## TWENTY-SEVENTH REPORT

(Seven Annual, Twenty Biennial)

OF THE

## Board of Trustees

OF THE

# University of Illinois

URBANA, ILLINOIS

For the Two Years Ending June 30, 1914



ILLINOIS STATE JOURNAL Co., STATE PRINTERS.
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## LETTER OF TRANSMITTAL.

URBANA, July 1, 1914.

Honorable Edward F. Dunne, Governor of Illinois.

SIR: I have the honor to submit to you herewith, in compliance with the law, the twenty-seventh report of the Trustees of the University of Illinois, for the two years ending June 30, 1914.

I am, very respectfully, your obedient servant,
HARRISON E. CUNNINGHAM, Secretary.

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<sup>\*</sup> Resigned, January 21, 1914. † Elected, January 21, 1914.

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<sup>†</sup> On leave. ‡ On leave for one year from November 1, 1913.

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David Leonard Scroggin, Instructor in Machine Shop.

Henri Jacobus van den Berg, Instructor in Piano.

Edgar Thomas Lanham, Instructor in Forge Shop.

Albert Austin Harding, Instructor in Wind Instruments and Director of the University Military Band.

Mary Minerva Wetmore, Instructor in Art and Design.

Harry Lovering Gill, Instructor in Track Athletics.

Harry Frederick Godeke, B.S., Instructor in Mechanical Engineering. George Wellington Pickels, Jr., B.C.E., C.E., Instructor in Civil Engineering.

Charles Marshall Poor, Ph.D., Instructor in German.

John Giffin Thompson, Ph.D., Instructor in Economics. Frank Walker Reed, Ph.D., Instructor in Astronomy.

George Paul Boomsliter, B.S., Instructor in Theoretical and Applied Mechanics.

Florence M. Kirkup, Instructor in Voice.

Clarence Eugene Noerenberg, B.S., A.E., Instructor in Theoretical and Applied Mechanics.

Fred B. Seely, B.S., Instructor in Theoretical and Applied Mechanics.

<sup>\*</sup> Resigned, January 31, 1914.

Charles Allyn Williams, Ph.D., Instructor in German.

Herbert Le Sourd Creek, Ph.D., Instructor in English.

Newton Edward Ensign, A.B., B.S., Instructor in Theoretical and Applied Mechanics.

Harrison Frederick Gonnerman, B.S., Instructor in Theoretical and Applied Mechanics.

Robert Edwin Kennedy, Instructor in Foundry.

William Horace Rayner, B.S., Instructor in Civil Engineering.

George Denton Beal, Ph.D., Instructor in Chemistry.

Clarence Valentine Boyer, Ph.D., Instructor in English.

Harvey Herbert Jordan, B.S., Instructor in General Engineering Drawing.

Aubrey John Kempner, Ph.D., Instructor in Mathematics. Duncan Arthur MacInnes, Ph.D., Instructor in Chemistry.

John Lyon Rich, Ph.D., Instructor in Geology.

Harold Ordway Rugg, C.E., Instructor in General Engineering Drawing. Glen Alfred Shook, A.B., Instructor in Physics.

William Herschel Smith, M.S., Instructor in Animal Husbandry.

Ellis Bayley Stouffer, Ph.D., Instructor in Mathematics.

Raymond Earl Davis, B.S., Instructor in Civil Engineering.

Armin Hajman Koller, Ph.D., Instructor in German.

Joseph Howard Beard, A.M., M.D., Instructor in Physiology.

Edward Wilson Chittenden, Ph.D., Instructor in Mathematics.

Arthur Charles Cole, Ph.D., Instructor in History. William Wells Denton, Ph.D., Instructor in Mathematics.

Herbert Seton Eames, B.S., İnstructor in Mechanical Engineering. John Joseph Gardner, B.S., Instructor in Pomology.

B. Smith Hopkins, Ph.D., Instructor in Chemistry.

Marvin Edward Jahr, A.B., Instructor in Farm Mechanics.

Robert Taylor Jones, B.S., Instructor in Architecture.

Joseph Mitchell Kellogg, M.Arch., Instructor in Architectural Design.

Allen Holmes Kimball, M.S., Instructor in Architectural Design.

\*Frank Carlton Loring, B.S., A.M., Instructor in Electrical Engineering. Edson Wilfred Morphy, Instructor in Violin.

Horatio Newton Parker, Instructor in Milk Distribution. Chester Otis Reed, B.S., Instructor in Farm Mechanics.

Lambert Thorp, Ph.D., Instructor in Chemistry. Arthur Jerrold Tieje, Ph.D., Instructor in English.

Lowell Leslie Townsend, A.M., Instructor in Piano.

Edna Almeda Treat, B.Mus., Instructor in Piano.

Charles George MacArthur, A.M., Instructor in Physiological Chemistry.

Olin Harris Moore, Ph.D., Instructor in Romance Languages.

Ernest James Reece, Ph.B., Instructor in Library Economy.

Ethel Bond, A.B., B.L.S., Instructor in Library Economy and Assistant in charge of the Collections in Library Economy.

Edwin John Manley, Instructor in Swimming.

Frederick Kitson Cowley, Instructor in Architecture.

Samuel Chatwood Burton, A.M., Instructor in Architecture.

Horace Whittier Peaslee, B.Arch., Instructor in Landscape Design.

Heber Dignam Nasmyth, Instructor in Voice.

Clarissa Rinaker, Ph.D., Instructor in English.

Harley Jones VanCleave, Ph.D., Instructor in Zoölogy.

Stuart Jeffrey Bates, Ph.D., Instructor in Chemistry.

Henry John Broderson, Ph.D., Instructor in Chemistry.

Josephine Elizabeth Burns, Ph.D., Instructor in Mathematics.

Mervin James Curl, A.M., Instructor in English.

Easley Stephen Jones, A.M., Instructor in English.

Walter Byron McDougall, Ph.D., Instructor in Botany.

Gertrude Schoepperle, Ph.D., Instructor in English. Queen Lois Shepherd, Ph.D., Instructor in Philosophy.

Leslie Denis Smith, Ph.D., Instructor in Chemistry.

Angelo Bendetto Marino Corrubia, B.S., M.S., Instructure in Architecture.

<sup>\*</sup> Resigned, December, 1913.

James Hutchinson Forsythe, M.Arch., Instructor in Architecture.

Rufus Crane, A.B., B.S., Instructor in General Engineering Drawing.

Philip Stephan Barto, Ph.D., Instructor in German.

Verna Brooks, A.B., Instructor in Physical Training for Women.

Ira Thomson Carrithers, A.B., Instructor in Intramural Athletics.

Arthur Boquer Domonoske, M.S., Instructor in Machine Design. Elmer Tryon Eberson, A.B., B.S., Instructor in Crop Production.

Roy Newton Fargo, B.S., Instructor in Physical Training for Men and Director of the Men's Gymnasium.

Forest Addison Fisher, B.S., Instructor in Soil Physics.

George Elizabeth Fleming, B.S., Instructor in Textiles. Lawrence Earl Foglesong, B.S., Instructor in Landscape Gardening.

\*Hugh Glasgow, Ph.D., Instructor in Entomology. · Stella Mary Hague, Ph.D., Instructor in Botany.

Florence Harrison, B.S., Instructor in Household Science, in charge of Extension Work.

Robert William Hoffman, B.S., Instructor in Landscape Gardening.

Ray Stillman Hulce, M.S., Instructor in Milk Production.

Ralph Kent Hursh, B.S., Instructor in Ceramics. John Clark Jordan, A.M., Instructor in English.

Maude Edna Parsons, A.B., Instructor in Household Science and Director of the Lunch Room.

Joseph Culpepper Pendleton, Instructor in Foundry Work.

Henry Eugene Pengilly, Instructor in Fencing.

Virgil Augustus Place, B.S., Instructor in Animal Husbandry.

Barney S. Radcliffe, M.S., Instructor in Ceramics.

Gustav H. Raderbaugh, Instructor in Machine Work.

Harrison Augustus Ruehe, B.S., Instructor in Dairy Manufactures. Charles Bovett Sayre, B.S., Instructor in Olericulture.

Hiram Thompson Scoville, A.B., Instructor in Accountancy.

Francis Marion Simpson, B.S., Instructor in Animal Husbandry.

Frank A. Cushing Smith, B.S., Instructor in Landscape Design.

Grace Esther Stevens, A.B., Instructor in Household Science.

Charles Manfred Thompson, Ph.D., Instructor in Economics.

George Frisble Whicher, A.M., Instructor in English.

Harry William Waterfall, B.S., Instructor in Machine Design.

Christian Alban Ruckmich, Ph.D., Instructor in Psychology.

Harold Eaton Babbitt, B.S., Instructor in Municipal and Sanitary Engineering.

Harry Gardner, M.S., Instructor in Theoretical and Applied Mechanics. Alexander Vallance, M.E., Instructor in Theoretical and Applied Mechanics.

Charles Earl Bradbury, B.P., Instructor in Art and Design.

Abner Richard Knight, M.E., Instructor in Electrical Engineering.

Roger Sherman Loomis, B.Lit., A.M., Tutor in English.

Charles Henry Hecker, Ph.D., Instructor in Chemistry.

Anna Viola Simon, Instructor in Voice.

Arthur Grenville Eldredge, Instructor in Photography and Director of the Photographic Laboratories.

Gustave Adolph Gross, Instructor in Pattern Making.

Charles Leslie Stewart, A.M., Instructor in Economics.

\*Warren Hobart Pillsbury, B.L., J.D., Instructor in Law. Lewis Emanuel Young, B.S., E.M., Instructor in Mining Engineering.

Robert Douglas Glasgow, Ph.D., Instructor in Entomology. Robin Beach, B.S., Instructor in General Engineering Drawing.

Alexander Green, Ph.D., Instructor in German.

Guy G. Mills, B.S., Instructor in Civil Engineering.

\*Charles Ruby Moore, B.S., Instructor in Electrical Engineering.

<sup>\*</sup> Resigned, November 30, 1913.

<sup>†</sup> Beginning February 1, 1914.

#### ASSISTANTS.

James Merion Duncan, Assistant in Pattern Making.

Sada Annis Harbarger, A.M., Assistant in English.

Ruth Kelso, A.M., Assistant in English.

Marion Charlotte Landee, Assistant in English and Assistant in Physical Training for Women.

Elizabeth Parnham Brush, A.M., Assistant in History.

Bessie Rose Green, A.M., Assistant in Zoölogy.

Alta Gwinn, A.M., Assistant in English.

Orin Harold Smith, A.M., Assistant in Physics.

John Hamilton Whitten, A.M., Assistant in Botany.

Resalie Mary Parr, A.M., Assistant in Botany.

Peter Joseph Rebman, Assistant in Forge Shop.

Lloyd Theodore Jones, A.M., Assistant in Physics.

Walter Albert Buchen, A.M., Assistant in English.

Oliver Arnold Keller, B.S., Assistant in Dairy Manufactures.

Wilford Stanton Miller, A.M., Assistant in Education and Secretary of the School of Education.

Oscar Alan Randolph, M.S., Assistant in Physics.

Sidney Archie Rowland, Jr., A.B., Assistant in Mathematics.

George Rutledge, A.M., Research Assistant in Mathematics.

George Wallace Sears, M.S., Assistant in Chemistry.

Felix Emil Held, A.M., Assistant in German.

Augusta Dillman Evans, A.B., Assistant in Agricultural Extension.

Orr Milton Allyn, B.S., Assistant in Crop Production.

William Harry Bair, B.S., Assistant in Physics.

Reed O'Shea Brigham, B.S., Assistant in Botany.

Wilbur Jerome Carmichael, B.S., Assistant in Animal Husbandry. Frank Leslie Fleener, A.B., Assistant in Geology.

John Alexander Frisk, Assistant in Mechanical Engineering and Mechanican in the Mechanical Engineering Laboratory.

Rosa Lee Gaut, B.Mus., Assistant in Physical Training for Women.

Clarence Mark Hebbert, B.S., Assistant in Mathematics.

George William Heitkamp, A.B., Assistant in Geology.

Charles Kay Hewes, B.S., Assistant in Chemistry.

Ralph R. Jones, Assistant in Physical Training for Men.

Oliver Kamm, M.S., Assistant in Chemistry.

Walter Stephen Nelson, Assistant in General Engineering Drawing.

Clyde Ross Newell, Ph.B., M.S., Assistant in Bacteriology.

Frank Ashmore Pearson, B.S.A., Assistant in Dairy Husbandry.

Alvah Peterson, A.M., Assistant in Entomology.

John William Read, M.S., Assistant in Chemistry.

David Grosh Thompson, A.M., Assistant in Geology.

Earle Horace Warner, A.B., Assistant in Physics.

John Jonathan Yoke, Assistant in Animal Husbandry.

Bert Stover Davisson, A.B., Assistant in Chemistry.

Ernest Carroll Faust, A.B., Research Assistant in Zoölogy.

Emerson Grant Stutcliffe, A.B., Assistant in English.

\*Bronson Barlow, M.S., Research Assistant in Bacteriology.

Ernst Kessler, Assistant in Glass Blowing.

Thomas Gregory Goodwin, A.B., Assistant in English.

John Richard Wells, B.S., Assistant in Animal Husbandry.

Lew R. Sarett, A.B., Assistant in Public Speaking.

Bronislav Roman Honovski, Ph.D., Research Assistant in Chemistry.

Catherine Oaks, A.B., B.L.S., Reviser in the Library School.

†Harry Young Carson, B.S., Assistant in Architectural Engineering and Superintendent of Construction.

Conrad Joseph Eppels, Assistant in Romance Languages.

<sup>\*</sup> Resigned November 1, 1913.

<sup>†</sup> Appointment to December 1, 1913.

John Raymond Shulters, A.M., Assistant in Romance Languages.

Denton Loring Geyer, A.M., Assistant in Philosophy.

Sebastian Karrar, A.M., Assistant in Physics.

Jonas Bernard Nathanson, A.M., Assistant in Physics.

Chester Harmon Allen, A.B., Assistant in Chemistry.

Jesse Melangthon Barnhart, M.S., Assistant in Chemistry in the Department of Dairy Husbandry.

John David Bond, A.B., Research Assistant in Astronomy.

Benjamin Lester Bowling, Assistant in the Cement Laboratory.

Lawrence Vreeland Burton, B.S., Assistant in Bacteriology.

Charles Serophin Carry, B.esL., Assistant in Romance Languages.

Joseph Harvey Checkley, B.S., Assistant in Agricultural Extension.

Arthur Samuel Colby, B.S., Assistant in Pomology.

Harvey Peach Corson, M.S., Assistant in Sanitary Chemistry and Chemist and Bacteriologist in the State Water Survey.

Edgar Wallace Engle, B.S., Assistant in Chemistry.

Harrison Fred Theodore Fahrnkopf, B.S., Assistant in Soil Fertility.

Harry Charles Gilkerson, B.S., Assistant in Soil Fertility.

Alfred Laurence Hall-Quest, A.M., Assistant in Education.

Charles Leroy Harlan, A.B., Assistant in Education.

Arthur Floyd Heck, B.S., Assistant in Soil Fertility.

Harry Virl Heimburger, A.B., Assistant in Zoölogy.

Raymond W. Hess, A.B., Assistant in Chemistry.

Ernest Michael Rudolph Lamkey, A.B., Assistant in Botany.

Thomas Ernest Layng, A.M., Assistant in Chemistry.

John Marvin LeCato, A.B., Assistant in Botany.

Ralph Harlan Linkins, A.B., Assistant in Zoölogy.

Harrison McJohnston, A.B., Assistant in English.

William Pitt Miller, B.S., Assistant in Agricultural Extension.

Alma Jessie Neill, A.B., Assistant in Physiology.

Charles Ivan Newlin, B.S., Assistant in Animal Husbandry.

Alva LeRoy Prickett, A.B., Assistant in Economics.

Charles Chaffin Rand, B.S., Assistant in Ceramics.

Clarence Samuel Ross, A.B., Assistant in Geology.

Guy Watson Smith, M.S., Assistant in Mathematics.

Howard John Snider, B.S., Assistant in Soil Fertility.

Thomas Blaine Stanley, A.B., Assistant in English.

Scott Champlin Taylor, B.S., Assistant in Chemistry.

Gerritt John Van Zoeren, A.B., Assistant in Chemistry. Harry Dwight Waggoner, A.B., Assistant in Botany.

Edward Harvey Walworth, B.S., Assistant in Crop Production.

Thor Griffith Wesenberg, A.M., Assistant in Romance Languages.

Ernest Atkins Wildman, B.S., Assistant in Chemistry.

William Wodin Yapp, B.S., Assistant in Dairy Husbandry.

Adolf Eduard Zucker, A.M., Assistant in German.

Harry Fletcher Lewis, M.S., Assistant in Chemistry.

Frederick Calkins Torrance, M.E., Assistant in Mechanical Engineering Laboratory.

Lawrence Fleming Foster, A.B., Assistant in Chemistry.

Warren Rippey Schoonover, B.S., Assistant in Soil Fertility.

Henry Charles Zeis, A.B., Assistant in Mathematics.

Anna Sue Hughitt, Assistant in Physical Training for Women.

Dorothy Ruth Shoemaker, A.B., Assistant in Physical Training for Women.

Thomas Franklin Vance, Ph.D., Assistant in Psychology.

Alfred Chester Hanford, A.M., Assistant in Political Science.

George Washington Spindler, A.M., Assistant in German.

Louis Allen, A.B., Assistant in Romance Languages.

Franz August Aust, M.S., Assistant in Landscape Design.

Raymond Ephraim Dixon, A.M., Assistant in English.

Arthur Edwards Williams, B.S., Assistant in Ceramics.

Earle Robinson Math, B.S., Assistant in Architectural Construction. Charles Christian Rees, A.B., Assistant in Pathology in Horticulture. Harry Montgomery Weeter, A.B., Assistant in Dairy Husbandry. Paul Anders, Assistant in Glass Blowing. Russell McCulloch Storey, A.M., Assistant in Political Science.

#### GRADUATE ASSISTANTS.

Robert Earl Baker, A.B., Graduate Assistant in Chemistry. Theodore Rally Ball, B.S., Graduate Assistant in Chemistry. Herbert Melville Carter, B.S., Graduate Assistant in Chemistry. Ernest Charlton, A.B., Graduate Assistant in Chemistry. Homer Eldon Chenoweth, A.B., Graduate Assistant in Zoölogy. Karl Adolph Clark, A.M., Graduate Assistant in Chemistry. Margaret Vara Cobb, A.M., Graduate Assistant in Zoölogy. Juanita Elizabeth Darrah, A.B., Graduate Assistant in Chemistry. Duane Taylor Englis, A.B., Graduate Assistant in Chemistry. Ross Earlby Gilmore, A.B., Graduate Assistant in Chemistry. Gertrude Amelia Johnson, M.S., Graduate Assistant in Zoölogy. Harry Cleveland Kremmers, A.B., Assistant in Chemistry. William Asbury Manuel, A.B., Graduate Assistant in Chemistry. Stewart Dent Marquis, A.B., Graduate Assistant in Chemistry. Henry Gustav May, B.S., Graduate Assistant in Zoölogy. Samuel Hawthorne Scherfee, A.B., Graduate Assistant in Botany. Clarence Scholl, B.S., Graduate Assistant in Chemistry. Horace Wesley Stunkard, B.S., Graduate Assistant in Zoölogy. Everett Harvey Taylor, A.B., Graduate Assistant in Chemistry. Ralph Waldo Tippett, A.B., Graduate Assistant in Chemistry. Howard DeWitt Valentine, B.S., Graduate Assistant in Chemistry. Henry Joseph Weiland, B.S., Graduate Assistant in Chemistry. Grace Adaline Wells, B. S., Graduate Assistant in Zoölogy. Edward Wichers, A.B., Graduate Assistant in Chemistry.

#### STUDENT ASSISTANTS.

William Calvin Adams, Student Assistant in Chemistry.
Silas Alonzo Braley, Student Assistant in Chemistry.
Joseph Cohen, Student Assistant in Chemistry.
Alexander Cohn, Student Assistant in Chemistry.
Henry Charles Eckstein, Student Assistant in Chemistry.
Agnes Hitt, Student Assistant in Physical Training for Women.
John Moller Janson, Student Assistant in Chemistry.
Ralph Augustus Nelson, Student Assistant in Chemistry.
Anton Prasil, Student Assistant in Chemistry.
Paul Cobb Rich, Student Assistant in Chemistry.
George Benjamin Ruby, Student Assistant in Chemistry.
Carl William John Sievert, Student Assistant in Chemistry.
Glen Seymour Skinner, Student Assistant in Chemistry.
John Donald Snook, Student Assistant in Chemistry.
Walter Addison Straw, Student Assistant in Chemistry.

#### ASSISTANTS IN MILITARY SCIENCE.

Edwards Hall Berry, Assistant in Military Science. Herbert Edward Howes, Assistant in Military Science. Harold Paul Ousley, Assistant in Military Science. Edwin Chester Prouty, Assistant in Military Science. Clifford Harper Westcott, Assistant in Military Science. Frederick John Giehler, Assistant in Military Science. Paul Cobb Rich, Assistant in Military Science. Charles R. Velzy, Assistant in Military Science.

### THE COLLEGE OF MEDICINE.

(Congress and Honore Streets, Chicago.)

Edmund Janes James, Ph.D., LL.D., President of the University.

William Edward Quine, M.D., LL.D., Professor of Medicine, Emeritus, and Senior Dean.

George Peter Dreyer, A.B., Ph.D., Professor of Physiology and Physiological Chemistry, Head of the Department of Physiology and Physiological Chemistry, and Junior Dean.

Henry Parker Newman, A.M., M.D., Professor of Gynecology and Clinical Gynecology, Emeritus.

John Erasmus Harper, A.M., M.D., Professor of Ophthalmology and Clinical Ophthalmology, Emeritus.

Daniel Atkinson King Steele, M.D., LL.D., Professor of Surgery and Clinical Surgery and Head of the Department of Surgery.

Oscar Augustus King, M.D., Professor of Psychiatry and Clinical Neurology and Head of the Department of Psychiatry.

Henry Turman Byford, A.M., M.D., Professor of Gynecology and Clinical Gynecology and Head of the Department of Gynecology.

William Allen Pusey, A.M., M.D., Professor of Dermatology and Head of the Department of Dermatology.

Thomas Archibald Davis, M.D., Professor of Clinical Surgery.

Frank Breckenridge Earle, M.D., Professor of Pediatrics.

Adolph Gehrmann, M.D., Professor of Hygiene and Bacteriology.

William McIntyre Harsha, A.B., M.D., Professor of Surgery and Clinical Surgery.

Maurice Louis Goodkind, M.D., Professor of Medicine and Clinical Medicine.

Charles Spencer Williamson, B.S., M.D., Professor of Medicine and Clinical Medicine and Head of the Department of Medicine.

Bernard Fantus, M.D., Professor of Pharmacology.

John Lincoln Porter, M.D., Professor of Orthopedic Surgery.

Albert John Ochsner, B.S., M.D., Professor of Surgery and Clinical Surgery.

William Lincoln Ballenger, M.D., Professor of Laryngology, Rhinology, and Otology, and Head of the Department of Laryngology, Rhinology, and Otology.

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine.

Joseph McIntyre Patton, M.D., Professor of Clinical Medicine.

Daniel Nathan Eisendrath, A.B., M.D., Professor of Surgery and Clinical Surgery.

Charles Davison, M.D., Professor of Surgery and Clinical Surgery.

Charles Sumner Bacon, Ph.B., M.D., Professor of Obstetrics and Clinical Obstetrics and Head of the Department of Obstetrics.

Lee Harrison Mettler, A.M., M.D., Professor of Neurology and Clinical Neurology and Head of the Department of Neurology.

Casey A. Wood, A.M., M.D., Professor of Ophthalmology and Head of the Department of Ophthalmology.

Channing Whitney Barrett, M.D., Professor of Gynecology and Clinical Gynecology.

Norval Pierce, M.D., Professor of Otology and Clinical Otology.

Albert E. Halsted, M.D., Professor of Surgery and Clinical Surgery.

Albert Chauncey Eycleshymer, B.S., Ph.D., M.D., Professor of Anatomy and Head of the Department of Anatomy.

David John Davis, M.D., Acting Professor of Pathology, Acting Head of the Department of Pathology and Director of the Research Laboratory for Experimental Medicine.

#### ASSOCIATE PROFESSORS.

Rachelle S. Yarros, M.D., Associate Professor of Obstetrics and Clinical Obstetrics.

William Elliott Gamble, B.S., M.D., Associate Professor of Clinical Ophthalmology.

Charles Edward Humiston, M.D., Associate Professor of Surgery and Clinical Surgery.

Nelson Mortimer Percy, M.D., Associate Professor of Clinical Surgery.

Edward Milton Brown, M.D., Associate Professor of Clinical Surgery.

William Fuller, M.D., Associate Professor of Operative Surgery.

Charles Mayer Jacobs, M.D., Associate Professor of Clinical Orthopedic Surgery.

Julius H. Hess, M.D., Associate Professor of Clinical Pediatrics.

Joseph C. Beck, M.D., Associate Professor of Laryngology, Rhinology, and Otology.

#### ASSISTANT PROFESSORS.

Haim, I. Davis, M.D., Assistant Professor of Clinical Psychiatry.
Mary Gilruth McEwen, M.S., M.D., Assistant Professor of Clinical Gynecology.

John Michael Lang, M.D., Assistant Professor of Clinical Gynecology. Edward Louis Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine.

John Weatherson, C.E., M.D., Assistant Professor of Medicine, Head of the Instructors in Senior Medicine, and Recording Secretary of the Faculty. Stella May Gardner, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

Frederick George Dyas, M.D., Assistant Professor of Surgery and Clinical Surgery.

George Farnsworth Thompson, B.S., M.D., Assistant Professor of Surgery and Clinical Surgery.

Frank Donald Moore, M.D., Assistant Professor of Surgery and Clinical Surgery.

Frederick Gillette Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases.

Ulysses Grant Darling, M.D., Assistant Professor of Psychiatry and Clinical Neurology.

Cecil V. Bachelle, M.S., M.D., Assistant Professor of Obstetrics.

Otto Herman Rohrlack, Ph.G., M.D., Assistant Professor of Obstetrics and Clinical Obstetrics.

Richard Hunt Brown, M.D., Assistant Professor of Clinical Laryngology, Rhinology, and Otology.

John Brown Loring, M.D., Assistant Professor of Clinical Ophthalmology. Ephraim Kirkpatrick Findlay, M.D., Assistant Professor of Clinical Ophthalmology.

William Henry Welker, A.C., Ph.D., Assistant Professor of Physiological Chemistry.

Emanuel Oliver Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

Mary C. Lincoln, M.D., Assistant Professor of Microscopical and Chem-

Mary C. Lincoln, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

William H. Burmeister, M.D., Assistant Professor of Pathology.

#### LECTURERS.

Elmer DeWitt Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence. Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence. Bernard John Cigrand, M.S., D.D.S., Lecturer on the History of Medicine.

#### INSTRUCTORS.

Robert William Morris, A.B., M.D., Instructor in Senior Medicine.
William David McDowell, B.S., M.D., Instructor in Senior Medicine.
Ralph Randall Holmes, A.M., M.D., Instructor in Senior Medicine.
Waldemar Eberhardt, B.S., M.D., Instructor in Senior Medicine.
Edward F. Fox, M.D., Instructor in Senior Medicine.
Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.
Wilbur Maynard French, M.D., Instructor in Clinical Pediatrics.
Lois Lindsay Wynekoop, M.D., Instructor in Clinical Pediatrics.
William A. Ribbeck, M.D., Instructor in Pediatrics and Clinical Pediatrics.
John A. Christian, M.D., Instructor in Pediatrics.
Edward Kent Armstrong, M.D., Instructor in Clinical Pediatrics.
Alexander B. Raff, M.D., Instructor in Diseases of the Chest.
Walter Bradford Metcalf, M.D., Instructor in Diseases of the Chest.
Clarence T. Roome, M.D., Instructor in Diseases of the Chest.
Arrie Bamberger, M.D., Instructor in Minor Surgery, and

John Milton Berger, M.D., Head Instructor in Senior Surgery and Assistant in Clinical Surgery.

George Luther Davenport, M.D., Instructor in Senior Surgery and Minor Surgery.

Raymond William McNeally, M.D., Instructor in Senior Surgery.

Henry Lester Baker, M.D., Instructor in Senior Surgery and Assistant in Clinical Surgery.

Howard Oscar Shafer, M.D., Instructor in Senior Surgery. Charles Herbert Phifer, M.D., Instructor in Senior Surgery.

French S. Cary, M.D., Instructor in Senior Surgery.

Irving S. Koll, M.D., Instructor in Senior Surgery. Charles M. McKenna, M.D., Instructor in Senior Surgery.

Meyer Solomon, M.D., Instructor in Psychiatry and Clinical Psychiatry and Instructor in Neurology.

John Ralph Ballenger, M.D., Instructor in Psychiatry and Clinical Psychiatry.

Alexander Sandor Hershfield, M.D., Instructor in Neurology. Benjamin Braude, M.D., Instructor in Neurology. Isador Bernard Diamond, M.D., Instructor in Neurology. Edward F. Leonard, M.D., Instructor in Neurology. Richard Charles Steffan, M.D., Instructor in Obstetrics. John William Birk, M.D., Instructor in Obstetrics. Annie E. Barron, M.D., Instructor in Obstetrics. Charles Newberger, M.D., Instructor in Obstetrics. Mary Jeanette Kearsley, M.D., Instructor in Gynecology. Irving Herbert Eddy, M.D., Instructor in Gynecology. George Henry Van Dyke, M.D., Instructor in Gynecology. Clara P. Seipple, M.D., Instructor in Gynecology. Albert John Schoenberg, M.D., Instructor in Gynecology. Wesley John Woolston, M.D., Instructor in Gynecology. Mary Blanche White, M.D., Instructor in Gynecology. Pauline Rose Kapsa, M.D., Instructor in Gynecology.

Egan Walter Fischman, M.D., Instructor in Gynecology. George J. Lorch, Ph.G., M.D., Instructor in Junior Medicine. Edward A. Corcoran, M.D., Instructor in Junior Medicine.

Charles H. Schmidt, M.D., Instructor in Junior Medicine. Henry Eugene Irish, M.D., Instructor in Junior Medicine.

Harry Jerome Smejkal, M.D., Instructor in Junior Medicine.

Frank J. Wright, M.D., Instructor in Clinical Medicine. Frank Chauvet, M.D., Instructor in Physical Diagnosis.

Louis Rudolph, M.D., Instructor in Physical Diagnosis.

John Ross Harger, B.S., M.D., Instructor in Junior Surgery and Minor Surgery.

David Alexander, M.D., Instructor in Orthopedic Surgery.

Bert Leslie Taylor Woods, M.D., Instructor in Operative Surgery and Assistant in Clinical Surgery.

William Chester Smith, M.D., Instructor in Operative Surgery.

Arthur Barnett Eustace, M.D., Instructor in Operative Surgery.

Archie James Graham, M.D., Instructor in Operative Surgery.

Adolph Hartung, M.D., Instructor in Radiology.

Arthur William Stillians, M.D., Instructor in Dermatology.

Philip Frank Shaffner, M.D., Instructor in Dermatology.

Lillian Ethel Taylor, M.D., Instructor in Laryngology, Rhinology, and Otology.

Charles Clayton Clement, M.D., Instructor in Ophthalmology.

Frederic Vreeland, M.D., Instructor in Ophthalmology.

Richard Root Rupert, M.D., Instructor in Anatomy.

John Eddy Haskell, A.B., M.D., Instructor in Pharmacology.

Margaret May Jones, M.D., Instructor in Clinical Laryngology, Attending Physician to the Dispensary.

Jacob Carl Krafft, M.D., Instructor in Clinical Pediatrics, Attending Physician to the Dispensary.

Ernest Sisson Moore, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

Robert Mosser, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

Georgiana Theobold, M.D., Instructor in Clinical Ophthalmology, Attending Physician to the Dispensary.

Lawrence W. Whitmer, M.D., Instructor in Clinical Ophthalmology, Attending Physician to the Dispensary.

Franklin S. Wilson, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

#### ASSISTANTS.

Frederick Hamilton Blayney, A.M., M.D., Assistant in Clinical Surgery. George Washington Post, Jr., B.S., A.M., M.D., Assistant in Clinical Surgery.

Robert Emmett Flannery, M.D., Assistant in Clinical Surgery.

Charles C. Clark, M.D., Assistant in Clinical Surgery.

Elmer W. Schnoor, M.D., Assistant in Clinical Surgery.

Max Meyerovitz, M.D., Assistant in Clinical Surgery.

Alexander Donald Ferguson, M.D., Assistant in Clinical Surgery.

Walter Charles Hammond, M.D., Assistant in Obstetrics.

Harrison Willis Maltby, M.D., Assistant in Orthopedic Surgery.

William Arthur Clark, A.M., M.D., Assistant in Orthopedic Surgery.

Edgar Grim Miller, Jr., Ph.D., Asssitant in Physiological Chemistry.

Oscar Gustav Fischer, M.D., Assistant in Bacteriology.

Metta May Loomis, Librarian.

Thomas S. Jones, Artist in the Department of Anatomy.

#### STUDENT ASSISTANTS.

Clay Adler, Ph.C., Student Assistant in Chemistry. Conrad George Appelle, Student Assistant in Chemistry. Max Brachvogel, Student Assistant in Physiology.

Charles Calvin Conley, Student Assistant in Chemistry.

James Tobias Groot, Student Assistant in Chemistry. Eric Gosta Hakenson, Student Technician in the Infirmary and Dissecting Room.

Benjamin Vaughn McClanhan, Student Assistant in Physiology.

Emil George Nadeau, Student Assistant in Physiology. Arthur John Ochs, Student Assistant in Bacteriology.

Francis Allen Richardson, A.B., B.S., M.D., Student Assistant in Chemistry.

Clara Roushausen, Student Assistant in Bacteriology.

Joseph Seilen, Student Assistant in Physiology.

J. Craig Small, A.B., Student Assistant in Physiological Chemistry. Leo Tarkowski, Student Assistant in the Library of the College of Medicine.

## THE COLLEGE OF DENTISTRY.

(Harrison and Honore Streets, Chicago.)

Edmund Janes James, Ph.D., LL.D., President of the University.

Frederick Brown Moorehead, A.B., D.D.S., M.D., Professor of Oral Surgery and Pathology and Dean of the College of Dentistry.

Donald Mackay Gallie, D.D.S., Professor of Operative Dentistry and

Operative Technics.

George Walter Dittmar, D.D.S., Professor of Prosthetic Dentistry and Prosthetic Technics, and Superintendent of the Infirmary.

Frederick Bogue Noyes, B.S., D.D.S., Professor of Orthodontia and Dental

Histology.

Edgar David Coolidge, D.D.S., Professor of Materia Medica and Therapeutics.

Albert Chauncey Eycleshymer, B.S., M.D., Ph.D., Professor of Anatomy. George Peter Dreyer, A.B., Ph.D., Professor of Physiology.

Louis Schultz, D.D.S., M.D., Assistant Professor of Oral Surgery and Pathology.

Louis E. Bake, D.D.S., Assistant Professor of Operative Technics and Porcelain Art.

Solomon Perry Starr, D.D.S., Assistant Professor of Prosthetic Technics. Elmer DeWitt Brothers, LL.B., Lecturer on Dental Jurisprudence.

Henry Cooley Lee, Ph.G., D.D.S., Instructor in Operative Dentistry and Materia Medica.

Frank Joseph Bernard, D.D.S., Instructor in Prosthetic Dentistry.

Arthur H. Hixson, B.S., Instructor in Bacteriology.

John C. McGuire, D.D.S., Instructor in Operative and Prosthetic Den-

Warren C. Hawthorne, B.S., Instructor in Metallurgy.

Vergil H. Moon, M.S., D.D.S., M.D., Instructor in Histology.

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Edwin Paul Swatek, D.D.S., Assistant in Oral Surgery.

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Albert Henry Clark, Ph.G., Assistant Professor of Chemistry.

Clyde Mason Snow, Ph.G., Assistant Professor of Pharmacy.

Bernard Fantus, M.D., Lecturer on Physiology.

Edmund Norris Gathercoal, Ph.G., Instructor in Pharmacognosy.

Henry William Colson, Ph.C., Instructor in Chemistry.

Ben Lee Eicher, Ph.C., Instructor in Pharmacy.

## THE UNIVERSITY LIBRARY.

STAFF.

Phineas Lawrence Windsor, Ph.B., Librarian and Directory of the Library School.

Francis Keese Wynkoop Drury, A.M., B.L.S., Assistant Librarian.

Sabra Elizabeth Stevens, A.B., General Assistant.

Marguerite Mitchell, A.B., General Assistant. Eleanor G. Karsten, Ph.B., Secretary.

Order Department-

Jacob Hodnefield, A.M., Exchange Assistant.

Aurella Knapp, A.B., B.L.S., Order Assistant (Periodicals).

Myrtle Anna Renz, B.L.S., Order Assistant.

Clara Agnes Ricketts, A.B., B.L.S., Order Assistant.

Loan Department-

Emma Reed Jutton, B.L.S., Loan Librarian.

Frances Margaret Feind, A.B., B.L.S., Loan Assistant.

Sarah Elizabeth Bryan, A.B., B.L.S., Loan Assistant.

Viola Fraser, A.B., Loan Assistant.

Ina May Brown, Loan Assistant.

Thomas Parker Ayer, A.B., Shelf Assistant.

Glenn Christy, Shelf Assistant.

John George Eppinger, Shelf Assistant.

John Breedis, Shelf Assistant.

Everett Orren Fontaine, Shelf Assistant.

Binding Department-

Josie Batcheller Houchens, A.M., B.L.S., Binding Librarian.

Catalog Department-

Philip Sanford Goulding, A.B., Catalog Librarian.

Adah Patton, B.L.S., Classifier.

Nellie Mabel Robertson, A.B., B.L.S., Catalog Assistant.

Antoinette Helen Goetz, A.B., Catalog Assistant.

Edith Emigh, Catalog Assistant.

Lilla M. Alexander, Catalog Assistant.

Fannie Dunlap, Ph.B., Catalog Assistant.

Bertha Lee Sharp, Catalog Assistant. Elizabeth Henrietta Cass, A.B., B.L.S., Catalog Assistant. Nelle Uree Branch, A.B., Catalog Assistant. Minnie Joanna Bollman, A.B., Catalog Assistant.

Hazel Yearsley Shaw, A.M., Catalog Assistant.

Mary Zeliaette Troy, A.B., Catalog Assistant.

Reference Department-

Alice Sarah Johnson, A.B., B.L.S., Reference Assistant. Emma Felsenthal, Ph.B., B.L.S., Reference Assistant. Margaret Hutchins, A.B., B.L.S., Reference Assistant.

Departmental Libraries-

Mary Torrance, A.B., B.L.S., Assistant in the Classics.

\*John Boynton Kaiser, A.B., B.L.S., Assistant in Economics and Soci-

Ola M. Wyeth, A.B., B.L.S., Assistant in Germanic and Romance Lan-

Marion Leatherman, A.B., Assistant in History and Political Science. Jennie Adah Craig, A.B., B.L.S., Assistant in English.

Margaret Herdman, A.B., Assistant in Philosophy, Psychology, and Education.

Ethel Bond, A.B., B.L.S., Assistant in Library Economy.

Charles Edwin Janvrin, Ph.B., B.L.S., Assistant in Natural History.

Mary Elizabeth Love, Assistant in Natural History.

Winifred Fehrenkamp, B.L.S., Assistant in Architecture.

#### THE AGRICULTURAL EXPERIMENT STATION.

Edmund Janes James, Ph.D., LL.D., President.

STAFF.

Eugene Davenport, M.Agr., LL.D., Director. †Cyril George Hopkins, Ph.D., Vice-Director.

<sup>\*</sup> Resigned, February 1, 1914.

<sup>†</sup> On leave.

Stephen Alfred Forbes, Ph.D., Consulting Entomologist. Donald McIntosh, V.S., Consulting Veterinarian. Henry Lewis Rietz, Ph.D., Statistician. Burt Eardley Powell, Ph.D., Editor, Agricultural Press Bulletins. Anna Cushman Glover, Assistant Secretary.

#### In Agronomy—

\*Cyril George Hopkins, Ph.D., Chief, Agronomy and Chemistry.
Jeremiah George Mosier, B.S., Chief, Soil Physics.
Louie Henrie Smith, Ph.D., Chief, Plant Breeding.
James Harvey Pettit, Ph.D., Chief, Soil Fertility.
Leonard Hegnauer, B.S., Chief, Crop Production.
Ora Stanley Fisher, B.S., Assistant Chief, Soil Fertility.
\*\*William Course Fisherdt, B.S., Assistant Chief, Soil Fertility. \*William George Eckhardt, B.S., Associate, Soil Fertility. Axel Ferdinand Gustafson, M.S., Associate, Soil Physics. Ernest Van Alstine, B.S., Associate, Chemistry. Joseph Paul Aumer, B.S., Associate, Chemistry. Clarence Chester Logan, B.S., Associate, Soils Extension. Jay Boardman Park, M.S., Associate, Plant Breeding. Sidney Viel Holt, B.S., Associate, Soil Physics. Harold Wilson Stewart, B.S., Associate, Soil Physics. Henry Clyde Wheeler, B.S., Associate, Soil Physics. John Ezra Whitchurch, B.S., Associate, Soil Fertility. Ezekiel Edward Hoskins, B.S., Associate, Soil Fertility. William Leonidos Burlison, M.S., Associate, Crop Production. Ward Hanson Sachs, B.S., Associate, Chemistry. Walter Byron Gernert, Ph.D., Associate, Plant Breeding. Albert Lemuel Whiting, Ph.D., Associate, Soil Biology.
Frederick Charles Bauer, B.S., Associate, Soil Fertility.
Frederick Martin William Wascher, B.S., First Assistant, Soil Physics. Forrest Addison Fisher, B.S., First Assistant, Soil Physics. Frank William Garrett, B.S., First Assistant, Soil Fertility. Wilbur Roy Leighty, B.S., First Assistant, Chemistry. Gertrude Neiderman, B.S., Assistant, Chemistry. Orr Milton Allyn, B.S., Assistant, Crop Production. Robert William Dickenson, B.S., Assistant, Soil Physics. Leo Ross Binding, B.S., Assistant, Chemistry. Harrison Fred Theodore Fahrnkopf, B.S., Assistant, Soil Fertility. George Edward Gentle, B.S., Assistant, Soil Physics, Harry Charles Gilkerson, B.S., Assistant, Soil Fertility. Edward Harvey Walworth, B.S., Assistant, Crop Production. Arthur Floyd Heck, B.S., Assistant, Soil Fertility. Howard John Snider, B.S., Assistant, Soil Fertility. Arthur Maxwell Brunson, B.S., Assistant, Chemistry. Warren Rippey Schoonover, B.S., Assistant, Soil Biology. Clinton B. Clevenger, B.S., Assistant, Chemistry. Orland I. Ellis, B.S., Assistant, Soil Physics.

#### In Animal Husbandry-

Herbert Windsor Mumford, B.S., Chief.
Harry Sands Grindley, D.Sc., Chief, Animal Nutrition.
Walter Castella Coffey, M.S., Chief, Sheep Husbandry.
\*Louis Dixon Hall, M.S., Assistant Chief, Animal Husbandry.
John A. Detlefsen, D.Sc., Assistant Chief, Genetics.
Henry Perly Rusk, M.S.A., Assistant Chief, Beef Cattle.
James Lloyd Edmonds, B.S., Assistant Chief, Horse Husbandry.
Arthur Donaldson Emmett, A.M., Assistant Chief, Animal Nutrition.
Harold Hanson Mitchell, B.S., Associate, Chemistry.
Walter Edward Joseph, Ph.D., Associate, Animal Husbandry.
Sleeter Bull, M.S., Associate, Animal Nutrition.
Walter Frederick Handschin, B.S., Associate, Animal Husbandry.
William Herschel Smith, M.S., First Assistant, Animal Husbandry.
Virgil Augustus Place, B.S., First Assistant, Animal Husbandry.

<sup>\*</sup> On leave.

Francis Marion Simpson, B.S., First Assistant, Animal Husbandry. John Jonathan Yoke, Assistant, Animal Husbandry. Wilbur Jerome Carmichael, B.S., Assistant, Animal Husbandry. John Richard Wells, B.S., Assistant, Animal Husbandry. Charles Ivan Newlin, B.S., Assistant, Animal Husbandry. Elmer Roberts, B.S., Assistant, Genetics. Leonora Perry, Editorial Assistant.

In Dairy Husbandry—

Harry Alexis Harding, Ph.D., Chief.
Wilbur John Fraser, M.S., Chief, Dairy Farming.
\*Nelson William Hepburn, M.S., Assistant Chief, Dairy Manufactures.
Martin John Prucha, Ph.D., Assistant Chief, Dairy Bacteriology.
Royden Earl Brand, M.S., Associate, Dairy Husbandry.
Harry Montgomery Weeters, Assistant, Dairy Husbandry.
Horatio Newton Parker, First Assistant, Milk Distribution.
Jesse Melangthon Barnhart, M.S., First Assistant, Chemistry.
LeRoy Lang, M.S., Associate, Dairy Manufactures.
William Truman Crandall, M.S., Associate, Milk Production.
Ray Stillman Hulce, B.S.A., First Assistant, Milk Production.
Oliver Arnold Keller, B.S., Assistant, Dairy Manufactures.
Harrison August Ruehe, B.S., First Assistant, Dairy Manufactures.
Frank Ashmore Pearson, B.S., Assistant, Dairy Husbandry.
Ernest McChesney Clark, B.S., Assistant, Dairy Husbandry.

In Horticulture-Joseph Cullen Blair, M.S.A., Chief. Charles Spencer Crandall, M.S., Chief, Plant Breeding. John William Lloyd, M.S.A., Chief, Olericulture. Herman Bernard Dorner, M.S., Assistant Chief, Floriculture. Bethel Stewart Pickett, M.S., Assistant Chief, Pomology. Oscar S. Watkins, B.S., Associate, Horticultural Chemistry. Ernest Winfield Bailey, M.S., Associate, Plant Breeding. †Arno Herbert Nehrling, Associate, Floriculture. Warren Albert Ruth, A.M., Associate, Horticultural Chemistry. Charles Elmer Durst, B.S., Associate, Olericulture. Simeon James Bole, A.M., Associate, Pomology. Thomas Bregger, B.S., First Assistant, Plant Breeding. Alfred Joseph Gunderson, B.S., First Assistant, Pomology. Fred Weaver Muncie, A.B., First Assistant, Floriculture. Charles Bovett Sayre, B.S., First Assistant, Olericulture. Charles Christian Rees, A.B., Assistant, Horticulture. George Leo Peltier, A.M., Assistant, Floricultural Pathology. John Joseph Gardner, B.S., Assistant, Pomology. James Hutchinson, Assistant, Floriculture. Julia Alberta Harper, A.B., Editorial Assistant.

#### THE ENGINEERING EXPERIMENT STATION.

Edmund Janes James, Ph.D., LL.D., President.

#### STAFF.

\*William Freeman Myrick Goss, M.S., D.Eng., Director. Charles Russ Richards, M.M.E., Acting Director.

Alfred Knight Chittenden, Ph.B., M.F., Assistant to the Director and Lecturer on Timber and Timber Resources.

THE HEADS OF THE DEPARTMENTS OF THE COLLEGE OF ENGINEERING.

#### SPECIAL INVESTIGATORS.

Herbert Fisher Moore, M.M.E., Assistant Professor in the Department of Theoretical and Applied Mechanics.

<sup>\*</sup> On leave. † Resigned February 1, 1914.

Duff Andrew Abrams, C.E., Associate in the Department of Theoretical and Applied Mechanics.

David Ford McFarland, A.M., M.S., Ph.D., First Assistant in the Depart-

ment of Chemistry.

Willis Appleford Slater, M.S., C.E., First Assistant in the Department of Theoretical and Applied Mechanics.

Robert Browder Keller, B.S., First Assistant in the Department of

Railway Engineering.

Trygve D. Yensen, M.S., E.E., Assistant in the Department of Elec-

trical Engineering.
John Nicholas Vedder, A.M., Assistant in the Department of Mechanical

Engineering.

Harold Houghton Dunn, M.S., Assistant in the Department of Railway Engineering.

Alonzo Plumsted Kratz, M.S., Assistant in the Department of Mechanical Engineering.

#### RESEARCH FELLOWS.

Harry Fielding Hadley, A.M., Chemistry. Rudolph McDermet, B.S., Electrical Engineering. George Alfred Maney, C.E., Theoretical and Applied Mechanics. Howard Rice Thomas, C.E., Theoretical and Applied Mechanics. Walter Jacob Wohlenberg, B.S., Mechanical Engineering. Jefferson Hall Belt, B.S., Electrical Engineering.

Julian Montgomery, C.E., Theoretical and Applied Mechanics.

Merle Louis Nebel, B.S., Mining Engineering. Robert Bedford Pogue, B.M.E., Railway Engineering.

## THE STATE LABORATORY OF NATURAL HISTORY.

Edmund Janes James, Ph.D., LL.D., President.

Stephen Alfred Forbes, Ph.D., LL.D., Director.

#### STAFF.

Charles Arthur Hart, Systematic Entomologist. Mary Jane Snyder, Secretary. Robert Earl Richardson, A.M., Assistant in charge of Biological Station. Charles Edwin Janvrin, Ph.B., B.L.S., Librarian.

## THE STATE ENTOMOLOGIST'S OFFICE.

#### STAFF.

Stephen Alfred Forbes, Ph.D., LL.D., State Entomologist. Charles Arthur Hart, Systematic Entomologist. Wesley Pillsbury Flint, Assistant for Central Illinois. Lindley Malcolm Smith, B.S., Assistant for Southern Illinois. David Kent MacMillan, B.S., Assistant for Northern Illinois. Pressley Adams Glenn, A.M., Chief Horticultural Inspector. Robert Douglas Glasgow, Ph.D., Special Assistant. S. Fred Prince, Illustrator.

## THE STATE WATER SURVEY.

Edmund Janes James, Ph.D., LL.D., President.

#### STAFF.

Edward Bartow, Ph.D., Director. Samuel Wilson Parr, M.S., Consulting Chemist. Arthur Newell Talbot, C.E., Consulting Engineer. Otto Rahn, Ph.D., Consulting Bacteriologist.
Paul Hansen, B.S., Engineer.
Wilfred Francis Langelier, M.S., Inspector.
Harry Peach Corson, M.S., Chemist and Bacteriologist.
Ralph Hilscher, B.S., Assistant Engineer.
Milford Everett Hinds, B.S., Assistant Chemist.
Fred Wilbur Tanner, B.S., Assistant Bacteriologist.
Floyd William Mohlman, B.S., Assistant Chemist.
Harry Foster Ferguson, B.S., Assistant Engineer.
Henry Lawrence Huenink, M.S., Assistant Chemist.
Maurice Charles Sjoblom, B.S., Engineering Assistant.
John Francis Schnellbach, B.S., Engineering Assistant.
Charles Herbert Spaulding, B.S., Assistant Chemist.

#### THE STATE GEOLOGICAL SURVEY.

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Governor Edward F. Dunne, Chairman. Professor T. C. Chamberlin, Ph.D., D.Sc., LL.D., Vice-Chairman. President Edmund Janes James, Ph.D., LL.D., Secretary.

#### STAFF.

Frank Walbridge DeWolf, B.S., Director, Urbana.

Edward Bartow, Ph.D., Consulting Chemist in Water Analysis, University of Illinois, Urbana.

Ulysses Sherman Grant, Ph.D., Consulting Geologist in Lead and Zinc Studies, Northwestern University, Evanston.

Samuel Wilson Parr, M.S., Consulting Chemist in Coal Investigations, University of Illinois, Urbana.

Charles Wesley Rolfe, M.S., Consulting Geologist in Clay Investigations,

University of Illinois, Urbana.

Albert Victor Bleininger, B.S., Consulting Ceramist, U.S. Bureau of Standards, Pittsburgh, Pa.

Rollin D. Sallisbury, A.M., LL.D., Consulting Geologist in Preparation of Educational Series, University of Chicago, Chicago.

Fred Hall Kay, B.S., Assistant State Geologist, Urbana.

Thomas Edmund Savage, Ph.D., Geologist, University of Illinois, Urbana. Stuart Weller, Ph.D., Geologist, University of Chicago, Chicago.

Gilbert H. Cady, A.M., Assistant Geologist, Northwestern University, Evanston.

Raymond Silliman Blatchley, B.S., Geologist, Urbana.

E. Wesley Shaw, B.S., Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.

Henry Hinds, M.S., Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.

Justa M. Lindgren, A.M., Chemist, Urbana.

William Henry Herron, B.S., Geographer in charge of Topographical Surveys, Urbana, Ill., and Washington, D. C.

#### THE BOARD OF EXAMINERS IN ACCOUNTANCY.

Edmund Janes James, Ph.D., LL.D., President.

## BOARD OF EXAMINERS.

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David Kinley, Ph.D., LL.D., Chairman. Maurice Henry Robinson, Ph.D., Secretary. Charles Maxwell McConn, A.M.

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Edmund Janes James, Ph.D., LL.D., President.

#### STAFF.

College of Engineering-

\*William Freeman Myrick Goss, M.S., D.Eng., Dean.

Charles Russ Richards, M.M.E., Acting Dean. Harry Harkness Stock, B.S., E.M., Professor of Mining Engineering. Stephen Osgood Andros, A.B., B.S., E.M., Associate in Mining Engineering.

Special Mining Engineers and Field Samplers

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Fred Hall Kay, B.S., Assistant State Geologist.

Special Geologists and Field Samplers

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Joseph Austin Holmes, B.S., D.Sc., LL.D., Director, United States Bureau of Mines.

†Robert Young Williams, A.B., E.M., Mining Engineer, U. S. Bureau of Mines, Urbana, Ill.

‡John Thomas Ryan, B.S. (Min.), Assistant Mining Engineer, U. S. Bureau of Mines, Urbana, Ill.

John W. Koster, E.M., Assistant Mining Engineer, studying the use of Explosives.

Louis A. Scholl, B.S., Chemist, studying the explosibility of Coal Dust. Rudolph Kudlich, Assistant Engineer, studying Gasoline Locomotives.

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Edmund Janes James, Ph.D., LL.D., President,

#### STAFF.

Robert Young Williams, A.B., E.M., Director. Advisory Committee-

Charles Russ Richards, M.E., M.M.E., Professor of Mechanical Engineering, Head of the Department of Mechanical Engineering, and Acting Dean of the College of Engineering.

Harry Harkness Stock, B.S., E.M., Professor of Mining Engineering.

<sup>\*</sup> On leave. † Resigned December 31, 1913. ‡ Appointed, January 1, 1914

## SUMMARY OF STUDENTS—1912-13.

College and course.		Seniors.		Juniors.		Sophomores.		Freshmen.		Specials.			Totals.					
		Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.
Literature and arts— General literature and arts. Business Household science. Totals.	24 33  57	68 5 73	92 33 5 130	37 40 	66 2 32 	103 42 32 177	31 45  76	75 22 97	106 45 22 173	119 127  246	121 2 55 178	240 129 55 424	4 2 6	14 1 1 16	18 3 1 22	215 247  462	344 5 115 464	559 252 115 926
Science— General science. Medical preparatory. Household science. Chemistry. Chemical engineering. Ceramics. Ceramic engineering	38 3 8 13 5 4	7 11	45 3 11 8 13 5 4	22 7 6 8 9 3	9	31 7 9 6 8 9 3	15 12 5 19 9 8	6	22 12 6 5 19 9	50 36 22 28 23 15	7 18 1	57 36 18 23 28 23 15	21	1	3 1 1	127 58 41 69 46 30	31 45 1	158 58 45 42 69 46 30
Totals	71	28	89	55	18	73	68	13	81	174	26	200	3	2	5	371	77	448
Totals, arts and science	128	91	219	132	118	250	144	110	254	420	204	624	9	18	27	833	541	1,374
Engineering— Architecture. Architectural engineering. Civil engineering. Electrical engineering. Mechanical engineering. Mining engineering. Municipal and sanitary engineering. Railway civil engineering. Railway electrical engineering. Railway mechanical engineering.	22 18 33 22 18 3 2 1 2		22 18 33 22 18 3 3 2 1	43 17 47 80 54 5 9 2		43 17 47 80 54 5 9 2	38 27 56 53 49 8 4 2 2		38 27 56 53 49 8 4 2 2	97 67 78 122 138 9 7 2 3	1	98 67 78 122 138 9 7 2 3	3 3 1 1		3 3 1 1	203 129 217 280 260 25 24 8 6 7	1	204 129 217 280 260 25 24 8 6 7
Totals	124		124	259		259	240		240	524	1	525	12		12	1,159	1	1, 160
Agriculture— General agriculture Household science.		1 9	94 9	115	1 20	116 20	140	20	140 20	273	1 42	274 42	149	10 5	159 5	770	13 96	783 96
Totals	93	10	103	115	21	136	140	20	160	273	43	316	149	15	164	770	109	879

Music	2	3	5		7	7	1	6	7	1	35	36		33	33	4	84	. 88
Totals, undergraduates at Urbana	347	104	451	506	146	652	525	136	661	1,218	283	1,501	170	66	236	2,766	735	3,501
	For	urth y	ear.	. Third yea			rear Second		cond year.		First year.		Specia		cials.			:
Law Library				29			27	16	27 16	62	18	62 20			8	126 2	34	126 36
Totals, undergraduates and professional schools at Urbana																2,894	769	3,663
Graduate school																274	65	339
Summer session (1912), total registration																430 222	210 51	640 273
Net total																208	159	367
Totals at Urbana																3,376	993	4,369
Medicine	136	8	144	109	5	114	112	8	120	145	12	157	14	2	16	516	35	551
Pharmacy— Ph.G. course Ph.C. course							54 3		54 3	63 5	3	66 5	47 1		47 1	164 9	3	167 9
Totals, pharmacy							57		57.	68	3	71	48		48	173	3	176
Totals in Chicago														•••••		689	38	727
Totals in University. Deduct duplicates																4,065 4	1,031 5	5,096
Net totals	ļ	·····	:													4,061	1,026	5,087

# SUMMARY OF STUDENTS—1913-14.

College and course.		Senior	s	J	unior	s.	Sor	homo	res.	F	reshm	en.	s	Special	s.		Totals	
	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.
Liberal arts and sciences— General literature and arts. Business General science Medical preparatory Household science Chemistry Chemical engineering Ceramics Ceramic engineering.	29 21 6 	69 3 9 47	105 32 30 6 47 7 4 10 5	36 38 22 2 2 5 17 11 5	81 2 11 31	117 40 33 2 31 5 17 11 5	37 71 19 22 11 17 9	82 1 5 37 1	119 72 24 22 37 12 17 9	163 166 46 42 31 28 18 17	144 5 13 81 1	307 171 59 42 81 32 28 18	5 2 1 2	1	14 4 2 1 2	277 304 110 72  55 68 48 36	385 11 40 198 2	662 315 150 72 198 57 68 48 36
Totals	118	128	246	136	125	261	195	126	321	511	244	755	10	13	23	970	636	1,606
Engineering— Architecture. Architectural engineering. Civil engineering. Electrical engineering. Mechanical engineering. Mining engineering. Municipal and sanitary engineering. Railway civil engineering. Railway electrical engineering. Railway mechanical engineering.	27 19 40 17 40 5 7 3 3		27 19 40 17 40 5 7 3	34 20 38 62 40 6 2 2		34 20 38 62 40 6 2 2	41 44 42 50 58 5 12 2		41 44 42 50 58 5 12 2	95 80 82 124 136 25 9 4 8	2	97 80 82 124 136 25 9 4 8	1 1 2 2 1		1 1 2 2 1	198 164 204 253 276 42 30 11 12	2	276 42
Totals	163		163	205		205	258		258	567	. 2	569	7		7	1,200	2	1,202
Agriculture— General agriculture Household science.	122	1 20	123 20	122	1 8	123 8	160	2 24	162 24	<b>34</b> 8	5 75	353 75	86	3 5	89 5	838	12 132	850 132
Totals	122	21	.143	122	.9	131	160	26	186	348	80 .	428	86	8	94	838	144	982
Music	3	12	15	1	5	6		13	13	1	37	38		8	8	5	75	80
Totals, undergraduates at Urbana																3,013	857	3,870

	For	urth y	ear.	Third yea		d year.		Second ye		ear. Fi		First year.		1	1		!	1
Law Library school.				19		19	22	11	22 11	60	29	60 31	7		7	108	40	108 42
Totals, undergraduates and professional schools at Urbana.	·															3, 123	897	4,020
Graduate school																273	58	331
Summer session (1913)— Total registration Deduct students returned																441 224	272 74	713 298
Net totals, summer session																217	198	415
Totals at Urbana																3,613	1,153	4,766
Medicine (Chicago)	109	6	115	98	8	106	130	9	139	66	6	72	13	5	18	416	34	450
Dentistry (Chicago)				30	1	31	17		17	40	1	41				87	2	89
Pharmacy (Chicago)— Ph.G. course Ph.C. course							41 5	2	43 5	115 6	2 2	117 8	82		1	238 11	4 2	242 13
Totals							46	2	48	121	4	125	82		82	249	6	255
Total in Chicago																752	42	794
Total in University Deduct duplicates																4,365 18	1, 195	5.560 21
Net totals																4,347	1, 192	5,539

# PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1913.

# Meeting of July 5, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, at 12:30 P.M., on Friday, July 5, 1912, pursuant to the following notice which was sent out by the secretary on June 29, 1912:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the LaSalle Hotel, in Chicago, on Friday, July 5, 1912, at 12:30 P.M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Grout, Mr. Hatch, Mr. Hoit. President James was also present.

There being no quorum, the board adjourned, to meet at the La Salle Hotel, in the city of Chicago, on Saturday, July 13, 1912, at 12:30 P.M.

W. L. Abbott, President.

C. M. McConn, Secretary.

#### MEETING OF THE EXECUTIVE COMMITTEE, JULY 5, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, Chicago, immediately following the adjournment of the special meeting of the board on July 5, 1912.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mr. Hoit, a member of the board, and President James.

#### REPORTS OF COMMITTEE ON BUILDINGS AND GROUNDS.

The secretary presented the following reports from the Committee on Buildings and Grounds:

URBANA, April 20, 1912.

To the Board of Trustees of the University of Illinois:

Your Committee on Buildings and Grounds held a meeting at the University on this date. There were present: Mr. Abbott, Mrs. Busey, and Mr. Hatch, members of the committee, Messrs. Grout and Hoit, members of the board, and Professor White, Supervising Architect.

#### CAMPUS LIGHTING.

The committee considered the communication from the Welsbach Street Lighting Company of America, containing proposals for the furnishing and maintenance of lights for the University campus, which was referred to the committee on September 12, 1911, for consideration and report (Twenty-sixth Report, 1912, p. 477), and voted to recommend that no action be taken in the matter.

# IMPROVED LIGHTING IN THE LIBRARY,

The committee considered again the Supervising Architect's recommendation that \$400 be appropriated for improved lighting in the library. This recom-

# ERRATA.

Page 592, line 32: for "meeting," read "committee." The following cross-references to pages in this volume are omitted or erroneously printed. The correct reading in each instance is given here:

Page 180, line 15: page 118.

Page 181, line 41: page 170. Page 186, line 1: page 170.
Page 186, line 4: page 149.

Page 186, line 4: page 149,
Page 200, line 18: page 91.
Page 205, line 8: page 180.
Pages 210, 211, footnotes: page 228.
Page 223, line 21: page 179.
Page 259, line 15: page 160.
Page 688, line 18: page 663.
Page 688, line 22; page 662.

mendation was referred to the committee on November 10, with power to act (Report, 1912, p. 530); on December 12 the committee authorized the expenditure of \$125 out of the \$400 for improved lighting in the room of the Library School (Report, 1912, p. 534). It was voted to authorize the Supervising Architect to expend the remaining \$275 in accordance with plans submitted by him.

#### TEMPERATURE REGULATION, NATURAL HISTORY BUILDING.

It was voted to recommend that the request that \$1,600 be appropriated for the installation of temperature regulation in the old part of the Natural History Building, referred to the committee on December 12 for consideration and report (Report, 1912, p. 538), be not approved at the present time on account of lack of funds.

#### COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.

It was voted to authorize the completion of the top story of the Woman's Building, in accordance with plans to be agreed upon by the President of the University and the Supervising Architect, and to be submitted to the Committee on Buildings and Grounds for approval. This matter was referred to this committee on April 10, with power to act (Report, 1912, p. 581).

#### PAVING DRIVEWAY BETWEEN ENGINEERING AND PHYSICS BUILDINGS.

The committee considered Professor White's proposal for the paving of the driveway between Engineering Hall and the Physics Building, from Green Street to Springfield Avenue, at an estimated cost of \$3,500 (referred to this committee on April 10 for consideration and report, Report, 1912, p. 581); but no action was taken.

#### PAINTING.

The committee approved Professor White's request for an assignment from the State appropriation for buildings and grounds for the exterior painting of the following buildings at estimated costs as given below (this matter having been referred to this committee at the meeting of April 10, with power to act, Report, 1912, p. 582):

Report, 1912, p. 902).		
Agronomy Building		00
Horticultural Building	130	
State Entomologist's Building	$\bf 125$	
Woman's Building	200	
University Hall		
President's House		
North Greenhouses	300	00
South Farm Buildings	1,000	00
——————————————————————————————————————	99.005	
Total	\$2,885	:00

#### PAVING MICHIGAN AND LINCOLN AVENUES.

The committee considered the communication from the Mayor of Urbana with respect to the paving of Lincoln Avenue from the north end of the Forestry running south to the city limits, and of Michigan Avenue from Lincoln Avenue to Orchard Street (referred to this committee on April 10 for consideration and report, Report, 1912, p. 585), and requested the Supervising Architect to furnish further information, particularly with reference to the questions of drainage involved, and to make a recommendation with estimates.

# 1912 MEMORIAL.

A request from the Senior Memorial Committee of the Class of 1912 for the approval of a site for their proposed memorial (consisting of a light on a Doric column with a semi-circular seat 14 feet in diameter), a little to the south of Lincoln Hall, was referred to the Supervising Architect for recommendation.

#### FIRE INSPECTION.

To the Committee on Buildings and Grounds:

I enclose herewith correspondence relating to fire inspection of the University premises by the State Fire Marshal on January 18 and 19, 1912. Three inspectors visited us and looked through the buildings, spending about ten hours. No report has been made of their findings. They did not inspect either fire hose,

and in other ways the inspection was not the kind of one that we need. I recommend that our former plan of inspection be continued. Yours very truly,  $\mathbf{J}_{\mathtt{AMES}} \ \mathbf{M}. \ \mathbf{W}_{\mathtt{HITE}}.$ 

The committee adjourned.

Respectfully submitted, W. L. Abbott, Chairman.

May 3, 1912.

Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.

DEAR SIR: The Buildings and Grounds Committee held a meeting at the Blackstone Hotel, Chicago, May 2, 1912.

Present: Mrs. Mary E. Busey, Mrs. Laura B. Evans, Mr. Fred L. Hatch, Mr. W. L. Abbott.

State Architect W. C. Zimmerman was also present.

#### TRANSPORTATION BUILDING: BIDS AND CONTRACT.

A statement from the supervising architect was presented, giving a tabulation of bids received for the erection of the Transportation Building, as follows:

#### SCHEDULE OF BIDS ON THE TRANSPORTATION BUILDING-UNIVERSITY OF ILLINOIS.

Contractors.	"A" Building complete, four months.	"B" Building omitting north wing, four months.	"C" Building complete, ten months.	"D" Building omitting north wing, ten months.	"E" Price per cu. yd. add. excava- tion.	"F" Price per cu. ft. add. cencrete in foun- dation.
V. Jobst & Sons English Bros W. M. Allen, Son & Co Fitzsimmons-Wheeler Con.	\$106, 150 00 107, 878 00 109, 521 00 No bid	85,500 00 87,721 00	104,378 00	82,000 00 80,401 00	\$0 60 50 75 50	25

After full consideration, it was voted to direct the State Architect to award the contract to V. Jobst & Sons for the erection, within four months of date of contract, of the entire building, omitting the north wing, at a price of

\$83,250.

The architect was directed to draft a contract which would provide for the pullding by the same contractor within The architect was directed to draft a contract which would provide for the erection of the remaining portion of the building by the same contractor within four months of date of notice to proceed with the work, providing such notice is given within two months of the date of the original contract; the cost of the entire building in that case to be \$106,150. The architect was also directed to provide in the contract for a sufficient penalty to insure the completion of the building within the time limit specified.

#### 1912 MEMORIAL.

A communication from the supervising architect was read, recommending that the Class of 1912 be permitted to locate a Senior Memorial just west of Burrill Avenue and between the Woman's Building and Lincoln Hall; the memorial to consist of a Doric column 12 feet high, with a half-circle seat 14 feet in diameter, all of stone. The recommendation was approved.

Committee adjourned.

Respectfully submitted, W. L. Abbott, Chairman.

The foregoing reports of the Committee on Buildings and Grounds, of the dates of April 20, 1912, and May 3, 1912, were approved in full.

# REPORT OF COMMITTEE ON AGRICULTURE. ROOFING OF COURT OF AGRICULTURAL BUILDING.

The secretary presented the following report from the Committee on Agriculture:

URBANA, April 20, 1912.

To the Board of Trustees of the University of Illinois:

Your Committee on Agriculture, at a meeting held at the University on this date, with all the members present, authorized the roofing of the court of the Agricultural Building, at a cost of \$6,000, as recommended by the Dean of the

College, and voted that the Supervising Architect be instructed to proceed at once with this construction; this matter having been referred to the committee, with power to act, at the meeting of March 19, 1912 (Report, 1912, p. 570).

Respectfully submitted,
FRED L. HATCH,
A. P. GROUT,
O. W. HOIT,
Committee on Agriculture.

The foregoing report of the Committee on Agriculture, of the date of April 20, 1912, was received for record.

#### REPORT OF JOINT COMMITTEE ON BUILDINGS AND GROUNDS AND AGRICULTURE.

The secretary presented also the following report of a joint meeting of the Committee on Buildings and Grounds and the Committee on Agriculture:

URBANA, ILL., April 20, 1912.

To the Board of Trustees of the University of Illinois:

Your Committees on Buildings and Grounds and Agriculture held a joint meeting at the University on this date. There were present: Mr. Abbott and Mrs. Busey, of the Committee on Buildings and Grounds; Messrs. Grout and Hoit, of the Committee on Agriculture; Mr. Hatch, member of both committees, and Professor White, Supervising Architect.

#### HORTICULTURAL GREENHOUSES: LOCATION AND APPROPRIATION,

The joint committee considered the request for authority for the removal of the horticultural greenhouses with the necessary extensions and grading, which was referred to these committees on April 10 for consideration and report (Report, 1912, p. 582), and voted to recommend to the board:

(1) That the present horticultural greenhouses be not removed at this time.

(2) That the new greenhouses be constructed on the locations already approved by the board (Report, 1912, pp. 461, 505, 557).

(3) That an appropriation of \$50,000 be made for this purpose (Report, 1912, p. 489).

n. 489).

Respectfully submitted,
W. L. ABBOTT,
MARY E. BUSEY,
A. P. GROUT,
FRED L. HATCH,
O. W. HOIT,
Joint Committee.

The foregoing report from the Committees on Buildings and Grounds and Agriculture, of the date of April 20, 1912, was approved in full.

#### DEGREES CONFERRED.

The secretary presented for record the lists of students upon whom degrees were conferred at the Forty-first Annual Commencement held on June 12, 1912.

The following is a summary of these degrees:

#### SUMMARY OF DEGREES.

Honorary Degrees—LL.D.         Degrees in the Graduate School—         A.M.       46         M.S.       39         C.E.       3         E.E.       1         M.E.       4         Ph.D.       20		2
Total          Baccalaureate Degrees—          A.B., College of Literature and Arts       164         A.B., College of Science       44         B.S., College of Science       20         B.S., College of Engineering       195         B.S., College of Agriculture       68         B.Mus., School of Music       2	113	
Total	493	

Degrees in Law—   LL.B.   J.D.			
Total		$\begin{array}{c} 26 \\ 12 \end{array}$	
Totals, Colleges and Schools in Urbana  Degrees in Medicine—M.D.  Degrees in Dentistry—D.D.S.  Degrees in Phamacy—  Ph.G.  Ph.C.	34 3	145 36	644
Total		3.7	
Total, departments in Chicago			218
Total, all departments			864

#### LIST OF DEGREES,

THE COLLEGES AND SCHOOLS AT URBANA. (Degrees conferred June 12, 1912.)

#### THE COLLEGE OF LITERATURE AND ARTS.

DEGREE OF BACHELOR OF ARTS.

In Specialized Courses, Thesis Required.

Paul Everett Belting, Grace May Bookwalter, Louise Kathryn Goebel, Byne Frances Goodman, Louis Hill Gourley, Mary Anna Haan, Homer Hall, Charles Elmer Holley, Emma Augusta Krause, Frank Bonner Leonard,

In General Courses.

Itsu Maki, Joseph Allan Nevins, Florence Armina Olson, Adolf Edward Zucker.

Rhoda Gilmour Adriance, Arthur Joseph Albrecht, Hazel Ellen Alkire, Louise Christabel Armstrong, Aulah Winifred Bach, Raker, Beulah Winifred Bach, Laura Minerva Baker, Mary Cordelia Barry, Olive Ruth Beckington Clarence Summervelle Bennett,
Simon Addison Bennett,
Simon Addison Bennett,
Robert Overton Black,
Augusta Eleanor Bond,
Eugenia Bradley,
Flora Margaret Case,
Elizabeth Henrietta Cass,
Sharman Cass Sherman Cass, Alta Ferne Chipps, Delmar Gross Cooke, Luvern Henrietta Crawford, William Leslie Crow, Frank Clifford Dean, Frank Clifford Dean, Eva Ames Dedrick, William Hovey Dewey, Louise Mabelle Eiszner, Nellie Tanner Erskine, Alvin Isaac Farr, Louis Eugene Fayart, Laura Estelle Fisher, Harrison, Ohiah Elatt Harrison Obiah Flatt, Gertrude Wallace Flem-

ing, Paul Bucher Fritchey, Irene Mason Funk,

Amelia Louise Gay.

Leonard Wood Glover. Julius Ludwig Goebel, Donald Karel Groves. Evangeline Eunice Groves, Percy Wilcox Gumaer, Alfred Chester Hanford, Bernice Harrison, Hazel Charlotte Hart, Hazel Charlotte Hart, Susan Alice Hash, Elizabeth Mary Hatch, Lloyd Lannes Helm, Bessie Edna Hersman, Clyde Monroe Hobart, Charles Marshall Kennan, Josephine Kirk, Frances Kirkwood, Guy Jink Koons, Nellie Bly Lamb, Ruth Leonard, Edna Lewis, Katharine Lewis. Ruth Marie Rebecca Lindberg,
Lulu Leah Littlejohn,
Caroline Luther,
Dwight Wesley McCoy,
Elizabeth Roberts McGill,
Liesette Jane McHarry, Paul Harmon McKee, Charlotte Mae Mattoon, Mabel Lucile Miller, Marie Maud Miller, Eva Mitchell,

Louise Minnie Nierstheimer, Lillian Genevieve Noth, Amy Marie Overland, Anna Lorine Peck, Wilma Edith Ponder, Hattie Mildred Poor, Luella Florence Powers, Luella Florence Powers,
Grace May Robinson,
Pearl Iola Ropp,
Tenjes Henry Schutte,
Otto Erwin Seiler,
John Armstrong Sellards,
William Andrew Shirk,
Nellie Marie Signor,
Clara Sinclair,
Willis Daniel Slonneger,
Amanda Emma Stapel Amanda Emma Stapel,
Carl Stephens,
Edna Louise Stone,
Gladys Lee Straight,
Mildred Virginia Talbot,
Florence Mae Tanner,
Alice Cary Thayer,
Louis Arthur Tohill,
Hugh Harrison Tolman,
Orla Alamon Towns,
Margaret Jane Treat,
Edith Joy VanCleve,
Leuwa Lillian VanCleve,
Laura Lillian VanCleve,
Harmon Ebert Waits,
Courtland Kirke White, Amanda Emma Stapel, Courtland Kirke White, Asa J. Wilbourn, Edward Kitchell Witcher, Ethel West Wright, Ruth Lincoln Whitaker.

(With Thesis.)

Arthur Caryl Kelley, Arnold Cyrus Van Zandt,

In Business Courses.

Margaret Moschel, Cleda Virginia Moses, Nellie Irene Mourning,

Delbert George Girton, John Eubanks Gossett, Charles Edwin Vear, George John Zimmerman. Philip Sidney Hanna,

(Without Thesis.)

Herbert Augustus Acer, Walter Wilford Ainsworth,
Oscar Roland Baines,
Franklin William Bauer,
Arthur Edward Baum,
Charles Wesley Beall,
Elmer Royal Block,
Irving Polhemus DeMott,
Thomas Dunn,
Thomas Lloyd Haines, Jr.,

Otho Manson Henn,
Harold Harvey Herbert,
Atherton Wells Hobler,
Charles Augustus Lamb,
Ananias Charles Littleton,
Andrew Henry McConnel,
Francis Xavier McGrath,
Ray Clark McLarty,
John Joseph McQuaid,
John Edson Millizen,

Cirilo Joseph Mullen, Chester Corwin Roberts, Walter Roman, Jr., Lewis Melvin Russell, Isidore Max Shapiro, George Augustine Simons, Raymond Rogers Thomas, Charles Howard Warnock, Edward Everette Waters, Walter Harry Weber.

In Household Science.

(With Thesis.)

Clara Mary Eckhardt.

(Without Thesis.)

Mamie Anna Baldwin, Mabel Florence Bebb, Bessie Busey Hoult, Eva Jane Jackson, Nellie Irene McClurg, Carrie Isabel Needham, Anna Belle Robinson, Bertha Henrietta Strauch.

THE COLLEGE OF SCIENCE.

DEGREE OF BACHELOR OF ARTS.

In General Science.

(With Thesis.)

M. D. Abney, Arthur Thompson Evans, Nelle Melissa Rietz,

Walter Boatman Wor-

(Without Thesis.)

Stacy Collins Bates, Benjamin Rudolph Belsley, Edward Brow Blaisdell, Charles Edwin Caldwell,

Charles Edwin Caldwell, Jr., Louis Edwin Dallenbach, Viola Constancia Fraser, Daniel Webster Gaskill, William Hawkes. Henry Benjamin Henley,
Robert Morrow Henley,
George Edward Hinchliff,
Nellie Nancy Hornor,
Harold Bennett Ingersoll,
William Riddle Kent,
Ralph Rice Lewis,
Wallace Robert McConnell,
Idris Nelson.

John Breen Phillips, Samuel Ralph Powers, Grace Anne Rust, Colin Campbell Simpson, Aubrey Dayton Spence, James Vail Stevenson, William Lincoln Taylor, Minnie Vautrin, Horace Smith Wilson.

In Household Science.

Pearl Winifred Ashton, Alice Biester, Roberta Margaret Brown, Edith Mae Elmendorf,

Josephine Alice Happer.

In the Six-Year Medical Course.

Edward Dewalt Allen.
Theodore Andrew Baumann,
Lester Edward Bowers.

Lang Fulton Bowman, Melville Joseph Eames, Hamilton Rodell Fishback, Milo Kirk Miller, Erich Wilhelm Schwartze, Lynn Brian Vaughan.

DEGREE OF BACHELOR OF SCIENCE.

In General Science.

John Paul Hanna,

William Meyer.

In Ceramic Engineering.

(With Thesis.)

Otto Springe.

In Chemistry.

Ralph Pillsbury Gates, Edward Emil Hollmann, Herbert Thal Leo,

Elias Mandel, Floyd William Mohlman, Julius John Mojonnier, John Victor Tinen.

#### In Chemical Engineering.

José Oriol Carrero, Arthur Dechman, Charles Kay Hewes, Arthur Lyle Israel, Paul Evangel Johnston, Halbert P. MacGregor, Robert John Quinn, Charles Rascher,

Vinayak Yeshawant Shewade, Charles Herbert Spaulding.

#### THE COLLEGE OF ENGINEERING.

#### DEGREE OF BACHELOR OF SCIENCE.

#### In Architecture.

Lewis Allen Brubaker. Herbert Lovewell Cheney, Leon Joseph Corbey, John Goodfellow Fleming, Galen Van Rensselaer Gloyd, Charles Leroy Gustafson, John Baldwin Hawley, Robert Taylor Jones, Eugene Harris McFarland,
Alfred Edgerton Manierre,
A. B., Yale University, 1902,

Max Alfred Montgomery, Frederick Lindley Morgan,
Joseph Colby Nelson,
George Erwin Ramey,
Gregory Vigeant, Jr.,
George Ellery Wright.

#### In Architectural Engineering.

Walter Charles Berkemeyer,
Fred Robert Dewend,
John Lewis Ernst,
William Howard Farnum,
Herbert Edward Foster,
William Sumner Gentry, Jr., en Gest, A.B., Au tana College, 1903,

Paul Harned Gillan, Edmund Gottlieb Hoeppner, ner, William Verity Ingram, Clarence Abel Klooster, Elwin Valentine Kratz, James Ralph Montigel, Joseph Raymond Nay, Cyrus Edmund Palmer.

Isidor Raffin, Sidney Clen Rathfon, Victor Robert Sladek, Lawrence Orville Stocker, John Bruce Sutherland, Jr. Walter Charles Voss, Jesse Raymond Wheaton.

#### In Civil Engineering.

Charles William Bremner, Oscar Ernest Bulkeley, Roy Rudy Carter, Denison Williams Chapman, James Henry Coulter, John Walker Davis, Charles Edmund De Leuw, Philip Raymond Elfstrom, Alexander Watmough Erskine, James Stuart Findley, Lewis Nebinger Fisher, Charles Warren Grainger, Viggo Hansen, Claude Leroy Hanson, George A. Harnack, Koichi Hattori,

James Herbert Hewitt, A. B., McKendree College, 1908, Chih Hsu, Joseph Earl Huber, Paul Kircher AAA, 1911 Paul Kircher, A.A., 1911, Lionel Lyman Livingstone, elsh Walker Man-Welsh speaker, speaker,
Sidney Griswold Martin,
Charles Willard Mathews,
David Blair Maver,
William Raphael McIntire,
Forrest C. McNary,
Guy G. Mills,
Howard Dimick Myers,
Robert Harold Nau, William Niehaus,
As of the class of 1884,
Charles H. West.

Harry Polkowski, Juan Portuondo y Miyares, Lewis Lawrence Powell, Reuben Lawrence Sandberg, Alexander Louis Scholz, John Francis Seifried, Cecil James Shapland, John Wilhelm Simmons, Jr., Edward B. Styles, Harvey Franklin Wagner, Anthony William Wand, George Edward Warren, Ben J. Wilson, William Paxton Witt,

#### In Electrical Engineering.

Frederick Davis Hull. Ross Darwin Ingalls, Roy Ernest Jewett, Genjiro Jinguji, Genjiro Jinguji,
Frank Spencer Kailer,
Albert Fabrian Landsea,
Rudolph McDermet,
Carl Elmer Merris,
Harry Edgar Montgomery,
Leo Elwood Moser,
Norris Fay Murray,
Henry Nafziger,
Charles Sol Narkinsky,
Fred Melvin Nourse,
Harold Anthony Otis,
Lester Leroy Phillips,
David Chandler Prince,
Fred Delong Rexwinkle, Fred Delong Rexwinkle, Harry Ogden Saunders, Chester Schenck, Leo Vincent Schundner,

Robert St. Clare Seese, Alexander McDougal Simons,
Cloyd Clayton Smith,
Glennville Edv Edward Stewart, Ira Brokaw Stiefel, John William Stokes, Charles Michael Sullivan, Horace Conrad Swannell, Christian Bernhard Bernhard Thvedt, Archibald Beebe Van Archibald Beebe va Deusen, Harrie Earl Vandeveer, Claude Van Gundy, Roy L. Vaniman, Melvin Eichberg Weil, Frank Harland Wilson, John Edward Wright, Pobert Gardner Young. Robert Gardner Young.

Leo Mahlon Apgar, Glen David Bagley, Jefferson Hall Belt, Arthur Melton Chavous, John Robert Colville, Valentin Confesor, Edwin Lewis Connell, Herbert Glenn Derry, John Joseph Desmond, Harry Allan Doane, Otis Bond Dorsey, Harry Fedde, Clarence William Fick, Clarence William Fick, Harry Forest Geist, Arthur Solomon Giddings, Willis Gaylord Gordon, Lester Herbert Graves, Percy Wilcox Gumaer, Valentine Bernard Ha-

brylwicz

Don Llewelyn Hays,

#### In Mechanical Engineering.

Grover Samuel Arbuckle, Eugene Patrick Bradley. Eugene Patrick Bradley,
Howard Monreau Butters,
Donald Erskine Buyers,
Arthur Foster Connard,
Philip R. Dunton,
John Edward Evans,
Per Alexander Faust,
Harry Franklin Glair,
Frank Ellwood Gooding,
Lonsdale Green, Jr.,
Samuel Elza Gregg,
Egbert Joshua Hasselouist. quist.

Charles Nelson Kell, Alfred Henry Kerndt, Harry John Klotz, Herman Charles Krannert,
Leigh Meryl Matthews,
Earl Nels Mattson,
Paul Keiter Miles,
Guy Lyman Morrill,
Francis Stanley Nicki,
Chauncey Bristol Oliver,
Benjamin Salisbury Pfeiffer.

George West Philleo, George Audas Ranson, Thomas Leo Robinson, Theodore James Schance, Frederick John Schlink, Paul Charles Simonini, Faul Charles Simonini, Rafael Arcangel Soto, John McClure Sponsler, Ambrose Carl Stahl, John Nelson Todd, Walter Van Turner, Lawrence Martin Wenter. George Glenn Wiley.

#### In Mining Engineering.

Ernest Jerome Rossbach, Archie Lewis Voight.

#### In Municipal and Sanitary Engineering.

Fred Guyon Gordon. Clarence Irwin Haven, Harry Francis Jahn. William Cecile Lorenzen, Samuel Leslie Miller.

#### In Railway Civil Engineering.

lain.

Lucius Orville Chamber- Elair Dilworth Duval,

Roger LeRoy Morrison, A. B., 1911.

#### In Railway Electrical Engineering.

Cyrus White Bassett, Ralph Walker Booze,

Robert Haymond Clarke, Charles Gordon.

#### In Railway Mechanical Engineering.

Harry Ellis Marquette.

Victor Alvin Mathis.

# THE COLLEGE OF AGRICULTURE.

#### DEGREE OF BACHELOR OF SCIENCE,

#### In Agriculture.

Arthur William Abbott, Ralph Allen, Jr., Ralph Allen, Jr.,
Orr Allyn,
Guy Vernon Anderson,
Charles William Attebery,
Ernest Robert Baldwin,
Orley Glen Barrett,
Kenneth Bebb,
Cyrenius Beers, Jr.,
Charles Henry Belting,
Arthur Ernest Burwash,
Morton Russell Carlson,
Harold Clayton M. Case,
Harold Smith Cash,
Vun-din Chinzun Chang, Vun-din Chinzun Chang, William Gladstone Clark, Joel Simmons Coffey, Carl Colvin, Robert William Dickenson.

Charles John Elliott,
Orland I. Ellis,
Ralph John Garber,
Joseph Peacock Green,
Harry Norman Hays,
Ross Barber Hostetter,
Robert R. Hudelson,
Homer Boys Hull,
Donald Jackson Kays,
George Brophy Kendall,
George Driver Laing,
Fred Dickerson Lewis. Fred Dickerson Lewis, Raymond Andrew Nelson, Charles Ivan Newlin, Matthew Simpson Parkhurst,
Harry McLaughlan Parsons,
Charles Alexander Purcell,

As of the Class of 1885, Alfred Noyes Abbott.

Edward Melville Rhodes, Edward Melville Rhode LL. B., 1900, Paul Thomas Robinson, Floyd Elza Rusher, Otto Julius Schwartz, John Sheay, Charles LeRoy Simons, Alden Eugene Snyder, Dana Hugh Stevenson, Clarence Miller Stitzel, Fred Earl Sweitzer, Fred Earl Sweitzer,
Thomas Augustas Symons,
John Paul Thome,
Ernest DeWitt Turner,
Joseph McNaughton Vial,
John Richard Wells,
Ralph Ray Wells,
Clifford E. Wheelock,
Collett Everman Wool-Collett Everman Woolman.

#### In Household Science.

Geneva Mae Bane, Juliet Lita Bane, Eva Lena Blair, Georgia Elizabeth Fleming.

Ivaloo Genung, Grace Glasgow, Ruth Glasgow, Pearl Hazelette Goben, Florence Harriett Grabbe,

Carrie Elsie Hoskins, Edna Hoskins, Louise May Jenner, Mary Ethel Miner.

# THE COLLEGE OF LAW.

#### DEGREE OF BACHELOR OF LAWS.

De Witt Billman, Edwin Van Meter Chamndom van meter Champion, Wilfred Moran Doherty, Edward Louis Eagle, Chester Owen Fischer, Winfield Corwin Gilmore, Logan Glasgow Griffith, Albert Leander Hall, Dorris Nelson Hitch, Harold Everett Huber, Henry Jerome Ingram, Thomas Jefferson Kastel, Abner Fred Kendall, Harry Edward Kerker, Paul Bliss Lauher, Herman Mohr, Ralph Monroe,

Tirrie Ostin Prather, Raymond George Real, Charles Simeon Roberts, Lynn Callsen Sieberns, Peter Charles Walters, Charles Provine Webb, Charles Wham, Lloyd Garrison Williams.

DEGREE OF DOCTOR OF LAW.

John Larimer Kagy, A.B., 1909.

THE SCHOOL OF MUSIC.

DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Rosa-Lee Gaut

Amy Irwin Hampton

#### THE LIBRARY SCHOOL.

#### DEGREE OF BACHELOR OF LIBRARY SCIENCE.

Clara Mable Brooks. Winifred Fehrenkamp Winifred Fehrenkamp.
Emma Felsenthal, Ph.B., University of Chicago, 1910.
Aurella Knapp, A.B., Illinois Wesleyan University, 1909.
Myrtle Elizabeth Knepper, A.B., Highland University, 1907.
Margie Ethol Langdon, A.B., Nebraska Wesleyan University, 1907.
Frances Willard Mathis, B.L.S.
Mary Gertrude Morton, B.L., Ohio Wesleyan University, 1905.
Catharine Susan Oaks, A.B., William Smith College, 1912.
Honor Louise Plummer, A.B., University of Colorado, 1907.
Myrtle Anna Renz.
Emily Robison, A.B., Temple University, 1909.

#### THE GRADUATE SCHOOL.

DEGREE OF MASTER OF ARTS.

In Botany.

Ida Emily Akin, A.B., Indiana University, 1908. Jessie Emma Baldwin, A.B., 1908.\* John Hamilton Whitten, A.B., 1911.

#### In Chemistry.

Harry Fielding Hadley, A.B., James Millikin University, 1911.

#### In Classics.

Cyrus Stokes Gentry, A.B., McKendree College, 1911. Hazel Hardin, A.B., DePauw University, 1908. Ada Viola Hoover, B.S., Carthage College, 1911. Georgia Kellar Slough, A.B., Hedding College, 1908. Helen Gertrude Watson, A.B., Hedding College, 1911.

#### In Economics.

Thomas Walter Samuels, A.B., 1909. Charles Leslie Stewart, A.B., Illinois Wesleyan University, 1911. Charles Jacob Stowell, B.S., Illinois Wesleyan University, 1911.

#### In Education.

Simeon James Bole, A.B., University of Michigan, 1906. Frank Leslie Clapp, B.S., Lincoln College, 1911.

<sup>\*</sup> Where no institution is named after a degree, that degree has been conferred by the University of Illinois.

Sherman Henry Littler, A.B., 1911. Percy Almerin Smith, A.B., 1901. Edward Everett VanCleve.

In Geology.

Walter Elmer Ekblaw, A.B., 1910.

In History.

Elizabeth Parnham Brush, A.B., Smith College, 1909. Jessie McHarry, A.B., 1911.

In Household Science.

Anna Waller Williams, A.B., 1907.

In Mathematics.

Florence Gabrille Baxter, A.B., 1911. Edward August Theodore Kircher, A.B., 1911. Howard Baker Kingsbury, A.B., 1909. Louis Clark Mathewson, A.B., A.M., Albion College, 1910, 1911. Mary Emma Renich, A.B., 1911. Charles Richard Wilson, A.B., Illinois College, 1911.

In Modern Languages.

(English.)

Flora Alice Denby, Ph.B., Blackburn College, 1911. James Orton Huff, A.B., 1911. Frances Marjorie Kilburn, A.B., Rockford College, 1911. Vera Jessie Snook, A.B., 1911. Irene Elizabeth Staley, A.B., James Millikin University, 1909. Ralph Earle Tieje, A.B., 1910.

(German.)

Sara Adelaide Fleming, A.B., Greenville College, 1907. Esther Massey, A.B., 1905. Wilhelmina Marie Schaffer, A.B., Lake Forest College, 1911.

In Philosophy.

Delton Thomas Howard, A.B., Lawrence College, 1910.

In Physiology.

Julian Herman Lewis, A.B., 1911.

In Political Science.

Harry Ewald Heeren, A.B., Shurtleff College, 1911. Frederick Emerson Merrills, A.B., Harvard University, 1911. Milton Winfield Thompson, A.B., 1910.

In Psychology.

Elisabeth Mary Hatch.

In Sociology.

Manuel Conrad Elmer, B.S., Northwestern College, 1911. Josie Batcheller Houchens, A.B., Tulane University, 1903; B.L.S., 1905. Julius Adam Reinemund, A.B., Augustana, College, 1911.

In Zoology.

Panzy Louise Barger, B.S., Tarkio College, 1911.

#### DEGREE OF MASTER OF SCIENCE.

#### In Agronomy.

Charles Francis Ferris, B.S., 1911.

Axel Ferdinand Gustafson, B.S., 1907.

Hua Ching Ou, A.B., Peiyang University 1906; B.S., 1911.

Jay Boardman Park, A.B., 1908.

Jonathan Winborne White, B.S., Agricultural and Mechanical College of North Carolina, 1903.

#### In Animal Husbandry.

William Herschel Smith, B.S., University of Nebraska, 1906.

In Architecture.

Edward Roy Ludwig, B.S., 1911.

In Botany.

Grace Glasgow. Ruth Glasgow.

#### In Chemistry.

Jesse Melangthon Barnhart, B.S., 1906.
Olaf Bergeim, B.S., South Dakota State College, 1908.
Norman Robert Blatherwick, B.S., Grinnell College, 1909.
John Henry Bornmann, B.S., 1910.
Harry Peach Corson, B.S., New Hampshire College, 1910.
Lawrence Turner Fairhall, B.S., 1911.
John Harris Mitchell, B.S., Alabama Polytechnic Institute, 1903, 1904.
David Wright Wilson, B.S., Grinnell College, 1910.
Theodore Frederick Zucker, Graduate Concordia College, 1907.

#### In Civil Engineering.

Raymond Jefferson Roark, B.S., 1911.

In Dairy Husbandry.

Royden Earl Brand, B.S., 1909.

# In Electrical Engineering.

Arvid Robert Anderson, B.S., 1911.
Charles Thomas Anderson, B.S., 1911.
Claudius Edmund Bennett, B.S., University of Nebraska, 1909.
Charles Day Black, B.S., 1911.
Mati Lal Dutt, B.S., 1911.
Fred Jay Gray, B.S., 1911.
Owen Eugene Grigsby, B.S., 1911.
Leonard Vaughan James, B.S., 1906.
Melvern D. Overmier, B.S., 1911.
William Fred Schaller, B.S., 1910.
Trygve D. Yensen, B.S., 1907.

#### In Horticulture.

Charles Elmer Durst, B.S., 1909.

# In Household Science.

Katherine Jensen, B.S., North Dakota Agricultural College, 1904.

#### In Mathematics.

Irby Coghill Nichols, B.S., A.M., University of Mississippi, 1906, 1908.

#### In Mechanical Engineering.

Ray Boyd Ponder, B.S., 1911.

#### In Physics.

Lloyd Theodore Jones, A.B., A.M., Lake Forest College, 1909, 1910.

In Theoretical and Applied Mechanics.

Floyd Hays Millard, B.S., University of Colorado, 1910.

#### In Zoology.

Charles Frederick Curtis Riley, A.B., University of Michigan, 1905. Sewall Green Wright, B.S., Lombard College, 1911.

THE PROFESSIONAL DEGREE IN ENGINEERING.

DEGREE OF CIVIL ENGINEER.

Charles Baker Burdick, B.S., 1895. Guy Henry Rump, B.S., 1904. Willis Appleford Slater, B. S., M.S., 1906, 1910.

DEGREE OF ELECTRICAL ENGINEER.

Alexander Dawes DuBois, B.S., 1899.

DEGREE OF MECHANICAL ENGINEER.

George Wallace Hubbard, B.S., 1899. Edward Spencer Keene, B.S., 1890. Charles Trescott Ripley, B.S., 1909. Alwin Louis Schaller, B.S., 1907.

#### DEGREE OF DOCTOR OF PHILOSOPHY.

#### In Agronomy.

Albert Lemuel Whiting, B.S., Massachusetts Agricultural College, 1908; M.S., Rhode Island State College, 1910.

#### In Animal Husbandry.

Walter Edward Joseph, B.S., Purdue University, 1907. Richard Hermon Williams, B.S., Toronto University, 1905; M. S., 1907.

#### In Botany.

Charles Francis Briscoe, A.B., Indiana University, 1899; A.M., 1904.

#### In Chemistry.

Stuart Jeffery Bates, A.B., A.M., McMaster University, 1907, 1909.
James Everett Egan, A.B., DePauw University, 1908; A.M., 1910.
Hugh Byron Gordon, A.B., Miami University, 1908; A.M., 1910.
Leonidas Rosser Littleton, A.B., Southern University, 1907; A.M., Tulane University, 1910.
Ellison Lloyd Ross, B.S., Iowa State College, 1904.
Earle Kenneth Strachan, B.S., Worcester Polytechnic Institute, 1908; M.S., 1910.

#### In Entomology.

Maurice Cole Tanquary, A.B., A.M., 1907, 1908.

In History.

Paul Frederich Reiff, Ph.D., Basel, 1901.

#### In Mathematics.

William Wells Denton, A.B., University of Michigan, 1907; A.M., 1909.

#### In Modern Languages.

(English.)

Franklin William Scott, A.B., A.M., 1901, 1903. Arthur Jerrold Tieje, A.B., A.M., Cornell University, 1903, 1904.

#### (German.)

Margaret Lewis Bailey, A.B., Cornell University, 1903;; A.M., 191 Vincent Hollis Todd, A.B., Harvard University, 1907; A.M., 1910. 1910.

#### In Physics.

Samuel Herbert Anderson, A.B., A.M., Park College, 1902, 1903. David William Cornelius, A.B., DePauw University, 1906. Jacob Garrett Kemp, A.B., A.M., 1906, 1910.

#### HONORS.

The secretary reported for record that the following honors have been awarded by the University for excellence in scholarship:

#### THE DEGREE OF A.B. WITH HONORS.

IN THE COLLEGE OF LITERATURE AND ARTS.

Paul Everett Belting, in Philosophy. Louise Katheryn Goebel, in German. Byne Frances Goodman, in History. Louis Hill Gourley, in French.

Frank Bonner Leonard, in Economics. Joseph Allan Nevins, in English. Florence Armina Olson. Adolf Edward Zucker, in German.

#### SPECIAL HONORS.

IN THE COLLEGE OF SCIENCE.

Otto Springe, in Ceramic Engineering. Floyd William Mohlman, in Chemistry. José Oriol Carrero, in Chemical Engi-

Arthur Lyle Israel, in Chemical Engineering. Charles Rascher, in Chemical Engineerneering. ing. Charles Kay Hewes, in Chemical Engi- Nelle Melissa Rietz, in Zoölogy.

#### IN THE COLLEGE OF ENGINEERING.

George West Philleo, in Mechanical John William Stokes, in Electrical Engineering. arvey Franklin Wagner, Engineering David Chandler Prince, in Electrical Harvey in Civil Engineering. Engineering.

IN THE SCHOOL OF MUSIC.

Rosa-Lee Gaut.

#### FINAL HONORS.

IN THE COLLEGE OF SCIENCE.

Alice Biester, Louis Edwin Dallenbach, Nellie Nancy Hornor,

neering.

Arthur Lyle Israel, Floyd William Mohlman,

Nelle Melissa Rietz, Minnie Vautrin.

#### IN THE COLLEGE OF ENGINEERING.

Glenn David Bagley, Roy Rudy Carter, John Robert Colville Edwin Lewis Connell, John Walker Davis, Lewis Nebinger Fisher, Paul Harned Gillan, James Herbert Hewitt,

Joseph Earl Huber, Elwin Valentine Kratz, Lionel Lyman Livin Lyman Livingstone Paul Keiter Miles, George West Philleo, David Chandler Prince, Chester Schenck,

John William Stokes, Deusen, Roy L. Vaniman, Walter Charles Voss, Harvey Franklin Wagner.

#### IN THE COLLEGE OF AGRICULTURE.

Harold Clayton M. Case, Georgia Elizabeth Fleming.

Robert R. Hudelson, Donald Jackson Kays,

George Brophy Kendall, Dana Hugh Stevenson.

IN THE LIBRARY SCHOOL.

Emma Felsenthal.

THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE. Edward Roy Ludwig, 1911.

# COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

The secretary reported also for record that the following officers of the University Corps of Cadets have received commissions in the Illinois National Guard:

Arthur William Abbott, Leo Mahlin Apgar, Glen David Bagley, Kenneth Bebb, Walter Charles Berkemeyer,
William Gladstone Clark,
Louis Edwin Dallenbach,
Lester Herbert Graves,
Edmund Gottlieb Hoepp ner.

Homer Boys Hull, Ross Darwin Ingalls, William Verity Ingram, Arthur Lyle Israel, Paul Kircher, Charles Kran-Herman nert, Herbert Thal Leo, William Raphael McInSidney Griswold Martin, Leigh Meryl Matthews, Leo Vincent Schundner, Victor Herbert Sladek, Fred Earl Sweitzer, Archibald Beebe V Deusen, Walter Charles Voss, John Richard Wells.

The University gold medal has been awarded to Harry Otto Danz. The Hazleton gold metal has been awarded to Henry Kellogg Sheldon.

tire.

#### DEGREES IN THE DEPARTMENTS IN CHICAGO.

The secretary presented also for record the lists of students of the Colleges of Medicine and Dentistry, and the School of Pharmacy, upon whom degrees were conferred on the dates indicated.

#### THE COLLEGE OF MEDICINE.

DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

(Conferred June 4, 1912, in Chicago.)

Mabel India Adams, E. Albert Aisenstadt, Harry Aldes, Albert Allen, Oliver Edmond Alyea, Jeremiah Frank Arm-strong, B. S., Aron Max Beilin, Arthur Lewis Beyerlein, Charles Patton Blair, M. Julius Bloom Eugene Radford Boyer, Roy Fred Breeden. Edwin Rutherford Butterfield, Mabel Rosina Carlson, Arthur Narcisse Chatel, Benjamin Ziegfried Chan-George Abbott Chicker-ing, B.S., Edward Albert Christofferson. offerson,
James Matthew Conerty,
Asher Raymond Cottrell,
Laura Murphy Cottrell,
Walter William Cross,
Fred Raymond Crooks,
Selma Olga Czolbe,
David Deronda Delzell,
Charles Chester Dickin-Charles Chester Dickinson, Frank DiCosola, Stephen Alphonsus Donahoe. William Emmett Donahoe, Harry Joseph Dwyer, John Adam Ebert, John Alden Dean Engesather, Alexander Donald Ferguson.

Clement Fischer, Roscoe Roby Fisk, Robert Benoni Fleeger, Abraham George Fleischman. Howard Norton Flexer, Abraham Albert Freedman, man,
Harry Joseph Freemmel,
Albert Eugene Fuchs,
Alan Edward Gage,
Katharine Gerow,
William N. Goone,
John Simpson Gordon,
Harold Vogt Gould,
Otto Ishmael Green, B. S.,
Menvill Worth Grubh Merrill Worth Grubb, Louis Morris Grunberg, Henry Virgil Hanson, Lyndon Denny Harris, Clara Edna Hayes, Henry Wallace Hartzell, Grace Line Homman, John H. Hrabik, Robert Hurka, Frank Emerson Inks, A. Jaime Nicolas, Benson Mundy Jewell Charles Harcourt Johnson, Marie Jeannette Jones, Walter Raymond Jones, A.B., Paul Vincent Joyce, Arthur William Karch, Harry Knott, Isidore Emil Kohn, Theodore Kolvoord, Sigurd Herbert Kraft, Louis Robert Kratzenstein. Louis Franklin Kubela, Vidda Samuel Laurin,

Jack Ralph Lavieri, Welcome Babcock Lewis, B.S., Edmond William Littlefield, Rocco Vincenzo Lobraico, Gilbert Martin Loewe, Ray Evan Logan, Lynn Luzerne Lorens, John Harrison Lynn, Harrison Willis Maltby, Walker Roscoe Marks, Harry Watson Martin, John Franklin Martin, Joseph Ingram Mershon, Carl Michel, Charles Edward Miller, Frederick Christopher Miller, Paul Morton Miller, Harold H. Moore, Luther Remi Moore, Ralph Dollahan Murphy, Clarence James McMullen. Naum George Nasif. Barbara Marie Nickey, Oliver S. Olson, Walter Knute Olson, Leonard Joseph Ostrowski, Neal Lawrence O'Herrin, John Gabriel O'Malley, Ruby Helen Paine, Bernard Barney Parker, Ruth Azniv Parmalee, A. B., James Francis Peattie, Frederick James Port, James Bernard Raub, Thomas Harold Reagan, Torrence Reed, Arthur Calvin Rhine, Budd Robbins,

Frederick King Rogers, Samuel John Ross, Delta Eulilla Rowland, Hobart Conway Ruddick, Richard Root Rupert, Herman Louis Sarvela, Martin Pavel Sasko, William Christopher Schiele, Chester Orville Shepard, Frank Edmund Shipman,

Irene Smedley, A.B., James Royal Smith, Oliver Rufus Spalding,

Charles John Stauffacher, B.S., Emil James Stein, Benjamin George Stephenson, Fred Eicher Stokey, Leslie Lewis Stone, Ph. Samuel Stusser, Ross Oren Taylor, Alvin Thompson, Clyde Rogers Van Gundy, Willard Robert Vaughan, Charles John Wagner, M. Thomas Burke Walsh, Arthur Emil August Wanderer, Frank Monroe Weldy, Arthur William Wermuth, Warren Overton Whee-Warren Gerton Whee-lock, Sarah Marguerite White, Clarence Henry Wieneke, John Clement Williamson, Clyde Earl Wilson, Roy Hutchon Wilson, Frank Charles Winters, Ezra Lloyd Wurtzer,

#### THE COLLEGE OF DENTISTRY.

#### DEGREE OF DOCTOR OF DENTAL SURGERY.

(Conferred June 4, 1912, in Chicago.)

Eric Allan-Martin,
Mehdy Edward Asger,
Spencer Paul Ashley,
Evart Benjamin Berry,
Gilbert G. Bicknell,
Edward Harry Busta,
Albert Frederick Coltman,
Frank S. Comello,
Leo N. Daniels,
Herman Sidney Deutsch. Herman Sidney Deutsch, Edwin Evanson, Joseph Anthony Flannery, Irvin Ulrich Fried,

Bernard D. Friedman, S. Joseph Z. Gantz, Philip H. Goldstein, Bert Crawford Higgins, Shinhichi Harry Ito B. Arnett Jordan, William Wallace McCril-Emmett E. McDermott, Henry Jacob Mann, Robert Martin, Oskar Paul Martin,

Arthur Conrod Meyer,
Joseph D. Palese,
Hannah Eshoo Patrous,
Edla Alice Porath,
Solomon H. Roberts,
Abraham Roth,
Amanda Anna Shay,
Corrine Slaman,
Carroll W. Stuart,
Carl David Tay,
Peter Joseph Teeling,
John Van der Ven.

#### THE SCHOOL OF PHARMACY.\*

DEGREE OF PHARMACEUTICAL CHEMIST.

(Conferred June 9, 1912, in Chicago.)

Stanley C. Clarke. Ben Lee Eicher (Class of 1911.) Herbert Henry Heidbreder (Class of 1911.)

#### APPOINTMENTS TO FILL VACANCIES.

The secretary presented for record the following report of appointments made by the president of the University to fill vacancies in the budget passed on July 8, 1911:

passed on July 8, 1911:

Alexander, Lilla M., Catalog Assistant, for the months of July and August, 1912, at a salary of sixty dollars (\$60) a month, vice Jennie A. Craig, resigned. (May 27, 1912.)†

Decker, C. E., Instructor in Physical Geography in the Summer Session of 1912, at a salary of two hundred fifty dollars (\$250) for the session, vice S. W. Cushing, resigned. (June 5, 1912.)

Foss, Margaret C., Stenographer in the General Office of the College of Agriculture, from April 8, 1912, until further notice, at a salary of thirty-two and 50/100 dollars (\$32.50) a month. (April 29, 1912.)

Glover, Anna C., Assistant Secretary in the Agricultural Experiment Station, beginning April 1, 1912, until further notice, at a salary of ninety dollars (\$90) a month. (April 16, 1912.)

Herdman, Margaret, Assistant in Charge of the Seminar in Philosophy, Psychology, and Education, from June 1 to August 31, 1912, at a salary of sixty-five dollars (\$65) a month. (June 4, 1912.)

Houchens, Josie B., Binding Librarian, from June 1 to August 31, 1912, at a salary of seventy dollars (\$70) a month. (June 4, 1912.)

Johnson, Gertrude, Stenographer in the Registrar's Office, beginning May 20, 1912, at a salary of fifty-five dollars (\$55) a month. (June 1, 1912.)

Kamm, Oliver, Assistant in Chemistry for the Summer Session of 1912, at a salary of fifty dollars (\$50) for the session, vice H. H. Stevens, resigned. (July 5, 1912.)

5, 1912.)

Kirwan, Nora, Temporary Stenographer in the Office of the Librarian, at a salary of thirty-five dollars (\$35) a month, services and salary to begin April 20, 1912. (June 26, 1912.)

<sup>\*</sup> For the list of persons receiving the Degree of Graduate in Pharmacy (conferred April 25, 1912, in Chicago). Report, 1912, pp. 591, 592.
† The date in parenthesis at the end of each item is the date when the appointment was officially made.

Krey, A. C., Instructor in History, for ten months, beginning September 1, 1912, at a salary of one hundred forty dollars (\$140) a month. (April 17, 1912.) Love, Elizabeth, Temporary Catalog Assistant, for the months of June, July, and August, 1912, at a salary of fifty-five dollars (\$55) a month, vice Annabel Hubbard, resigned. (May 27, 1912.) McDonald, E. M., Assistant in Agriculture, for the Summer Session of 1912, at a salary of one hundred fifty dollars (\$150) for the session, vice W. L. Burlison, resigned. (June 28, 1912.)

Maxwell, Grace J., Temporary Stenographer in the President's Office, at a salary of seventy-five dollars (\$75) a month, to begin on her reporting for service and to continue until further notice. (April 18, 1912.)

Muncie, Fred W., transferred from the position of Assistant in Chemistry in the

salary of seventy-five dollars (\$75) a month, to begin on her reporting for service and to continue until further notice. (April 18, 1912.)

Muncie, Fred W., transferred from the position of Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station to the position of Assistant in Floriculture in the Department of Horticulture in the Agricultural Experiment Station, from July 1, 1912, to August 31, 1912, his salary to continue at the rate of seventy dollars (\$70) a month. (July 12, 1912.)

Owens, A. W., to take in addition to his work as Student Assistant in Chemistry the work of C. P. Sherwin, Graduate Assistant in Chemistry, resigned, from April 15, 1912, until the close of the academic year, at a remuneration of forty-five dollars (\$45) in addition to his stipend as student assistant. (June 6, 1912.)

Reed, C. O., Assistant in Agronomy and Chemistry in the College of Agriculture, on one-half time, for the months of July and August, 1912, at a salary of fifty dollars (\$50) a month. (May 4, 1912.)

Rich, E. A., Custodian in the Law Library, from April 1, 1912, to June 8, 1912, at a salary of fifteen dollars (\$15) a month, vice C. H. Fletcher, resigned. (April 29, 1912.)

Smith, Florence E., Secretary to the Dean of the College of Agriculture, at a salary of sixty-five dollars (\$65) a month, work and salary to begin as soon as Miss Smith reports for service. (June 8, 1912.)

Stevens, Sabra, Reviser and Lecturer in the Summer Session of the Library School, for the six weeks beginning June 17, 1912, at a salary of one hundred fifty dollars (\$150) a month. (April 18, 1912.)

Towne, L. J., Superintendent of Construction for the Armory and Stock Pavilion, for twelve months beginning July 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (April 18, 1912.)

Wormser, I. Maurice, Assistant Professor of Law, for one year beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) for the year. (April 17, 1912.)

#### APPOINTMENT OF SCHOLARS AND FELLOWS.

The secretary presented also for record the following report of appointments to scholarships and fellowships and to research fellowships in the Engineering Experiment Station made by the President of the University under the authority given him at the session of March 19, 1912 (Report, 1912, p. 571):

* * ' ' '		
Botany—Fauquher, Silas E., Scholarship	\$250	00
Chemistry—		
Bray, Mark Wilder, Scholarship	250	00.
McGregor, Harold H., Fellowship	300	
Classics—	000	• •
Seawell, Cornelia Ruth, Scholarship	250	00.
Watson, Helen G., Fellowship	300	
Economics—Stewart, Chas. L., Fellowship	300	
Electrical Engineering—	300	009
Electrical Engineering—	000	00.
Potter, John Church, Fellowship	300	
Seese, Robert S., Scholarship	250	
English—Spangler, Mary M., Scholarship	250	
Entomology—Head, Mary H., Scholarship	250	
Geology—Brown, Robert W., Scholarship	250	00
German—		
Forrey, Edna L., Fellowship	350	00/
Graham, Sappho Cecilia, Scholarship	250	
History—		• •
Miller, J. Earl, Scholarship	250	OΔ
Nottelman, Rudolph H., Scholarship	250	
Mathematics—	490	vv
Eskelson, Ola M. J., Scholarship	250	00
Grimes, Ruby M., Scholarship	250	
Mechanical Engineering—Simmering, Siebelt L., Fellowship	300	
Physics—Carlson, Raymond E., Scholarship		
Political Science—	250	UU
Lien, Arnold J., Fellowship	400	00
Hanford, Alfred C., Scholarship	250	
Romance Languages—Overland, Amy M., Scholarship		
Sociology—Kolb, J. Harry, Scholarship	250	
Zoology—Roll, J. Harry, Scholarship	250	00
Gutsell, James S., Scholarship	ar o	00
Zetek, James, Scholarship	250	
Actes, sames, consump	250	UU

#### ENGINEERING EXPERIMENT STATION.

Hadley, Harry Fielding, Research Fellowship	\$500 00
McDermet, Rudolph, Research Fellowship	500 00
Maney, George Alfred, Research Fellowship	500 00
Stokes, John William, Research Fellowship	
Thomas, Howard Rice, Research Fellowship	500 00
Wohlenberg, Walter Jacob, Research Fellowship	500 00

# STUDENTS' FEES, COLLEGES OF MEDICINE AND DENTISTRY.

The secretary presented a report of the fees due from the students of the Colleges of Medicine and Dentistry for the period from September 1, 1911, to June 1, 1912. This report was received to be filed.

# THE TREASURER'S REPORT.

The secretary presented also the report of Mr. H. A. Haugan, Treasurer, for the quarter ending March 31, 1912, which was received for record.

#### TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS MARCH 31, 1912.

1911.		Dr.		
Dec. 1911.	31.	Balance per last statement	\$370,023	73
Jan.	2.	Received from State Bank of Chicago six months' interest to January 1, 1912, on \$4,000 bonds of College of Physicians and Surgeons, for credit of College of Medicine		
	4.	Fund	120	00
		College of Medicine Fund	260	90
•	4.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	1,137	05
	4.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund	602	0.0
	6.	Received from D. A. K. Steele, Actuary, for credit of		
	6.	College of Medicine Fund	468	51
		Pharmacy Fund	215	00
	10.	Pharmacy Fund	215	00
	15.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	1,122	08
	15.	Received from W. B. Day, Actuary, for credit of School of	•	
	18.	Pharmacy Fund	125	UU
	19.	College of Medicine Fund	1,777	35
		General Fund	13,000	00
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund	191	32
	20.	Received from the Treasurer of the United States quarterly	202	
		federal appropriation, for credit of Agricultural Experi- ment Station Fund	7,500	00
	20.	Received from W. B. Day, Actuary, for credit of School of	49	00
	22.	Pharmacy Fund		
	24.	Pharmacy Fund	105	00
		College of Medicine Fund	2,859	
	$\frac{25}{26}$ .	Received from State Auditor, for credit of General Fund Received from W. B. Day, Actuary, for credit of School of	314,525	Ü
	9.0	Pharmacy Fund	100	00
	30.	College of Medicine Fund	1,001	22
	30.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	2,432	30
	31.	Received from W. B. Day, Actuary, for credit of School of	,	
Feb.	3.	Pharmacy Fund	90	
_ 0.0.		College of Medicine Fund	4,807	95
	٥.	College of Medicine Fund	223	50

# TREASURER'S REPORT—Concluded.

1010		Dr.		
1912. Feb.	7.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	\$ 1,940	84
	9.	Received from W R Day Actuary for anodit of School of	119	
	13.	Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund		
	14.		2,575	
	14.	Pharmacy Fund Received from O. E. Staples, Chief Clerk, for credit of	108	
	15.	Received from D. A. K. Steele, Actuary, for credit of	20,000	
	17.	Received from O. E. Staples, Chief Clerk, for credit of General Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund Received from O. E. Staples, Chief Clerk, for credit of General Fund Received from O. E. Staples, Chief Clerk, for credit of Received from O. E. Staples, Chief Clerk, for credit of	999	
	19.	Pharmacy Fund	145	00
	19.	General Fund	20,000	00
	19.	Agricultural Experiment Station Fund	136	19
	19.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	876	25
	21.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	99	00
	23.	College of Medicine Fund	834	50
	26.	Pharmacy Fund	90	00
		Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund Received from O. E. Staples, Chief Clerk, for credit of General Fund Received from W. B. Day, Actuary, for credit of General Fund	787	33
	28.	College of Medicine Fund	859	40
	28.	Received from O. E. Staples, Chief Clerk, for credit of General Fund	20,000	00
	29.		. 100	00
Mar.	2.	Pharmacy Fund	• 2,199	62
	4.	Received from W. R. Day, Actuary, for credit of School of		00
	6.	Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	1,490	
	8.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	913	
	8.	Received from W. B. Hay, Actilary, for credit of School of		00
	9.	Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund	685	
	16.	Received from W. B. Day, Actuary, for credit of School of		00
	20.	Pharmacy Fund Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund		00
	26.			75
	27.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund	1,364	
	30.	Pharmacy Fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund	•	00
		•	\$799,652	
Mar.	30.	Cr. By amount paid out of General Fund as per	• • • • • • • • • • • • • • • • • • • •	
		list of warrants herewith		
		By amount paid out of School of Pharmacy		
		Fund, as per list of warrants herewith 2,233 09 By amount paid out of Agricultural Experiment Station Fund, as per list of warrants		•
		ment Station Fund, as per list of warrants herewith	467,923	93
Balar	nces-		•.	
(	dener Colleg	al Fund       \$283,795 60         ge of Medicine Fund       29,467 21         l of Pharmacy Fund       10,282 59		
\$	Schoo Agric	al Fund       \$283,795       60         ge of Medicine Fund       29,467       21         l of Pharmacy Fund       10,282       59         ultural Experiment Station Fund       8,183       55	331,728	95
			\$799,652	88
		Respectfully submitted,		

Respectfully submitted, H. A. HAUGAN, Treasurer.

#### THE COMPTROLLER'S REPORT.

The secretary presented also the report of Professor S. W. Shattuck, Comptroller, for the quarter ending March 31, 1912, which was received for

June 11, 1912.

W. L. Abbott, Esquire, President, Board of Trustees, University of Illinois. SIR: I have the honor to hand you herewith the following financial statements and papers:

Paper A is a statement of the current appropriations March 30, 1912.

Paper B is a statement of the State appropriations March 30, 1912. Paper C is a statement of the United States fund March 30, 1912.

Paper E is a statement of the United States Agricultural Experiment Station appropriations March 30, 1912.

Paper F is a statement of the School of Pharmacy appropriations March 30,

Paper G is a statement of the College of Medicine appropriations March 30, 1912. Paper L is a report of the receipts by the Chief Clerk for the three months

ending March 30, 1912.

Paper M is a list of the general University vouchers presented for audit, being

Paper M is a list of the general University Vouchers presented for audit, being Nos. 8851 to 14450, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 167 to 274, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being Nos. 126 to 198, inclusive.

Paper Q is a list of the College of Medicine vouchers presented for audit, being Nos. 246 to 198, inclusive.

being Nos. 646 to 993, inclusive.

Respectfully submitted, S. W. SHATTUCK, Comptroller.

#### PAPER A-CURRENT APPROPRIATIONS.

March 30, 1912.	Appropriated.	Expended.	Balance.
Accountancy			\$ 2,336 08
Agricultural College	37.855 36	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	14,710 13
Agricultural Experiment Station	21,568 72		15,218 44
Alumni Quarterly	1.000 00	750 00	250 00
Alumni Record	500 00	171 93	328 07
Applied Mechanics	2,678 79	605 90	2:072 89
Art and Design	500 00	406 33	93 67
Auditorium acoustics		85 94	268 67
Band instrument deposits		70 00	190 00
Beck appropriation	750 00	350 00	400 00
Blue printing		2,161 56	2,175 60
Botany		1.432 61	328 17
Bronze tablets		250 63	9 37
Chemistry		12.378 03	303 73
Classics		100 00	
Dean of Men		2,503 16	396 84
Dean of Women	400 00	342 51	57 49
Editing University Bulletin	1,000 00		1.000 00
Engineering Bldg. site		728 96	1.431 54
Engineering College	11,750 00	4.949 62	6,800 38
Eng. Experiment Station			289 38
English	1,750 00	961 81	788 19
Entomology		229 83	172 89
Faculty tennis courts		8 75	216 81
Geology		476 74	645 18
Germanic languages		79 53	120 47
High school contest		30 40	369 60
History		122 00	28 00
Illinois Canners Assn. fund	1.00000	390 70	609 30
Incidentals		4,589 49	5,410 51
Labor	60,000 00	46,291 70	13,708 30
Law School		2,835 90	1,864 10
Library and apparatus	489 98	174 95	315 03
Library School	1,080 00	561 47	518 <b>53</b>
Library student assistants		2,684 38	1,005 62
Library supplies	2,545 00	2,059 63	485 37
Lincoln Hall decoration	1,000 00	936 82	63 18
Lincoln Hall dedication	750 00		750 00
Literature and Arts, College of	800 00	<b>575</b> 08.	224 92
Mathematics	400 00	293 60	106 40
Medicine, College of—Committee	104 23	1 50	102 73
Military Department	950 00	944 35	5 65
Military and band scholarships	2,000 00		<b>2,0</b> 00 00 <sup>.</sup>
Municipal and Sanitary Eng	173 63	146 63	27 00
Music, School of	1,050 00	853 95	· 196 05

# PAPER A-CURRENT APPROPRIATIONS-Concluded.

March 30, 1912.	Appropria	ted.	Expende	eđ.	Balar	ıce	
Philology, Journal of	\$1,549		\$ 992		<b>\$</b> 5	56	94
Philosophy	200		199				24
Physical training, men	1,200	00	527	54	6	72	46
Physical training, women	600	00	205	95	3	94	05
Physics	1,521	09	1,521	09			
Physiology	800	00	730	36		69	64
Plym Fellowship	1.000	00	800	00	2	00	.00
Political Science	50	00	31	26		18	74
Psychology		04	470	52		89	52
Public school drawing exhibit		ÕÕ	21	90			10
Rebates to students		25	5.335	74			51
Romance languages		ōŏ	96	1 <u>9</u>	•		81
Science, College of			486		2		74
Snyder fund		32	2.980		1.5		$\hat{3}\hat{2}$
Snyder fund interest		00	600				_
Sociology		ŏŏ	48		• • • • • •		67
Soil Extension			900		1		ŏò
		00	1.410				58
Summer Session		00	1.686				78
Supervising Architect			706				34
Telephone Exchange		00	1.575	00			00
University Fellowships						25	
Water Survey		50	463			55	60
Women's League loan fund		00					00
Zoölogy	4,050	00	2,636	35	1,4	LS	65
	<del></del>						
Totals	<b>\$234,</b> 359	91	\$146,829	94	\$87,5	29	97

# PAPER B—STATE APPROPRIATIONS.

March 30, 1912.	Appropria	ted.	Expende	eđ.	Balance	ą.
Agricultural College			\$140,431		\$67,468	
Agronomy green house			206		8,793	
Animal Husbandry Building				60	79,973	
	80,000	UU	20	00	19,913	40
Apparatus and Appliances—	. 500	ÓΛ	400	40	0.0	98
Astronomy	1.400		1.399		ยย	25
Botany			1,599		681	
Entomology	800		500		091	90
Geology	500 800		469		330	·
Physiology	800		409	90	350	
Totals A. & A	\$4,000	00	\$2,887	77	\$1,112	23
Armory	\$100,000	00	\$ 349		\$99,650	51
Buildings and grounds	25,000	00	21,778	97	3,221	03
Cabinets	4,000	00	3,001		998	
Ceramics	15,000	00	9,113	55	5.886	45
Ceramics Building	21,000	00	56	99	20,943	01
Chemical Laboratory	10,000		10,000	00		
Clinic Building	5,000	00			5,000	
Cold storage	9,000	00			9,000	00
Commerce Building	125,000	00	3,004	74	121,995	26
Crop experiments	15,000	00	8,622	21	6,377	79
Dairy barn	10,000	00			10,000	00
Dairy investigation	15,000	00	15,000	00		
Drains, fences and repairs, 1909-11	5,000	00	2,750	74	2,249	26
Engineering Building and Ground	200,000	00	28,145	87	171,854	13
Engineering extension and maintenance—	05 000	0.0	14550	- 0	10 110	
College	25,000		14,556		10,443	
Experiment Station	35,000		15,978		19,021	
Salaries	30,000	00	20,999	86	9,000	14
Totals Eng. Ex. and Main	\$90,000	00	\$51,534	32	\$38,465	68
Farm Mechanics' Building	\$ 8,000	00	\$ 8,000	00		
Fire protection	1,500		1,500			
Floriculture	8,000	00	6,888	69	\$ 1,111	31
Glass house	30,000	00			30,000	00
Graduate School	50,000	0.0	23,119		26,880	77
Gymnasium	5,000	00	2,897		2,102	22
Heating and lighting plant	30,000		26,176		3,823	
Horticulture	15,000		11,813		3,186	
Household Science	2,500	00	1,458	31	1,041	69
Agricultural College	16,205	91	8.102	63	8,103	28
General			11,316		4,889	
Gonotai	, 10,100				2,000	
Total I. E. F	\$32,411	82	\$19,419	25	\$12,992	57

PAPER B—STATE APF	EOPRIATIO	NS-Concluded	
			Balance.
Law Building	Appropriated		\$ 14,041 34
Law School	25,000 00	14,607 85	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Library	25,000 00	12,620 72	12,379 28
Live Stock Specimens	22,500 00 60,000 00	13,449 53	$9,050  47 \\ 60,000  00$
Mines investigation	5.000 00	1,462 46	$\begin{array}{c} 60,000 & 00 \\ 3,537 & 54 \\ 24,988 & 60 \end{array}$
Mining Building Mining Engineering Operating Expense—	25,000 00 15,000 00	$\begin{array}{c} 11 & 40 \\ 3,641 & 64 \end{array}$	24,988 60 11,358 <b>3</b> 6
Operating Expense—	15,000 00	•	11,555 50
Board expense  Buildings and grounds  Comptroller's office  Education, School of  Furniture and fixtures  Heat and light  High School Wijter	2,500 00	1,877 07	622 93
Comptroller's office	3,50 <b>3</b> 35	3,495 92 2,527 11	$\begin{array}{c} & 7 & 43 \\ \hline 7 & 42 & 89 \end{array}$
Education, School of	3,270 00 1,700 00 7,191 97	1,324 12	375 88
Furniture and fixtures	7,191 97	4,739 92	2,452 05
Heat and light	40,000 00 2,700 00	1,324 12 4,739 92 37,081 02 2,314 19	2,918 $98$ $385$ $81$
Lectures	5,000 00	1,554 15 385 73	3,445 85
Library stacks	$\begin{array}{c} 385 & 73 \\ 4.050 & 00 \end{array}$	385 73	9 5 9 9 0 1
Library shelving	5,000 00	1,52699 $4,72546$	$\begin{smallmatrix}2,523&01\\274&54\end{smallmatrix}$
President's office	2,000 00	900 87	1,099 13
Printing and postage	$12,000 00 \\ 4,200 00$	8,18795 $3,46251$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Salaries for instruction	373,000 00	250,486 21	122,513 79
Salaries for instruction	86,500 00	55,989 46	30,510 54
Summer session	13,000 00 8,998 95	13,000 00	8,998 95
Unassigned	0,990 99		0,000 00
Totals Op. Ex.	\$575,000 00	\$393,578 68	\$181,421 32
Pavements and walls		10 000 00	\$ 1,086 71
Sheep Building	2,000 00	41 (9	1,958 21
Shop practice	$\begin{array}{cccc} 6,000 & 00 \\ 25,000 & 00 \end{array}$	4,275 02	$1,72498 \\ 10,92629$
Soil investigation	65,000 00	44.988 74	20,011 26
Soil investigation Soil maps and investigations Stock investigation	25,000 00	6,757 48	18,242 52
Stock investigation	25,000 00	22,359 10 $246,570 05$	2,64090 $3,42995$
University Hall Veterinary College and Research Lab.	30,000 00	25,942 80	4.057 20
Water investigation	15,000 00	25,942 80 7,548 32 5,910 95	7,451 68
Water station, 1909-11	6,000 00 2,000 00	5,910 95	$\begin{array}{c} 89 & 05 \\ 2,000 & 00 \end{array}$
		5,477 23	2,022 77
Water survey	125,000 00	11,248 52	113,751 48
Totals	\$2,497,311 82	\$1,246,622 51	\$1,250,689 31
200000			
PAPER C—UNITE	D STATES I	UNDS.	
March 30, 1912.	Appropriated.	Expended.	Balance.
Morrill Fund—	\$12.500.00	\$12,500 00	
March 30, 1912.  Morrill Fund— Agricultural College General	12,500 00	12,500 00	
Totals Morrill Fund	\$45,000 00	\$25,000 00	• • • • • • • • • • • • • • • • • • • •
Nelson Fund—	@10 E00 00	00 000 70	60 000 AF
Agricultural CollegeGeneral	12,500 00	\$8,603 73 5,233 03	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
<del></del>		210,000,70	***********
Totals Nelson Fund	\$25,000 00	\$13,836 76	\$11,163 24
Totals	\$50,000 00	\$38,836 76	\$11,163 24
PAPER E-UNITED STATES AGRIC	TILTURAL 1	TYPERTMENT	ST ATTOM
	Appropriated.	Expended.	
Adams Fund	\$15,000 00	mybended.	Balance.
Chemical supplies	• • • • • • • • • • • • • • • • • • • •	\$ 42.78	
Freight and express	• • • • • • • • • •	299 95	• • • • • • • • • •
Freight and express Furniture and fixtures		$\begin{array}{c} 176 & 52 \\ 74 & 87 \end{array}$	
Labor	• • • • • • • • • •	2,23697	
Live stock		175 00	
Salaries		$\begin{array}{c} 137 & 10 \\ 6,853 & 18 \end{array}$	
Scientific apparatus		7 07	• • • • • • • •
Seeds, plants, and sundries	• • • • • • • • • • • • • • • • • • • •	16 13	• • • • • • • • • • • • • • • • • • • •
Total expended		\$10,019 57	\$4,980 43

PAPER	E-UNITED	STATES			EXP	ERIM:	ENT	STATI	01	1
:	March 30, 191	12.	Co	ncluded. Appropriate	d. E	xpend	ed.	Balaı	nce	٠.
	and receipts .							\$ 3	14	51
Hatch Fu	nd			15,000 0						
Build	ings and land					<b>\$</b> 6	10			
	ical supplies					25	66			
Conti	ngent expense	g					00			
Feedi	ng stuffs						00			
Freig	ng stuffs ht and expres ture and fixtu	s	• • • • •				84			
	ture and fixtu	ıres	• • • • •				00	• • • • •	• • •	• • •
Labor		• • • • • • • • •	• • • • •			959	57	• • • • •	• • •	
Libra	ry	• • • • • • • • • • • • •				36	00			• • •
Dogta	stock ge and statio					165	93			
Public	cations	onery	• • • • •			5.2	20			
Salari	ies				•	5,525	$\tilde{0}\tilde{6}$			
Shads	nlants and	sundries.				63	60			
Tools	, plants, and implements,	and machi	nery.			2				
Trave	ling expenses	3				353	47			
TT.	otal expended	a				\$7,389	50	7.6	10	50
	-									
Hatch Fu	nd receipts .		• • • • •	. 367 5	<u> </u>	\$281	95		85	58
Totals	s			. \$30,682 0	4 \$	17,691	02	\$12,9	91	02
				4	T T T T T T	77				
	P	APER F—	-SCH	${f COL}$ OF PH ${f Expen}$		Expe	505c			
Mor	ah 90 1019	Appr	nnriat			St. I	idea	Bala	anc	e.
	ch 30, 1912.							ę i	71	88
Advertisin	g	\$1,	000 0					Ψ	$7\overline{2}$	88 16 75
Apparatus	light and fixtures	1,	425 0					1	43	16
Furniture	and fivtures		000						87	75
Incidental	s		693 6	ŏ 554				13	39	09
Laborator	ies	1.	000 0	0 1,000	00					
Laborator	y refunds		260 0	0 42	47				<u>i</u> 7	
Library	and postage.		200 0 693 6 000 0 260 0 200 0 300 0	0 87	46	• • • •	• • • • •		12	
Printing	and postage.		300 0	0 168		• • • • • •		4 5	31	ΛΛ
Ront		6,	000 0	0 500			00 00	1,0	16	38
Repairs	or instruction or services		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 400		4,5	i : ' i i	2.5	55	00
Salaries I	or instruction	8,	720 0	0 396	75	1 4	05 00	2,9	18	25
Salaries I	ssessments	4,	50 0		19				$\tilde{47}$	81
Telephone	ssessments	• • • •	70 0		$\tilde{90}$			2,5 9	31	10
Water tax			iĭ 4		40					
					25			\$6,0	71	65
Totals	· · · · · · · · · · · · · · · · · · ·	\$22,	700 0	0 \$6,625	35	\$T0.0	00 00	φυ,υ	14	09
	$\mathbf{P}_{\mathbf{z}}$	APER G—	COLI	EGE OF MI	EDICIN	Œ.				
	March 30, 191	.2.		Appropriate	d. E	xpend	ed.	Balar	nce	٠.
Medical L	epartment—									
Adver	tising		• • • • •	. \$ 2,000 0	0 \$	846		\$1,1	53	38
Appar	ratus and ma	teriais	• • • • •	. 1,000 0	Ų.		50	, 9	37	50
Digno	ings and grou	inus	• • • • •	4,820 7		3,290	00	1,5	24	(T
Fuel	nsary and light			6,500 0		4,239	32	2,2		
Furni	ture and fixt	ures		. 300 0	ñ	129	69	2,2	70	31
Incide	ture and fixt			3,000 0		2.391	60		óš	
Labor	ratories			6,000 0	0	6,390	00	<del></del> 3	90	09
Laund	lry			. 800 0		358	15	4	41	
Libra	ry	<u>.</u>		. 400 0	0	272	69	13	27	31
Mater	nity Hospital	wards		1,200 0	0	137 90	65	1,0	62	35
Musei	MI			. 300 0	0	90	29	21	09	71
Rent			• • • • •	2 000 0	0	8,125		8,1	25	00
Repai	rsies for instruc	otion	• • • • •	. 2,000 0 15,625 0	ν	9,338 10,100		2,0 6,2	27	00
	ies for servic				ň.	10 100	43	7,1	19	57
Statio	nerv and prin	iting		. 600 0	ŏ .	208	$\hat{20}$	'ã	$\overline{91}$	80
Dental De	nery and prin				-			_		
						189			10	
Fuel	and light		• • • • •	. 450 0		337	76		12	$\frac{24}{}$
	ture and fixt					$\begin{array}{c} 82 \\ 615 \end{array}$	25		17	75
	entals								15	45
Instit	ute of pedago	JgICS	• • • • •	. 300 0 . 3,400 0		300			;;·	;;
Labor	ratories and c dry	6011111	• • • • •			$\substack{1,524\\222}$		1,8	77	94
Repai	ira		• • • •			444	19	1,0	77	
	ies for instruc	ction				6,910	81	3.1		
	ies for servic					1,430		1,0		
	onery and pri						00	_, •	7Š	00
						FF 600				
	otals			. \$98,400 7	ւ Տ	57,693	28	\$40,7	07	43

# PAPER L—RECEIPTS AND REMITTANCES OF THE CHIEF CLERK FOR THE THREE MONTHS ENDING MARCH 31, 1912.

Balance, January 1, 1912 Accountancy Agricultural College Applied Mechanics Band instrument deposics Blue printing Buildings and grounds Chemistry Crop experiment receipts Dairy investigation receipts Engineering College Engineering Experiment Station receipts Floriculture receipts Household Science Horticulture receipts Illinois Central Railroad Library and apparatus Lockers Mechanical Engineering Philology, Journal of Psychology Snyder, Edward, fund, principal Snyder, Edward, fund, interest Special fees Soil examination receipts University fees Universities studies Water survey Woman's League fund  Remittances to H. A. Haugan, Treasurer—	\$13,995 87 106 66 5 00 851 11 154 35 119 16 1,420 22 2,801 77 118 25 46 44 56 84 489 00 1,081 05 500 00 305 50 8 00 642 30 12 67 320 00 132 65 11,361 75 1,957 17 1,056 33 37,721 75 6 00	75,691 17 \$91,440 02
January 18, 1912 February 13, 1912 February 17, 1912 February 27, 1912	\$13,000 00 20,000 00 20,136 19 20,000 00	\$73,136 19
Balance March 31, 1912	•••••	18,303 83 \$91,440 02
		φυ1,440 UΔ

### AUDITOR'S REPORT.

Mr. Grout, as Chairman of the Finance Committee, presented the following report from the Audit Company of Illinois of their audit of the books of the University for the quarter ending March 31, 1912, with the recommendation that it be received for record, and that the opening summary thereof be printed in the minutes of the board. This recommendation of the Finance Committee was accepted.

CHICAGO, June 10, 1912.

Mr. A. P. Grout, Chairman Finance Committee, University of Illinois, Winchester, Ill. DEAR SIR: We have made our regular quarterly audit of the books and records of account of the University of Illinois for the third quarter, ended March 31, 1912, of the fiscal year, and submit herewith our report thereon, together with the appended exhibits and schedules, showing the receipts and disbursements in detail.

We reconciled the chief clerk's cash account on the morning of May 6, 1912, proved the cash book footings from January 22, 1912, to May 6, 1912, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry.

and receipted vodencis in process of energ.			
We obtained a certificate from the First National Ban paign, III., certifying to the cash on deposit May 6, 1 Balance on hand January 22, 1912	912, as	\$ 15,813 11,742 996,279	45
Disbursements and remittances to treasurer		\$1,008,021 991,145	
Balance on hand May 6, 1912		\$16,876	88
Currency	55 67	*	
First National Bank balance	\$16,771 23	,	

Checks for deposit       \$394 21         Vouchers in process of entry       314 21         Express (Bills)       79 34         Freight (Bills)       79 67		
Total \$17,638 66		
Less—       \$ 1 78         Class of 1895 fund       760 00         Students' deposits       761 78		
Balance as above	\$16,876 8 cash transac cant registers	.8 3- s,
Treasurer's balance  Chief clerk's balance	\$254,350.4 15,748 8	
Cash receipts (Exhibit "A")	\$270,099 2 432,184 1	
Disbursements (Exhibit "B")	\$702,283 4 488,546 1	2
	\$213,737 3	į į
Made up of—       \$195,433 47         Treasurer's balance       \$18,303 83         Chief clerk's balance       18,303 83		
Balance as above	\$213,737 3	
1912, as being	\$331,728 9 1 0	
The following is a reconcilement of the treasurer's account with the University on March 31, 1912:	\$331,727 9 the books of	5 of
Treasurer's balance, per University books  Add: Unpaid warrants (Schedule "9")	\$195,433 4 136,294 4	.7 18
	\$331,727 9	)5
Made up of—       \$283,794 60         General fund       29,467 21         College of Medicine fund       29,467 21         U. S. Agricultural Experiment Station fund       8,183 55         School of Pharmacy fund       10,282 59		
Yours very truly C. W	\$331,727 9 7. KNISELY.	)5

# REPORT ON CASE OF MR. GORDON H. SOMERS.

The secretary presented a second report of the Special Committee on the case of Mr. Gordon H. Somers, a certified public accountant of Chicago, against whom the Board of Examiners in accounting had brought charges of unprofessional conduct (see Report, 1912, pp. 468, 505 and 536). The report of this committee was received to be filed.

At this point Mr. Anthony took his seat with the board.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### PLANS FOR THIRD FLOOR OF WOMAN'S BUILDING.

(1) A communication from Professor James M. White, Supervising Architect, outlining the proposed arrangement for the third floor of the addition to the Woman's Building, including the following important points: (1) Two rooms for additional literary societies for the women of the University; (2) space for a practice apartment, with living-room, dining-room, kitchen, bath, and two bedrooms, for the use of the Department of Household Science; (3) several rooms which may be used as practice-rooms for the School of Music or for other purposes as needed.

It is proposed that if this arrangement be made two part literary societies.

It is proposed that if this arrangement be made two new literary societies shall be organized, to which every woman will be assigned by lot upon matricula-

tion in the University; the Council of Administration has granted permission for the organization of these literary societies, in answer to a request signed by the presidents of all the present women's literary societies in the institution, and the presidents of other organizations of the women students, such as the Women's League.

Attention being called to the fact that the final approval of the plans for the third floor of the addition to the Women's Building had been referred by the board to the Committee on Buildings and Grounds (Report, 1912, pp. 419 and 581), the matter was left to this committee, with the suggestion from the chairman of the Executive Committee that the matter be taken up immediately and disposed of.

#### HENRY BIROTH.

(2) The following letter from Mr. W. B. Day, Acting Dean and Secretary of the School of Pharmacy:

CHICAGO, June 18, 1912. President Edmund J. James, University of Illinois, Urbana, Ill.

President Edmund J. James, University of Illinois, Urbana, Ill.

DEAR MR. PRESIDENT: On May 29, 1912, there died in Baden Baden, Germany, a distinguished friend of the School of Pharmacy, Mr. Henry Biroth. Mr. Biroth was one of the pioneer druggists of Chicago. He came here from Germany when about eighteen years of age and was apprenticed to Dr. J. Mahla, one of the leading apothecaries and chemists of early Chicago. In 1861 Mr. Biroth enlisted in the Union Army. At the close of the war he returned to Chicago, and at the time of the fire was in business on the North Side. He lost everything in the fire, but afterward opened a drug store on Archer Avenue near Twenty-second Street, and then engaged in the manufacture of pharmaceutical products, especially pepsin. Mr. Biroth sold his drug store many years ago, but continued in the manufacture of pepsin until a few years ago, when after the death of his wife he retired from business and spent his remaining years in travel. A lover of art and literature, he traveled extensively in Europe, visiting art galleries, museums, libraries, and places of historic interest. It was during these travels that he was stricken with at the time of his death Mr. Biroth was Honorary President of the American At the time of his death Mr. Biroth was Honorary President of the American

an illness which resulted fatally.

At the time of his death Mr. Biroth was Honorary President of the American Pharmaceutical Association. He was president of the Illinois Pharmaceutical Association in 1882-83, was twice president of the old Chicago College of Pharmacy, and was a charter member of the Chicago Veteran Druggists, Association, and its president in 1903. Memorial resolutions have been passed by the Illinois Pharmaceutical Association and the faculty of the School of Pharmacy, as well as by the Chicago Veteran Druggists' Association.

The School of Pharmacy was especially indebted to Mr. Biroth; for, beginning with 1885, he awarded each year a fine compound microscope to the senior student who was recommended by the faculty as having done the best work in materia medica and microscopy.

medica and microscopy.

medica and microscopy.

Mr. Biroth leaves but one child, Mrs. H. Massey, now residing in Blue Island, Ill. Mr. Biroth's funeral occurred Sunday, June 23, at Mt. Greenwood Cemetery. The services at the grave were conducted by the Chicago Veteran Druggists' Association. I represented the school and sent flowers for the Alumni Association. While not an alumnus of the school, Mr. Biroth was always deeply interested in it. He was a member of the old college organization almost from its foundation. When the school was turned over to the University in 1896 and the Illinois Pharmaceutical Association recommended the appointment of the Advisory Board of Pharmacists, Mr. Biroth was one of those selected to serve on this first Advisory Board. The University conferred upon Mr. Biroth in 1897 the honorary degree of Master in Pharmacy.

I thought that you might be pleased to have these facts, and possibly to have memorial resolutions adopted by the Board of Trustees and a copy forwarded to Mrs. Massey.

to Mrs. Massey.

Respectfully yours, W. B. DAY, Actuary.

This communication was received for record, and the board unanimously passed the following resolution, directing that it be printed in the minutes, and that a copy thereof be sent to Mr. Biroth's surviving daughter, Mrs. Massey.

WHEREAS, Henry Biroth, who died on May 29, 1912, was for more than forty years eminent in the profession of pharmacy in this country, and was ever among the foremost in the long struggle for the raising of the standard of this profes-

the foremost in the long struggle for the raising of the standard of this profession; and
WHEREAS, He was for many years a faithful and helpful friend of the School of Pharmacy of the University of Illinois; therefore be it
Resolved, That the Board of Trustees of the University of Illinois desires thus publicly to express its appreciation of the distinguished services of Henry Biroth to his profession and to the School of Pharmacy, and its sympathy with his surviving daughter.

#### APPOINTMENT TO THE ADVISORY BOARD OF THE SCHOOL OF PHARMACY.

(3) A communication from Mr. W. B. Day, as secretary of the Illinois Pharmaceutical Association, stating that at the annual meeting of the association

held at Springfield, Ill., on June 11 and 12, 1912, the following persons were recommended to the Board of Trustees of the University of Illinois for the appointment of one on the Advisory Board of the School of Pharmacy, to succeed Mr. Walter H. Gale, of Chicago, whose term has expired:

A. G. C. Ackerman, Chicago (153).\*

B. S. Coobay, Chicago (149).

Joseph Hottinger, Chicago (147).

W. B. Duncan, Ottawa (146).

George W. Sohrbeck, Moline (124).

This communication was accompanied by the recommendation that Mr. A. G. C. Ackerman, of Chicago, who received the highest number of votes from the Illinois Pharmaceutical Association, be appointed a member of the Advisory Board of the School of Pharmacy to succeed Mr. Walter H. Gale, of Chicago, the appointment to date from July 1, 1912.

This recommendation was approved.

This recommendation was approved.

#### REGULATION IN REGARD TO REFUND OF FEES.

(4) A communication from Mr. C. M. McConn, Registrar, asking that the rule in regard to the refund of fees be made to read as follows:
"In case a student withdraws from a course or from college during the first ten days of instruction as scheduled, the total amount of his fees for the work dropped, except the matriculation fee, will be refunded. After ten days and before the middle of the semester, a rebate of one-half of the fees, except the matriculation fee, will be made. After the middle of the semester, no rebate will be made. In no case will any part of the matriculation fee be refunded."

It was voted to approve this request and to adopt the rule of printed.

It was voted to approve this request and to adopt the rule as printed

above.

#### PAVING OF LINCOLN AVENUE.

(5) A communication from Professor J. M. White, Supervising Architect, with respect to the proposed paving of Lincoln Avenue (p. 585, Report, 1912), as follows:

I have conferred with Mayor Boggs about the paving of South Lincoln Avenue. It seems that the University paid five hundred dollars toward the present storm water drain, which now terminates on the west side of Lincoln Avenue where we can connect with it at any time. The sanitary sewer plan does not contemplate any line on that street, as it is the expectation to connect the houses on Lincoln Avenue eastward to Busey. If a sanitary sewer should be required on the street, it will go in the parking.

The additional storm water drains to be laid now will be cross lines, to carry the storm water from catch basins on the west side to a storm water sewer which will be run south on the east side of the street. This settles satisfactorily all questions of drainage.

The present Lincoln Avenue pavement is 28 feet wide, and I should prefer to see it continued that width for the part it is now proposed to pave. Twenty-six feet, however, is the standard width, and I recommend that the University sign the petition on that basis, but that we express our preference for a 28-foot pavement, providing the property owners will agree. Professor Talbot expresses a preference for the 28-foot pavement, while Professor Blair thinks the 26-foot would be adequate.

It was voted that the University shall sign the petition in question when the President of the University is satisfied that all questions of drainage have been properly provided for and that there is a substantial agreement as to the proper width of the street.

#### WIDENING AND PAVING OF ORCHARD LANE

(6) A communication from Professor J. M. White, Supervising Architect, with (6) A communication from Professor J. M. White, Supervising Architect, with respect to the proposed widening and paving of Orchard Lane, stating that the property owners on Davidson Street are willing to agree to a 26-foot pavement, and adding, "I have attached to the petition the city engineer's estimate on the pavement, which is twenty-two thousand dollars (\$22,000) for a 26-foot width all the way from First Street to Wright Street. Our frontage is a little less than half of this distance, and the cost would therefore be a little less than one-fourth of the amount named. The necessary provision for drainage has been included, and I hope this petition may receive favorable consideration at the next meeting of the Board."

Attention was called to the fact that this matter had been referred to the Committee on Buildings and Grounds for consideration and report (Report, 1912, p. 590).

<sup>\*</sup> The figure in parenthesis following the name indicates the number of votes received by the candidates in the vote taken by the pharmacists of the State.

# LAND FOR EXPERIMENTAL FIELDS.

(7) A communication from Professor C. G. Hopkins, enclosing three deeds of land for experimental fields:

land for experimental fields:

(a) A deed from Asa Hixley and wife, conveying to the University twenty-four acres in Edwards County, on the west end of the south half of the northeast quarter of section eighteen (18), township one (1) north, range eleven (11), east.

(b) A deed from Emma Sconce, Harvey J. Sconce, and Fannie F. Sconce, conveying to the University twenty acres in Vermilion County, which include a part of the east half of the southeast quarter of section twenty-two (22), township seventeen (17) north, range thirteen (13) west.

(c) A deed from Gertrude C. Nation, conveying to the trustees of the Enfield Experiment Station fund twenty acres of land in White County, situated on the east half of the northeast quarter of the southeast quarter of section nine (9), township five (5) south, range eight (8) east; accompanied by a deed from the trustees of the Enfield Experiment Station fund, conveying the said land to the University. University.

It was voted that this communication should be referred to the Committee on Agriculture for consideration and report.

#### THE BUDGET FOR 1913-1915: BUILDINGS.

(8) A statement from the president of the University in regard to the needs of the institution in the matter of new buildings, for consideration in connection with the plans for the next biennial budget.

This communication was received for record.

This communication was received for record.

Following the presentation at the last meeting of the board concerning the imperative need of an adequate library at the University, I desire to call attention here to some further subjects which must be considered carefully by the board in making up their next biennial budget.

Our present Chemical Laboratory is crowded practically to the limit, and it will be necessary, if the University is to meet the conditions at all, to make a large addition to the present building. The members of the staff in the Chemical Department have been working for some two years on the elaboration of a satisfactory addition to be built on the east of the present building. This addition will cost, with its equipment, \$375,000. With this sum a fireproof building, corresponding in general style and appearance to the present, though not containing so many cubic feet of space, can be built east of the present building, leaving a court in the center partially occupied by the present lecture-room.

The number of students taking chemistry at the University of Illinois has increased very largely within the past few years. This has come about for several reasons. First of all, it is owing to the rapid increase in general attendance at the University; the demand for chemistry is of course a steadily increasing one, keeping at least equal pace with the growth in the number of students. But the demand for chemical instruction has outrun the increase in the number of students. The Engineering College at one time did not require chemistry from all the students in that college. It has now practically made this subject a required one, and, consequently, every additional engineering student means an additional student of chemistry. It means that more laboratory space must be provided, more equipment, and more instruction.

In the same way the Agricultural College has practically made chemistry a required study, and by removing it from the upper years to the lower has increased

student of chemistry. It means that more laboratory space must be provided, more equipment, and more instruction.

In the same way the Agricultural College has practically made chemistry a required study, and by removing it from the upper years to the lower has increased very much the number of students in chemistry, owing to the fact that the lower classes are uniformly so much larger than the upper classes. Every additional agricultural student means practically an additional student in chemistry.

Again, the establishment of the Department of Ceramics, in the curriculum of which chemistry plays a fundamental part, has made largely increased demands upon the Department of Chemistry for additional laboratory space, additional equipment, and additional instruction.

I do not know that any department furnishes a better illustration of the unsatisfactory basis on which our present budget is made out. We have gone to the Legislature for large additional appropriations for the Engineering College. We have gone to the Legislature for large additional appropriations for the Engineering College. We have gone to the Legislature for an appropriation so establish and support the School of Ceramics, etc. Each one of these departments in its growth makes, as has been seen, heavy demands upon the Department of Chemistry. But we have not succeeded in obtaining corresponding appropriations for the Department of Chemistry. In fact the special appropriation of ten thousand dollars per annum is ridiculously inadequate to meet the expense of a department which has more than 1,200 students enrolled.

I think there is no doubt that one of the buildings which the University ought to ask from the next Legislature—and ought to put if not first in the list, at least to high up in the list as surely to secure the necessary grant—is the addition to the Chemical Laboratory, with the equipment and furnishings which must necessarily go with it. Four hundred thousand dollars would be, in my opinion, a reasonable sum to ask for this purpose.

of Agriculture, though they are not fundamentally of such importance in the College of Engineering. They must provide a large part of the scientific instruction upon the basis of which a curriculum of a scientific agricultural college should be

Neither of these departments is adequately housed, adequately equipped, or adequately manned. The Department of Botany, including in an administrative way the Department of Bacteriology, is especially crowded for space, especially in need of adequate equipment and adequate instructional force. In order to provide for the necessary additional space for these two departments, the present Natural History Building should be completed by adding the omitted section at the central portion of the east side of the building, at a cost probably of between seventy-five and one hundred thousand dollars. Provision should be made elsewhere for the administrative offices, which are now upon the second floor of the Geological Survey and perhaps of the Natural History Survey from this building and the housing of them in new quarters.

If the Commerce Building could be completed, at least on the south and western sides, space might be found for the administrative offices for a few years to come, and this would perhaps be the best practical solution. This would leave a large space which, with the addition to the building and the additional space obtained by the removal of the Geological Survey quarters, would give to botany and zoology adequate space, particularly if physiology could be provided for elsewhere.

elsewhere.

and zoology adequate space, particularly if physiology could be provided for elsewhere.

We have at the University a number of departments which are in essence rather administrative departments of the State Government than scientific departments of the University. Thus the Geological Survey, while made by law a bureau of the University, is under the control of a board consisting of the Governor of the State, the President of the State University, and one other person appointed by the Governor. The State Entomologist's Office is distinctly an administrative department of the State Government. The State Entomologist is appointed by the Governor, and while the funds for this department pass through the hands of the Trustees of the University of Illinois, the trustees have practically no control over their disposition.

The State Laboratory of Natural History, although an integral part of the University and subject to the control of the trustees as absolutely as any other department, is also, owing to the history of the survey and its connection with the present director, the distinguished zoologist, Professor S. A. Forbes, and the added fact that it has a special appropriation from the State Government, to some extent an independent department.

I should like to raise the question whether it would not be a wise thing to ask the next Legislature for money to erect a State Laboratory Building in which should be housed those departments of public administration such as I have mentioned, with any others which the State may see fit to impose upon the University, and adding those departments of instruction which for one reason or another may be best associated with these departments. It might, for example, be well to put the Department of Zoölogy in such a State Laboratory Building, along with the State Geological Survey, and other similar adjustments might be made. If this could be done, we should have in the present Natural History Building adequate space for the Departments of Zoölogy and Botany for years to come, es

The attention of the members of the board is respectfully called to these possibilities, and they are requested to give consideration to these matters against the time when the decision must be made.

# BUILDINGS AND GROUNDS UNDER DIRECTION OF SUPERVISING ARCHITECT.

(9) A recommendation that, pending the further action of the board upon the reorganization of the business departments of the University, the Department of Buildings, now under the charge of Mr. Joseph A. Morrow, as superintendent of buildings, and the Department of Grounds, now under the charge of Mr. Evelyn Atkinson, as superintendent of grounds, be placed under the direction of the supervising architect, and that the superintendents of buildings and grounds be made directly responsible to the supervising architect in the administration of their respective departments; and, further, that in all matters concerning the planting or removal of trees and shrubs the approval of Professor J. C. Blair, head of the Department of Horticulture, shall be obtained.

This recommendation was approved.

# CLEAN TOWEL SYSTEM IN MEN'S GYMNASIUM.

(10) A request from Mr. George Huff, Director of Physical Training for Men, approved by the Council of Administration, that he be authorized to increase the locker fee in the Men's Gymnasium from 50 cents to \$1 a semester, in order to provide funds for the support of a clean towel system, the plan of which will be as follows: A deposit of 25 cents will be required for each student for his first towel; every time thereafter that he returns a soiled towel to the attendant, he will be given a clean one. Director Huff thinks this plan would undoubtedly tend to a more cleanly condition in the department and lessen the probability of the spread of contagious disease. The additional sum received would just about pay for the actual cost of laundry and depreciation.

It was voted to approve this plan; to authorize the increase of the locker fee in the Men's Gymnasium from 50 cents to \$1 a semester, and the charging of a deposit of 25 cents for the first towel issued to each student; and to appropriate the proceeds of this fee and deposit to the Department of Physical Training for Men for the support of the proposed clean towel system.

#### COST OF LAND BETWEEN GOODWIN AND MATHEWS AVENUES.

(11) A report from Dr. W. F. M. Goss, Dean of the College of Engineering, concerning the cost of the land between Goodwin and Mathews avenues in Urbana purchased during the past year for the College of Engineering.

This report was received to be printed in the minutes.

URBANA, ILL., July 2, 1912.

Dr. Edmund J. James, President of the University of Illinois.

Dr. Edmund J. James, President of the University of Illinois.

Dear Sir: Supplementing my report upon this subject submitted under date of October 31, 1911, I transmit herewith a statement of the cost of all land purchased by the University between Goodwin and Mathews avenues and between the "Boneyard" and the railway track as a site for the new engineering buildings.

The greater part of the land in question faces improved streets. It was occupied by six houses, five of which have been sold and removed. To determine what part of the price paid could be regarded as necessary to cover the improvements upon the several pieces of land, a committee of local experts was organized to view the property and to report to me their findings. Those who served upon this committee were Mr. S. K. Hughes, real estate agent. Champaign, Mr. George W. Harwood, President of the Champaign Building and Loan Association, Champaign, and Mr. D. Osborn, a leading building contractor of the city of Urbana. These gentlemen inspected the property in company and severally agreed to the values reported. A copy of their report is hereunto attached as Exhibit A. The original is held in my office for permanent record.

The location and size of the several lots are set forth by the accompanying blue-print. The tabulated statement which follows shows in the fifth column the gross sum paid for each lot with its improvements. The sixth column shows the value of improvements as fixed by the expert committee, and the seventh column the net cost of the land. The eighth and ninth columns show respectively the cost per front foot and the cost per square foot after deducting the cost of improvements.

improvements.

mprovements.

The total amount paid by the University for the whole area which it has secured is \$37,700. You will recall that before entering upon this purchase I estimated our possible expense as \$40,000.

Against the total expenditure there has been a credit arising from the sale of the houses, which credit, after deducting therefrom all incidental costs of advertising, back taxes, expert advice, commissions, etc., amounts to \$1,432. The net expenditure is, therefore as follows:

Total sum paid by the University..... Credit from sales..... 1,432 00

Total amount paid ..... Credits:

Estimated value of buildings ...... Estimated value of portions having no frontage.... 3,200 00

18,100 00

Amount paid for property fronting on improved streets...... \$19,600 00 The total frontage on both Goodwin and Mathews avenues amounts to 571 \$19,600 00 \$19,600 00

**=== \$34.00.** feet, making the average cost per front foot

> Respectfully submitted. W. F. M. Goss.

#### [EXHIBIT A.]

Dean W. F. M. Goss, Urbana, Ill.

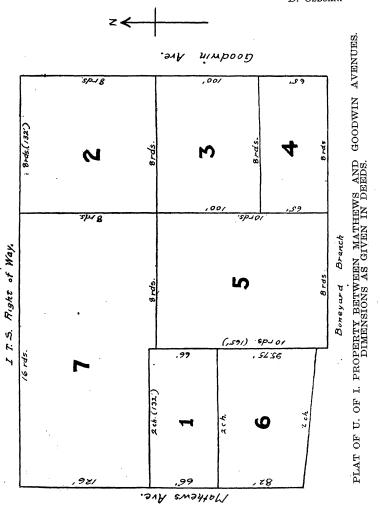
DEAR SIR: This is to certify that we, the undersigned, on July 21, 1911, went to the property known as lots one (1) and two (2) in Wm. M. Goodwin's Second Addition to Urbana, Champaign County, State of Illinois, and there examined the properties listed below and estimated the present values of the buildings thereon,

taking into consideration the purpose for which they were erected, and, after allowing proper depreciation on account of age and conditions, we agreed upon the values set opposite each property below, towit:

No. 504 South Mathews Aronno below towit. No. 504 South Mathews Avenue, being south 66 feet of north 192 feet \$2,800 00 1.200 00 700 00 3,800 00 \$8,500 00 \$2,800 00

Respectfully submitted, S. K. Hughes, GEO. W. Harwood, in said addition.....

D. OSBORN.



#### TABLE SHOWING COST OF UNIVERSITY OF ILLINOIS LAND BETWEEN MATHEWS AND GOODWIN AVENUES.

Reference num- ber.	Location property by street number.	Nominal front- age of lot—feet.	Nominal depth of of lot— feet.	Total price paid.	Estima- ted value of build- ings.	Estima- ted total net cost of land.	Esti- mated net cost of land per front foot.	Esti- mated net cost of land per square foot.
2 3 4 5 6	504 S. Mathews. 501 S. Goodwin. 505 S. Goodwin. 507 S. Goodwin. No frontage. 506 S. Mathews. 502 S. Mathews.	66 132 100 65 132 82 126	132 132 132 165	5,000 00 2,600 00 6,000 00 1,800 00 7,000 00	1,200 00 700 00 3,800 00 None 3,600 00	2,200 00 1,800 00	28 79 19 00 33 85 None 41 46	.218 .144 .256 .083 .289

#### RESIGNATION OF ASSOCIATE PROFESSOR RICKARDS.

(12) The resignation of Mr. Burt R. Rickards, Associate Professor of Municipal and Sanitary Dairying in the College of Agriculture and Assistant Chief in Municipal and Sanitary Dairying in the Agricultural Experiment Station, to become effective August 1, 1912.

It was voted to accept the resignation of Professor Rickards.

#### NEW PROFESSORSHIPS IN THE COLLEGE OF AGRICULTURE.

(13) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that the following new professorships be created in the College of Agriculture: (1) A professorship in landscape gardening or landscape art; (2) A professorship in animal pathology; (3) A professorship in dairy husbandry; also an associateship and an instructorship in the Department of Landscape Art. This recommendation was approved.

#### SETTLEMENT WITH COLLEGE OF PHYSICIANS AND SURGEONS.

(14) A recommendation that the Finance Committee be authorized to settle up the outstanding accounts between the University of Illinois and the College of Physicians and Surgeons of Chicago, and turn over to the College any balance which may be due under the contract between the University and the College of Physicians and Surgeons upon the certificate of the University Counsel and the Comptroller that all accounts are in order and that adequate bonds have been given to protect the University against any possible claims growing out of its relations with the College of Physicians and Surgeons.

This recommendation was approved.

# REAPPROPRIATION OF BALANCES.

(15) A recommendation that the balances to the credit of the different departments of the University on June 30, 1912, be reappropriated for the academic year 1912-13 to the purposes of the respective departments, subject to the approval of the President of the University.

This recommendation was approved.

# COMMISSIONS ON JEWISH-AMERICAN AND GERMAN-AMERICAN HISTORY AND CULTURE.

(16) A recommendation that the President of the University be authorized to appoint a commission upon Jewish-American History and Culture; the object of this commission, which may consist of people not otherwise connected with the University as well as members of the staff of the University, to be to devise ways and means of increasing the collections of the University bearing upon the subject of Jewish-American History and Culture, and to promote in general the University

and public interest in this subject.

(17) A recommendation that the President of the University be authorized to appoint a commission upon German-American History and Culture; the character and purpose of this commission to be similar to that of the commission on Jewish-American History and Culture.

The foregoing recommendations were approved.

# CONSOLIDATION OF THE COLLEGES OF LITERATURE AND ARTS AND SCIENCE.

(18) A recommendation from the University Senate, under date of June 8, 1912, that the College of Literature and Arts and the College of Science be consolidated into one college of liberal arts and sciences; accompanied by the following historical statement:

sonicated into one college of liberal arts and sciences; accompanied by the following historical statement:

The present organization of the College of Literature and Arts and Science in the University of Illinois is unusual. There are some advantages in the present form of organization. There are also some distinct disadvantages. The most serious disadvantages perhaps are those affecting the welfare of students. The two colleges have gradually expanded by increasing their so-called privileges of election, the College of Literature and Arts in the direction of science, and the College of Science in the direction of literature and arts, until they duplicate to a considerable extent each other's fields, without really giving the flexibility in the choice of subjects which would be the result of the union of the two colleges. The College of Literature and Arts voted unanimously some years ago for such a consolidation. At that time the College of Science was evenly divided in its opinion. The question has come up again and again, now from the student side, now from the side of departmental efficiency, and during the last year, after a full discussion extending over several months, from before Christmas until near commencement, the various academic bodies took action as follows: The Council of Administration, on April 2, 1912, recommended the consolidation of the two faculties by a unanimous vote, except that one member requested permission not to vote; the College of Literature and Arts voted unanimously in favor of the union; the College of Science was again almost evenly divided in its opinion, sixteen votes being cast for and seventeen against the project; the Senate voted unanimously for the union. unanimously for the union.

It was voted to approve this recommendation of the Senate, and to authorize the President of the University to effect a consolidation of the Colleges of Literature and Arts and Science as soon as may be practicable.

### APPROPRIATION FOR ILLINOIS STUDENTS' HANDBOOK.

(19) A request from Mr. W. A. McKnight, General Secretary of the Young Men's Christian Association of the University of Illinois, for an appropriation of two hundred fifty dollars toward the publication of the Illinois Students' Handbook; this book is prepared and mailed each year to the prospective students, and is sent out, for the most part during the month of August, to persons who have applied for registration blanks; the book contains information concerning the University and student life of great value to new students; thirty-five hundred books will be distributed this year at a cost of approximately five hundred dollars.

It was voted to grant this request, and to make the appropriation of

two hundred fifty dollars (\$250) involved.

### POST-DOCTORATE FELLOWSHIP FOR STUDY ABROAD.

(20) A recommendation from Dr. David Kinley, Dean of the Graduate School, that Miss Margaret L. Bailey be awarded a post-doctorate fellowship for the purpose of study abroad during the coming academic year; the stipendium to be six hundred dollars (\$600); two hundred dollars (\$200) additional, or so much thereof as may be necessary, to be allowed for expenses; these amounts to be charged to the Graduate School fund.

This recommendation was approved.

### ALUMNI RECORD.

(21) A recommendation that an appropriation of five thousand dollars (\$5,000) be made to cover the expense of printing and publishing the new edition of the Alumni Record, authorized by the Board of Trustees on July 8, 1911 (Report, 1912, p. 436), and that the purchasing agent be authorized to make a contract for the said printing and publishing.

The work of preparing this volume has been done under the direction of Mr. J. H. Kelley, Executive Clerk in the President's Office, with the aid of the staff of that office, and the copy will now shortly be ready to transmit to the printer. The volume will be sold to the alumni and others at the price of one dollar and a half. More than fifteen hundred subscriptions at this price have already been received. The volume will run to one thousand pages more or less.

It was voted to approve this recommendation and to make the appropriate.

It was voted to approve this recommendation and to make the appropria-

tion of five thousand dollars (\$5,000) requested.

### REAPPOINTMENT OF DEAN FAWCETT.

(22) A recommendation that Mrs. Mary Fawcett be elected Acting Dean of Women for a period of one year from July 1, 1912, at a salary of two thousand dollars for the year.

This recommendation was approved.

### AUTHORITY FOR REAPPOINTMENTS AND THE FILLING OF VACANCIES.

(23) The following recommendations with reference to the budget for 1912-13:
(a) That the budget of the year 1911-12 be adopted as the basis of the budget for the fiscal year beginning July 1, 1912, subject to the approval of the President

of the University.

(b) That the President of the University be authorized to reappoint for the year 1912-13, at the same salaries, persons in the employ of the University whose

terms have expired.

(c) That the President of the University be authorized to accept at his discretion such resignations in the instructional, scientific, and administrative staff as may be presented during the vacation, and that he be authorized to fill such vacancies in the staff of the University, within the budget allowances, as may occur during the vacation because of resignation or declination.

The foregoing recommendations were approved.

### THE BUDGET FOR 1912-1913.

(24) The budget for 1912-13, including the following recommendations:

### ADMINISTRATIVE APPOINTMENTS.

(a) Recommendations in regard to the appointment of administrative officers; all these appointments being for one year beginning September 1, 1912, except as

otherwise noted.
David Kinley, Dean of the Graduate School, and Director of the Courses in

Commerce.

Eugene Davenport, Dean of the College of Agriculture, and Director of the Agricultural Experiment Station.

Agricultural Experiment Station.

Oliver Albert Harker, Dean of the College of Law.
Thomas Arkle Clark, Dean of Men.
Edgar Jerome Townsend, Dean of the College of Science (subject to the possible appointment of a dean of the combined Colleges of Literature and Arts and Science.)

By arts Boutell Greene, Dean of the College of Literature and Arts (subject to the possible appointment of a dean of the combined Colleges of Literature and

Arts and Science.)

William Freeman Myrick Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station.

Charles Henry Mills, Director of the School of Music.

William Chandler Bagley, Director of the School of Education.

Phineas Lawence Windsor, Director of the Library School, and University

Librarian.

Stephen Alfred Forbes, Director of the State Laboratory of Natural History. Edward Bartow, Director of the State Water Survey. George Henry Meyer, Assistant Dean of the College of Literature and Arts. Fred Henry Rankin, Assistant to the Dean of the College of Agriculture. Arthur Ray Warnock, Assistant Dean of Men. Nathan Austin Weston, Assistant Director of the Courses in Commerce, Cyril George Hopkins, Vice-Director of the Agricultural Experiment Station. Horace Adelbert Hollister, High School Visitor.

Arthur Stanley Pease, Curator of the Museum of Classical Art and the Agricultural Experiment Stanley Pease, Curator of the Museum of Classical Art and the Agricultural Experiment Stanley Pease, Curator of the Museum of Classical Art and the Agricultural Experiment Stanley Pease, Curator of the Museum of Classical Art and the Agricultural Experiment Stanley Pease, Curator of the Museum of Classical Art and Peacology.

Neil Conwell Brooks, Curator of the Museum of European Culture. Frank Smith, Curator of the Museum of Natural History. George A. Huff, Director of the Department of Physical Training for Men. Gertrude Evelyn Moulton, Director of the Department of Physical Training for Women.

Benjamin Clark Morse, Military Commandant. William Baker Day, Acting Dean, Secretary, and Actuary of the School of Pharmacy.

Isabel Bevier, Director of the Courses in Household Science.
James McLaren White, Supervising Architect.
Joseph Albert Morrow, Superintendent of Buildings.
Charles Evelyn Atkinson, Superintendent of Grounds.

### NEW APPOINTMENTS AND PROMOTIONS.

(b) The following recommendations in regard to new appointments and promotions in the instructional and scientific staff:

Lewis F. Anderson, Assistant Professor of Education, for three years, beginning September 1, 1912, at a salary of twenty-five hundred dollars (\$2,500) per annum.

per annum.
Franklin W. Scott, Assistant Professor of English and Secretary of the Department of English, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum.
Harrie S. V. Jones, Assistant Professor of English, for three years, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum.
Otto E. Lessing, Associate Professor of German, for three years, beginning Sectember 1, 1912, at a salary of twenty-eight hundred dollars (\$2,800) per annum.

Lawrence Marcellus Larson, Associate Professor of History, at a salary of twenty-six hundred dollars (\$2,600) per annum, beginning September 1, 1912.

Ernest Ludlow Bogart, Professor of Economics, beginning September 1, 1912, at a salary of three thousand dollars (\$3,000) per annum.

Otto Rahn, Assistant Professor of Bacteriology, for one year, beginning September 1, 1912, at a salary of two thousand dollars (\$2,000) for the year.

Clarence W. Balke, Assistant Professor of Chemistry, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum.

Edward W. Washburn, Assistant Professor of Chemistry, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum. per annum.

Henry C. P. Weber, Associate in Chemistry, for two years, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum.

James B. Shaw, Assistant Professor of Mathematics, for three years, beginning September 1, 1912, at a salary of twenty-two hundred fifty dollars (\$2,250) per

J. Howard Beard, Instructor in Physiology, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for the year. Charles W. Malcolm, Assistant Professor of Structural Engineering, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum. Francis C. Lincoln, Assistant Professor of Mining Engineering, for three years, beginning September 1, 1912, at a salary of two thousand dollars (\$2,000) per annum.

John Detlefson, Assistant Professor of Genetics in the College of Agriculture, and Assistant Chief in Genetics in the Agricultural Experiment Station, for three years, beginning September 1, 1912 (or as soon thereafter as he may report for service), at a salary of two thousand dollars (\$2,000) per annum.

Walter Edward Joseph, Instructor in Animal Husbandry in the College of Agriculture, and Assistant in Animal Husbandry in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of fifteen hundred dollars (\$1,500) for the year.

Virgil Augustus Place Assistant in Animal Husbandry in the College of Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of fifteen hundred dollars (\$1,500) for the year.

Virgil Augustus Place, Assistant in Animal Husbandry in the College of Agri-

Virgil Augustus Place, Assistant in Animal Husbandry in the College of Agriculture, and in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of one thousand dollars (\$1,000) for the year.

Horatio Newton Parker, Instructor in Municipal and Sanitary Dairying in the College of Agriculture, and First Assistant in Municipal and Sanitary Dairying in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of twenty-four hundred dollars (\$2,400) for the year.

J. P. Pillsbury, Assistant Professor of Landscape Gardening, for one year, beginning September 1, 1912, at a salary of twenty-seven hundred fifty dollars (\$2,750) for the year.

B. S Pickett, Assistant Professor of Pomology in the College of Agriculture, and Assistant Chief in Pomology in the Agricultural Experiment Station, for three years, beginning September 1, 1912, at a salary of three thousand dollars (\$3,000) per annum.

per annum.

J. J. Gardner, Instructor in Pomology in the College of Agriculture, and Assistant in Pomology in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for

the year.

Edson W. Morphy, Instructor in the School of Music, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for the year. Margaret Bradshaw, Instructor in Physical Training for Women, for one year, beginning September 1, 1912, at a salary of nine hundred dollars (\$900) for the

year.
Edward Harris Decker, Professor of Law, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.
William Green Hale, Professor of Law, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.
Pietro Stoppani, Lecturer in the Library School, and General Assistant in the Library, for one year, beginning September 1, 1912 (or as soon thereafter as he may report for service), at a salary of one thousand dollars (\$1,000) for the year.

### REAPPOINTMENTS AND INCREASES IN SALARIES.

(c) The following recommendations in regard to reappointments, increases in salary, and appropriations for departmental expenses; the appointments dating in every case from September 1, 1912, unless otherwise explicitly stated, and running for the period noted in each case; appointments of professorial rank opposite which no period of tenure is indicated are on indefinite tenure.

### ADMINISTRATIVE OFFICES.

### Office of the President.

A. APPOINTMENTS AND SALARIES.  ————, Private Secretary, vice B. E. Powell (12	
months)	\$2,300 00
months)	
James H. Kelley, Executive Clerk (12 months)	2.000 00
Jessie A. Smith, Clerk and Stenographer (12 months)	1,200 00
Jessie A. Smith, Clerk and Stenographer (12 months)	
Albert R. Lee, Clerk (12 months)	1.100 00
111001 11 1100, 01011	1.100 00
Anna L. Shepard, Stenographer (12 months)	
B. INCIDENTALS	2,000 00

Office of the Comptroller.		
A. APPOINTMENTS AND SALARIES.  Oren E. Staples, Chief Clerk (12 months)  Nathaniel Hay, Purchasing Agent (12 months)  Marsh E. Thompson, First Assistant Clerk and Stenographer	\$1,800 2,000	00
Lloyd Morey, Bookkeeper (12 months)  Lloyd Morey, Bookkeeper (12 months)  Alfred Steitz, Clerk to the Purchasing Agent (12 months).  Stenographer and Clerk (12 months).  Maude Meneley, Stenographer and Clerk (12 months).  B. EXPENSES.	1,020 1,020 900 720 600	00
a. General Business Office. Stationery and printing Postage Incidentals b. Purchasing Agent's Office.	350 450 100	00
Office estimates	2,370	00
Office of the Registrar,	\$3,270	00
A. APPOINTMENTS AND SALARIES.  Charles M. McConn, Registrar and Secretary (12 months from July 1, 1912).  Harrison E. Cunningham, Assistant Registrar (12 months). Levi A. Boice, Recorder (12 months).  Ira M. Smith, Chief Clerk (12 months).  George P. Tuttle, General Assistant (12 months).  Tabitha J. Broadhurst, Record Clerk (12 months).  Adelle C. Smith, Stenographer (12 months).  Gertrude Johnson, Stenographer (12 months).	2,800 1,800 1,500 1,300 1,100 900 720 660 540 4,220	00 00 00 00 00 00
B. EXPENSES  (Estimated distribution of expenses as follows: Postage, \$800; printing, \$1,500; duplicating, \$75; office supplies, \$450; telegraph and telephone, \$45; express and freight, \$50; labor, \$1,300; total, \$4,220.)		
Office of the Dean of Men.  A. APPOINTMENTS AND SALARIES. Arthur R. Warnock, Assistant Dean (1 year).  Elmer E. Fiero, Clerk (12 months)  Olive F. Saxton, Stenographer (12 months)  B. INCIDENTAL EXPENSES	1,500 540 1,000 3,000	00
Office of the Acting Dean of Women.  A. SALARY.  ———————————————————————————————————	600 500	
		•
Office of the High School Visitor.  A. APPOINTMENTS AND SALARIES. Horace A. Hollister (Assistant Professor), High School Visitor (1 year) Winifred L. Amos, Stenographer (12 months)  B. EXPENSES.	2,750 780	00
Expenses, traveling and office, of the High School Visitor (including assistance from special departments)  Expenses of High School Conference	1,400 1,500	00
Office of the Supervising Architect.	\$2,900	00
A. APPOINTMENTS AND SALARIES.  James M. White, Supervising Architect (1 year)  B. Incidentals	1,000 1,800	
Superintendent of Buildings,  Joseph A. Morrow, Superintendent (1 year)	2,000	00
Superintendent of Grounds.  Evelyn Atkinson, Superintendent (1 year)	1,700	
COLLEGE OF LITERATURE AND ARTS.		
Office of the Dean.		
A. APPOINTMENTS AND SALARIES.  Mabel F. Griffith, Record Clerk (12 months)  Rose E. Ryan, Stenographer (12 months)	\$ 720 600	

Art and Design.		
Isabel Jones, Instructor (10 months)	$^{\$1,100}_{1,250}_{1,300}$	00
Classics.		
Herbert J. Barton (Professor of the Latin Language and Literature), Chairman of the Department (1 year)	3,000	00
Education.		
W. S. Miller, Assistant, and Secretary of the School of Education (12 months)	1,500	00
English,		
Thatcher H. Guild, Associate (2 years from September 1, 1912)	1 500	00
Jacob Zeitlin, Associate (2 years from September 1, 1912)	1,500 1,500	00
Victor A. Ketcham, Instructor (Public Speaking) (10 months Martha J. Kyle, Instructor (10 months)	$^{1,500}_{1,200}$	00
Victor A. Ketcham, Instructor (Public Speaking) (10 months Martha J. Kyle, Instructor (10 months) Herbert L. Creek, Instructor (10 months) Clarence V. Boyer, Instructor (10 months) Gertrude Schoepperle, Instructor (10 months) Emory N. Ferris, Instructor (10 months) Arthur J. Tieje, Instructor (10 months)  ———————————————————————————————————	1,200	0.0
Gertrude Schoepperle, Instructor (10 months)	1,200 1,000 1,000	00
Emory N. Ferris, Instructor (10 months)	1,000 1,050	00
Instructor, vice F. A. Patterson (10 months)	1,100	00
Sada A. Harbarger, Assistant (10 months)	900 900	00
Ruth Kelso, Assistant (10 months) Lora A. Henion, Assistant, on half time (10 months)	800	00
Melvin A. Hollinshead, Assistant, on half time (10 months)	400 400	
Alta (†winn, Assistant (10 months)	800	00
Walter A. Buchen, Assistant (10 months)  Marion C. Landee, Assistant, on half time (10 months)	$1,100 \\ 450$	
Allan Nevins, Assistant (10 months)	800 400	00
Allan Nevins, Assistant (10 months)	800	
· ·		
German.	0.050	00
Julius Goebel, Professor (2 years from September 1, 1912) Daisy L. Blaisdell. Instructor (10 months)	$\frac{3,250}{1,000}$	00
Charles M. Poor, Instructor (10 months)	$1,300 \\ 1,200$	
Leonard Bloomfield, Instructor (10 months)	1,200	00
Daisy L. Blaisdell, Instructor (10 months)  Charles M. Poor, Instructor (10 months)  Charles A. Williams, Instructor (10 months)  Leonard Bloomfield, Instructor (10 months)  Armin H. Koller, Instructor (10 months)  Philip Barto, Assistant (10 months)  Folia E. Mald Assistant (10 months)	1,000 1,000	00 00
Felix E. Held, Assistant, on half time (10 months)	500	
111-4		
Arthur C. Cole Instructor (10 months)	1,300	0.0
Arthur C. Cole, Instructor (10 months)	800	őő
Philosophy.	222	
Queen L. Shepherd, Assistant (10 months)	800	00
Psychology.		0.0
Assistant Professor, vice G. F. Arps, Instructor, vice W. S. Miller (10 months)	$\frac{2,000}{1,000}$	00
Assistant (10 months)	650	
Romance Languages.		
David H. Carnahan, (Associate Professor), Chairman of the		
Department (1 year)	2,500	00
1 1912)	1,400	00
Florence N. Jones, Instructor (10 months) William S. Hendrix, Assistant (10 months) Ingebright L. Lillihei, Assistant (10 months)	1,100 850	00
Ingebright L. Lillihei, Assistant (10 months)	900	00
Jay K. Ditchy, Assistant (10 months)	800	UU
Sociology.	1,250	00
Arthur J. Todd, Associate (2 years from September 1, 1912) B. EQUIPMENT AND SUNDRIES. a. College.	1,290	00
General expenses and minor departments	800	00
<ul> <li>b. Departmental appropriations.</li> <li>I. Art and Design.</li> </ul>		
Sundries	500	00
II. Classics. Sundries	100	00
III. Germanic Languages. Sundries	200	00
Bunding	200	

IV. Romance Languages. Sundries	\$100	00
V. English. (1) Departmental sundries (including salary of	•	00
a clerk)	900	00
Teachers of English	$\frac{250}{400}$	
VI. History.	150	
VII. Political Science.		00
SundriesVIII. Sociology.		
SundriesIX. Philosophy.		00
SundriesX. Psychology.	100	
Sundries	500	
Total	\$4,100	00
Salary of stenographer	600 100	
Office supplies	150 600	00
Bulletins Research work	500 300	00
Total		
	Ψ2,200	•
Courses in Commerce. A. Appointments and Salaries.		
John C. Duncan, Assistant Professor of Accountancy Simon Litman, Assistant Professor of Economics	$\frac{2,750}{2,200}$	00
John G. Thompson, Instructor (10 months)	1,600 1,100	00
George W. Dowrie, Assistant (10 months)	900	00
Charles M. Thompson, Assistant (10 months), Instructor in Commercial Law (new; 10	900	
months) Elizabeth Pfeffer, Stenographer (12 months from July 1,	400	
1912)	600	
Library Printing	$\substack{1,200\\250}$	00
PostageSundries	$150 \\ 1,200$	00
Total	\$2,800	00
Note.—The balance of the legislative appropriation for social a science (Courses in Business Administration) not assigned to salarie priated for the general expenses of the work.	ind politic	cal
COLLEGE OF SCIENCE.	,	
Office of the Dean.		
A. APPOINTMENTS AND SALARIES.	<b>¢1</b> 000	00
Agnes McGurty, Clerk and Stenographer (12 months*) Stenographic assistance	\$1,000 300	
B. Expense. Incidentals	400	00
Astronomy.		
A. APPOINTMENTS AND SALARIES. Frank W. Reed, Instructor (10 months)	1,400	00
Student assistance	100	
Equipment and incidentals	500	00
Bacteriology,	•	
A. APPOINTMENTS AND SALARIES. Clyde R. Newell, Assistant (10 months)	850	00
Note.—The appropriation for equipment and materials for Bac included under Botany.	teriology	is
Botany,		
A. APPOINTMENTS AND SALARIES.	m = 0.05	
Warder C. Allee, Instructor (10 months) Stella M. Hague, Assistant (10 months)	\$1,200 800	
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<sup>\*</sup> Subject to a possible readjustment in connection with the combination of the Colleges of Literature and Arts and Science, as a result of which this position may cease to exist.

John H. Whitten, Assistant (10 months) Rosalie M. Parr, Assistant (10 months) Reed O. Brigham, Assistant (10 months)  — Assistant (new; 10 months)  — Graduate Assistant (new; 10 months)  — Graduate Assistant (new; 10 months)  — Jaboratory Helper (12 months)	\$ 600 800 600 600 300 300 600	00 00 00 00 00 00
B. EXPENSE.  Equipment and incidentals  Laboratory material (student fees, estimated)  Herbarium	1,500 1,500 400	00
Total	\$3,400	00
Chemistry.		
A. APPOINTMENTS AND SALARIES.		
George M. Smith, Associate (until August 31, 1913) Clarence G. Derick, Associate (until August 31, 1913) Richard H. Jesse, Jr. Associate (2 years from Sentember 1.	1,600 1,700	00
1912)  Associate, vice P. B. Hawk.  Ellen S. McCarthy, Instructor, (10 months).  Duncan A. MacInnes, Instructor (10 months).  George D. Beal, Instructor (10 months).  Earl K. Strachan, Instructor (10 months).  Lambert Thorp, Instructor (10 months).  B. Smith Hopkins, Instructor (10 months).  ———————————————————————————————————	1,300 1,500 1,200 1,200	00 00
George D. Beal, Instructor (10 months)  Earl K. Strachan, Instructor (10 months)  Lambert Thorp, Instructor (10 months)  B. Smith Hopkins, Instructor (10 months)	1,200 1,000 1,000 1,200	00 00
, Instructor, vice P. E. Howe (10 months)  Instructor (new; 10 months)  Ralph S. Potter, Research Assistant (10 months)  Harper F. Zoller, Lecture Assistant (10 months)	1,000 1,000 500 300	00 00 00
Oliver Kamm, Assistant (10 months).  Earl B. Millard, Assistant (10 months).  James E. Bell, Assistant (10 months).  George W. Sears, Assistant (10 months).  Charles K. Hewes, Assistant (10 months).  —, Assistant, vice M. L. Hartman (10 months).		00
Charles K. Hewes, Assistant (10 months)	500 600 500	00 00 00
Henry L. Huenink, Assistant (10 months)  Hubert L. Olin, Assistant (10 months)  John W. Read, Assistant (10 months)  —, Assistant, vice C. J. Baker (10 months)  —, Assistant, vice C. H. Cressy (10 months)  Assistant in Glass Blowing (new; 10 months)  Albert W. Owens, Graduate Assistant (10 months)  Paul S. Woodward Graduate Assistant (10 months).	500 500 600 600	$\begin{array}{c} 00 \\ 00 \end{array}$
——, Assistant in Glass Blowing (new; 10 months) Albert W. Owens, Graduate Assistant (10 months) Paul S. Woodward, Graduate Assistant (10 months) Thomas E. Laying, Graduate Assistant (10 months)	$\begin{array}{c} 720 \\ 300 \\ 350 \\ 300 \end{array}$	00 00 00
Albert W. Owens, Graduate Assistant (10 months).  Paul S. Woodward, Graduate Assistant (10 months).  Thomas E. Laying, Graduate Assistant (10 months).  Roland N. Miller, Graduate Assistant (10 months).  Raymond W. Hess, Graduate Assistant (10 months).  Gerritt J. VanZoeren, Graduate Assistant (10 months).  Chester H. Allen, Graduate Assistant (10 months).  Edgar W. Engle, Graduate Assistant (10 months).  Laurence F. Foster, Graduate Assistant (10 months).  Karl A. Clark, Graduate Assistant (10 months).	350 300 300 300	00 00 00
Edgar W. Engle, Graduate Assistant (10 months)  Laurence F. Foster, Graduate Assistant (10 months)  Karl A. Clark, Graduate Assistant (10 months)		00 00 00
Ernest A. Wildman, Graduate Assistant (10 months)  Homer A. Webb, Graduate Assistant (10 months)  Graduate Assistant, vice L. T. Fairhall (10 months)	300 300 300	00
months)  ———————————————————————————————————	300 100 100 100	00 00
Edward A. Glenz, Student Assistant (10 months).  Scott Taylor, Student Assistant (10 months).  Carl W. Sievert, Student Assistant (10 months).  Howard D. Valentine, Student Assistant (10 months). , Student Assistant (10 months).  Alexander Cohn, Student Assistant (10 months).  Element H. Leiler, Student Assistant (10 months).	100 100 100 100	00 00
Warren B. Schonover, Student Assistant (10 months)	100 900	00 00 00 00
Carl F. Miller, Clerk (12 months).  Mayme L. Smith. Stenographer (12 months).  Josephine Tyrrell, Stenographer (12 months).  A. H. Hull, Assistant Custodian (12 months).  C. C. Crawford, Storekeeper (12 months).	780 540 780 720	00 00 00
C. E. Dalton, Laboratory Helper (10 months)	660 540	
B. EXPENSE.  Equipment, material, furniture, etc	10,000 15,000	00
Total	\$25,000	00

•		
Entomology.		
A. Appointments and Salaries.		
Alvah Peterson, Assistant (10 months)	\$ 600 0 600 0	10
Assistant (10 months)	250 0	
B. Expense.		
Equipment and incidentals	1,151. 0	0
Equipment and incidentals	300 0	0
Total	\$1,451 0	0
Total	• •	
Geology.		
A. APPOINTMENTS AND SALARIES.	•	
John L. Rich, Instructor (10 months)	1,500 0	0
Frank L. Fleener, Assistant (10 months)	600 0 400 0	10
Geo. W. Keitkamp, Assistant (10 months)	400 0	0
David G. Thompson, Assistant (10 months)	400 0	
Student assistance	300 0	0
B. Expense. Equipment and incidentals	1,000 0	0.0
Equipment and motdentals	2,000 0	٠.
Mathematics.		
A. APPOINTMENTS AND SALARIES.		
Arthur Crathorne, Associate (2 years from September 1,		
Ernest B. Lytle, Associate (2 years from September 1, 1912) Aubrey J. Kempner, Instructor (10 months). William W. Denton, Instructor (10 months). Ellis B. Stouffer, Instructor (10 months). R. M. Winger, Instructor (10 months). Edward W. Chittendan, Instructor (10 months).	$1,700 0 \\ 1,600 0$	00
Aubrey J. Kempner, Instructor (10 months)	1,300 0	ő
William W. Denton, Instructor (10 months)	1.200 0	0
P M Winger Instructor (10 months)	$1,300 0 \\ 1,200 0$	10
Edward W. Chittenden, Instructor (10 months)	1,200 0	00
Edward W. Chittenden, Instructor (10 months)	750 0	00
Arthur Kiernan, Assistant (10 months)	600 0 600 0	
Sidney A. Rowland, Assistant (10 months)	600 0	
Sidney A. Rowland, Assistant (10 months). Clarence M. Hebbert, Assistant (10 months)	600 0	00
George Rutledge, Research Assistant (10 months)	600 0	0
B. Expense.		
Incidentals Subsidy to American Mathematical Monthly	$\begin{array}{ccc} 150 & 0 \\ 50 & 0 \end{array}$	) () ) ()
-		
Total	\$ 200 0	00
Plantitan.		
Physiology.		
A. APPOINTMENTS AND SALARIES.		
Otis O. Stanley, Instructor, on half time (10 months) Student assistance	700 0 600 <b>0</b>	00
B. Expense.	000 0	,,
	1,000 0	00
Equipment and incidentalsLaboratory materials (student fees, estimated)	300 0	ÕÕ
Total	\$1,300 0	
Total	φ1,300 O	,,
Zoölogy.		
A. APPOINTMENTS AND SALARIES.		
Charles C. Adams, Associate (2 years from September 1, 1912)	1,650 0	nn
Research Assistant, vice M. Kemper (10	•	
months)	600 0 600 0	00.
John E. Gutberlet, Assistant (10 months)	600 U	0 U
Harley J. VanCleave, Assistant (10 months)  Bessie R. Green, Assistant (10 months)  Margaret Taggart, Graduate Assistant (10 months)  Horace Stunkard, Graduate Assistant (10 months)  Panzy Barger, Graduate Assistant (10 months)  Graduate Assistant (10 months)	600 0	
Bessie R. Green, Assistant (10 months)	600 0	
Margaret Taggart, Graduate Assistant (10 months)	300 0 300 0	
Panzy Barger. Graduate Assistant (10 months)	300 0	
Graduate Assistant (new; 10 months)	300 0	
Student assistance	850 0 400 0	
Stenographic assistance	600 0	
B. Expense.		
Equipment, apparatus, and furniture	2,500 0	
Laboratory materials (student fees, estimated)	1,000 0	
Total	\$3,500 0	00
Natural History Museum.		
Rearranging and remodeling material on hand, relabeling and cataloging new material, and incidentals	1,000 0	00
with outputs in the control of the c		

1912] PROCEEDINGS OF THE BOARD OF TRUS	TEES. 79	)
Ceramics.		
A. APPOINTMENTS AND SALARIES.	\$ 2,400 00	
Ray T. Stull, Associate (until August 31, 1913) Ralph K. Hursh, Assistant (10 months)	1.000 00	)
, Research Assistant (10 months)		,
Research Assistant (10 months)  Research Assistant (10 months)  Research Assistant (10 months)  Research Assistant (10 months)	500 00	)
B. Expense.		1
Construction and equipment of new laboratory  Machinery and other apparatus	3,500 00	
Machinery and other apparatus	with the Manufac-	
turers' Association	2,400 00	!
Printing		•
Total	\$27,100 00	1
COLLEGE OF ENGINEERING.		
Office of the Dean.		
A. APPOINTMENTS AND SALARIES.	(	
, Assistant Dean, vice W. T. Bawden ( L. Mae Manspeaker, Clerk of the College (12 mo	(1 year) \$1,000 00 onths) 1,000 00	,
Stella Lund Clerk (12 months)		)
Sara M. Slater, Stenographer (12 months) Myrtle E. Heater, Stenographer (12 months)	660 00	)
Architecture.		
Charles R. Clark, Associate in Architectural Co	nstruction	
(1 year)	2,000 00 nonths) 2,000 00	1
(1 year)	ths) 1,200 00 months) 1,200 00	)
Sidney F. Kimball, Instructor in Architecture (10 Roy C. Jones, Instructor in Architecture (10 mo Joseph M. Kellogg, Instructor in Architectural D	$0 \text{ months}) \qquad 1,200 \text{ 00} \\ 0 \text{nths}) \dots \qquad 1,600 \text{ 00}$	ì
Joseph M. Kellogg, Instructor in Architectural D	esign (10	
months) Allen H. Kimball, Instructor in Architectural D		
months)	1,400 00	,
Civil Engineering.		
Carroll C. Wiley, Instructor (10 months)	1,500 00	)
John J. Richey, Instructor (10 months)	1,500 00 1,300 00	,
Neal B. Garver, Instructor (10 months)	1,500 00	١ .
William H. Rayner, Instructor (10 months) Raymond E. Davis Instructor (10 months)	1,100 00 1,000 00 350 00	)
Carroll C. Wiley, Instructor (10 months)		,
Electrical Engineering.		
John M. Bryant, Assistant Professor (3 years from	September 2,200 00	,
1, 1912) Frank G. Willson, Instructor (10 months) Leonard V. James, Instructor (10 months)	1,600 00	)
Leonard V. James, Instructor (10 months) Harry G. Hake Instructor (10 months)	1,300 00 1,200 00	,
Ira W. Fisk, Instructor (10 months)	1,200 00 1,200 00 1,200 00 800 00	i I
Harry G. Hake, Instructor (10 months)  Harry G. Hake, Instructor (10 months)  Ira W. Fisk, Instructor (10 months)  Frank C. Loring, Instructor (10 months)  Hubert M. Turner, Assistant (10 months)  Dessie B. McAlister, Clerk (12 months)		1
Dessie B. McAlister, Clerk (12 months)	480 00	
General Engineering Drawing.		
Robert K. Steward, Instructor (10 months) Francis M. Porter, Instructor (10 months)		
Harold O. Rugg, Instructor (10 months)	1.200 00	)
Harvey H. Jordan, Instructor (10 months) Walter S. Nelson, Half time Assistant (10 mont	hs) 1,000 00	)
Mechanical Engineering.		
David T. Conseque Traducates in 35 abis Char (10	months) 1,200 00	
Frederick Ellis, Instructor in Forge Shop (10 mon	months) 1,050 00 hths) 1,500 00	
Edgar T. Lanhan, Instructor in Machine Shop (10 r Frederick Ellis, Instructor in Wood Shop (10 mon Harry F. Godeke, Instructor in M. E. Laboratory (1 Robert E. Kennedy, Instructor in Foundry (10 John A. Dent, Instructor in M. E. (10 months) Archie S. Buyers, Instructor in M. E. (10 months) Harbert S. Emps. Instructor in M. E. (10 months).	0 months) 1,200 00	,
John A. Dent, Instructor in M. E. (10 months)	ionths) 1,100 00 1,500 00	)
Archie S. Buyers, Instructor in M. E. (10 months) Herbert S. Eames, Instructor in M. E. (10 month	1,200 00 (as) 1,300 00	
Herbert S. Eames, Instructor in M. E. (10 month Edwin B. Flanigan, Assistant in M. E. (10 months James M. Duncan, Assistant in Wood Shop (10 r	800 00	
reter J. Rebinan, Assistant in Forge Shop (10 in	onus) 800 00	
Gustav H. Radebaugh, Assistant in Machine months)	Shop (10	

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John A. Frisk, Assistant in M. E., and Mechanician in the M. E. Laboratory (12 months)	\$1,100	00
M. E. Laboratory (12 months)	1,020	
Lester C. Demlow, Toolroom Attendant, Wood Shop (12	550	
months) Miles Clements, Toolroom Attendant, Machine Shop (12 months)	550	
Benj. F. Winchester, Toolroom attendant, M. E. Laboratory (10 months)	480	
Ilah B. Chandler, Clerk (12 months)	600	
Mining Engineering.		
Herbert H. Lauer, Instructor (10 months)	1,500	
Work (12 months)	1,800	00
Municipal and Sanitary Engineering, and Theoretical and Applied Mechanics.		
Harvey E. Murdock, Associate in T. and A. M. (2 years from Sentember 1, 1912)	1,600	00
Harvey E. Murdock, Associate in T. and A. M. (2 years from September 1, 1912) Fred B. Seely, Instructor in T. and A. M. (10 months) Geo. B. Boomsliter, Instructor in T. and A. M. (10 months)	1,400	00
Clarence E. Noerenberg, Instructor in 1. and A. M. (10	1,300	
months	1,400 1,100	
Harrison F. Gonnerman, Instructor in T. and A. M. (10 months)	1,200	
Newton E. Ensign, Instructor in T. and A. M. (10 months)	1,200	00
Physics.  Floyd P. Watson, Assistant Professor	2,400	nn.
Floyd R. Watson, Assistant Professor Elmer H. Williams, Associate (2 years from September 1,	•	
1912) John W. Hornbeak, Instructor (10 months)	$1,500 \\ 1,000$	00
John W. Hornbeak, Instructor (10 months) Glenn A. Shook, Instructor (10 months) Orrin H. Smith, Assistant (10 months) Lloyd T. Jones, Assistant (10 months) Oscar A. Randolph, Assistant (10 months)	$1,000 \\ 950$	00 00
Lloyd T. Jones, Assistant (10 months)	850 800	
winiam H. Bair, Assistant, on part time (10 months)	500	00
Earle H. Warner, Assistant, on part time (10 months) Student assistants	500 600	00
Earl T. Strong, Mechanician (12 months)	$^{1,140}_{630}$	
Railway Engineering.		
Arthur F. Comstock, Instructor in Railway Civil Engineering (10 months)	1,800	00
, Laboratory Mechanician (12 months)	960	00
NOTE.—Various positions are still to be filled in the salary list of of Engineering. The total amount authorized for salaries in the Engineering is \$168,850.	College	ege of
B. DISTRIBUTION OF INCOME AND EXPENSE. I. Income.		
1. Special legislative appropriation for the maintenance and extension of the Engineering College and expenses of		′
the Engineering Experiment Station	90,000	
<ol> <li>Legislative appropriation for materials for shop practice.</li> <li>Special legislative appropriation for the maintenance and</li> </ol>	6,000	
extension of the Department of Mining Engineering 4. Special appropriation for cooperative work with the State	15,000	
Geological Survey and the U. S. Bureau of Mines  5. Receipts from fees.	5,000	00
<ul> <li>a. Student laboratory fees, estimated \$7,335 00</li> <li>b. For commercial testing and sales 4,665 00</li> </ul>		
	12,000	00
Total		
expended)	25,000 138,850	
7. From general funds of the University	•	
may not have been expended)	200,000	
Total	\$491,850	00
1. Salaries. <i>a.</i> From general fund\$138,850 00		
b. From special legislative appropriation of \$90,000 30,000 00		
Total	168,850	ÒO
10001	·,	-

2. Materials for shop practice	\$ 6,000	00.
	25,000	00.
4. Expenses for all the work of the Engineering Experiment Station, including research fellowships and salaries from the special legislative appropriation of \$90,000  5. Expenses for the maintenance and extension of the Depart-	35,000	00
5. Expenses for the maintenance and extension of the Depart- ment of Mining Engineering	15,000	00
ment of Mining Engineering  6. Expense of cooperative work with the State Geological  Survey and the U.S. Burgey of Mines	5,000	00
Survey and the U. S. Bureau of Mines	25,000	
expended) 8. Laboratories and incidental expenses. a. Student laboratory fees, estimated\$7,335 00 b. For commercial testing and sales4,665 00	20,000	•••
Total	12,000	00
9 Engineering buildings and site (special appropriation, or	200,000	00
Total	\$491,850	0 <b>0</b> ·
ENGINEERING EXPERIMENT STATION.		
A. Salaries.		00
Elizabeth A. Swift, Assistant Editor (12 months)	\$ 1,500	
and A. M. (1 year)	2,500	
(2 years from September 1, 1912)	1,600	<b>0</b> 0
Chemistry (12 months)	1,800	00
A. M. (12 months)	1,500	00
Tryge D. Yensen, Assistant in Department of Electrical Engineering (12 months)	1,200	00
David F. McFarland, First Assistant in Department of Chemistry (12 months)  Willis A. Slater, First Assistant in Department of T. and A. M. (12 months)  Tryge D. Yensen, Assistant in Department of Electrical Engineering (12 months)  John N. Vedder, Assistant in Department of Mechanical Engineering (12 months)  Alonzo P. Kratz, Assistant in Department of Mechanical Engineering (12 months)  Harold H. Dunn, Assistant in Department of Railway Engineering (12 months)	1,320	00
Alonzo P. Kratz, Assistant in Department of Mechanical	1,200	00
Harold H. Dunn, Assistant in Department of Railway Engi-	1,100	<i>;</i> .
neering (12 months)  Hazel B. Van Skiver, Clerk (12 months)  E. Ethyl Bradley, Stenographer (12 months)	780 600	00
E. Ethyl Bradley, Stenographer (12 months) Research fellowships B. EXPENSES	5.000	00
B. Expenses	13,300	00
COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERSTATION.	RIMENT	
General.		
Burt E. Powell, Editor of Agricultural Press Bulletins (12months)	\$2,300	00
Henry L. Rietz, Statistician, Station	1,100 900	00
Agricultural Extension.	1 200	00
Francis M. Simpson, Assistant, College (12 months) Augusta D. Evans, Assistant, College (12 months)	1,000	åå
Agronomy.		
Ora S. Fisher, Associate in Soil Fertility, College and Station (2 years from September 1, 1912) Clarence C. Logan, Associate in Soils Extension, Station	2,000	00
(12 months)	1,800	00
months)	1,800	00
J. Boardman Park, Associate in Plant Breeding, Station (12 months)	1,800	00
months	1,200	00
Ira W. Dickerson, Instructor in Farm Mechanics, College (10 months)	1,500	00
Karl I T Ekhlaw Instructor in Farm Mechanics College	1,500	
(10 months) Sidney V. Holt, Associate in Soll Physics, Station (12 months) Harold W. Stewart, Associate in Soll Physics, College and Station (2 years from September 1, 1912)	1,800	
Station (2 years from September 1, 1912)	1,800	00
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	Transport of TTT 1 A A A A A A A A A A A A A A A A A	
	Henry C. Wheeler, Associate in Soil Physics, Station (12 months)	\$1,800 00
	John E. Whitechurch, Associate in Soil Fertility, Station (12	1,800 00
	Ezekiel É. Hoskins, Associate in Soil Fertility, Station (12	,
	months) Ernest Van Alstine, Associate in Chemistry, Station (12	1,800 00
	months) Ward H. Sachs, First Assistant in Chemistry, Station (12	1,800 00
	months)	1,500 00
	months)	1,200 00
	months)	1,000 00
	months) Frank W. Garrett, Assistant in Soil Fertility, Station (12 months)	1,000 00
	months) Walter B. Gernert, First Assistant in Plant Breeding, Station (12 months)	1.500 00
	Perry E. Karraker, Assistant in Soil Physics, Station (12	,
	months)	1,000 00
	months)	1,200 00
	(12 months)	1,000 00
	months)	1,200 00
	First Assistant in Soil Fertility, Station (12 months)	1,500 00
	Jan T. Flohil, Assistant in Chemistry, Station (12 months)	1,000 00 1,000 00
	William L. Burlison, Associate in Crop Production, College and Station on half time (12 months)	1.200 00
	months)  Frederick C. Bauer, Instructor in Soil Fertility, College; and First Assistant in Soil Fertility, Station (12 months).  Assistant in Chemistry, Station (12 months)  Jan T. Flohil, Assistant in Chemistry, Station (12 months)  William L. Burlison, Associate in Crop Production, College and Station, on half time (12 months).  Albert L. Whiting, Instructor in Soil Biology, College; and First Assistant in Soil Biology, Station (12 months).  John Woodward, Assistant in Soil Physics, Station (12	1,500 00
	months) Robert W. Dickenson, Assistant in Soil Physics, Station	840 00
	(12 months) Clifford E. Wheelock, Assistant in Soil Physics, Station (12	840 00
	months)	840 00
	(12 months)	840.00
Arimai	Husbandry.	
Animal	Husbandry. Louis D. Hall, Assistant Professor of Animal Husbandry.	
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from Sentember 1 1912)	2.700 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,700 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,700 00 2,000 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00 2,100 00 1,800 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00 2,100 00 1,800 00 1,500 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912).  Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months).  Henry P. Rusk, Associate in Cattle, College; and First Assistant in Cattle, Station (2 years from September 1, 1912).  Walter F. Handschin, Assistant in Animal Husbandry, College and Station (12 months).  Harold H. Mitchell, Assistant in Chemistry, Station (12 months).  William H. Smith, Instructor in Animal Husbandry, College; and Assistant in Animal Husbandry, College; and Colle	2,000 00 2,100 00 1,800 00 1,500 00 1,300 00
Arimal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912).  Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months).  Henry P. Rusk, Associate in Cattle, College; and First Assistant in Cattle, Station (2 years from September 1, 1912)  Walter F. Handschin, Assistant in Animal Husbandry, College and Station (12 months).  Harold H. Mitchell, Assistant in Chemistry, Station (12 months).  William H. Smith, Instructor in Animal Husbandry, College; and Assistant in Animal Husbandry, Station (12 months)  Sleeter Bull, Instructor in Animal Nutrition, College; and Assistant in Animal Nutrition, Station (12 months)  John J. Yoke, Assistant in Animal Husbandry, College and	2,000 00  2,100 00  1,800 00  1,500 00  1,300 00  1,400 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912).  Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months).  Henry P. Rusk, Associate in Cattle, College; and First Assistant in Cattle, Station (2 years from September 1, 1912)  Walter F. Handschin, Assistant in Animal Husbandry, College and Station (12 months).  Harold H. Mitchell, Assistant in Chemistry, Station (12 months).  William H. Smith, Instructor in Animal Husbandry, College; and Assistant in Animal Husbandry, Station (12 months)  Sleeter Bull, Instructor in Animal Nutrition, College; and Assistant in Animal Nutrition, Station (12 months)  John J. Yoke, Assistant in Animal Husbandry, College and	2,000 00 2,100 00 1,800 00 1,500 00 1,300 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,300 00  1,400 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00
Animal	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,300 00  1,400 00  1,000 00  500 00
Arimal  Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00
	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00  950 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00  950 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00  950 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00  950 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  1,000 00  500 00  950 00  360 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  500 00  500 00  360 00  3,500 00  1,800 00
Botany.	Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912)	2,000 00  2,100 00  1,800 00  1,500 00  1,400 00  500 00  500 00  360 00  3,500 00  1,800 00  2,000 00

Leroy Lang, Instructor in Dairy Manufactures, College; and Assistant in Dairy Manufactures, Station (12 months). Ray S. Hulce, Assistant in Milk Production, College and	\$1,600	00
Station (12 months)	1,200	00
Station (12 months)  Oliver A. Keller, Assistant in Dairy Manufactures, College and Station (12 months)  H. A. Ruehe, Assistant in Dairy Manufactures, College and Station (12 months)	1,000	00
Station (12 months)	1,400	00
F. A. Fearson, Assistant in Dairy Husbandry, College (12	900	00
months) C. K. Snelling, Assistant in Dairy Husbandry, College (12 months)	900	00
Horticulture.		
Oscar S. Watkins, Associate in Chemistry, Station (12)		
months) Warren A. Ruth, Assistant in Chemistry, Station (12	1,800	00
months)	1,500	00
Arno H. Nehrling, Instructor in Floriculture, College; and Assistant in Floriculture, Station (12 months)	1,500	00
Assistant in Olericulture, Station (12 months)	1,500	00
Thomas Bregger, Assistant in Plant Breeding, Station (12 months	1,200	00
months Lawrence E. Foglesong, Assistant in Pomology, Station (12 months	1,200	00
Joseph Gunderson, Assistant in Pomology, Station (12 months)	1,000	
Geo. L. Peltier, Assistant in Pathology in Floriculture, Sta-	1,000	
S. James Bole, Instructor in Pomology, College; and Assistant in Plant Breeding, Station (12 months)	1,600	
James Flutchmson, Assistant in Floriculture, Station (12		
months	1,200	
months)	1,000	00
Household Science,		
Isabel Bevier, Professor of Household Science; and Director		
of the Courses in Household Science (1 year)	3,000	00
Science (until August 31, 1914) Harriet Rinaker, Instructor (12 months) Cora E. Gray, Instructor (10 months) Nina B. Crigler, Instructor (10 months)	$\frac{2,000}{1,500}$	
Cora E. Gray, Instructor (10 months)	1,100 1,200	00
, instructor, vice Pauline wurster (10 months)	900	ÕÕ
Georgia Fleming, Assistant in Textiles (second semester, 1912-13)	500	00
, Assistant in Nutrition and Dietetics, on half time (10 months)	500	
time (10 months)	900	
service, estimated	900	00
SCHOOL OF MUSIC.		
A. APPOINTMENTS AND SALARIES.		
Charles H. Mills, Director, and Professor of Music (both 1 year)	2,500	00
Constance Barlow-Smith, Instructor in Sight Singing and Ear Training; in charge of Public School Methods (10	2,500	00
months)	$1,600 \\ 1,800$	00
Henry J. Van den Berg, Instructor in Piano (10 months) Albert A. Harding, Instructor in Band Instruments, and		
Director of the Band (10 months)	1,500 $1,700$	00
Lois D. McCobb, Instructor in Voice (10 months)  Florence M. Kirkup, Instructor in Voice (10 months)	900 1,000	00
McElroy Johnston, Instructor in Voice (10 months)  Lois D. McCobb, Instructor in Voice (10 months)  Florence M. Kirkup, Instructor in Voice (10 months)  Edna Almeda Treat, Instructor in Piano (10 months)  months)  , Instructor in Piano, vice Edward Royce (10	900	
months) B. Incidental Fund	1,000 1,400	
S. INCOMMENDE TOTAL	_,-00	
MILITARY DEPARTMENT.		
A. Appointments and Salaries.		
Maj. B. C. Morse, U.S.A., Commandant of Cadets (1 year) Five Assistants in Military Science at \$100 each First Sergeant Frederick W. Post, U.S.A. (retired), Armorer and Administrative Assistant (12 months)	\$576 <b>50</b> 0	
First Sergeant Frederick W. Post, U.S.A. (retired), Armorer		
and Administrative Assistant (12 months)	900	UU

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B. EXPENSE.  1. Department 2. Overhauling, repairing, and cleaning of band instruments.	\$900 250	00
Total	\$1,150	00
DEPARTMENT OF PHYSICAL TRAINING FOR MEN.	•	
A. SALARIES.  Geo. A. Huff, Director (1 year  H. L. Gill, Instructor in Track Athletics and Assistant Director of Athletics (10 months)  Leo G. Hana, Instructor in Gymnasium (10 months)  G. B. Norris, Instructor in Swimming (10 months)  R. N. Fargo, Assistant in Physical Training (10 months)  Ralph Jones, Assistant in Physical Training (10 months)	\$3,000 2,000 1,700 700 500	
Ralph Jones, Assistant in Physical Training (10 months).  B. INCIDENTALS	900 1,200	00
DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.		
A. SALARIES.  Gertrude E. Moulton, Director (1 year) Mary Edith Williams, Instructor (10 months) Verna Brooks, Assistant (10 months) Marion C. Landee, Assistant, on half time (10 months) Rosa-Lee Gaut, Assistant (10 months) Ruby Moore, Student Assistant (10 months) B. Expense	\$1,400 850 800 450 350 200 600	00 00 00 00
GRADUATE SCHOOL.		
Scholarships and fellowships (already appropriated). Research work Library equipment Incidentals Extra clerical help M. P. Brown, Research Assistant (12 months) Lida E. Voigt, Clerk and Stenographer (12 months) Journal of English and Germanic Philology Illinois Survey University Studies Assignment for unattached professorship	\$20,000 5,000 3,000 1,000 600 1,000 2,500 1,400 3,000	00 00 00 00 00 00 00
Total	\$38,450	00
COLLEGE OF LAW.		
A. APPOINTMENTS AND SALARIES. Chester C. Vernier (Professor), Secretary of the College (1 year) John N. Pomeroy, Professor (until August 31, 1914) Stenographer Clerk in the Practice Court Custodians of the Law Library B. EXPENSE. Purchase of law books Printing, postage, etc.	\$3,500 2,200 400 100 600 4,000 1,500	00 00 00 00
Total	\$5,500	
LIBRARY SCHOOL.		
A. SALARIES.  Phineas L. Windsor, Director of the Library School, and Librarian (1 year)  —, Assistant Director, vice A. S. Wilson (1 year)  Florence R. Curtis, Instructor (12 months)  Edna Lyman, Lecturer  —, Reviser, vice Mary H. Clark	\$3,000 2,000 1,200 250 225	00 00 00
B. INCIDENTALS C. SUMMER SESSION LIBRARY SCHOOL, 1913	1,080 515	00

### LIBRARY.

Department of Administration.	
A. SALARIES.  Phineas L. Windsor, Librarian—see under Library School.	•
Phineas L. Windsor, Librarian—see under Library School. Francis K. W. Drury, Lecturer on Order Work in the Library School and Assistant Librarian (1 year).	\$2,000 00
School, and Assistant Librarian (1 year)	\$2,000 00 660 00
(10 months)  Secretary and Stenographer, vice Julia E. Ware	650 00
(12 months)	$720\ 00$ $600\ 00$
Order Department.  Mary H. Roberts, Order Assistant (12 months)	840 00
Mary H. Roberts, Order Assistant (12 months)	720 00
School, and Exchange Assistant (12 months)	1,200 00 780 00 660 00 720 00
Chester Crain, Page (by the hour)	360 00
Loan Department.	
Emma R. Jutton, Lecturer on Loan Department in the Library School, and Loan Librarian (12 months)  Frances M. Feind, Loan Assistant (12 months)	1,200 00 900 00
Sarah E. Bryan, Loan Assistant (12 months)  Ina M. Brown, Loan Assistant (12 months)	780 00 780 00 720 00
Viola Fraser, Loan Assistant (12 months) Bertram Smith, Shelf Assistant (12 months)	660 00 840 00
Viola Fraser, Loan Assistant (12 months) Viola Fraser, Loan Assistant (12 months) Bertram Smith, Shelf Assistant (12 months) Alva L Prickett, Shelf Assistant (10 months) Student Shelf Assistants	$\begin{array}{c} 650 & 00 \\ 1,280 & 00 \end{array}$
, Sunday Assistant, vice Katherine Oaks	72 00
Binding Department.	
Josie B. Houchens, Binding Librarian (12 months)	900 00
Catalog Department.  Philip S. Goulding, Lecturer on Cataloging in the Library	
School, and Catalog Librarian (12 months)	1,600 00
School, and Catalog Librarian (12 months)  Adah Patton, Lecturer on Classification and Subject Headings in the Library School, and Classifier (12 months)  Ethel Bond, Catalog Assistant (12 months)	1,000 00
Ethel Bond, Catalog Assistant (12 months)	840 00 780 00
Antoinette Goetz, Catalog Assistant (12 months) Edith Emigh, Catalog Assistant (12 months) Edith Emigh, Catalog Assistant (12 months) Lilla Alexander, Catalog Assistant (10 months) Mary Torrance, Catalog Assistant (12 months) Fannie Dunlap, Catalog Assistant (12 months) Flora M. Case, Catalog Assistant (10 months) Mary Blackwell, Typist (12 months)  ———————————————————————————————————	780 <b>0</b> 0 600 00
Mary Torrance, Catalog Assistant (12 months)	660 00 660 00
Flora M. Case, Catalog Assistant (12 months)	<b>550</b> 00
Mary Blackwell, Typist (12 months)	600 00 500 00
Student Assistants	600 00
Reference Department.	
Frances Simpson, Assistant Professor of Library Economy in the Library School, and Reference Librarian—(paid from the Library School).	
from the Library School).  Margaret Hutchins, Lecturer on General Reference in the Library School, and Reference Assistant (12 months)	840 00
Alice Johnson, Lecturer on General Reference in the Library School, and Reference Assistant (12 months)	840 00
Departmental Libraries.	
, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant	
in Classics, vice Nellie C. Geddes (12 months) John B. Kaiser, Lecturer on Departmental Library Problems	900 00
John B. Kaiser, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in Economics (12 months)	1,200 00
Ola M. Wyeth, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assist- ant in German and Romance Languages (12 months)	900 00
ant in German and Romance Languages (12 months)  Florence R. Curtis, Instructor in Library Economy in the Library School, and Departmental Library Assistant in Library Economy (12 months)—(paid from the Library	
Library Economy (12 months)—(paid from the Library	
School). Margaret Kingsbury, Lecturer on Departmental Library Problems in the Library School, and Departmental Library	
Assistant in History and Political Science (12 months)	900 00

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Jennie A. Craig, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in English (12 months)  Margaret Herdman, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in Psychology and Education (12 months).  Charles E. Janvrin, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in Natural History, on half time (12 months).  Students Assistants  B. EXPENSE.  Purchase of books, etc. Library incidentals Printing catalog cards Publications Cataloging Groeber Library Moving books to and from seminar libraries	\$ 900 900 450 1,700 25,000 1,400 625 170 750 200 \$28,145	00 00 00 00 00 00 00 00
STATE WATER SURVEY.		
A. SALARIES.  Paul Hansen, Engineer (12 months from September 1, 1912)  W. L. Langelier, Inspector (12 months from September 1, 1912)  H. P. Corson, Chemist and Bacteriologist (12 months from September 1, 1912)  W. G. Stromquist, Assistant Engineer (12 months from September 1, 1912)  Ralph Hilscher, Assistant Engineer (12 months from September 1, 1912)  M. E. Hinds, Assistant Chemist (12 months from September 1, 1912)  E. E. Holmann, Assistant Chemist (12 months from July 1, 1912)  F. W. Mohlmann, Assistant Chemist (11 months from October 1, 1912)  C. Scholl, Student Assistant (10 months from September 1, 1912)  F. W. Tanner, Assistant Bacteriologist (11½ months from July 15, 1912)  Carman Harnack, Clerk (12 months from July 1, 1912)  Marie Jester, Stenographer (12 months from July 1, 1912)  Jane McMullen, Stenographer (12 months from July 1, 1912)  Elliza Hart, Stenographer (12 months from July 1, 1912)  J. J. Johnson, Janitor and Laboratory Assistant (12 months from July 1, 1912)  B. EXPENSE.  Scientific investigations  Equipment  Supplies  Printing  Postage, express, etc.  Traveling expenses  Miscellaneous	\$3,000 1,200 1,200 1,200 720 720 660 100 690 660 540 420 500 900 2,500 2,500	00 00 00 00 00 00 00 00 00 00 00 00 00
Total	\$5,580	00
SCHOOL OF PHARMACY.  A. SALARIES.  a. For instruction.		
William B. Day, Professor of Histological Botany (1 year).  Clyde M. Snow, Assistant Professor of Pharmacy (1 year)  Albert Henry Clark, Assistant Professor of Chemistry (1 year)  Ben L. Eicher, Assistant in Pharmacy (1 year).  Edmund N. Gathercoal, Instructor in Pharmacognosy (1 year)  Henry William Colson, Assistant in Chemistry (1 year)  Bernard Fantus, Lecturer on Physiology (1 year).  Student Assistants  b. For services.  William B. Day, Acting Dean, Secretary and Actuary (1 year)  R. Meseck, Janitor (12 months).  Mary Scanlan, Stenographer (12 months)  Extra help	\$1,200 1,800 1,800 1,000 1,000 1,000 250 250 1,300 720 25	00 00 00 00 00 00 00 00

в.	Expense.	
	Rent	\$6,000 <b>00</b>
	Light	425 00
	Apparatus	1,100 00
	Laboratory supplies	1,200 00
	Advertising, including announcement	1,000 00
	Printing and postage	300 00
	Library	200 00
	Water tax	15 00
	Telephone	70 00
	Laboratory refunds	260 00
	Repairs	300 <b>00</b>
	Incidentals	600 <b>00</b>
	Special assessments	50 <b>00</b>
	Furniture and fixtures	200 <b>00</b> 150 <b>00</b>
	Refunded tuition	190 00
	Total	\$11,870 00
	Total	\$11,870 (

	WISCELLANEOUS APP	THUPNIATIO	INO.	
(d) ations A.	The following recommendations was:	ith respect	to miscella	aneous appro-
л.	<ol> <li>Board expense</li> <li>Labor</li> <li>Heat, light, maintenance, coal,</li> <li>Printing, postage, catalog, etc.</li> <li>Furniture and fixtures</li> </ol>	gas, etc	. 60,000 0 . 40,000 0 . 12,000 0	0 0 0 0
-	Total			. \$119,500 00
В.	1. Summer Session 2. Lectures 3. High School Contest 4. Public Drawing Exhibit 5. Alumni Quarterly 6. Band and military scholarships 7. University fellowships 8. Expense—University News Bulle 9. Incidentals 10. Other departments, buildings an 11. Historic and artistic cabinets an	s. tin. d grounds. d collections-	5,000 ( 400 ( 1,000 ( 2,000 ( 1,000 ( 1,000 ( 1,000 ( 25,000 ( 3,000 ( 3,000 ( 3,000 (	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Total	· • • • • • • • • • • • • • • • • • • •		64,850 00
	Ø . 1 . 1 - 1			0104.050 00

Grand total ...... \$184,350 00 The foregoing recommendations with respect to (a) administrative appointments, (b) new appointments and promotions, (c) reappointments, salary increases, and departmental appropriations, and (d) miscellaneous

### MR. HATCH ELECTED PRESIDENT PRO TEM.

The following resolution was adopted:

appropriations, were approved in full.

Whereas, W. L. Abbott, President of the Board of Trustees, has signified his intention to be absent from his office and the State for the period of six weeks immediately following the 16th day of July, 1912, and Whereas, He is, as such official, required almost daily to sign warrants for properly audited accounts against the University, and to discharge other duties relating to the business of the University; therefore be it \*Resolved, That Fred L. Hatch, a duly elected and qualified member of this Board of Trustees, be, and he is hereby, appointed to act as president of this board from July 16, 1912, to August 31, 1912, and during the absence of the said W. L. Abbott from the State, with full power to sign warrants, and do all other things pertaining to the business of the University which the said W. L. Abbott, as president of the board, may now lawfully do.

### BUILDING PLANS: ARMORY, LOCOMOTIVE LABORATORY, STOCK JUDGING PAVILION, AND GREENHOUSES.

President James presented the following letter from Mr. W. Carbys Zimmerman, State Architect, with respect to the plans and contracts for the Armory, the Locomotive Laboratory, the Stock Judging Pavilion, and the Horticultural Greenhouses:

1101 STEINWAY HALL, CHICAGO, July 3, 1912.

Dr. Edmund J. James, University of Illinois, Urbana, Ill.

DEAR SIR: In reply to yours of July 1, I beg to say that on studying the matter more fully it seemed to me that the best solution of the problem would be to devise some scheme by which all of the trusses could be erected, so that the expensive tools necessary for this purpose would not again have to be brought to the site.

to the site.

I took the matter up with the lowest bidder, the Morava Construction Company, and this company finally agreed to furnish and erect all steel work excepting the ends for the sum of \$59,500. This proposal was submitted to and tentatively approved by Mr. Abbott, and the Morava Construction Company were told that if the enclosure cost of the building would not exceed the balance of the funds available, the work would be awarded to them.

The contractors' bids for this enclosure work were received and opened today, and it appears that the bid of N. H. Shields, of Danville, of \$35,417 is the lowest. Mr. Shields further agreed to allow \$800 for a change in the method of holding certain roof beams, \$450 to give the woodwork one coat of oil instead of two coats of paint, and \$300 allowance on general principles, he finding at the last moment that he can get the lumber at a lower cost than originally estimated on by him. I am satisfied that these allowances are fair and reasonable.

Morava Construction Company's option on the steel expires on the 15th, and

Morava Construction Company's option on the steel expires on the 15th, and I recommended that a contract be entered into with the Morava Construction Company and N. H. Shields, on contracts of \$59,500 and \$33,867, or a total

of \$93,367.

of \$93,367.

The balance of \$6,633 is an insufficient amount to arrange for a heating system in the building, but should make it possible to install temporary lighting.

Referring again to your letter, I will say that the Locomotive Laboratory plans are well underway and will be ready for specification in a short time.

The sketch plans for the Stock Judging Pavilion have been submitted to the department, and, as I understand it, are approved in a general way. As you know the appropriation for this building is insufficient to carry out the schemes proposed, and it will be necessary to decide what portion of the building is to be erected at this time. I would recommend that an attempt be made to finish the central portion, viz, the large arena, as completey as this can be done, but shall be pleased to follow whatever you may direct me to do.

My understanding was and is that the plans for the greenhouses would be submitted by greenhouse builders, with their bids, and I, therefore, have not worked on them.

Respectfully yours,

Respectfully yours,
W. CARBYS ZIMMERMAN.

P. S.—I am sending a copy of this letter to Mr. Abbott, and enclose a copy of bids received on the enclosure.

### [SCHEDULE OF BIDS.]

### ARCHITECTURAL WORK-ARMORY BUILDING-UNIVERSITY OF ILLINOIS.

Contractors.	"A" Complete building as per plans and speci- fications in 6 months' time.		"C" Price per cubic feet concrete.	"D" Price per cubic yard of exca- vation.
English Bros.  J. F. Schmitt Bros. Company  N. H. Shilds.		\$37,100 00 41,998 00 35,417 00	$.25$ $.25$ $.17\frac{1}{2}$	\$0 75 40 40

It was voted that the proposition of the Morava Construction Company, which was submitted to and tentatively approved by the president of the board, be approved, and that the officers of the board be authorized to sign a contract with the Morava Construction Company to furnish and erect all the steel work for the Armory, excepting the ends, for the sum of fifty-nine thousand five hundred dollars (\$59,500); also, that they be authorized to sign a contract with N. H. Shields, of Danville, for the enclosure of the building according to the bids submitted, including the complete architectural work on the building except sewers and grading, to be completed in six months, for the sum of thirty-three thousand, eight hundred sixty-seven dollars (\$33,867).

### PLANS FOR STOCK JUDGING PAVILION AND HORTICULTURAL GREENHOUSES.

President James submitted plans for the Stock Judging Pavilion and for the Horticultural Greenhouses.

Both these sets of plans referred to the Committee on Agriculture for consideration and report.

### LEGAL PROCEEDINGS WITH REFERENCE TO THE CONKLE PROPERTY.

President James presented also the following report from Dean O. A. Harker, legal counsel, with respect to the proceedings connected with the acquisition of the Conkle property, which was received to be printed in the minutes.

University of Illinois, July 3, 1912.

To the President and the Board of Trustees of the University of Illinois: As legal counsel for the University. I beg leave to submit the following:

REPORT CONCERNING THE PURCHASE OF THE CONKLE PROPERTY.

REPORT CONCERNING THE PURCHASE OF THE CONKLE PROPERTY.

The property consists of the north 8 rods of the west 8 rods of lot 1, and the north 8 rods of lot 2, W. N. Goodwin's addition to Urbana, being bounded on the north by the Illinois Traction right-of-way and on the west by Mathews Avenue, Before the matter was reported to me an agreement had been entered into between the owners of the property and Mr. S. K. Hughes, acting for the University, whereby it was agreed that the University should pay to the owner the sum of \$10,550 after the completion of condemnation proceedings. It was agreed that the property should be condemned, and that in the event of the jury fixing the value at more than the sum agreed upon there should be a remittitur entered which would serve to fix the value of \$10,550, and that if it should be below that sum it should be raised an amount sufficient to reach that sum. I ascertained that one of the interested parties is confined in an insane asylum in Kansas, and for that reason the agreement, at least so far as he was concerned, was not legal.

After conferring with the attorney for the owners of the property, it was agreed that a bill for partition should be filed, and that the regular proceedings required by statute for the ascertainment of the interest of the parties should be pursued. The partition suit was commenced immediately and resulted in a decree declaring the interests of the parties. Commissioners were appointed to make a partition. The commissioners reported that the premises were not susceptible of partition and fixed the value at \$12,000.

After the coming in of the report the court decreed a sale, which was advertised accordingly by master in chancery. I appeared upon the day of sale and bild on the property until I reached \$11,001. The parties complainant bid \$11,500, and it was knocked off at that price. The parties were unable to comply with the requirements of the sale, and it was readvertised for sale for the 25th of June. Under instruction from the president of yo

Respectfully submitted,
O. A. HARKER, Legal Counsel.

The Executive Committee adjourned.

W. L. ABBOTT, A. P. GROUT, FRED L. HATCH,

C. M. McConn. Clerk.

Executive Committee.

### ADJOURNED MEETING OF JULY 13, 1912.

Pursuant to the adjournment taken at the session of July 5, 1912, the Board of Trustees of the University of Illinois convened at the La Salle Hotel, in the city of Chicago, at 12:30 P.M., on Saturday, July 13, 1912.

The following members were present: Mr. Abbott, Mrs. Bahrenburg, Mr. Grout, Mr. Hatch, Mr. Hoit. President James and Professor James M. White, supervising architect, were also in attendance.

There being no quorum, the board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

### MEETING OF THE EXECUTIVE COMMITTEE JULY 13, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in Chicago, on Saturday, July 13, 1912, following the adjournment of the session of the board held on that date.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mrs. Bahrenburg and Mr. Hoit, members of the board, President James, and Professor James M. White, supervising architect.

### REPORT FROM THE COMMITTEE ON AGRICULTURE.

The following report was received from the Committee on Agriculture, and the recommendations contained therein were approved in full:

CHICAGO, ILL., July 13, 1912.

To the Board of Trustees of the University of Illinois:

Your Committee on Agriculture held a meeting at the LaSalle Hotel in Chicago on this date. All the members of the committee were present, namely: Messrs. Hatch, Grout and Hoit; also Mr. Abbott and Mrs. Bahrenburg, members of the board, President James, and Professor James M. White, Supervising Architect.

### PLANS FOR STOCK JUDGING PAVILION.

The supervising architect presented plans for the Stock Judging Pavilion prepared by the State Architect; these plans providing for a large central arena, with reinforced concrete seating for two thousand people; for suitable stables, to be erected at the south; for recitation and class rooms on the east, west, and north; for a main entrance on the north; and for four smaller stock judging lecture rooms in the four corners of the building; it being proposed to erect the central arena and the stables with the appropriation of eighty thousand dollars (\$80,000) made by the Forty-seventh General Assembly; the other portions of the proposed building to be added from time to time as funds may be granted by the General Assembly.

The committee voted to recommend that this general plan for the Stock Judging Pavilion be approved as submitted, and that the State Architect be instructed to proceed with the working drawings.

### HORTICULTURAL GREENHOUSES: PLANS AND CONTRACTS.

The supervising architect submitted, also, the following documents relating to the new horticultural greenhouses:

- (a) General plans for these greenhouses, showing in particular the portion of the proposed glasshouses to be erected at this time; including, for the work in floriculture, one section of the palmhouse, a service building, and one glass range of 332 feet by 34 feet connecting the palmhouse and the service building; and, for the work in vegetables, a service building and one L-shaped range.
- (b) Sketches for the service buildings, for which it is proposed that the State Architect shall prepare the plans; it being understood that plans for the glasshouses will be prepared by firms making a specialty of horticultural construction; these firms, however, to furnish the superstructure only, the remainder of the work to be contracted for by the University.
- (c) A bid from the Foley Manufacturing Company of six thousand seventy-five dollars (\$6,075) for the superstructure of the vegetable ranges, exclusive of glass, but including heating.
- (d) Estimates on the remaining contracts necessary for the completion of this structure, showing a probable total cost for this remaining work of two thousand eighty-one dollars and twenty-five cents (\$2,081.25).

eignty-one dollars and twenty-five cents (\$2,081.25).

On the recommendation of the supervising architect, approved by the President of the University, the committee voted to recommend: (1) The approval of the general plans for the horticultural greenhouses as submitted; (2) the authorization of the State Architect to prepare plans for the two service buildings; (3) the acceptance of the bid of the Foley Manufacturing Company of six thousand seventy-five dollars (\$6,075) for the superstructure of the vegetable ranges, exclusive of glass, but including heating; (4) the authorization of the supervising architect to award the remaining contracts necessary for the completion of these structures at an estimated cost of two thousand eighty-one dollars and twenty-five cents (\$2081.25).

The committee adjourned.

Respectfully submitted,
FRED L. HATCH,
A. P. GROUT,
O. W. HOIT,

Committee on Agriculture.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

### COMPLETION OF PLANS FOR NEW ARMORY.

(1) The following statement with respect to the desirability of having the plans for the new armory completed as soon as possible:

The experience of the University in the erection of new buildings has shown that it is extremely desirable to have as far as possible completed plans for a building in hand at the time the erection of the building is begun even though it be not possible to complete the building planned for at once. Accordingly it seems to me that the plans for the new armory as it will be in its final form should be completed as soon as possible.

The State Architect, moreover, has repeatedly said that he does not expect to continue in his present position for any great length of time. If he resigns before these plans are entirely completed, it might be difficult to secure new plans in thorough harmony with the project of the present State Architect.

It was voted to request the State Architect to prepare as soon as may

It was voted to request the State Architect to prepare as soon as may be convenient the working drawings for the completed armory (not necessarily including detailed specifications), in accordance with the general plan which has been approved by the Board of Trustees.

## LOCOMOTIVE LABORATORY: PLANS AND AUTHORITY FOR BIDS AND CONTRACTS.

(2) Plans and drawings for the locomotive laboratory prepared by the Department of Railway Engineering and approved by the State Architect.

It was voted to approve in general the plans submitted, subject to such modification in details as may hereafter be agreed upon by the State Architect and the Dean of the College of Engineering. It was voted, further, to authorize the State Architect to advertise for bids upon the basis of these plans at such time as the drawings shall have been completed; and to authorize the officers of the board to let the contract for the construction of the building in accordance with these plans.

### NEW TRACKAGE.

(3) Plans prepared by the Dean of the College of Engineering for the construction of switch tracks and spurs to connect the locomotive laboratory with the tracks of the Illinois Traction Company.

It was voted to authorize the construction of two spurs (numbered "4" and "5" on the diagram submitted) connecting the locomotive laboratory across Goodwin Avenue with the interurban tracks and such a switch (numbered "3" on the diagram submitted) as may be necessary to join these spurs to the main line of the interurban railway, in accordance with the plans submitted; the cost of this new trackage and switch to be charged to the special appropriation for an engineering building and ground.

### CHANGES IN LAW BUILDING.

(4) A communication from Professor James M. White, Supervising Architect, presenting plans for the reconstruction, remodeling, and equipment of the Law School Building, including a lowering of the portico of the west entrance to grade, in order to make a more dignified entrance to the ground story of the building, and the finishing of the ground story for use.

It was voted to authorize the supervising architect to proceed with this reconstruction, remodeling, and equipment of the Law School Building in accordance with the plans submitted, within the funds appropriated by the General Assembly for this purpose.

### NEW ENGINEERING BUILDING: POWER CONNECTIONS, WALKS, AND GRADING.

(5) A recommendation from Professor James M. White, Supervising Architect, that the sum of six thousand six hundred dollars (\$6,600), or so much thereof as may be necessary, be appropriated for the purpose of making the heat, light, and power connections with the new engineering buildings, lying east of Mathews Avenue and between Silver Creek and the Illinois Traction System right-of-way, and for constructing walks and doing the grading in connection with these buildings; the above sum to be charged to the appropriation for an engineering building and ground.

### FURNITURE AND EQUIPMENT FOR NEW ENGINEERING BUILDING.

(6) A recommendation that the Dean of the College of Engineering be authorized to purchase furniture and equipment for the buildings of the transportation group; the sums expended for the same to be charged to the appropriation for an engineering building and ground.

The foregoing recommendations were approved.

### OPTIONS ON LAND SOUTHEAST OF THE FORESTRY.

(7) A communication from Professor J. C. Blair, head of the Department of Horticulture, enclosing an option for the purchase of 27.8 acres of land lying south and east of the Forestry, at a price of fifteen hundred dollars (\$1,500) per acre; accompanied by a request that the board secure an option for the purchase from the Busey heirs of 150 acres lying east of Lincoln Avenue and south of the road running south of the cemetery.

This communication was referred to the Committee on Agriculture for consideration and report.

### APPOINTMENT OF ASSISTANT TO THE SUPERVISING ARCHITECT.

(8) A recommendation from Professor James M. White, Supervising Architect, that Mr. H. D. Oberdorfer be appointed assistant to the supervising architect for one year, beginning July 1, 1912, at a salary of two thousand dollars (\$2,000) for the year; this salary to be charged to specific building and operating appropriations as may from time to time be found to be equitable.

This recommendation was approved.

### REPAIRS.

A request from the supervising architect for the approval of proposed repairs in the University buildings to the amount of \$10,000.

It was voted to appropriate ten thousand dollars (\$10,000) for repairs in the University buildings proposed by the supervising architect, subject to the approval of the president of the University.

### COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.

(9) A communication from Professor James M. White, Supervising Architect, presenting revised plans for the completion of the third story of the addition  ${\bf to}$  the Woman's Building (see pp. 2 and 40 above).

It was voted to request the State Architect to prepare detailed plans for this work as soon as possible, basing on plans submitted by the supervising architect and approved by the president of the University; and, as soon as the plans shall be completed, to call for bids thereon.

At this point Mr. Hatch withdrew from the meeting.

### THE STATE BOARD OF PRISON INDUSTRIES AND UNIVERSITY PRINTING.

(10) A memorandum concerning a statement of the State Board of Prison Industries that they will not continue to approve releases on printing required by the University. Also, a statement from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that in his opinion the State Board of Prison Industries cannot satisfactorily do the work of printing the agricultural bulletins, and that it would be better to cease publishing these bulletins altogether than to send them out in such unsatisfactory form as we should have if the State Board of Prison Industries insists on printing them; for the reason that the whole value of these bulletins often turns upon absolute accuracy in figures and the like, and it seems to be impossible to secure accuracy in work done by the State Board of Prison Industries.

This memorandum was received for record.

### REPORT OF FEES.

The secretary presented the registrar's report of fees due from the students of the University at Urbana for the second semester of the year 1911-12, as follows:

	Gross.	Refund.	Net Total.
Matriculation fee (\$10.00)	\$ 1,102 50	\$ 32 50	\$ 1,070 00
2496 @ \$12.00	29,952 00	216 00	29,726 00
1 @ \$8.00 (two-thirds)	8 00		8 00 (minus) 384 00
Total incidental fees	\$29,966 00	\$606 00	\$29,360 00
Tuition fees—			
363 @ \$ 7.50	2,722 50	37 50	2,685 00
0 @ \$ 3.75 (one-half	2,600 00	$\begin{array}{ccc} & 112 & 50 \\ & 50 & 00 \end{array}$	(minus) 112 50 2,550 00
104 @ \$25.00 (law)	110 00	)	110 00
5 @ \$12.50 (one-half, law)	62 50		50 00
Total tuition	\$5,495 00	\$212 50	\$5,282 50
Music fees—			
1 @ \$ 3.00	3 00		3 00
3 @ \$ 6.00	18 00		18 00
2 @ \$ 7.50	15 00 408 00		$\begin{array}{c} 15 & 00 \\ 408 & 00 \end{array}$
4 @ \$ 9.00	36 00		27 00
1 @ \$ 9.75	9 78		9 75
9 @ \$11.00	99 00		99 00
1 @ \$12.00	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{ccc} 12 & 00 \\ 14 & 50 \end{array}$
8 @ \$15.00	120 00		120 00
12 @ \$19.50	234 00	19 50	214 50
1 @ \$25.00	25 00		25 00 65 00
2 @ \$32.50	65 00		
Total music fees			\$1,030 75
Total general fees	\$37,622 75	\$879 50	\$36,743 25
Laboratory fees—			
Architecture	461 50		461 50
Botany Ceramics	993 00 85 00		993 00 85 00
Chemistry Civil engineering	6,577 00		6,569 00
Civil engineering	156 50		155 50
Electrical engineering	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		812 00 183 00
Entomology	295 00		295 00
Geology	264 75		264 75
Household science	498 00	9 00	489 00
Mechanical engineering	228 00 869 50	1 50	228 00 868 00
Physiology	42 00		42 00
Physiology Psychology	6 00	50	5 50
R. R. engineering T. & A. mechanics	28 00 160 00	• • • • • •	28 00 160 0 <b>0</b>
Zoölogy	<b>510</b> 50	$\ddot{1}$ $\dot{2}\dot{5}$	509 25
Total laboratory fees	\$12,169 75	\$21 25	\$12,148 50
Listener's fees—			•
9 @ \$7.50	67 50	• • • • • •	67 50
Special examination fees—	005 00		
185 @ \$5.00	925 00	• • • • • •	925 00
Late registration fees— 121 @ \$1.00	121 00	• • • • • •	121 00
Change fees—	000.00		
289 @ \$1.00	289 00	1 00	288 00
Diploma fees—	0.000.00		0.000.00
644 @ \$5.00	3,220 00		3,220 00
Total special fees	\$4,555 00	\$1 00	\$4,554 00
Total fees	\$54,415 00	\$901 75	\$53,513 25

### THE TREASURER'S REPORT.

The secretary presented also the report of Mr. H. A. Haugan, treasurer, for the quarter ending June 30, 1912, which was received for record.

### TREASURER'S REPORT.

H. A. H	Augan, Treasurer, in Account with the University  June 30, 1912.	of Illin	ois
1912.	Dr.		
Mar. 31.	Balance per last statement	\$331,728	95
Apr. 3.	Balance per last statement	1 050	70
9	College of Medicine Fund	1,050	78
, 3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund	1,314	57
3.	Received from W. B. Day, Actuary, for credit of School	0.5	
	of Pharmacy fund	25	00
6.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	.69	23
11.	of Pharmacy fund		
10	College of Medicine fund	1,444	18
12.	Received from U. S. Treasurer quarterly federal appropriation for credit of Agricultural Experiment Station fund	7,438	04
17.	Received from State Auditor for credit of general fund	541,825	00
17.	Received from O. E. Staples, Chief Clerk, for credit of	10,000	00
18.	general fund	10,000	00
10.	of Pharmacy fund	155	59
22.	of Pharmacy fund	36	14
23.	Received from W. B. Day, Actuary, for credit of School	•	
20.	of Pharmacy fund	91	90
29.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund	995	15
30.		000	10
	of Dharmaar fund	70	38
May 1.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund	1,265	95
1.	Received from D. A. K. Steele, Actuary, for credit of	-	
0	College of Medicine fund	709. 300,000	
$\frac{2}{3}$ .	Received from State Auditor for credit of general fund Received from D. A. K. Steele, Actuary, for credit of		
	College of Medicine fund	426	95
3.	of Pharmacy fund	2	00
6.	Received from D. A. K. Steele, Actuary, for credit of	538	e o
6.	Received from O. E. Staples Chief Clerk, for credit of	990	00
	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund Received from O. E. Staples, Chief Clerk, for credit of general fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	10,000	00
9.	College of Medicine fund	551	91
14.	Received from D. A. K. Steele, Actuary, for credit of	917	15
18.	Received from W. B. Day, Actuary, for credit of School	911	10
9.0	of Pharmacy fund	30	77
20.	College of Medicine fund	533	70
23.			
31.	Received from W. B. Day, Actuary for credit of School	1,052	66
	of Pharmacy fund	31	28
June 1.	College of Medicine fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund College of Medicine fund Stoole Actuary for credit of	1,113	33
5.	received from D. A. K. Steele, Actuary, for credit of	•	
8.	College of Medicine fund	1,166	63
	College of Medicine fund	2,344	47
8.	Received from D. A. K. Steele, Actuary, for credit of	1 400	70
10.		1,468	10
26.	general fund	10,000	00
20.	general fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from O. E. Staples, Chief Clerk, for credit of	35	00
29.	Received from O. E. Staples, Chief Clerk, for credit of general fund	15,000	óń
	-		
	Cr.	1,243,433	91
June 30.	By amount paid out of general fund as per		
	list of warrants herewith\$459,093 23 By amount paid out of College of Medicine		
	fund, as per list of warrants herewith 31,498 82		
	fund, as per list of warrants herewith 31,498 82 By amount paid out of School of Pharmacy fund, as per list of warrants herewith 5,400 49 By amount paid out of Agricultural Experiment		
	By amount paid out of Agricultural Experiment		
	Station fund, as per list of warrants herewith 11,097 32	\$507,089	86
		, , , , , , , , , , , ,	

•		
TREASURER'S REPORT—Concluded.		
General fund\$711,527 3		
College of Medicine fund         14,863 0           School of Pharmacy fund         5,429 3	9	
Agricultural Experiment Station fund		344 05

Respectfully submitted,
HENRY A. HAUGAN, Treasurer.

The Executive Committee adjourned.

W. L. ABBOTT, A. P. GROUT, FRED L. HATCH,

C. M. McConn, Clerk.

Executive Committee.

### Meeting of August 23, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, at 12 m., on Friday, August 23, 1912, pursuant to the following notice, which was sent out by order of the president of the board on August 17, 1912:

By order of the President of the Board, a meeting of the Board of Trustees of the University of Illinois has been called to meet at the LaSalle Hotel, in Chicago, on Friday, August 23, at 12:00 M., to consider reports of committees, and such other matters as may be presented by the President of the University, and other business which may properly come before the meeting.

When the board convened the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit. President James was also present.

There being no quorum, the board adjourned.

W. L. ABBOTT, President.

C. M. McConn, Secretary.

### MEETING OF THE EXECUTIVE COMMITTEE AUGUST 23, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, Chicago, immediately following the adjournment of the special meeting of the board on August 23, 1912.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mrs. Busey, Mrs. Evans, and Mr. Hoit, members of the board, and President James.

### SETTLEMENT WITH THE COLLEGE OF PHYSICIANS AND SURGEONS.

President James presented the following communications from the comptroller and the legal counsel of the University with respect to the settlement with the College of Physicians and Surgeons (these communications being the certificates required under the action taken by the Executive Committee of the board on July 5, 1912, p. 70):

### COMPTROLLER'S STATEMENT.

August 8, 1912.

President Edmund J. James, University of Illinois.

DEAR SIR: I enclose herewith a statement of the receipts and expenditures of the College of Medicine from September 1, 1910, to July 1, 1912. Eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53) is without question due the College of Physicians and Surgeons by the conditions of the lease for that time.

I also enclose a copy of the inventory showing the apparatus, etc., purchased in the year 1910-1911 which you directed to be stamped as belonging to the University of Illinois. The item three thousand five hundred dollars (\$3,500) is not surgeed to be of this class.

not supposed to be of this class.

Sincerely yours, S. W. SHATTUCK, Comptroller.

### [ENCLOSURE.]

STATEMENT OF RECEIPTS AND EXPENDITURES OF THE COLLEGE OF MEDICINE.

For the Year, September 1, 1910, to September 1, 1911.		
Receipts Expenditures	\$100,310 94,165	
Balance, September 1, 1911	\$6,145 1,017	
Total balance for year	\$7,162 2,000	
Final balance for the year 1910-11	\$5,162	13
For the Ten Months, September 1, 1911, to July 1, 1912. Receipts	\$98,519 1,017	29 00
Expenditures	\$97,502 89,423	
Balance, July 1, 1912	\$8,078 Shattuck	

### COUNSEL'S STATEMENT.

August 5, 1912.

President Edmund J. James, University of Illinois. MY DEAR PRESIDENT JAMES:

[Two paragraphs of Mr. Harker's letter, relating to an entirely difffferent

[Two paragraphs of Mr. Harker's letter, relating to an entirely diffferent matter, are here omitted.]

Professor Shattuck and I have agreed upon terms of settlement with the College of Physicians and Surgeons except as to the earnings under the lease of 1910-1911. I have advised him that he should pay over none of those earnings unless expressly authorized by the Board of Trustees or the Executive Committee. I am satisfied that the Internal Revenue Department will not insist upon any claim for tax free alcohol that was used for educational and scientific purposes. What I mean is that the department will make no claim because of the technical irregularity in having the permit continued to the curator of the College of Physicians and Surgeons instead of having it transferred or issued to the curator of the Medical Department of the University of Illinois. What the department will insist upon is a claim for violation of the federal statute by the use of the alcohol by professors in the college upon paying patients. If there are such violations, the University is in no way liable, but the recovery would be against the curator and his bondsman; so I can see no reason why the College of Physicians and Surgeons should be called upon to give any indemnity bond on that score. I can conceive of no other claim that could be legally urged against the University either by the State or any individual because the officials immediately in charge of the college have violated some provision of the statute or some rule of common law.

I have fully advised Professor Shattuck as to the character of release for furniture, apparatus, etc.

furniture, apparatus, etc.

Sincerely yours, O. A. HARKER Legal Counsel.

On motion of Mr. Abbott, it was voted to approve the comptroller's account as printed above, to direct the comptroller to pay over to the College of Physicians and Surgeons the sum of eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53), more or less, being the balance on account of the transactions of the Medical School for the ten months ending July 1, 1912, and to appropriate the sum of eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53), or so much thereof as may be required, for this purpose; the payment of the said sum to the College of Physicians and Surgeons by the comptroller to be conditional, however, upon the receipt by him of a certificate from the proper officers of the College of Physicians and Surgeons that the property, plant, and equipment leased by the University on September 1, 1911, as described in the indenture of said date and the schedule thereto attached marked "Schedule A" (which bears the signatures of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, Comptroller of the University of Illinois, for the purpose of identification), have been received by the College of Physicians and Surgeons from the University in good condition, as provided in section 2 of the said indenture, and that the College of Physicians and Surgeons does waive all claims of every sort or description against the University of Illinois on account of the condition of the said property, plant, and equipment; and is further conditional upon the receipt by the comptroller of a satisfactory guarantee from the College of Physicians and Surgeons to pay any outstanding accounts against the Medical School and to assume any liabilities that may arise against the University as a result of its relations with the College of Physicians and Surgeons.

It was voted, also, to authorize the comptroller to turn over to the College of Physicians and Surgeons two thousand dollars (\$2,000) in bonds of the College of Physicians and Surgeons, representing an investment for the benefit of two missionary scholarships, founded by the Northwestern Branch of the Woman's Foreign Missionary Society of the Methodist Episcopal Church, which are to be continued in the College of Physicians and Surgeons in accordance with the wish of the donors of these scholarships.

It was voted, also, that two thousand dollars (\$2,000) in bonds of the College of Physicians and Surgeons be retained by the board; these bonds representing the money given to found two other missionary scholarships, one by the Woman's Presbyterian Board of Missions of the Northwest, and one by the Woman's Board of Missions of the Interior of the Congregational Church, which money has been returned to the donors thereof, upon their request, since the University closed its Medical School, on June 30, 1912.

It was voted, further, to authorize the President of the University to dispose of the property purchased for the College of Medicine during the year from September 1, 1910, to August 31, 1911, which, under the terms of the contract in force during the period named, belongs to the University, on such terms as seem to him to be advantageous to the University.

Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, was present during this part of the meeting, participated in the discussion, and consented to the actions taken as recorded above; the said actions involving the understanding, made explicit in the discussion, that the cash balance of five thousand one hundred sixty-two dollars and thirteen cents (\$5,162.13) for the year ending August 31, 1911, and the two thousand dollars in bonds of the College of Physicians and Surgeons, representing the money which has been repaid by the University to the Woman's Presbyterian Board of Missions of the Northwest and the Woman's Board of Missions of the Interior of the Congregational Church, belong to the University.

### POSSIBLE REOPENING OF THE MEDICAL SCHOOL IN CHICAGO; ALUMNI RESOLUTIONS.

Dr. Charles Davison, of Chicago, a former member of the Board of Trustees, who was present, presented the following set of resolutions unanimously adopted by the Council of the Alumni Association of the Medical School of the University of Illinois:

CHICAGO, August 27, 1912.

To the Trustees of the University of Illinois:

To the Trustees of the University of Illinois:

We the undersigned, representatives of the alumni of the College of Medicine of the University of Illinois and practicing physicians in the State of Illinois, desire to express our sincere regret that the University of Illinois was compelled to close its medical school in Chicago because of the lack of suitable quarters and the requisite funds for maintenance.

We regard this step as a serious blow to the interests of medical education and public health in this commonwealth and in the nation.

We respectfully request your honorable body, therefore, to reopen the Medical School of the University of Illinois in the city of Chicago.

In case you are willing to do this, we on our part undertake to do what we can to secure for the University of Illinois the donation of the stock of the College of Physicians and Surgeons, by which the University of Illinois will secure the control of one of the best sites for a medical school in any American city.

We pledge our best efforts, moreover, to assist by every legitimate means in our power the trustees of the University of Illinois in developing a medical school which will be the peer of any similar school in this country or in Europe.

It has become apparent that the interests of public health can be adequately cared for in this country only when the State is willing to assist in the support of medical science and art as it now assists in the support of agriculture, engineering, teaching, and law. The University of Illinois will in our opinion

continue to fail to do its duty by the citizens of this State so long as it does not care adequately for this great public interest.

All of which is respectfully submitted.

COUNCIL OF ALUMNI ASSOCIATION,

By EDWARD L. HEINTZ, M.D., President,
HOWARD O. SHAFER, M.D., Vice-President,
EMERY R. HAYHURST, M.D., Secretary,
A. J. GRAHAM, M.D., Treasurer,
ROBERT W. MORRIS, M.D., Chairman Executive Committee,
CHARLES C. O'BYRNE, Necrologist.

### POSSIBLE REOPENING OF THE MEDICAL SCHOOL IN CHICAGO; DONATION OF STOCK OF COLLEGE OF P. AND S.

Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, who was present, was asked for his opinion on these resolutions of the Alumni Association. In response, Dr. Steele feelingly presented the strong sentiment on the part of the faculty, students, and alumni of the College of Physicians and Surgeons in favor of re-opening the Medical School of the University in Chicago, and discussed the probability of its being possible to obtain a donation of the stock of the College of Physicians and Surgeons to the University, on the condition that the University will undertake to re-open the school. Dr. Steele stated that he had already secured definite promises of donations of more than one-third of the total stock, and that he knew of another third which would probably be donated or else could be purchased at a low rate.

It was voted that the members of the Board of Trustees look with great interest and favor on the proposition of the alumni of the Medical School and the efforts of the stockholders of the College of Physicians and Surgeons to turn over to the University the ownership and control of the college; and to refer the matter to the Committee on the College of Medicine for investigation and recommendation.

### COMPLAINT OF DR. MARTIN.

President James presented a request from Dr. W. J. S. Martin, a dentist in the city of Chicago, to be heard in the matter of a complaint which he desired to present against the faculty of the College of Dentistry because of their failure to recommend his son, Carl D. Martin, for a degree at the last commencement.

Dr. Martin was heard at length.

In the discussion which followed Dr. Martin's statement, attention was called to the fact that under the terms of the statute, approved May 11, 1877, empowering the University to grant degrees, the trustees are not authorized to confer degrees except upon such persons as are recommended by the faculty: and that since Mr. Carl D. Martin has not been recommended for graduation by the faculty of the College of Dentistry, no action can be taken by the board until such a recommendation is before it.

### NEW ENGINEERING LAND EXEMPTED FROM TAXATION.

The secretary presented the following report from Dean O. A. Harker, Legal Counsel, of the steps taken by him in securing the exemption from the assessment roll of the six pieces of real estate recently acquired by the Board of Trustees for the College of Engineering. This report was received for record.

July 24, 1912.

Dr. Edmund J. James, President, University of Illinois.

Dear Sir: Some weeks ago I arranged with State's Attorney Coggeshall to have a hearing before the Tax Board of Review on an application to have stricken from the assessment roll the different pieces of property lying between Mathews Avenue on the west, Goodwin on the east, the Illinois Traction System's right-of-way on the north, and the "Boneyard" on the south, recently acquired by the Board of Trustees for the College of Engineering.

Owing to the engagements of the State's Attorney, whose duty it is to represent the county in any such applications, the earliest hearing that could be had was on yesterday. The contention advanced by me in behalf of the Board of

Trustees was that the property, having been acquired by the Board of Trustees for educational purposes, was in fact the property of the State, and under the Constitution and statute exempt from taxes. I am pleased to say that, under the statute and the decisions of our Supreme Court construing it, the Board of Trustees are exempted from the assessment rolls on all the six pieces of real estate involved, towit:

- 1. The property bought of John C. Turner and Eva F. Turner, June 29, 1911.
  2. The property bought of Wilbur W. Myer and Cora Myer, June 29, 1911.
  3. The property bought of George H. Clark and Helen H. Clark, July 10, 1911.
  4. The property bought of Bell Murray and A. W. Murray, July 10, 1911.
  5. The property bought of J. E. Ferguson and L. A. Ferguson, July 17, 1911.
  6. The property bought of Debbie, Ann and Vina Rogers, November 9, 1911.
  7. And the property bought at the Master's sale on partition decree, June 25, 1912, known as the Conkle property.

  Sincerely yours.

Sincerely yours, O. A. HARKER, Legal Counsel.

### REPORT FROM THE COMMITTEE ON BUILDINGS AND GROUNDS.

The secretary presented the following report from the Committee on Buildings and Grounds:

CHICAGO, August 23, 1912.

To the Board of Trustees of the University of Illinois:

Your Committee on Buildings and Grounds held a meeting at the LaSalle Hotel in Chicago on this date. There were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, and Mr. Hatch, members of the committee, Messrs. Grout and Hoit, members of the board, President James and Professor James M. White, Supervising Architect.

### COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.

Professor James M. White, Supervising Architect, presented detailed plans for the completion of the third story of the Woman's Building, together with the following statement in regard to available funds and the following recommendation in regard to the award of the contract:

URBANA ILL., August 22, 1912. President E. J. James, University of Illinois.

DEAR SIR: On December 2, 1911, the board made the following tent ment of the \$125,000 appropriation for the Woman's Building:	ative assign	1-
(1) General contract	\$85,000 0	0
(2) Extras on general contract	2,000 0	
(3) Changes in the old building	4.000 0	
(4) Furnishings for the new building	14,000 0	
(5) Architect's fee, superintendence, etc	4,000 0	
	3,000 0	
(7) For improvements in present gymnasium	2,500 0	
(9) Reserve fund	$\begin{array}{c} 6,500 & 0 \\ 4.000 & 0 \end{array}$	
(v) 10000110 Iunu	4,000 0	U
	\$125,000 0	0

as follows:

Plumbing extensions 314 33 939 57 Plumbing extensions

Roof changes, including dormers, skylights, etc.

Interior finishing, including heat and lighting, but exclusive of plumbing fixtures ... 13,725 54 Third floor plumbing fixtures will probably cost set, about..... 400 00

This will make the total amount of English Brothers' contract... \$103,059 64 This leaves a balance of about \$22,000 for items No. 4, 5, 6, and 7, amounting to \$23,500. This requires about \$1,500 more than the above schedule leaves unassigned, but there are items included in No. 4 which can be omitted for the present, and I therefore recommend that English Brothers' proposition of \$14,979.44 (including plumbing extensions, roof changes, and interior finishing) be authorized, subject to the approval, in detail, of his estimate of costs by the State Architect and the supervising architect. and the supervising architect.

Yours truly, JAMES M. WHITE,

It was voted to approve the recommendation of the supervising Architect.

Supervising Architect.

It was voted to approve the recommendation of the supervising architect that English Brothers' proposition of fourteen thousand nine hundred seventy-nine dollars and forty-four cents (\$14,979.44) (including plumbing extensions, roof changes, and interior finishing) be authorized, subject to the approval in detail

by the State Architect and the supervising architect of the contractor's estimates of costs. (This matter was referred to this committee on April 10, 1912, with power to act, Report, 1912, p. 528.)

### PROPOSED WIDENING AND PAVING OF ORCHARD LANE.

With respect to the petition from residents and owners of property in Orchard Lane, Champaign, requesting the University to donate land for the widening of the street and to sign a petition for the paving of the same, it was voted to recommend to the Board of Trustees that the trustees do not see their way clear to donate land for this purpose; and further, that the University is not yet ready to join in a petition for the paving of Orchard Lane.

The committee adjourned.

W. L. ABBOTT, MARY E. BUSEY, LAURA B. EVANS, FRED L. HATCH,

Committee on Buildings and Grounds.

It was voted to receive the foregoing report of the Committee on Buildings and Grounds for record, and to adopt the recommendation of the committee with respect to the proposed widening and paving of Orchard Lane.

### CONTRACT FOR FLORICULTURAL GREENHOUSES.

Prof. James M. White, Supervising Architect, submitted the following report and recommendation on the subject of the bids received on the superstructure for the floricultural greenhouses:

URBANA, ILL., August 31, 1912.

Mr. C. M. McConn, Secretary, Board of Trustees.

DEAR SIR: I transmit herewith a schedule of the bids received on the super-structure for the floricultural greenhouses. As each bidder bids on his own design, it does not necessarily follow that the low price is the more advantageous one. The Foley Manufacturing Company are bidding on a larger glass area than Lord & Burnham, and the computation shows that the Foley Manufacturing Company's bid of \$7,390 is a better proposition than Lord & Burnham's bid of \$7,151.19; and Foley's bid of \$9,090 is considerably lower than Lord & Burnham's bid of \$9,471.19.

I therefore recommend that we accept Foley's bid of \$9,090, deferring the construction of the east greenhouse section, which is bid upon separately in Item 3; and, further, reserving the right to cancel that portion of the construction, provided funds are not available for it.

provided funds are not available for it.

Yours truly, JAMES M. WHITE, Supervising Architect.

### [ENCLOSURE.]

### SCHEDULE OF REVISED BIDS-FLORICULTURE GREENHOUSES.

Bidder.	Original bid.	Item I.	Item II.	Item III.	Item IV.
Foley Manufacturing Company Lord & Burnham. King Construction Company	12,625 00	-\$4,800 00 -3,188 49	$-2,280\ 00$	+\$1,700 00 +2,320 00	*-\$278 32

### SCHEDULE OF REVISED BIDS-FLORICULTURE GREENHOUSES-Concluded.

Bidder.	Additions.	Total to deduct.	Revised bid.	Revised bid plus item III.
Foley Manufacturing Company Lord & Burnham King Construction Company	†\$273 <b>00</b>	5,473 00		\$9,090 00 9,471 19

<sup>\*</sup> Omission of glass partition in show house.

<sup>†</sup> For hauling and extra for change in size of house. ‡ For hauling and increase in height of superstructure.

Item No. 1. Deduction for omission of all benches and heating except in section 1B.

Item No. 2. Deduction for omission of superstructure of section 1A.

Item No. 3. Figure for erection of superstructure of section 1A for accept-

Item No. 3. Figure for erection of superstructure of section 1A for accept ance next spring.

Unit price per sq. ft. for superstructure exclusive of glass Unit price per sq. ft. of glass Total glass area figured on sq. ft. Difference in favor of Foley, sq. ft.	12.6c $18,571$	Burnham. 29.0c 12.6c 17,841 730
	18,571	18,571
Difference in price for extra glass area at Lord & Burnham's unit price	=730×41.	6c <u></u> 303.68
figured on		\$7,454 87

It was voted to approve the recommendation of the supervising architect, and to authorize the officers of the board to sign a contract with the Foley Manufacturing Company on their bid of \$9,090, deferring the construction of the east greenhouse section (which is bid upon separately in Item 3), and further reserving the right to cancel that portion of the construction, provided funds are not available for it.

### PROGRESS ON BUILDINGS.

Professor White made a statement also in regard to the status of the work on the Armory, and the progress being made on the plans for the Stock Judging Pavilion.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

# CONTRACT FOR THE PAVING OF LINCOLN AND MICHIGAN AVENUES.

(1) The following contract for execution by the Board of Trustees to secure the payment of the assessment for the construction of the local improvements on Lincoln Avenue, Michigan Avenue, and Orchard Street in the city of Urbana:

WHEREAS, On petition of various property owners and of the University of Illinois, an ordinance has been duly passed by the city council of Urbana, Ill., and proceedings had in the County Court pursuant thereto, and special and general tax levied, all for the construction of the local improvement of Lincoln Avenue, Michigan Avenue, and Orchard Street; in said city of Urbana, by paving, grading, curbing, guttering, draining, etc.; and

whengan avenue, and Orenard Street; in said city of Urbana, by paving, grading, curbing, guttering, draining, etc.; and

WHEREAS, By the judgment of the County Court of Champaign County, III.,
there has been specially taxed against the property of the University of Illinois
the aggregate principal amount of six thousand six hundred forty-two dollars
and seventy-three cents (\$6,642.73), divided into installments payable annually, the
first installment being for the principal sum of seven hundred thirty-four dollars and
forty-one cents (\$734.41), and each of the nine succeeding installments for the
principal sum of six hundred fifty-six dollars and forty-eight cents (\$656.48); and
WHEREAS LION portion to that and bids were received and contract for the

WHEREAS, Upon notice to that end, bids were received and contract for the construction of said improvement has been awarded to John W. Stipes, contractor, by the Board of Local Improvements of said city, and said contractor is about to enter upon the execution of said contract and the construction of said improvement pursuant to said ordinance; and

ment pursuant to said ordinance; and

WHEREAS, It is desired to fully secure and validate the issue of bonds as
provided by the ordinance for said improvement, the proceeds of which are to
be used to defray the cost and expense of said improvement and the lawful
expenses incident thereto;

expenses incident thereto;
Now, therefore, In consideration of the benefits to be received by the real estate and property of the University of Illinois from the construction of said universection, the said University of Illinois, by its duly authorized officers and trustees, does hereby agreed to pay to the city collector or other proper officer of the city of Urbana, Ill., the sums shown on the assessment roll specially taxed against said University of Illinois, together with five per cent (5%) interest on the deferred installments thereof, amounting in the aggregate to the principal sum of six thousand six hundred forty-two dollars and seventy-three cents (\$6,642.73), the first installment of which is for the principal sum of seven hundred thirty-four dollars and forty-one cents (\$734.41), and each of the nine

succeeding installments due and payable annually being for the principal sum of six hundred fifty-six dollars and forty-eight cents (\$656.48), which said installments shall bear interest from the date of the first voucher issued on account of work done on said improvement, at five per cent (5%) per annum, as provided by the Statute of the State of Illinois concerning local improvements in cities, villages, and towns.

Dated and sealed with the corporate seal of said University, this...........day of August, A.D. 1912.

UNIVERSITY OF ILLINOIS,

By......

It was voted to authorize the officers of the board to sign this contract upon the receipt of a certification of the counsel of the University, that the contract is in proper form and that the amount of the assessment against the University is reasonable and proper.

### EXTENSION OF SANITARY SEWER IN URBANA.

(2) A copy of a petition signed by Messrs. J. R. Reasoner and C. L. Van Doren, asking for the extension of the sanitary sewer in Urbana from Busey Avenue to the east line of the University property; also the following communication from the supervising architect to Mr. Frank Bogs, Mayor of Urbana, in regard to the same matter:

URBANA, ILL., August 2, 1912.

URBANA, ILL., August 2, 1912.

Mayor Frank Boggs, Chairman, Local Board of Improvements, Urbana, Ill.

Dear Sir: The extension of the sanitary sewer, in accordance with the petition shown me today, signed by C. L. Van Doren and J. R. Reasoner, providing us an 8-inch sewer connection on Lincoln Avenue on the line of Iowa Street extended, will furnish the University a satisfactory outlet to the east. If the city of Urbana, will put in this extension whenever the University shall petition for it upon the University's agreeing to pay its fair assessment for said outlet, as mutually agreed upon or as fixed by the court, and with the further agreement that the 30-inch storm water sewer, now terminated on Lincoln Avenue, shall be extended southward on Lincoln Avenue to such point as the University may require for connection with the University storm water sewer through the forestry, a distance not to exceed 230 feet, then all conditions upon which the University's approval of the Lincoln Avenue pavement petition hinged will have been settled to my satisfaction.

Yours truly,

James M. White,

Supervising Architect.

Supervising Architect.

It was voted to authorize the officers of the Board of Trustees to sign this petition for the extension of the sanitary sewer in Urbana.

### RESIGNATION OF PROFESSOR BLEININGER.

(3) The resignation of Mr. Albert V. Bleininger as Professor of Ceramics and Director of the Department of Ceramics.

It was voted that the President of the University should be authorized to accept Professor Bleininger's resignation; and, further, that he be authorized to make an equitable arrangement with Professor Bleininger by which the latter will give the benefit of his advice and assistance in the installing of the plant of the new Ceramics Laboratory.

### APPOINTMENT OF PROFESSOR BENTLEY.

(4) A recommendation that the President of the University be authorized to appoint Dr. Isaac Madison Bentley, now of Cornell University, to be Professor of Psychology and Director of the Psychological Laboratory, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.

This authority was given as requested.

### APPOINTMENT OF ASSISTANT PROFESSOR McDANIEL.

(5) A recommendation from Professor I. O. Baker, of the Department of Civil Engineering, endorsed by Dr. W. F. M. Goss, Dean of the College of Engineering, that Professor A. B. McDaniel, now of the University of South Dakota, be appointed Assistant Professor of Civil Engineering, for one year beginning September 1, 1912, at a salary of twenty-five hundred dollars (\$2,500) ning Septemi

It was voted that this appointment be made as recommended.

### REQUEST THAT ALL STREET CARS STOP AT BURRILL AVENUE.

(6) A recommendation that the Urbana and Champaign Railway, Gas, and Electric Company be requested to direct that all cars of the said company crossing the south campus in either direction shall come to a full stop at Burrill Avenue; this request being made on account of the noise arising from the rapid rate at which the cars now move through the campus, with the accompanying signaling necessary to warn people out of the way, and also on account of the danger to people crossing the south campus from such a rate of speed as the cars maintain at the present time

It was voted to make such a request of the Urbana and Champaign Railway, Gas and Electric Company.

### COMPENSATION OF ACTING DEAN DANIELS.

(7) A recommendation that a compensation of fifty dollars (\$50) a month additional to his salary as professor of philosophy be granted to Dr. A. H. Daniels, for his services as Acting Dean of the College of Literature and Arts; the said extra compensation to begin from February 1, 1912, cn which date Professor Daniels began his services as acting dean, and to continue during his incumbency of the position of acting dean.

This recommendation was approved.

### REAPPOINTMENT OF PROFESSOR GOODMAN.

(8) A communication from Mr. F. M. Goodman, former Dean of the School of Pharmacy and former Professor of Materia Medica and Botany in the School of Pharmacy, who was on leave of absence for the past year, stating that his health is now restored and that he should like to be reappointed.

It was voted that the President of the University should be authorized to appoint Mr. Goodman to the position of Professor of Materia Medica and Botany in the School of Pharmacy, for the term of one year, beginning September 1, 1912, with such duties and at such a remuneration, not to exceed twelve hundred dollars (\$1200), as the President of the University may determine after full examination of the curriculum and the needs of the school in the matter of instruction for the coming year.

### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President and by the Vice-President of the University to fill vacancies in the budget passed on July 5, 1912:

Baker, R. P., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 3, 1912.)\*

Bates, S. J., Research Associate in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 12, 1912.)

Burton, L. V., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice L. T. Fairhall. (July 29, 1912.)

Clements, Miles, Toolroom Attendant in the Machine Shop, from May 1, 1912, to August 31, 1912, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service. (July 26, 1912.)

Davison, Burt S., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month, vice C. J. Baker. (August 20, 1912.)

12, 1912.)

12, 1912.)

Faust, E. C., Research Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (August 16, 1912.)

Gillet, C. E., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice H. A. Webb, resigned. (August 16, 1912.)

Gunn, Sidney, Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month. (August 12, 1912.)

Hall, Royal Glen, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 5, 1912.)

Hansen, Paul, Associate in Sanitary Engineering in the College of Engineering (in addition to being engineer in the State Water Survey), for the academic year beginning September 1, 1912, without salary. (August 17, 1912.)

Heidelberger, Michael, Instructor in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 3, 1912.)

Jordan, J. Clark, Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 17, 1912.)

\* The date in parenthesis at the end of each item is the date when the appointment was officially made.

Keller, Oran, Assistant Chemist in the Soils Laboratory of the Agricultural Experiment Station, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month. (August 17, 1912.)

Lamkey, Ernest M. R., Graduate Assistant in Botany, for five months beginning February 1, 1913, at a salary of sixty dollars (\$60) a month. (July 31, 1912.)

Linkins, R. H. Graduate Assistant in Zoölogy, on half time, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August

Linsley, Clyde M., Shelf Assistant in the Library, on one-third time, for ten months beginning September 1, 1912, at a salary of twenty-one dollars and sixty-six and two-thirds cents (\$21.66 2-3) a month. (August 17, 1912.)

Ludwig, Clinton Albert, Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (July 31, 1912.)

Lundquist, Hjalmar Theodor, Storekeeper in the Department of Zoölogy, for eleven months beginning August 1, 1912, at a salary of fifty dollars (\$50) a month. (August 2, 1912.)

(August 8, 1912.)
Mitchell, Brainerd Jr., Instructor in Machine Design, for ten months beginning September 1, 1912, at a salary of one hundred thirty dollars (\$130) a month, vice W. V. Dunkin. (July 24, 1912.)
Nelson, C. Ferdinand, Instructor in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 3, 1912.)

Pendleton, Joseph C., Assistant in Foundry, for ten months beginning September 1, 1912, at a salary of eighty-five dollars (\$85) a month, vice P. W. Gawne. (August 16, 1912.)

Prickett, A. L., Shelf Assistant in the Library, for ten months beginning September 1, 1912, at a salary of forty-three dollars and thirty-three and one-third cents (\$43.33 1-3) a month. (August 10, 1912.)

Root, Ralph Rodney, Instructor in Landscape Gardening, for ten months beginning October 1, 1912, at a salary of two thousand dollars (\$2,000) per annum. (July 23, 1912.)

Stevenson, James Vail, Assistant in Agricultural Extension, on half time, for twelve months beginning July 1, 1912, at a salary of five hundred dollars (\$500) for the year. (July 25, 1912.)

Stewart, C. L., Research Assistant in Economic History, on half time, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month. (August 8, 1912.)

Sutcliff, Emerson, Assistant in English, for ten months beginning September

month. (August 8, 1912.)
Sutcliff, Emerson, Assistant in English, for ten months beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (August 17, 1912.)
Sutton, Claude Earl, Assistant in Botany, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (July 31, 1912.)
Webb, Homer A., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month, vice M. L. Hartman, resigned. (August 16, 1912.)

The Executive Committee adjourned.

C. M. McConn, Clerk.

W. L. ABBOTT, A. P. GROUT, FRED L. HATCH, Executive Committee.

### Meeting of September 10, 1912.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, September 10, 1912, beginning at 9 A.M.

There being no quorum present, the board adjourned to meet at the La Salle Hotel, in the city of Chicago, on Thursday, September 19, 1912, at 12:30 р.м.

W. L. Abbott, President.

C. M. McConn, Secretary.

### ADJOURNED SESSION, SEPTEMBER 19, 1912.

Pursuant to the adjournment taken at the quarterly meeting of September 10, 1912, the Board of Trustees of the University of Illinois met at the La Salle Hotel, in the city of Chicago, on Thursday, September 19, 1912, beginning at 12:30 р.м.

The following members were present: Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Hoit. President James was present.

### **VEGETABLE GREENHOUSES:** BIDS AND CONTRACTS.

The secretary presented the following report from Prof. James M. White, Supervising Architect, in regard to the bids and the award of the contract for the foundations of the vegetable greenhouses:

URBANA, ILL., August 28, 1912.

Mr. C. M. McConn, Registrar:

According to the action of the Board of Trustees, p. 90, minutes of July 5, I was authorized to award contracts for the foundations of the vegetable ranges as part of the remaining contracts for the completion of the structures. I have received bids, copy of which I enclose, and have awarded the contract to Mr. C. J. Welch for \$1,800. We think that it is desirable that these bids should be recorded in the minutes of the board.

Yours truly, JAMES M. WHITE, Supervising Architect.

### [ENCLOSURE.]

### SCHEDULE OF BIDS-CONCRETE WORK FOR VEGETABLE GREENHOUSES.

	•		Price	$\mathbf{Price}$	Price	Price
			per cu.	per cu.	per sq.	per sq.
	,		ft. for	ft. plain	yd. for	yd. extra
	Proposal	Proposal	extra	concrete	extra	pebble
Bidder.	"A,"	"B."	pier.	walls, extra.	floor.	dash.
C. J. Welch		\$1.800 00	\$0 221/2	\$0 23 1/2	\$0 90	\$0 50
N. H. Shields		2,662 00	$\overline{29}^{\prime 2}$	37 /2	90	50
Freeman & Brooks.	2.132 00		22	35	1 08	60

Proposal A.—All concrete foundation and walk work called for by the plans

Proposal A.—All concrete foundation and walk work cancel for by the plans and specifications in two weeks time from date of signing contract.

Proposal B.—All concrete foundation and side walls for greenhouses No. 1, 2 and 3 ready for the erection of the superstructure in two weeks time from date of signing contract, and the balance of the work called for by the plans, including side walls and floors of crosshouse and storage pit and all walks, in thirty days from date of signing contract.

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The foregoing report of the supervising architect in regard to the bids and the contract for the foundations of the vegetable greenhouses was received for record.

#### SETTLEMENT WITH THE COLLEGE OF PHYSICIANS AND SURGEONS.

The secretary reported that under the action taken by the Executive Committee on August 23 (p. 93), the comptroller had effected a settlement with the College of Physicians and Surgeons, and presented for record the following certificate and agreement received by the comptroller from the College of Physicians and Surgeons as required by the vote of the board (p. 96):

August 29, 1912.

August 29, 1912.

I hereby certify that the property, plant and equipment leased by the University of Illinois on September 1, 1911, as described in the indenture of said date and the schedule thereto attached marked "Schedule A" (which bears the signatures of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, Comptroller of the University of Illinois, for the purpose of identification), have been received by the College of Physicians and Surgeons from the University in good condition, as provided in Section 2 of the said indenture, and that the College of Physicians and Surgeons does waive all claims of every sort or description against the University of Illinois on account of the condition of the said property, plant, and equipment.

The College of Physicians and Surgeons also agrees to pay any outstanding

The College of Physicians and Surgeons also agrees to pay any outstanding accounts against the Medical School and to assume any liabilities that may arise against the University as a result of its relations with the College of Physicians and Surgeons.

D. A. K. STEELE, President.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 5, 1912:

Ashley, June Maude, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 3,

Atwell Ruth Sarah, Assistant in Botany, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month, vice Earl Sutton. (September 10, 1912.)

Barlow, Bronson, Assistant in Bacteriology, at a salary of fifty dollars (\$50) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (August 29, 1912.)

Bartells, H. H., Research Assistant in Ceramics, on half time, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month. (September 12, 1912.)

Becker, A. J., Student Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of ten dollars (\$10) a month. (September 16, 1912.)

Binding, Leo Ross, Assistant in Chemistry in the Agricultural Experiment Station, at a salary of seventy dollars (\$70) a month, work and salary to begin as soon as he reports for service and continue until August 31, 1913. (September

Carter, Roy, Assistant in General Engineering Drawing, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (September 10, 1912.)

Cobb, Margaret B., Fellow in Zoölogy, for ten months beginning September 1, 1912, with a stipend of thirty dollars (\$30) a month. (September 10, 1912.) Dutcher, R. A., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 10, 1912.) Farwell, Stanley Prince, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1912, at a salary of one hundred forty dollars (\$140) a month, vice H. E. Murdock. (September 2, 1912.) Felsenthal, Emma, Lecturer on General Reference in the Library School and Reference Assistant in the Library, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month, vice Margaret Hutchins. (September 4, 1912.)

4, 1912.) Fehrenkamp, Winifred, Lecturer on Departmental Library Problems in the Library School and Architectural Librarian, at a salary of seventy dollars (\$70) a month, for the ten months ending June 30, 1912, service and salary to begin as soon as she reports for service, vice Margaret Niver. (September 6, 1912.)

<sup>\*</sup> The date in parenthesis after each item is the date when the appointment was officially made by the President of the University.

Ferguson, Harry F. Engineering Assistant in the State Water Survey, for eleven months beginning October 1, 1912, at a salary of sixty dollars (\$60) a month. (September 16, 1912.)

Fieg, Robert I., Laboratory Helper in Botany, for the month of September, 1912, at a salary of fifty dollars (\$50) for the month. (August 26, 1912.)

Filbey, E. J., Private Secretary to the President of the University, for one year ending August 31, 1913, at a salary of two thousand dollars (\$2,000) per annum, work and salary to begin on his reporting for service. (September 9,

Goodwin, T. G., Assistant in English, for ten months beginning September 1, 1912, at a salary of ninety dollars (\$90) a month. (September 12, 1912.)

Hinds, Mildred Emma, Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 11,

Humrichouse, Katie L. E., Stenographer in the Office of the Engineering Experiment Station, at a salary of fifty dollars (\$50) a month, beginning September 9, 1912, and continuing until further notice or until August 31, 1913, vice E. Ethyl Bradley. (September 16, 1912.)

Hutchins, Margaret, Lecturer on Departmental Library Problems in the Library School and Departmental Assistant in Classics, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month, vice Nellie C. Geddes. (September 4, 1912.)

Ingles, Nellie, Scholar in Mathematics, for ten months beginning September 1912, with a stipend of twenty-five dollars (\$25) a month. (September 16,

Karsten, Eleanor G., Lecturer in the Library School and Secretary and Stenographer to the University Librarian, at a salary of one hundred dollars (\$100) a month, beginning September 16, 1912, and continuing until further notice or until August 31, 1913. (September 16, 1912.)

Keech, Gertrude, Stenographer in the Department of Botany, on half time, at a salary of thirty dollars (\$30) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 16, 1912.)

Kessler, Ernest, Assistant in Glass Blowing, for twelve months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 6, 1912.)

1912.)

Lietz, Louise A., Stenographer in the office of the Department of Civil Engineering, for ten months beginning September 1, 1912, at a salary of thirty-five dollars (\$35) a month. (September 2, 1912.)

MacArthur, C. G., Instructor in Physiological Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (September 2, 1912.)

Moore, Harry C., Stenographer in the office of the Dean of the College of Law, at a salary of twenty dollars (\$20) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 12, 1912.)

and continuing until further notice or until August 31, 1913. (September 12, 1912.)

Packard, Bessie, transferred from the position of Student Record Keeper in the office of the College of Agriculture to the position of Office Assistant in the Department of Household Science, at a salary of seventy-five dollars (\$75) a month, for twelve months beginning September 1, 1912. (September 3, 1912.)

Painter, L. G., Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred twenty dollars (\$120) a month. (September 7, 1912.)

Peel, Thomas, Storekeeper in the Department of Chemistry, for twelve months beginning September 1, 1912, at a salary of fifty-five dollars (\$55) a month. (September 10, 1912.)

Rich, E. A., to give a course in Commercial Law during the academic year 1912-1913, at a remuneration of four hundred dollars (\$400) for the year. (September 17, 1912.)

Scherfee, S. H., Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 17, 1912.)

Showers, T. J., Carpenter Foreman, at a salary of one hundred twenty-five dollars (\$125) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 10, 1912.)

Simpson, G. E., Student Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of ten dollars (\$10) a month. (September 7, 1912.)

Snodgrass, J. M., transferred from the position of Assistant Professor of Steam Engineering in the Department of Mechanical Engineering to the position of Assistant Professor of Railway Engineering in the Department of Railway Engineering, from September 1, 1912, until August 31, 1914, at a salary of twenty-one hundred dollars (\$2,100) per annum. (September 10, 1912.)

Strong, Lillian, Stenographer and Secretary in the office of the Dean of Women, at a salary of fifty dollars (\$50) a month, beginning on her reporting for service, and continuing until further notice or until August 31, 1913. (September 7, 1912.)

Watts, Cecil E., Graduate Assistant in Chemistry, for ten months beginning

7, 1912.)
Watts, Cecil E., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 26, 1912.)
Ward, Charles Frederick, Instructor in Romance Languages, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month, vice Florence N. Jones. (September 2, 1912.)
Wells, William Firth, Assistant in Municipal Dairying, at a salary of fifteen hundred dollars (\$1,500) per annum, beginning on his reporting for service, and continuing until August 31, 1913. (September 12, 1912.)

#### REPORT OF FEES.

The secretary presented the registrar's report of fees due from students of the University at Urbana for the summer session of 1912, as follows:

		Collected.	F	Refunded.		
	No.	Amount.	No.	Amount.	Net Tot	al.
Matriculation fee (\$10) Incidental fee (\$12) Incidental fee, one-half (\$6)	$\begin{smallmatrix} 9\\331\\14\end{smallmatrix}$	\$ 90 00 3,972 00 84 00	15 4	\$180 00 24 00		00
Total incidental fees	<u>:</u>	\$4,056 00	<u></u>	\$204 00	\$3,852	00
Total general fees	<u></u>	\$4,146 00	<u></u>	\$204 00	\$3,942	00
Laboratory Fees-			_			
Botany		\$ 29 50			\$ 29	
Chemistry		944 00			944	
Drawing, general engineering	• •	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• •	• • • • • • •	36	00
Entomology Mechanics, theoretical and applied	• •	16 00	• •			00
Physics		41 50	• •		41	
Physiography	- : :	12 00	::		$\hat{1}\hat{2}$	
Zoölogy		. 42 00			$\overline{42}$	
Total laboratory fees	• •	<b>\$1,125</b> 00			\$1,125	00
Total fees	=	\$5,271 00		\$204 00	\$5,067	00

#### COMPTROLLER'S REPORT.

The secretary presented the report of Prof. S. W. Shattuck, Comptroller, for the quarter ending June 30, 1912, which was received for record.

August 31, 1912. W. L. Abbott, Esquire, President Board of Trustees, University of Illinois.

SIR: I have the honor to hand you herewith the following financial statements and papers:

Six: I have the honor to hand you herewith the following infancial statements and papers:

Paper A is a statement of the current appropriations June 30, 1912.

Paper B is a statement of the State appropriations June 30, 1912.

Paper C is a statement of the United States fund June 30, 1912.

Paper B is a statement of the United States Agricultural Experiment Station appropriations June 30, 1912.

Paper F is a statement of the School of Pharmacy appropriations June 30, 1912.

Paper G is a statement of the College of Medicine appropriations June 30, 1912.

Paper L is a report of the receipts by the chief clerk for the three months ending June 30, 1912.

Paper M is a list of the general University vouchers presented for audit, being Nos. 14,451 to 19,825, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 275 to 422, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being Nos. 199 to 271, inclusive.

Paper Q is a list of the College of Medicine vouchers presented for audit, being Nos. 994 to 1,345, inclusive.

Paper R is the inventory, June 30, 1912.

Paper S is a statement of the Shyder fund loans, August 31, 1912.

Respectfully submitted,

S. W. SHATTUCK. Comptroller.

S. W. SHATTUCK, Comptroller.

# PAPER A—CURRENT APPROPRIATIONS.

June 30, 1912.  Accountancy Agricultural College Agricultural Experiment Station Alumni Quarterly Alumni Record Applied mechanics Art and design Auditorium acoustics Band instrument deposits Beck appropriation Blue printing Botany Bronze tablets Chemistry	\$ 3,539 93 49,359 44 33,664 81 1,000 00 500 00 2,678 75 500 00 750 00 4,337 16 1,760 78 1,760 78	3 \$ 756 94 44,100 63 1 19,541 61 0 1,000 00 171 93 0 1,225 28 0 500 00 114 50 0 3,737 53 3 1,760 78 250 63 13,034 48	Balance. \$ 2,782 99 5,258 83 14,123 20 328 07 1,353 51 37 41 145 50 599 63 9 37
Bronze tablets	$\begin{array}{c} 1,760 & 78 \\ 260 & 00 \\ 13,034 & 48 \\ 100 & 00 \\ 2,700 & 00 \\ 400 & 00 \\ 1,000 & 00 \end{array}$	3 1,760 78 250 63 3 13,034 48 100 00 2,700 00 398 20	9 37

# PAPER A—CURRENT APPROPRIATIONS—Concluded.

T 00 1010			37	D-1
	Appropriat		Expended	
Engineering College	\$11,750		\$10,949 5	
Engineering Experiment Station	339		******	339 08
English	1,750		1,750 0	4 5 18
Entomology	402 225		397 5 225 5	
Faculty tennis courts	1.121		1,081 1	
GeologyGermanic languages	200		200 0	
High School contest			400 0	
History	150		148 2	
Illinois Canners' Association fund	1,000		563 8	
Incidentals			8.156 4	
Labor	60,000	ŏŏ	60,000 0	0
Law School	4,700	ŎŎ	4,356 5	3 343 47
Library and apparatus	489		489 9	
Library School	1.080	00	1.079 7	1 29
Library student assistants	3,690	00	3,690 0	0
Library supplies	2,545	00	2,399 0	
Lincoln Hall decoration	1,000	00	965 6	
Lincoln Hall dedication	750			. 750 00
Literature and Arts, College of	800		800 0	
Mathematics	400		400 0	
Medicine Committee			1 5	
Military Department			950 0	
Military and band scholarships			2,000 0	
Municipal and sanitary engineering	173		173 6	
Music, School of	$1,400 \\ 1,614$		$^{1,400}_{1,229}$	8 384 72
Philosophy	200		200 0	
Philosophy Physical training, men	1.200		1.130 7	
Physical training, men			458 9	
Physiology	800		$\frac{1}{795}$ 9	
Plym fellowship	1.000		1.000 0	
Political science		ŏŏ	, 50 0	
Psychology	560		560 0	
Public School Drawing Exhibit	50	00	49 8	
Rebates to students	6,278	25	5,852 4	
Romance languages			99 8	
Science, College of	700	00	700 0	0
Snyder fund	5,004	57	3,930 0	0 1,074 57
Sociology		00	49 4	
Soil extension			1,480 1	
Summer session	2,000			9 60 21
Supervising architect			1,800 0	
Telephone exchange				8 647 62
University fellowships			2,250 0	
Water survey			1,066 0	
Woman's League loan fund			4,050 0	. 220 00
Zoölogy	4,000	00	4,000 0	0
Totals	\$259.025	60	\$223,633 3	3 \$35,392 27
TOTALS	¥==0,020	0.0	Ψ==0,000 0	υ ψυυ,υυΔ Δ1

# PAPER B-STATE APPROPRIATIONS.

June 30, 1912.  Agricultural College	9,000	$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	Expended. \$171,962 25 5,056 80 35 35	Balance. \$35,937 75 3,943 20 79,964 65
Astronomy Botany Entomology Geology Physiology	1,400 800 500	00 00 00 00 00	498 83 1,400 00 800 00 500 00 789 10	1 17 i0 90
Totals, apparatus and appliances	\$4,000	00	\$3,987 93	\$12 07
Armory Buildings and grounds Cabinets Ceramics Ceramics Building Clinic Building Cold storage Commerce Building Crop experiments	25,000 4,000 15,000 21,000 5,000 9,000 125,000 15,000	00 00 00 00 00 00 00	\$ 380 15 25,000 00 3,407 79 12,800 44 1,853 53 	\$99,619 85 592 21 2,699 56 19,146 47 5,000 00 9,000 00 94,770 31 3,796 15
Dairy Barn Drains, fences and repairs Engineering Building and ground	$10,000 \\ 5,000 \\ 200,000$	00 00 00	$\begin{array}{c} 2,837 & 74 \\ 50,997 & 25 \end{array}$	$\begin{array}{r} 10,000 & 00 \\ 2,162 & 26 \\ 149,002 & 75 \end{array}$

# PAPER B-STATE APPROPRIATIONS-Concluded.

June 30, 1912.	Appropria	ted.	Expended.	Balance.
Engineering Extension and Maintenance— College Experiment Station Salaries	\$25,000 35,000	00	\$18,024 97 26,366 43 30,000 00	\$6,975 03 8,633 57
Totals, engineering extension and maintenance		00	\$74,391 40	\$15,608 60
Floriculture Glasshouse Graduate School Gymnasium Heating and lighting plant Horticulture Household science Interest on Endowment Fund— Agricultural College General	30,000 50,000 5,000 30,000 15,000 2,500	00 00 00 00 00 00	\$ 8,000 00 39,275 69 2,942 43 28,159 71 15,000 00 2,083 30 16,205 91 16,205 91	\$30,000 00 10,724 31 2,057 57 1,840 29
Totals, interest endowment fund			\$32,411 82	
Law Building Law School Library Live stock specimens Mines investigation Mining Building Mining Engineering Operating Expenses—	25,000 25,000 22,500 5,000 25,000 15,000	00 00 00 00 00	\$ 1,142 92 20,027 08 20,303 89 13,504 23 2,321 09 579 53 6,593 23	\$13,857 08 4,972 92 4,696 11 8,995 77 2,678 91 24,420 47 8,406 77
Operating Expenses— Board expense . Buildings and grounds Comptroller's office Education, School of Furniture and fixtures Heat and light High School Visitor Lectures Library shelving Library stacks Natural History Library President's office Printing and postage Registrar's office Salaries for instruction Salaries for services Summer session Unassigned	3,270 1,700 7,191 40,000 2,700 5,000 4,050 2,000 12,000 12,000 4,200 373,000 86,500 13,000 6,113	00 97 00 00 00 00 73 00 00 00 00 00 00 00 00 00 00 00 00 00	2,500 00 6,388 35 3,270 00 1,700 00 6,603 36 48,407 77 2,700 00 1,888 85 1,617 74 385 73 4,725 46 1,856 31 9,634 22 4,200 00 357,395 08 78,788 75 13,000 00	588 61
Totals operating expenses  Pavements and walks Sheep Building Shop practice Social and Political Science Soil investigation Soll maps and investigation Stock investigation University Hall Veterinary College and Research Lab. Water investigation Water Station, 1909-11 Water Station, 1911-13 Water Survey Woman's Building addition	\$ 4,000 2,000 6,000 25,000 25,000 25,000 25,000 15,000 6,000 2,000 7,500	00 00 00 00 00 00 00 00 00 00 00 00	\$ 3,913 21 587 02 6,000 00 20,656 04 57,681 26 8,777 02 25,000 00 246,570 05 25,950 05 11,209 63 6,000 00 2,000 00 6,403 86 25,630 88	\$29,938 38 \$ 86 79 1,412 98 4,343 96 7,318 74 16,222 98 3,429 95 4,049 95 3,790 37  1,096 14 99,369 12
•	\$2,392,811	82	\$1,577,429 73	\$815,382 09

# PAPER C-UNITED STATES FUNDS.

June 30, 1912.	Appropriated.	Expended.	Balance.
Morrill Fund— Agricultural College General		\$12,500 00 12,500 00	
Totals Morrill fund	. \$25,000 00	\$25,000 00	

# PAPER C-UNITED STATES FUNDS-Concluded.

June 30, 1912.	Appropriated.	Expended.	Balance.
Nelson Fund— Agricultural College General	\$12,500 00 12,500 00	\$12,500 00 12,500 00	
Totals Nelson fund	\$25,000 00	\$25,000 00	
Totals	\$50,000 00	\$50,000 00	

# PAPER E-UNITED STATES AGRICULTURAL EXPERIMENT STATION.

TATER E-UNITED STATES AGE.	ICULTURAL E	YERKIMENT.	STATION.
June 30, 1912.	Appropriated.	Expended.	Balance.
Hatch fund	. \$15,000 00	\$ 84 44	• • • • • • • • • • •
Feeding stuffs		419 15	
Freight and express		180 56	
Furniture and fixtures		74 87	
Labor		3,053 39	
Live stock		175 00	,
Postage and stationery		221 00	• • • • • • • • • •
Salaries		$\substack{10,719 & 77 \\ 12 & 97}$	
Seeds, plants, and sundries		46 09	
becas, plants, and sundres	· · · · · · · · · · · · · · · · · · ·	±0 03	
Total expended		\$14,987 24	
Withheld by U. S. Government		12 76	
Totals Adams fund	. \$15,000 00	\$15,000 00	
Adams fund receipts	. \$314 51	• • • • • • • • •	\$314 51
Buildings and land		\$ 6 10	
Chemical supplies		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Contingent expenses		25 00	
Feeding stuffs		929 80	
Freight and express		15 59	
Furniture and fixtures		686 87	
Labor		2,124 88	
Library		21 70	• • • • • • • • • •
Live stock		$51 00 \\ 1.688 90$	• • • • • • • • • •
Publications		454 05	
Salaries		7,620 00	
Scientific apparatus		564 85	
Seeds, plants and sundries		98 60	
Tools, implements and machinery.		108 50	
Traveling expenses	.,	440 73	
Total expended		\$14,950 80	
Withheld by U. S. Governmen	t,	49 20	
Totals Hatch fund	. \$15,000 00	\$15,000 00	
Hatch fund receipts		325 32	42 21
Totals	. \$30,682 04	\$30,325 32	\$356 72

# PAPER F-SCHOOL OF PHARMACY.

June 30, 1912.	Appropriated.	Expended St. Fds.	Expended Cur. Fds.	Balance.
Advertising	. 1,000 00	• • • • • • •	\$1,000 00 941 81	\$ 58 19
Fuel and light	. 200 00	• • • • • • • • •	$\begin{array}{ccc} 387 & 52 \\ 148 & 25 \\ 682 & 39 \end{array}$	37 48 51 75 61 21
Laboratory refunds	1,200 00		1,144 94 199 51	55 06 60 49
Library	200 00 300 00		$\begin{array}{c} 167 & 53 \\ 294 & 47 \end{array}$	$\begin{array}{ccc} 22 & 47 \\ 5 & 53 \end{array}$
Rent	. 300 00	4,000 00	$2,000 00 \\ 269 27 \\ 3,720 00$	30 73 155 00
Salaries for services	2,720 00	1,405 00	1,043 75 50 00	271 25
Telephone	70 00		55 90 11 40	14 10
Totals	. \$22,940 00	\$10,000 00	\$12,116 74	\$823 26

## PAPER G-COLLEGE OF MEDICINE.

June 30, 1912.	Appropria	ted.	Expend	ed.	Balance.
June 30, 1912.  Medical Department—    Advertising    Apparatus and materials    Buildings and grounds    Dispensary    Fuel and light    Furniture and fixtures    Incidentals    Laboratories    Laundry    Library    Maternity Hospital wards    Museum    Rent    Repairs    Salaries for instruction    Salaries for services    Stationery and printing    Dental Department—    Advertising	\$ 2,000 1,000 4,820 6,500 3,000 6,600 1,200 1,200 16,250 2,000 15,625 17,220	00 00 71 00 00 00 00 00 00 00 00 00 00 00 00 00	Expend \$ 1,229 623,663,380 6,036 4,274 7,562 334 188 240 16,250  14,740 14,481 416	64 50 45 47 46 32 46 32 46 32 46 32 46 32 46 32 46 46 46 46 46 46 46 46 46 46	Balance.  \$ 770 36 937 50 1,157 26 119 69 463 81 164 531,274 461,562 32 267 46 65 86 1,011 85 59 71
Fuel and light			476	91	- 26 91
Furniture and fixtures	. 100		82	25	17 75
Incidentals	. 600		835		-235 12
Institute of pedagogics			300		
Laboratory and clinics			2,856		543 41
Laundry	. 500		356		143 87
Repairs	. 1,000			25	913 75
Salaries for instruction			9,583 2,060	00	431 70 460 00
Salaries for services Stationery and printing			2,000		75 00
Totals	. \$98,400	71	\$87,417	15	\$10,983 56

# PAPER L—RECEIPTS AND REMITTANCES OF THE CHIEF CLERK FOR THE THREE MONTHS ENDING JUNE 30, 1912.

Balance April 1, 1912		\$18,303 83
Accountancy	\$ 632 02	********
Agricultural College	11 414 54	
Applied Mechanics	61 52	
Blue printing	370 51	
Duilding on a grounds		• • • • • • • • • •
Buildings and grounds	597 10	
Chemistry	367 51	
Civil Engineering	148 50	
Crop investigation receipts	420 69	
Dairy investigation receipts	2,971 23	
Diploma fees	3,160 00	
Edward Snyder fund—Interest	66 14	
Edward Snyder fund—Principal	491 25	
Electrical engineering	11 50	
Engineering Experiment Station	53 08	
Heat and light	243 30	
Household Science Department	89 56	
Illinois Central R. R. Co.	1.000 00	
Library and apparatus	170 74	
Lockers	113 50	
Mechanical engineering	394 90	
Military Department	70 00	
Philology, Journal of	64 40	
Railway engineering	247 00	
Soil examination receipts	254 79	
Special fees	1.71745	
Stock investigation receipts	8,449 38	
University fees	6,377 50	
University studies	24 48	
Water Survey	246 50	
Tracor Survey	440 90	
•		40,229 09

REMITTANCES TO H. A. HAUGAN, TREASURER.

		\$10,000 00 10,000 00	•••••
June 8.	Chicago draft	10,000 00 15,000 00	
	ino 20 1012	· · · · · · · · · · · · · · · · · · ·	\$45,000 00

\$58,532 92

# PAPER S-EDWARD SNYDER FUND, AUGUST 31, 1912.

No.	Name.	Pri	ncipal due.	Int. paid to.
47.	Biossat, H. A	\$ 75 00	July 1, 1905	July 1, 1911
61.	Frank H. Rhea	50 00	July 1, 1905	Jan. 1, 1904
$\frac{62}{71}$ .	Paul R. Vandervoort	$\begin{array}{cc} 43 & 68 \\ 200 & 00 \end{array}$	July 1, 1905	Jan. 1, 1911 July 1, 1904
$\frac{71}{73}$ .	Chas. M. Morris D. M. Crawford	$\begin{array}{ccc}200&00\\50&00\end{array}$	July 1, 1906 July 1, 1907	Jan. 1, 1913
92.	John M. Boyle	52 50	July 1, 1907	July 1, 1910
112.	C. P. Plummer	150 00	July 1, 1908	July 1, 1908 July 1, 1909
$115. \\ 126.$	Ralph A. Horr	$\begin{array}{cc} 54 & 25 \\ 150 & 00 \end{array}$	July 1, 1907 July 1, 1909	Jan. 1, 1911
157.	T. F. Dodd	75 00	July 1, 1909	Jan. 1, 1913
162.	Jeanette E. Edwards	118 75	July 1, 1910	Jan. 1, 1911
$165. \\ 167.$	E. W. McConoughey Chas. W. Garland	$\begin{array}{ccc} 200 & 00 \\ 200 & 00 \end{array}$	July 1, 1909 July 1, 1909	July 1, 1908 July 1, 1911
169.	R. L. Baker	150 00	July 1, 1909	July 1, 1909
170.	T. F. Dodd	200 00	July 1, 1909	Jan. 1, 1913 Jan. 1, 1912
$174. \\ 179.$	C. E. Waterhouse T. R. Howser	$\begin{array}{cc} 75 & 00 \\ 50 & 00 \end{array}$	July 1, 1909 July 1, 1910	Jan. 1, 1912 July 1, 1909
187.	R. E. Sheriff	45 00	July 1, 1910	July 1, 1912
$189. \\ 194.$	C. L. Harkness E. W. Brown	$\begin{array}{c} 25 & 00 \\ 150 & 00 \end{array}$	July 1, 1911 July 1, 1911	Jan. 1, 1913 July 1, 1909
.195.	E. W. Brown	50 00	July 1, 1911 July 1, 1911	July 1, 1912
196.	A. P. Bumstead	95 00	July 1, 1910	Jan. 1, 1911
$197. \\ 199.$	G. H. Anderson	$\begin{array}{ccc} 200 & 00 \\ 50 & 00 \end{array}$	July 1, 1910 July 1, 1911	Jan. 1, 1910 July 1, 1910
$\frac{199}{201}$ .	Frances E. Clark	200 00	July 1, 1910	July 1, 1909
203.	O. B. Fraser	100 00	July 1, 1911	July 1, 1912
$205. \\ 212.$	E. V. Laughlin	$100 00 \\ 100 00$	July 1, 1911 July 1, 1911	Jan. 1, 1913 Jan. 1, 1912
211.	W. C. Taylor B. H. Mosby	30 00	July 1, 1911 July 1, 1911	July 1, 1911
225.	F. C. Grannis	150 00	July 1, 1912	July 1, 1912
$\frac{229}{230}$ .	E. S. Snow L. F. Nickell	$\begin{array}{cc}100&00\\200&00\end{array}$	July 1, 1912 July 1, 1911	July 1, 1912 Jan. 1, 1913
236.	J. J. Bradley	150 00	July 1, 1911	Jan. 1, 1913
237.	A. S. Grossberg	100 00	July 1, 1911	Jan. 1, 1912
$238. \\ 239.$	Frances E. Clark	$\begin{smallmatrix} 60 & 00 \\ 100 & 00 \end{smallmatrix}$	July 1, 1911 July 1, 1911	July 1, 1910 July 1, 1913
$\frac{235}{245}$ .	F. D. Preston	100 00	July 1, 1912	July 1, 1913 July 1, 1911
247.	M. L. Stevenson	100 00	July 1, 1912	Tan 1 1911
$248. \\ 250.$	D. S. Dorman	$\begin{array}{cc} 62 & 50 \\ 100 & 00 \end{array}$	July 1, 1911 July 1, 1912	July 1, 1911 Jan. 1, 1913
251.	R. E. Brown	100 00	Jan. 1, 1913	Tan 1 1919
252.	Grant Johnson	100 00	July 1, 1912	July 1, 1910
$253. \\ 254.$	F. D. Preston F. C. Grannis	$100 \ 00 \ 125 \ 00$	July 1, 1912 July 1, 1912	July 1, 1911 July 1, 1912
256.	H. T. McAllister	100 00	July 1, 1912	Jan. 1, 1913
257.	E. D. Swisher E. V. Tubbs	$\begin{array}{cc} 50 & 00 \\ 100 & 00 \end{array}$	July 1, 1912 July 1, 1911	Jan. 1, 1913 Jan. 1, 1913
$\frac{260}{261}$ .	C. L. LeSure	75 00	July 1, 1911 July 1, 1913	Jan. 1. 1913
263.	F. D. Preston	100 00	July 1, 1912	July 1, 1911
$\begin{array}{c} 264. \\ 265. \end{array}$	R. L. Sandberg F. H. Swits	$\begin{smallmatrix} 50 & 00 \\ 125 & 00 \end{smallmatrix}$	July 1, 1913 July 1, 1912	July 1, 1912 July 1, 1911
266.	F. H. Swits	75 00	July 1, 1912	July 1, 1912
269.	P. R. Elfstrom	75 00	July 1, 1914	July 1, 1912
$270. \\ 271.$	R. E. Brown	$\begin{array}{cc}100&00\\35&00\end{array}$	July 1, 1912 July 1, 1912	Jan. 1, 1913 Jan. 1, 1913
$\frac{2}{272}$ .	E. F. Krueger	100 00	July 1, 1912	Jan. 1, 1913
277.	Geo. B. Lear	100 00	July 1, 1913	Jan. 1, 1913
$278. \\ 279.$	Charlotte Mattoon K. B. White	$100 00 \\ 150 00$	July 1, 1914 July 1, 1913	July 1, 1913 Jan. 1, 1913
280.	I. M. Scholnitzky	150 00	July 1, 1913	July 1, 1912
281.	R. H. Albin	50 00	July 1, 1914	July 1, 1912
$\frac{282}{283}$ .	Homer Hall	$\begin{array}{cc} 75 & 00 \\ 80 & 00 \end{array}$	July 1, 1914 July 1, 1913	Jan. 1, 1913 July 1, 1911
284.	E. R. Ludwig	75 00	July 1, 1913	Jan. 1, 1912
285.	Geo. B. Lear	$\begin{array}{cc} 150 & 00 \\ 50 & 00 \end{array}$	July 1, 1913	Jan. 1, 1913 Jan. 1, 1913
$\frac{286}{287}$ .	O. E. Grigsby	$\begin{array}{cccc} 50 & 00 \\ 175 & 00 \end{array}$	July 1, 1914 July 1, 1914	Jan. 1, 1913 Jan. 1, 1913
288.	A. C. Kelley	200 00	July 1, 1914	Jan. 1, 1913 July 1, 1912
289.	Herman Mohr	$\frac{100}{200} \frac{00}{00}$	July 1, 1914 July 1, 1914	јап. 1, 1913
$\frac{290}{291}$ .	L. L. Powell	100 00	July 1, 1914 July 1, 1914	Jan. 1, 1913 Jan. 1, 1913
292.	Isidor Raffin	150 00	July 1, 1914	Jan. 1, 1913 Jan. 1, 1913
$\frac{293}{204}$ .	H. V. Stephenson	$\begin{array}{cccc} 80 & 00 \\ 100 & 00 \end{array}$	July 1, 1915 July 1, 1915	Jan. 1, 1913 Jan. 1, 1913
294. 295.	F. A. Brown	100 00	July 1, 1914	Jan. 1, 1913 Jan. 1, 1913
296.	Dewitt Billman	75 00	July 1, 1914	Jan. 1, 1913
$\frac{297}{298}$	H. H. Harwood	$\begin{array}{cc} 150 & 00 \\ 150 & 00 \end{array}$	July 1, 1915 July 1, 1914	July 1, 1912 Jan. 1, 1913
$\frac{298}{299}$ .	C. C. Dillon	100 00	July 1, 1915	Jan. 1, 1913
300.	J. S. Collier	150 00	Tuly 1 1914	July 1, 1912
$\frac{301}{302}$ .	A. L. Epstein	$100 00 \\ 150 00$	July 1, 1914 July 1, 1915	July 1, 1913 Jan. 1, 1912
002.	т. д. просопи	200 00		J 1014

PAPER S-EDWARD SNYDER FUND, AUGUST 31, 1912-Concluded.

No. 303. 304. 306. 307. 308. 309. 311. 312. 313. 314. 315. 316.	J. N. Todd. W. E. Holmes. G. E. Simpson. E. H. Walworth S. A. Rolston A. L. Myers. G. H. Stough. A. L. Boettinger. R. D. Ingalls. Geo. E. McIntyre. H. L. Cheney. Robert Smith, Jr.	100 00 July 75 00 July 150 00 July 160 00 July 160 00 July 150 00 July 150 00 July 153 75 July 150 00 July 150 00 July 150 00 July 50 00 July	I due.  y 1, 1914 1, 1915 y 1, 1914 - y 1, 1914 - y 1, 1915 y 1, 1915 y 1, 1915 y 1, 1915	Int. paid to. Jan. 1, 1913 July 1, 1912 Jan. 1, 1913 Jan. 1, 1913 July 1, 1912 July 1, 1912 Jan. 1, 1915 Jan. 1, 1913 Jan. 1, 1913 July 1, 1912 Jan. 1, 1913 July 1, 1912 Jan. 1, 1913 July 1, 1912 July 1, 1913 July 1, 1913
313. 314. 315.	R. D. Ingalls Geo. E. McIntyre H. L. Cheney	150 00 Jul 150 00 Jul 50 00 Jul 100 00 Jul 50 00 Jul 50 00 Jul 50 00 Jul 100 00 Jul 200 00 Jul	7 1, 1915 7 1, 1914 7 1, 1915	July 1, 1912 Jan. 1, 1913 July 1, 1913
	Total	\$10,710 43		

PAPER R-INVENTORY JUNE 30, 1912.

	Perm	anent.	Variable.	
Departments.	Apparatus material.	Museum Illustrative.	Commercial material.	Totals.
Art and design Astronomy Art gallery Architecture Agricultural College. Agricultural extension Animal husbandry Agricultural Experiment Station. Botany Ceramics. Chemistry. Civil engineering. Classical museum Dairy department English Economics Engineering Experiment Station. Education. Entomology Electrical engineering Engineering College Engineering mining. Fire apparatus. German. Geology Geological survey. Graduate School Grounds Household Science Horticulture History Labratory of Natural History Labratory of Natural History Labratory of Applied Mechanics Library Labratory School. L. and A. College Mathematics	material.  \$ 1,967 77 10,292 00  22,927 93 18,256 00 501 50 35,525 80 14,994 14 7,387 10 6,387 45 35,428 31 17,264 00  15,082 37 950 33 2,100 75	\$ 170 00 4,544 60 1,680 00 4,249 96 1,116 00 770 00 527 27 324 44  95 00 136 00 402 93 23,696 31 349 18 1,520 00 3,050 00 154 16		\$ 1,967 77 11,419 00 4,544 60 22,927 93 18,256 00 501 50 40,117 05 14,994 11 12,409 88 6,387 45 62,544 31 18,934 00 527 27 27,435 37 950 33 2,425 19 1,256 85 2,77 15,752 25 8,877 63 12,101 30,940 94 40,000 513 30,940 94 40,000 513 30,940 94 40,000 513 30,940 94 40,000 513 30,940 94 40,000 513 30,940 94 40,000 513 67 58,666 86 487 12 32,566 86 487 12 32,566 86 487 12 32,566 86 48,99 84 434,899 58 40,000 581 65 581 65
Museum European Culture.  Museum European Culture. Military band. Military department* Mechanical engineering. Music.	3,662 20 30,670 45 68,846 70 3,610 30	1,645 35	1	10,000 00 262 30 3,662 20 30,670 45 74,078 62 3,610 30
Pharmacy. Physiology Physics. Physical training, women Physical training, men	18,045 56 6,327 42 72,970 85 4,047 68 3,083 70			19,688 26 6,327 42 76,582 45 4,047 68 3,083 70

#### PAPER R-INVENTORY JUNE 30, 1912-Concluded.

	Perm	anent.	Variable.	
Departments.	Apparatus material.	Museum illustrative.	Commercial material.	Totals.
Psychology Rallway engineering. Romance language. Steam department. Telephone system Veterinary science. Zoology	26, 842 90 650 73 140, 639 33 11, 366 89		\$225 40 100 00	\$ 2,789 75 29,516 90 650 73 140,639 33 11,366 89 1,531 00 10,838 10
Totals	\$1,253,922 49	\$59,025 00	\$56,388 43	\$1,369,335 92

<sup>\*</sup> This includes United States Government property loaned to the University.

# FURNITURE AND FIXTURES JUNE 30, 1912.

Armory		•			A + 400 F0
Gymnasium		• • • • • • •	• • • • • • • •	• • • • • • • • • • •	\$ 1,692 50
Woodshop	• • • • • • • •			• • • • • • • • • • •	5,471 00
Woodshop Metal-shop	•••••	• • • • • •	• • • • • • • •		2,384 25
Metal-shop	• • • • • • • •	• • • • • •		• • • • • • • • • • • •	584 00
Electrical Engineering Laborat	ory				2,428 00
					10,983 05
					10 515 05
Mechanical Laboratory	• • • • • • •	,	• • • • • • • •	• • • • • • • • • • •	4,480 50
President's House		• • • • • •			2,817 98
President's House	• • • • • • •	• • • • • •	• • • • • • • • •		2,000 00
Ceramics Building	• • • • • • • •				299 00
					4.274 00
Lincoln Hall					7.816 50
Total	• • • • • • •				\$107,760 57

# RESOLUTIONS OF THE ILLINOIS STATE MEDICAL SOCIETY.

President James presented for record the following set of resolutions concerning the medical school of the University, adopted by the House of Delegates of the Illinois State Medical Society at its last meeting held at Springfield, Ill., on May 21, 1912:

WHEREAS, The Legislature of Illinois did at one time grant the sum of \$389,000 for the purpose of promoting the cause of medical education and research by enabling the University of Illinois to provide a suitable plant for its Medical School, which appropriation was lost by the veto of the Governor; and

which appropriation was lost by the veto of the Governor; and
WHEREAS, The Legislature did at its last session appropriate the sum of
\$60,000 per annum to the University for the support of its Medical School, which
sum was lost by a decision of the Supreme Court on a highly technical point; and
WHEREAS, On account of the failure of appropriation the University of Illinois
has been compelled to close its Medical School, greatly to the injury of the interests
of public health and medical progress in this State; therefore, be it

Resolved, That the Illinois State Medical Association in convention assembled,
representing 5,500 practicing physicians, do hereby express our deep regret that
the Legislature at its recent extra session did not reappropriate the sums already
granted to the University for the purposes of medical education, thereby dealing a
serious blow to the interests of the greatest educational institution of the State
and setting back for an indefinite period the interests of public health in this
commonwealth; and

Resolved, Further, That this association pledge itself to the support of the
policy of adequate appropriations from the State treasury for the development by
the State University of the work in public health, medical research, and medical
education; and

Resolved, Further, That a standing committee consisting of one from each

Resolved, Further, That a standing committee consisting of one from each county be appointed, whose duty it shall be to urge upon public attention, upon the Legislature, and upon the University authorities, the necessity of making adequate provision for this great public need.

#### [SECRETARY'S CERTIFICATE.]

OTTAWA, ILL., September 13, 1912.

I hereby certify that the above whereases and resolutions were presented to the House of Delegates of the Illinois State Medical Society at its last meeting, and the same were upon motion unanimously adopted.

E. W. Weis, Secretary, Illinois State Medical Society.

The foregoing set of resolutions of the Illinois State Medical Society was ordered to be printed in the minutes.

#### RESOLUTIONS OF THE ILLINI CLUB OF CHICAGO.

President James presented also for record the following set of resolutions concerning the Medical School of the University, recently passed by the Illini Club of Chicago:

WHEREAS, The University of Illinois has ceased to conduct a School of Medicine

Whereas, The University of Illinois has ceased to conduct a School of Medicine as a department of the University, and

Whereas, The health of the people of the State can best be conserved by providing adequate facilities for instruction, study and research in medical science, and for the publication of medical knowledge under the supervision of a competent educational agency of the State, and

Whereas, The State through the University of Illinois aids in safeguarding and increasing the welfare of the people of the commonwealth by offering courses in agriculture, engineering, law, science and the arts, now, therefore, be it

Resolved, That we, the members of the Illini Club of Chicago, hereby declare it to be our sentiment that the University of Illinois should maintain a Department of Medicine, and for the purpose of establishing a School of Medicine, of the highest standard, we pledge our earnest efforts to assist the trustees of the University to secure therefor the site now occupied by the College of Physicians and Surgeons in the city of Chicago or any other location as may be deemed desirable; and, be it further

Resolved, That this resolution be sent to the trustees of the University of Chicago.

Chicago.

Attested: Frei A. N. Bennett, Secretary. Dated at Chicago, Ill., this 28th day of August, 1912. FRED J. POSTEL, President.

The foregoing resolutions of the Illini Club of Chicago were ordered to be printed in the minutes.

#### PLANS FOR STOCK JUDGING PAVILION.

Professor James M. White, supervising architect, who was present, presented a report of progress on the plans for the Stock Judging Pavilion.

sented a report of progress on the plans for the Stock Judging Pavilion.

The plans as outlined provide for a building elliptical in plan, with an arena 87 feet by 147 feet, surrounded by seats having a capacity for 2,000 people. This building is intended to be one of a group but does not include in itself any other functions than that of an exhibit arena. A stable would have to be built to the south, and at the east and west connecting buildings are to be constructed which will include classrooms, offices, and smaller judging rings. This structure is to be located on the campus meridian south of the present dairy barn. The exterior walls will have a height of about 30 feet, and the design will be Italian Rennaisance, with an open areade all the way around, giving somewhat the effect of a Roman coliseum. The roof is to be of slate or preferably tile, and the material, with the exception of the roof sheeting, is to be entirely of non-combustible materials. For the exterior of the building both terra cotta and concrete are under consideration. The appropriation available for building is \$80,000.

# SERVICE BUILDINGS FOR HORTICULTURAL GREENHOUSES: APPROVAL OF PLANS: BIDS.

The supervising architect submitted also the plans for the service buildings in connection with the Horticultural Greenhouses.

The prints submitted provide for structures built of hollow tile with stuccoed exteriors two stories in height, the second story extending up into the roof in order to give the building as low an effect as possible. The east building, to be used in connection with the vegetable and plant breeding work, is 36 feet north and south by 36 feet, 6 inches east and west, and the Floricultural Service Building is 37½ feet north and south by 93½ feet east and west. These buildings will be isolated from all other structures except the glasshouses, and for this reason the designer has chosen a style of building which will give strong light and shade effects with the minimum height possible for a two-story building. The appropriation available for these two structures is \$26,000.

On motion of Mrs. Evans, it was voted to approve these plans for the service buildings in connection with the Horticultural Greenhouses as submitted, and to authorize the supervising architect to call for bids on the basis of these plans.

At this point Mr. Moore took his seat with the board.

#### REPORT OF THE COMMITTEE ON THE COLLEGE OF MEDICINE.

Mrs. Busey, as chairman of the Committee on the College of Medicine, reported to the board information received by the committee that donations and options have been secured for a majority of the stock of the College of Physicians and Surgeons.

Dr. D. A. K. Steele, president of the College of Physicians and Surgeons, who was present, confirmed this information, specifying that he had donations promised of 1,003 shares and written options on 785 shares, making 1,788 shares already available, out of a total of 2,170 shares.

#### RECOMMENDATION OF THE PRESIDENT OF THE UNIVERSITY,

In this connection, the president of the University recommended the adoption by the board of the following resolution:

Resolved. That the Board of Trustees of the University of Illinois will request Resolved, That the Board of Trustees of the University of Illinois will request the next Legislature to grant the sum of at least one hundred thousand dollars (\$100,000) per annum for the support of the University Medical School; and that they will reopen a Medical School in the city of Chicago, provided such an appropriation be obtained, and provided that the alumni of the College of Medicine, or other person, secure to the University the possession of an adequate plant and site in the city of Chicago, either by presenting to the trustees the stock of the College of Physicians and Surgeons of Chicago, or by the provision of an equally good site and plant elsewhere in the city and plant elsewhere in the city.

President James presented also the following statement of his position

in the matter:

The foregoing recommendation is based upon the conviction that the University of Illinois ought not to attempt to conduct a Medical School upon the basis of the fees of medical students alone; and that under no circumstances ought the University to attempt to conduct a Medical School without the consent of the Legislature and without an adequate appropriation from the Legislature for the support of the sepool of the school.

of the school.

Attention is called to the fact that the universities of Michigan, Wisconsin, Minnesota, Iowa, Indiana and Missouri all require for admission to their medical courses the completion of two full years of college work in addition to graduation from the standard four-year high school; and that all the institutions of the Association of American Universities, of which the University of Illinois is a member, so far as they conduct medical schools, require, with a single exception, similar conditions of admission. These conditions have been accepted by all persons interested in medical research and education as the minimum requirement which any university should accept.

Attention is called to the fact that it would be impossible to conduct a Medical School with such standards upon the basis of fees alone, and that, therefore, a legislative appropriation would be absolutely necessary to undertaking the control and management of a Medical Department.

The University of Illinois cannot afford to lend the weight of its influence in the slightest degree to debase the high standards of medical education which have been finally attained by the leading universities of America.

## VOTE ON CONDITIONAL ACCEPTANCE OF P. AND S. PROPERTY.

After a full discussion of the subject from all points of view, it was voted, on motion of Mr. Hatch, that the Board of Trustees will accept the property of the College of Physicians and Surgeons, provided that all the stock has been secured and donated to the University on or before February 1, 1913.

The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Hatch, Mr. Hoit, Mr. Moore; noes, Mr. Anthony, Mrs. Busey; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Meeker.

Mrs. Busey stated in explanation of her vote that she was in favor of accepting the property of the College of Physicians and Surgeons on the condition that an adequate appropriation for the support of a medical school shall be obtained from the Legislature, but not without this condition.

At this point Mr. Hoit withdrew from the meeting.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### CURATOR OF SCHOOL OF PHARMACY.

(1) A recommendation that Mr. W. B. Day be appointed curator of the School of Pharmacy of the University of Illinois, for one year beginning September 1, 1912; this appointment being recommended for the purpose of enabling Mr. Day to sign the necessary bonds for the withdrawal of alcohol free of taxation for the use of the School of Pharmacy.

This recommendation was approved.

#### APPROPRIATION OF RECEIPTS TO DEPARTMENTS.

(2) A request from Mr. O. E. Staples, Chief Clerk, for the following appropriations from the estimated receipts of the departments named to the uses of the respective departments:

Agricultural College	\$45,000 00
Agricultural Experiment Station	35,000 00
Blue printing	2,5000
Hospital Association	1,800 00
Library fines	400 00
Rebates to students	5,0000
Snyder fund, interest	
Water Survey	1,000 00

This request was accompanied with the suggestion that the funds of the Hospital Association should be carried in the future like other funds on the books of the treasurer of the University instead of merely on the chief clerk's books.

The foregoing recommendation and suggestion were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

#### ANNOUNCEMENT IN REGARD TO CONTEMPLATED PURCHASE OF LAND.

(3) A recommendation from Professor James M. White, Supervising Architect, that the University publish the following announcement:

"The University of Illinois is contemplating the acquisition of considerable additional land, which may be obtained in any one of three directions from its present holdings, and the price at which the land can be obtained will very largely determine in which direction the extensions will be made. As only a part of the land needed can be purchased next year or the year after, that which can be obtained to the best advantage will be purchased first. The University cannot actually purchase any of this land before July 1, 1913, but is ready to take options at prices which it considers justifiable. The options will not be taken unless it is the present intention of the University to accept the offer providing the necessary appropriation can be obtained from the Legislature, though the University must reserve the right to decline to close the option if circumstances seem to make it undesirable.

"Persons who feel disposed to offer their property to the University under

"Persons who feel disposed to offer their property to the University under such conditions are requested to indicate such willingness, with a definite statement of the offer in writing to the Secretary of the Board of Trustees of the University of Illinois, Urbana, Ill., on or before November 1, 1912."

This recommendation was referred to the Executive Committee with power to act.

#### TEMPORARY PROVISION FOR APPROVAL OF PURCHASES AND PAYMENTS.

A recommendation that Mr. Lloyd Morey, Bookkeeper in the office of the Comptroller, be authorized to approve requisitions for purchase and vouchers for payments, until further notice.

This recommendation was approved.

#### APPOINTMENT OF ASSISTANT PROFESSOR OF ANIMAL HUSBANDRY.

(5) A recommendation that Mr. Edwin Stanton Good be appointed assistant professor of animal husbandry in the College of Agriculture and assistant chief in Animal husbandry in the Agricultural Experiment Station, with special reference to swine husbandry, at a salary of twenty-seven hundred dollars (\$2,700) a year, work and salary to begin as soon as he reports for service.

This recommendation was approved.

#### APPOINTMENT OF FOREMEN OF STEAMFITTERS AND PLUMBERS AND ELECTRICIANS,

request from the supervising architect that Mr. C. H. Havens, now (6) A request from the supervising architect that Mr. C. H. Havens, now employed by the hour as foreman of steamfitters and plumbers, be placed on a salary basis at a salary of one hundred twenty dollars (\$120) a month; and that Mr. M. W. Murphy, now employed by the hour as foreman of electricians, be placed on a salary basis of one hundred ten dollars (\$110) a month; these salaries to be paid from the various appropriations from which the salaries of these men have heretofore been paid; this recommendation involving an increase of about ten dollars a month in the compensation of Mr. Havens, and of about three dollars a month in the compensation of Mr. Murphy.

This recommendation was referred to the president of the University with power to act, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent,

Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

#### APPOINTMENT OF STENOGRAPHER TO THE SUPERVISING ARCHITECT.

(7) A recommendation that Miss Elizabeth C. Peel be appointed stenographer in the office of the supervising architect, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month; this salary to be charged to the appropriation for sundries for the office of the supervising architect.

This recommendation was referred to the president of the University

with power to act.

#### SETTLEMENT FOR TRANSPORTATION BUILDING,

(8) A recommendation from the supervising architect that a final settlement be authorized with Messrs. V. Jobst & Sons on account of the contract for the Transportation Building recently completed.

It was voted to authorize the president of the board to settle this contract on the receipt of certificates from the supervising architect, the State Architect, and the dean of the College of Engineering that the contract has been satisfactorily completed. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

#### APPROPRIATIONS FOR WALKS AND DRIVES.

(9 A request from the supervising architect that the sum of two thousand dollars (\$2,000) be appropriated from the State appropriation for pavements and walks, for the following improvements:

(a) Eight hundred dollars (\$800) for walks and drives around the Agricul-

tural Building.

(b) Six hundred dollars (\$600) for an appropriate approach to the Auditorium. (c) Six hundred dollars (\$600) for a pavement between Green Street and the Pumping Station, in accordance with general plans submitted.

It was voted to approve this recommendation and to appropriate the sum of two thousand dollars (\$2,000), in amounts as specified, for the improvements named. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

# APPROPRIATIONS FOR HEATING AND LIGHTING.

(10) A recommendation from the supervising architect that the appropriation for the Heating and Lighting Plant be reimbursed in the amount of three thousand dollars (\$3,000) from each of the appropriations for the two buildings located on the line of the tunnel to Lincoln Hall, namely, the Commerce Building and the addition to the Woman's Building; and a further recommendation that appropriations be made from the appropriation for the Heating and Lighting Plant as follows:

(a) Eighteen hundred dollars (\$1,800) for approximately one hundred eighty

(a) Eighteen induced unders (\$1,800) for approximately one nu 100-Watt Tungsten fixtures for campus lighting.
(b) Twenty-three hundred dollars (\$2,300) for an air compressor.
(c) Five hundred dollars (\$500) for a vacuum pump.
(d) Five hundred dollars (\$500) for boiler repairs.

These recommendations were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

#### RESOLUTION CONCERNING FIREPROOF CONSTRUCTION.

(11) A recommendation that the following resolution be adopted by the Board of Trustees on the subject of fireproof construction of University buildings:

"It is the policy of the University to erect all buildings under its direction of firepoof construction, and to use fire resisting construction as far as possible in the reconstruction of nonfireproof buildings.

"Modification of this policy must be approved by the Board of Trustees in coch individual ages."

each individual case.

"This resolution is intended to be a positive order to the State Architect, the supervising architect, and other persons entrusted with the planning and erection

of repairs or buildings.

"The persons in question should call the attention of the Board specifically to any proposed departure from this policy at the time plans are submitted and secure express permission to make such deviation."

The foregoing resolution was adopted.

## RESIGNATIONS OF PROFESSORS BURRILL AND SHATTUCK ACCEPTED.

The attention of the board was called to the fact that the resignations of Professors Burrill and Shattuck, presented by them to take effect August 31, have not been acted upon.

It was voted to appropriate the sum of \$3,000 to be paid Dr. T. J. Burrill, in recognition of the distinguished services rendered by him to the University on numerous occasions in the capacity of vice president and acting president. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

It was then voted to accept the resignation of Dr. T. J. Burrill as vice president of the University, professor of botany, and botanist in the Agricultural Experiment Station, to take effect August 31, 1912; and to accept the resignation of Professor Shattuck as comptroller of the University and professor of mathematics, to take effect August 31, 1912. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

It was voted further that a committee of the board should be appointed to draft suitable resolutions to be printed in the minutes, expressing the appreciation of the board of the services of Dr. Burrill and Dr. Shattuck.

## MINUTES APPROVED.

The secretary presented the minutes of the meetings of June 7, June 11, July 5, July 13, and August 23, 1912, which were approved.

The secretary presented also the minutes of the meetings of the Executive Committee held on July 5, July 13, and August 23, 1912, which were received for record.

## COMPENSATION OF PROFESSOR GOODMAN.

It was voted that the salary of Mr. F. M. Goodman, as professor of the School of Pharmacy, for the year beginning September 1, 1912, should be fixed at \$1,200. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# Meeting of October 8, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held in the office of the State Superintendent of Public Instruction, at Springfield, Ill., on Tuesday, October 8, 1912, beginning at 10:30 A.M., pursuant to the following notice which was sent out by the secretary on September 30, 1912:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, in the office of the State Superintendent of Public Instruction, at Springfield, Ill., on Tuesday, October 8, 1912, beginning at 10:00 A.M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mr. Grout, Mr. Hatch.

The secretary presented an invitation from Mr. George A. Anthony, president of the State Board of Agriculture and a member of the Board of Trustees, inviting the members of the board to a luncheon at one o'clock at the State Fair Grounds.

There being no quorum present, a recess was taken until after the luncheon with Mr. Anthony.

W. L. Abbott, President.

C. M. McConn, Secretary.

#### MEETING OF THE EXECUTIVE COMMITTEE OCTOBER 8, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the office of the State Superintendent of Public Instruction, at Springfield, Ill., on Tuesday, October 8, 1912, immediately following the adjournment of the morning session of the Board of Trustees held on the same date.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mr. Blair and Mrs. Evans. Mr. Moore joined the committee toward the end of their meeting.

#### COAL CONTRACT AWARDED.

President Abbott reported that he had awarded the contract for coal for the University for the period between September 1, 1912, and August 31, 1913, to the Electric Coal Company, of Danville, Ill.; the coal to be one and one-quarter inch screenings from the contractor's mine in the Danville District, and to be delivered as required on the switch track at the University boiler house in Urbana, at one dollar and twenty-five cents (\$1.25) per ton. This action of the president of the board was approved.

## PROPOSED VIEWS OF THE UNIVERSITY CAMPUS.

A Mr. Hobbes, representing the company owning the patents on the Bell camera, was heard with reference to a plan of taking birdseye views of the University campus.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the president of the University to fill vacancies in the budget passed on July 5, 1912:

Batkin, Paul J., Assistant in English, on half time, for ten months beginning September 1, 1912, at a salary of forty dollars (\$40) a month. (October 2, 1912.)\*

Bond, Ethel, Instructor in Library Economy, for eleven months beginning October 1, 1912, at a salary of eighty-three and 33-100 dollars (\$83.33) a month. (October 2, 1912.)

Brumfiel, D. M., Scholar in Entomology, for the academic year 1912-13, with a stipendium of two hundred twenty-five dollars (\$225) for the year. (September

Cromer, C. O., Fellow in Farm Management and Accounting, for the academic year 1912-13, with a stipendium of two hundred seventy dollars (\$270) for the year. (September 26, 1912.)

Crowder, B. H., Custodian in the Law Library, for nine months beginning September 26, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Cummins, W. E., Assistant Custodian in the Law Library, for nine months, beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Curtis, Florence R., salary as Instructor in Library Economy in the Library School and Departmental Library Assistant in Library Economy increased from one hundred dollars (\$100) to one hundred ten dollars (\$110) a month, beginning October 1, 1912 (until August 31, 1913), by reason of increased duties. (September 25 1012) 26, 1912.)

Felsenthal, Emma, salary as Lecturer on General Reference in the Library School and Reference Assistant in the Library increased from seventy dollars (\$70) to seventy-five dollars (\$75) a month, beginning October 1, 1912 (until August 31, 1913), by reason of increase 1 duties. (October 2, 1912.)

Fletcher, C. H., Assistant Custodian in the Law Library, for nine months beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Glasgow, Hugh, Assistant in Entomology, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 23, 1912.)

Good, Elizabeth, Stenographer in the Department of Electrical Engineering, for twelve months beginning September 1, 1912, at a salary of forty dollars (\$40) a month. (September 23, 1912.)

Havens, C. H., Foreman of Steamfitters and Plumbers, at a salary of one hundred twenty dollars (\$120) a month beginning October 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Hirschkind, Wilhelm, Instructor in Chemistry, for nine months beginning October 1, 1912, at a salary of eighty dollars (\$80) a month, vice R. H. Jesse. (September 27, 1912.)

Just.\* Josephine Anna, Stenographer in the Department of Zoölogy, on two-thirds time, on probation for three months beginning October 3, 1912, at a salary of thirty-three and 33-100 dollars (\$33.33) a month. (October 4, 1912.)

Kirwan, Nora I., Stenographer in the Office of the University Librarian, at a salary of forty-one and 66-100 dollars (\$41.66) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (October 2, 1912.)

Lamb, Allie, Filing Clerk in the Registrar's Office, at a salary of forty-five dollars (\$45) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Manley, Edwin J., Instructor in Swimming, for the academic year 1912-13, service beginning October 1, 1912, at a salary of seven hundred dollars (\$700) for the year. (October 2, 1912.)

Miller, F. R., Page in the University Library, beginning September 16, 1912, and continuing until further notice or until August 31, 1913, to be paid by the hour at the rate of twenty-five cents (25c) an hour. (October 3, 1912.)

Mitchell, Margaret, Sunday Assistant in the Library, from September 22, 1912, until June 1, 1913, with a compensation of eight dollars (\$8) a month, vice Catherine Oaks. (September 23, 1912.)

Catherine Oaks. (September 23, 1912.)

Murphy, M. W., Foreman of Electricians, at a salary of one hundred ten dollars (\$110) a month, beginning October 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Oaks, Catherine. Reviser in the Library School, for three months, beginning as soon as she reports for service, at a salary of seventy-five dollars (\$75) a month. (September 23, 1912.)

Peel, Elizabeth C., Stenographer in the Office of the Supervising Architect, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (October 4, 1912.)

<sup>\*</sup> The date in parenthesis after each item is the date when the appointment was offic a y made by the President of the University.

Reece, Ernest J., Instructor in Library Economy, for ten months beginning September 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (October 2, 1912.)

Sarett, L. R., Assistant in Public Speaking, for ten months, beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (September 24, 1912.)

tember 1, 1912, at a salary of eighty dollars (\$80) a month. (September 24, 1912.)

Seidenberg, N. C., Assistant Custodian in the Law Library, for nine months, beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Schneider, H. F., Graduate Assistant in Chemistry, for ten months, beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice L. F. Foster. (September 23, 1912.)

Simpson, Frances, Assistant Director of the Library School, for the year beginning September 1, 1912, with a compensation as Assistant Director (in addition to her salary as Assistant Professor of Library Economy and Reference Librarian) of twenty-five dollars (\$25) a month. (September 26, 1912.)

Stevens, Grace E., Assistant in Household Science, for ten months beginning September 1, 1912, at a salary of ninety dollars (\$90) a month. (October 4, 1912.)

Sutherland, G. F., Page in the University Library, beginning September 16.

September 1, 1912, at a salary of ninety dollars (\$90) a month. (October 4, 1912.) Sutherland, G. F., Page in the University Library, beginning September 16, 1912, and continuing until further notice or until August 31, 1913, to be paid by the hour at the rate of twenty-five cents (25c) an hour. (October 3, 1912.) Wakely, Leslie M., Assistant in Dairy Husbandry in the Agricultural Experiment Station, for ten months beginning November 1, 1912, at a salary of one hundred dollars (\$100) a month. (September 23, 1912.)

Wells, John Richard, Assistant in Animal Husbandry in the College of Agriculture and in the Agricultural Experiment Station, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month. (September 25, 1912.)

#### REPORT OF THE BUSINESS OFFICE.

The secretary presented the report of the business office for the quarter ending September 30, 1912, which was received for record.

#### RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, July 1, 1912	\$13,532 92	
RECEIPTS.		
Agricultural College		
Agricultural Experiment Station receipts 3,070 43	· • • • • • • • • • • • • • • • • • • •	
Blue printing 869 97	• • • • • • • • •	
Buildings and grounds	• • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·
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	• • • • • • • • • •	• • • • • • • • •
	• • • • • • • • • •	• • • • • • • • •
Engineering College	• • • • • • • • • •	
Hatch fund receipts		• • • • • • • • •
Hospital Association		• • • • • • • • •
Library fines		
Lockers—General		
Lockers—Gymnasium	•••••	
Military Department		
Philology, Journal of	, <b></b>	
Plym fellowship	•••••	
Snyder fund, interest	•••••	
Snyder fund, principal	* * * * * * * * * * * * * * * * * * * *	
Soil extension (I. C. R. R. Co.)		
Special fees		
University fees		
University studies		
Water survey 100 00		
Zoölogy 20 90		
	83,895 78	
REMITTANCES TO H. H. HAUGAN, TREASURER.		
August 2, 1912	• • • • • • • • • •	• • • • • • • • •
September 14, 1912	•,•••	• • • • • • • • • •
September 20, 1912	• • • • • • • • • • • • • • • • • • • •	
September 26, 1912	• • • • • • • • • •	
September 26, 1912	• • • • • • • • • • •	
September 28, 1912	• • • • • • • • • •	• • • • • • • • •
Deptember 40, 1914	• • • • • • • • • •	\$82,140 15
Balance, September 30, 1912		15,288 55
20101100, 201011101		10,200 00
	\$97,428 70	\$97,428 70

# EXPENDITURES.

# CURRENT APPROPRIATIONS.

	Appropriation,	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Accountancy	\$ 2,782 99 16,176 40		\$ 362 05 7,246 28	\$ 362 05 7,246 28	\$ 2,420 94 8,930 12
Agricultural experiment station  Alumni Quarterly  Alumni Record.	17, 193 63 1,000 00 5,328 07		2,017 09 250 00 356 96	2,017 09 250 00 356 96	15, 176 54 750 00 4,971 11
Alumni Quarterly Alumni Record. Applied mechanics Art and design	1,353 51 500 00 145 50		10 00	89	1,352 62 500 00 135 50
Band instruments depositsBlue printingB'nai B'rith library	869 97 525 00		388 96	10 00 388 96	481 01 525 00
Botany. Chemistry,	2,500 00 15,000 00 100 00		532 73 7, 238 92	532 73 7,238 92	1,967 27 7,761 08 100 00
Dean of men	3,000 00 500 00		559 80 48 50	559 80 48 50	2, 440 20 451 50
Editing University Bulletin Education, school of Engineering building site	1,000 00 2,250 00 1,210 40		71 00 1 20	71 00 1 20	1,000 00 2,179 00 1,209 20
Engineering college Engineering experiment station English	12,000 00 416 83 1,550 00		1,859 53	1,859 53 104 39	10, 140 47 416 83 1, 445 61
Entomology	1,451 00 1,340 80		831 33 144 53	831 33 144 53	619 67 1,196 27
Geology. German language. Gymnasium lockers. High school contest.	200 00 1,695 00 400 00		588 00 20 00	588 00 20 00	200 00 1,107 00 380 00
History	150 00 825 00 436 13		1 40 369 50 199 83	1 40 369 50 199 83	148 60 455 50 236 30
Incidentals	10,000 00 60,000 00 3,145 00		1,880 61 11,180 55	1,880 61 11,180 55	8,119 39 48,819 45
Library Library fines Library school.	27 35 1,080 00		507 10 25 00 11 90	507 10 25 00 11 90	2,637 90 2 35 1,068 10
Library students assistantsLibrary suppliesLincoln hall dedication	3,580 00 145 95 750 00		798 90 145 95	798 90 145 95	2,781 10 750 00
Literature and arts, college of Mathematics Medicine, college of	800 00 200 00 16,644 12		66 45 5 50 11,869 65	66 45 5 50	733 55 194 50 4,774 47
Military department	1,150 00 2,000 00		120 35	11,869 65 120 35	1,029 65 2,000 00
Music, school of Pharmacy, school of Philology, Journal of	1,400 00 9,840 10 554 22		276 29 2,630 26 41 42	276 29 2,630 26 41 42	1,123 71 7,209 84 512 80
Philosophy Physical training, women Physical training, men	100 00 741 02 1,200 00		4 95 136 54 10 00	4 95 136 54 10 00	95 05 604 48 1,190 00
Physics, laboratory assistants Physiology	600 00 1,900 00		5 58	5 58	600 00 1,894 42
Plym fellowship Political science Psychology	1,000 00 50 00 500 00		20 00	20 00	600 00 50 00 480 00
Public school drawing exhibit Rebates to students Romance languages	50.00 5,000.00 100.00		740 70 2 09	740 70 2 09	50 00 4,259 30 97 91
Science, college ofSnyder fund	700 00 1,904 57 600 00		92 37 1,500 00	92 37 1,500 00	607 63 404 57
Snyder fund interest	50 00 1,019 85		8 00 612 11	8 00 612 11	600 00 42 00 407 74
Summer library schoolSupervising architectUniversity fellowships	515 00 1,800 00 2,400 00		460 58 185 00	460 58 185 00	515 00 1,339 42 2,215 00
University fellowships Water survey receipts Woman's league loan fund	100 00 220 00 4,750 00		23 05	23 05	76 95 220 00
Zoölogy  Totals, current appropriations			\$57,649 66	\$57,649 66	\$170,867 75

# EXPENDITURES—Continued.

# STATE APPROPRIATIONS.

	Appropriation.	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Agricultural College	\$415,800 00 9,000 00 80,000 00	\$171,962 25 5,056 80 35 35	\$53,586 28 3,096 07 259 51	\$225,548 53 8,152 87 294 86	\$190,251 47 847 13 79,705 14
Closed out	3,987 93 3,101 17 900 00 10 90	3,987 93	1,546 49 35 25 10 90	3,987 93 1,546 49 35 25 10 90	1,554 68 864 75
Totals, apparatus and appliances	\$8,000 00	\$3,987 93	\$1,592 64	\$5,580 57	\$2,419 43
ArmoryBuildings and grounds	\$100,000 00 50,000 00	\$ 380 15 25,000 00	\$ 3,339 95 5,797 84	\$ 3,720 10 30,797 84	\$ 96,297 90 19,202 16
Closed out* Lincoln hall Natural history museum	3,407 79 3,480 84 1,111 37	3,407 79	1,128 16 135 84	3, 407 79 1, 128 16 135 84	2,352 68 975 53
Totals, cabinets	\$8,000 00	\$3,407 79	\$1,264 00	\$4,671 79	\$3,238 21
Ceramics. Ceramics building. Chemical labratory Clinic building.	\$ 30.000 00 21,000,00 20,000 00 5,000 00	\$12,300 44 1,853 53 10,000 00	\$ 2,686 16 7,614 35 4.568 39	\$14,986 60 9,467 88 14,568 39	\$ 15,013 40 11,532 12 5,431 61 5,000 00
Cold storage Commerce building Crop experiments Dairy barn. Dairy investigation.	9,000 00 125,000 00 30,000 00 10,000 00	30, 229 69 11, 203 85	30,032 05 4,326 84 812 87	60, 261 74 15, 530 69 812 87	9,000 00 64,738 26 14,469 31 9,187 13
Engineering bldg, and ground	30,000 00 5,000 00 200,000 00	15,000 00 2,837 74 50,997 25	5,392 86 68,317 41	20,392 86 2,837 74 119,314 66	9,607 14 2,162 26 80,685 34
maintenance— Closed out*. College. Experiment station. Salaries.	74,391 40 31,975 03 43,633 57 30,000 00	74,391 40	5,941 34 9,632 48 2,999 98	74, 391, 40 5, 941 34 9, 632 48 2, 999 98	26,033 69 34,001 09 27,000 02
Totals, engineering experiment station.	\$180,000 00	\$74,391 40	\$18,573 80	\$92,965 20	\$87,034 80
Fire protection. Floriculture. Glass house. Graduate school Gymnasium Heating and lighting plant. Horticulture. Household science,	\$ 3,000 00 16,000 00 30,000 00 100,000 00 5,000 00 30,000 00 30,000 00 5,000 00	\$ 1,500 00 8,000 00 39,275 69 2,942 43 28,159 71 15,000 00 2,083 30	\$ 875 34 1,966 50 3,314 20 6,025 27 1,209 85 588 77 3,689 65	\$ 2,375 34 9,966 50 3,314 20 45,300 96 4,152 28 28,748 48 18,689 65 2,500 00	\$ 624 66 ,6,033 50 26,685 80 54,699 04 847 72 1,251 52 11,310 35
Interest on endowment fund— Closed out* Agricultural College General	32,411 82 8,103 98 8,103 98	32,411 82	8, 103 98 1, 624 99	32,411 82 8,103 98 1,624 99	2,500 00 6,478 99
Totals, interest endowment fund	\$48,619 78	\$32,411 82	\$9,728 97	\$42,140 79	\$6,478 99
Law building.  Law school  Library.  Live stock specimens.  Mines, investigation  Mining building.  Mining engineering.  Oversting evpenses—	\$ 15,000 00 50,000 00 50,000 00 22,500 00 10,000 00 25,000 00 30,000 00	\$ 1,142 92 20,027 08 20,303 89 13,504 23 2,321 09 579 53 6,593 23	\$ 2,679 78 5,617 25 4,358 23 692 55 4,023 43 8,329 55 2,764 97	\$ 3,822 70 25,644 33 24,662 12 14,196 78 6,344 52 8,909 08 9,358 20	\$ 11,177 30 24,355 67 25,337 88 8,303 22 3,655 48 16,090 92 20,641 80
Operating expenses— Closed out*. Board expense. Comptroller's office. Furniture and fixtures. Heating and lighting High School Visitor. Lectures. Library shelving.	545,061 62 2,500 00 3,270 00 5,000 00 40,000 00 2,900 00 5,000 00 500 00	545,061 62	94 94 559 49 228 78 6, 856 80 303 17	545,061 62 94 94 559 49 228 78 6,856 80 303 17	2,405 06 2,710 51 4,771 22 33,143 20 2,596 83 5,000 00

# ${\tt EXPENDITURES}-Concluded.$

	Appropriation.	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Operating expenses—Concl'ed. President's office Printing and postage. Registrar's office Salaries for instruction Salaries for services. Summer session, 1912 Unassigned	\$ 2,000 00 12,000 00 4,220 00 415,000 00 97,000 00 14,027 91 1,520 47		\$ 315 50 688 41 1,417 39 88,752 57 21,808 88 13,537 83	\$ 315 50 688 41 1,417 39 88,752 57 21,808 88 13,537 83	\$ 1,684 50 11,311 59 2,802 61 326,247 43 75,191 12 490 08 1,520 47
Totals, operating expenses  Pavements and walks Pharmacy, School of Sheep building Shop practice Social and Political Science Soil investigation	\$1,150,000 00 \$ 8,000 00 20,000 00 2,000 00 12,000 00 50,000 00 130,000 00	\$545,061 62 \$ 3,913 21 10,000 00 . 587 02 6,000 00 20,656 04 57,681 26	\$135,063 76 \$ 2,913 33 1,405 42 3,216 97 4,980 47 27,531 54	\$680, 125 38 \$ 3, 913 21 12, 913 33 1, 992 44 9, 216 97 25, 636 51 85, 212 80	\$469.874 62 \$ 4.086 79 7.086 67 7 56 2.783 03 24.363 49 44.787 20
Soil maps. Stock investigation Telephone exchange University Hall Veterinary College and Residence Laboratory Water investigation	30,000 00 50,000 00 3,000 00 250,000 00 30,000 00 30,000 00	8,777 02 25,000 00 1,500 00 246,570 05 25,950 05 11,209 63	21,331 34 2,476 30 5,702 05 290 01 2,827 80 15 36 3,947 10	11,253 32 30,702 05 1,790 01 249,397 85 25,965 41 15,156 73	38, 746 68 19, 297 95 1, 209 99 602 15 4. 034 59 14, 843 27
Water station	4,000 00 15,000 00 125,000 00	2,000 00 6,403 86 25,630 88	1,582 16 1,173 46 31,976 01	3,582 16 7,577 32 57,606 89 \$2,102,073 50	417 84 7,422 68 67,393 11 \$1,632,846 28

## UNITED STATES APPROPRIATIONS.

	Appropri- ation.	Expended before reported.	Expended this quarter.	Total expended.	Balance.
Adams fund	\$15,000 00 314 51 15,000 00 67 21		\$2,584 89 1,844 78 3 84	\$2,584 89 1,844 78 3 84	\$12,415 11 314 51 13,155 22 63 37
Agricultural College General	12,500 00 12,500 00		2,341 63	2,341 63	12,500 00 10,158 37
Totals, Morrill	\$25,000 00		\$2,341 63	\$2,341 63	\$22,658 37
Nelson fund— Agricultural College General Totals, Nelson	\$12,500 00 12,500 00 \$25,000 00				\$12,500 00 12,500 00 \$25,000 00
Totals, U. S. Appropriations	\$80,381 72		\$6,775 14	\$6,775 14	\$73,606 58
Grand totals	\$4,043,818 91	\$1,609,429 73	\$557,068 57	\$2,166 498 30	\$1,877,320 61

<sup>\*</sup>Closed out-Total amount expended 1911-1912.

# CASH SUMMARY.

Balance, July 1, 1912		\$607,488 81	
	\$ 83,895 78		
clerk)		588,590 48	

#### CASH SUMMARY-Concluded.

010 72
079 29
_

#### CURATORSHIP OF SCHOOL OF PHARMACY.

The secretary presented a recommendation that the appointment of Mr. W. B. Day as curator of the School of Pharmacy might be made without term, or, in other words, until further notice, instead of for one year beginning September 1, 1912, as it stands by the action of the board taken on September 19, 1912 (p. 119); this recommendation being made for the reason that the Internal Revenue officer in charge of the department in which the city of Chicago is located objects to the limited term of appointment. This recommendation was approved.

## REPORT OF REGISTRATION, OCTOBER 1, 1912.

The secretary presented the following report of the registration in the University on October 1, 1912:

#### REGISTRATION.

#### COLLEGES AND SCHOOLS AT URBANA OCTOBER 1, 1912.

	Men.		Men. Women.		Total.	
Colleges and schools.	1911.	1912.	1911.	1912.	1911.	1912.
Literature and arts	465	435	417	426	822	861
Science	301	350	69	75	370	425
Engineering	1,209	1,151	_1	_1	1,210	1,152
Agriculture		714	90	86	720	, 800
Music	4	4	64	72	68	76
Total undergraduates	2 600	2.654	641	660	3,250	3.314
Law		118	****		114	118
Library science		110	$\ddot{37}$	32	38	33
Graduate School	175	180	43	38	218	218
Graduate School						
Total in residence October 1	2,899	2,953	721	730	3,620	3,683
Summer session	417	430	230	210	647	640
Deduct duplicates		222	69	51	288	273
,						
Net summer session	198	208	161	159	359	367
Matal to date in Tinhone	2 007	3.161	882	889	2.070	1.050
Total to date in Urbana		-,			$^{3,979}_{193}$	4,050
Increase (Urbana)			• • • •	• • • •	$\frac{193}{4.85}$	$\begin{array}{c} 71 \\ 1.75 \end{array}$
School of Pharmacy (Chicago)		178	4	4	191	182
	101	110	- 1	4	131	104
The committee adjourned.						

C. M. McConn, Clerk.

W. L. ABBOTT, A. P. GROUT, FRED L. HATCH,

Executive Committee.

# AFTERNOON SESSION OF THE BOARD OF TRUSTEES OCTOBER 8, 1912.

When the Board of Trustees of the University of Illinois convened at the State Fair Grounds, Springfield, Ill., on the afternoon of Tuesday, October 8, 1912, pursuant to the action taken at the morning session on the same date, the following members were present: Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Moore. President James was present.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### PLANS FOR STOCK JUDGING PAVILION APPROVED: BIDS AUTHORIZED.

(1) The detailed plans for the Stock Judging Pavilion, worked out in accordance with the general plans submitted at the meeting of September 19, 1912 (p. 117); accompanied by a request from the State Architect for authority to call for bids.

On motion of Mr. Blair, it was voted to approve the plans as submitted and to authorize the State Architect to call for bids on the basis of these

#### WILLIAM B. McKINLEY LOAN FUND.

(2) The following letter from Hon. William B. McKinley, of Champaign, Ill., presenting personal notes from students or former students of the University of Illinois to the amount of ten thousand four hundred eighty-one dollars (\$10,481), for the purpose of establishing a student loan fund:

CHAMPAIGN, ILL., October 3, 1912.

To the Trustees of the University of Illinois.

To the Trustees of the University of Illinois.

Gentlemen: For about fifteen years I have loaned money to students of the University of Illinois to enable them to complete their course of study in the University. I have taken notes from these students, bearing 5 per cent interest, to be repaid at their convenience. I have become so convinced of the valuable and satisfactory results of this work that I desire to make it permanent, as far as possible. I am willing, therefore, to turn over these notes to the University of Illinois, with the understanding that as they are paid off the money shall be turned into a fund and the proceeds used to extend loans to worthy and promising students. As I wish these loans to be made only to persons of character, I shall be pleased if you would be satisfied with notes given by the parties concerned, without requiring other security. I have been indebted to Dean Clark for assistance in selecting students for these loans and have been entirely satisfied with his judgment.

Without excluding particularly meritorious cases in the lower classes, I think it would be well to limit these loans chiefly to upper class men. I shall be glad to turn over these notes, amounting to ten thousand four hundred and eighty-one dollars (\$10,481), as soon as the Board of Trustees indicates its willingness to accept them for the purpose and on the terms indicated in this communication.

W. B. McKinley.

On motion of Mrs. Evans, it was voted that this donation be accepted for the purpose and on the conditions indicated in the foregoing letter; that the fund thus established be called the William B. McKinley Loan Fund; and that the president of the University be requested to express to Mr. McKinley the board's hearty appreciation of this generous gift.

# AUTHORITY TO SUE FOR RECOVERY OF MONEY FROM THE SYNDER LOAN FUND.

(3) A recommendation that the Council of the University be authorized to bring suit, whenever the Council of Administration shall by formal vote so request, against persons who have borrowed money from the Snyder loan fund and who after repeated notices have failed to pay the interest and have failed to pay the principal when the notes have become due.

On motion of Mr. Hatch, this recommendation was approved.

# SCHOLARSHIPS FROM THE HENRY STRONG EDUCATIONAL FUND.

(4) The following communication addressed to the President of the University from the trustees of an educational fund provided for in the will of the late Henry Strong:

President of the University of Illinois, Urbana, Ill.

Sir: The undersigned, being the four children of Henry Strong, lately deceased, and trustees in fact of the educational fund provided in his will, have to invite your attention to a proposed allotment of a portion of this fund to the University of Illinois.

We enclose herewith a printed copy of excerpts from the will establishing such educational fund. We further enclose a printed form of application, upon the basis of which we have arranged to receive and grant requests for individual scholarships. The restrictions in the will and also the form of application will apply to all requests whether such come to us individually and direct, or through the channels of an institution, such as your own.

We have thought it desirable to make an allotment of a definite sum from the educational fund to each of the several State universities with which the testator had associations through his own education or through his later residence or property interests. Acting upon this principle, it is our wish, with your approval, to allot to the University of Illinois the sum of five hundred dollars (\$500) for the scolastic year 1912 to 1913, for the purpose of providing scholarships for meritorious students at your institution to be selected by yourself. Such students would thereupon fill out such application blanks as that enclosed, which would be forwarded by them through you to us; and, carrying your approval as to the selection of the individual and as to amount of the scholarship to be awarded, would thereupon be approved by us as a matter of course and passed to the trustee of the estate itself as a warrant for payment.

We should prefer to leave the initiative as to the distribution of this sum entirely in your hands, subject of course to the restrictions of the will, and request you to work out the details of the most efficient distribution according to your own judgment. You no doubt have a scholarship committee skilled in such matters who could bring wide experience and sound judgment to bear thereon. We would, however, in this connection make one or two suggestions:

In the first place, it would seem to us desirable to make more than one

In the first place, it would seem to us desirable to make more than one scholarship of the total annual sum proposed, five hundred dollars (\$500). We understand that cases are frequent in which \$300, \$200 or even \$100 is all that stands between an enterprising young person and a college education—in which he or she can supply the remainder by individual effort, by other scholarships, or from home sources. By making good the partial deficiency in a number of such cases more would seem to be accomplished than by paying the entire expenses of a single young man or woman.

In the second place, it would seem to us desirable in the selection of beneficiaries to be guided largely not only by the amount of learning the beneficiary will be enabled to acquire, but by the probable use he or she will make of it. Thus an earnest student but otherwise characteriess young person would not probably make us as large a return to society for the education acquired as would a forceful young man who might, through partial self-support or other commendable interests; take a less high rank in his studies.

interests, take a less high rank in his studies.

Finally, where other considerations are equal, it would seem to us desirable to give preference to a young man as compared with a woman. It is the purpose of the fund to provide that education which will in turn provide self-support. It is, of course, a fact that a considerable majority of young women receiving a college, education sooner or later marry, whereby their education ceases to be a factor in their support and drops from the rank of a necessity to that of a luxury—however desirable as such—and is to just that extent wasted. It is also, of course, a fact that a considerable majority of young men receiving a college education sooner or later marry, whereby their education becomes a factor in the support not only of themselves, but of their wives and children, and tends to raise the economic and social standard of the family in their own and succeeding generations—and is to that extent multiplied.

Any allotment of the Henry Strong Educational fund must be made year

Any allotment of the Henry Strong Educational fund must be made year after year, and the above five hundred dollars (\$500) is hereby offered for the scholarship year 1912 to 1913 only. It is our intention, however, if this allotment works out satisfactorily to you and to ourselves, to continue it from year to year.

works out satisfactorily to you and to ourselves, to continue it from year to year. If this plan meets your approval, we should be glad to hear from you to that effect as soon as convenient; and we will thereupon forward application blanks which you may use for the purpose of making nominations for sharing in that portion of the fund alloted to your institution. We should be pleased to receive any such nominations as soon as they can conveniently be made, as funds are now available for the ensuing scholastic year.

A number of minor details of administration will have to be worked out, both in the matter of the selection of the beneficiaries, the times and amounts of payment to them of the scholarships awarded them, and some sort of record of the work done by them while receiving such scholarships, which records the trustees of the fund desire to keep. Your suggestions upon these or any other lines are very earnestly invited.

For convenience, your corespondence in this connection should be addressed to Gordon Strong, 209 South State Street, Chicago, Ill.

Very truly yours,

ELLA STRONG DENNISON,

ELLA STRONG DENNISON, MARY STRONG SHELDON, JANET STRONG JAMESON, GORDON STRONG.

## [ENCLOSURE.]

Extracts from Will of

HENRY STRONG, Deceased,

Constituting an Educational Fund.

a separate fund, to be known as 'educational fund,' and that said 'educational fund' shall be held in trust by my said trustee, subject to the provision in regard to the same, hereinafter contained in paragraph seventh of this, my will......

"Paragraph Seventh: In regard to said educational fund, provided for in and by this, my will, I direct that the same shall be held by said trustee upon, and subject to, the following trusts, towit:

"I direct that all of said educational fund shall be held by my said trustee in trust, and applied from time to time to aid the education of worthy and meritorious persons, needing such aid, said persons to receive annually out of said educational fund not more than six hundred dollars (\$600) each, and for no longer time than until they shall respectively become twenty-five (25) years of age, and I direct that the amounts, so to be applied in aid of their education, shall, in the case of minors, be paid over by my said trustee to their legal guardians, or to such other persons, acting for them, as may be appointed by a court or courts of competent jurisdiction, to be applied by such legal guardians, or by such other persons so appointed respectively, to said purpose.

"I direct that no descendant of mine shall ever become a beneficiary under

"I direct that no descendant of mine shall ever become a beneficiary under said educational fund.....

"I further direct that, at any time, and from time to time, a majority of my children then living (and after the death of all my children, then a majority of my adult grandchildren then surviving) shall have the right, subject to the provisions hereinbefore made, to designate in writing to my said trustee the persons to receive aid out of said educational fund, and to determine and state in writing to said trustee the annual sum, not exceeding six hundred dollars (\$600) in amount, to be paid to each of said persons, and for how long a time said annual sum shall be paid to each of said persons, until he or she arrives at the age of twenty-five (25) years.

"I further direct that if for any reason, a majority of my then living children

twenty-five (25) years.

"I further direct that if, for any reason, a majority of my then living children (or after the death of all my children a majority of my adult grandchildren then surviving) shall at any time fail to so designate the persons to receive aid out of said educational fund, or so to determine and state in writing to said trustee the annual sum, not exceeding six hundred dollars (\$600), in amount to be paid to each of said persons, or for how long a time said annual sum shall be so paid to him or her until he or she arrives at the age of twenty-five (25) years, then, and in that case, and also in the further case that all of my children and grandchildren are dead, my said trustee shall select the persons to receive aid from said educational fund, and shall determine the amount (not exceeding six hundred dollars per year) to be paid to each of said persons so selected, and for how long a time, until he or she arrives at the age of twenty-five years, said amount shall be so paid, and shall without unnecessary delay, pay the same, in semi-yearly or quarterly payments, to such beneficiaries. payments, to such beneficiaries.

"I further direct that at least two of the persons who shall be in receipt of aid, in each year, from said educational fund, shall be residents of Walworth County, Wisconsin.

"If further direct that the respective receipts of the legal guardians, or other persons appointed by any court or courts as mentioned in this paragraph seventh of this, my will, for any moneys paid to them respectively by my said trustee, under the provisions hereof, shall effectually and fully discharge my said trustee therefrom, and from being bound to see to the application, or being answerable for the loss or misapplication thereof.

"In case any minor be designated, under the provisions hereof, to receive any aid out of said educational fund, and have no legal guardian to whom moneys can be paid under the provisions hereof, I direct my said trustees to expend, out of said educational fund, such sum, not exceeding fifty dollars (\$50) as may be necessary to procure the appointment of such guardian by any court of competent survividiation. jurisdiction.

"Said trustee shall use and apply, in carrying out the objects of this paragraph seventh of this, my will, the principal of said educational fund, as well as any interest that may accumulate thereon from any temporary investment thereof, which said trustee may have made prior to the application of the same to the objects herein provided.....

"In my original will, bearing date of June 17, 1907, I provide and create an educational fund. I now, by this codocil, will and direct that no part of said educational fund shall be used in obtaining what is called a classical education, said fund being intended to aid the beneficiaries thereof in obtaining a practical, literary, scientific, mechanical, or business education in western or southern State universities, colleges or schools, where the charge for tuition is less than in eastern colleges....." eastern colleges.....

In connection with the foregoing communication from the Trustees of the Henry Strong Educational Fund, President James presented the following statement and recommendation:

In pursuance of the above communication I laid the matter before the University Council of Administration and indicated to the trustees of the fund the willingness expressed by the council to follow the suggestions made in regard to the administration of the fund. The Committee on the Snyder Loan Fund was asked to nominate students to benefit by the above allotment.

The recommendation of the committee, approved by the Council of the University, is that the \$500 be accepted and that the following persons be recommended to the trustees of the Henry Strong educational fund, as persons suitable to receive a grant of \$100 apiece:

H. H. Cochran, Senior—College of Science.

Glenn Christy, Junior—College of Engineering.

Elijah R. Hatowski, Junior—College of Engineering.
Charles W. Bailey, Junior—College of Literature and Arts.
E. A. Williford, Sophomore—College of Engineering.
I recommend that the Trustees of the University of Illinois accept the gift from the trustees of the Henry Strong educational fund, to be administered in accordance with the wishes of the donors, and that they express their cordial appreciation of this action of said trustees.

On motion of Mr. Blair, it was voted to accept the proposed gift of the Trustees of the Henry Strong Educational Fund, to be administered in accordance with the wishes of the donors, and to ask the president of the University to send to the trustees of the fund an expression of the board's hearty appreciation of this benefaction.

#### MEMORIAL TO PRESIDENT GREGORY.

(5) The following statement in regard to a suitable memorial for the first president of the University, Dr. John Milton Gregory:

The Trustees of the University on November 12, 1898, voted to permit the interment of the body of Dr. John Milton Gregory upon the campus, and undertook in the following language to care for the grave in perpetuity:

"And the board will, as soon as practicable, give appropriate treatment to the grounds in that vicinity and will assume the perpetual care of the grave."

Many propositions of a more or less definite character have been made to the Board of Trustees and in the alumni body of the University as to an appropriate action in the premises. The alumni have on one or two occasions appointed committees to interest the former students of the University in the erection of a worthy testimonial in memory of the first president of the University, but up to the present time nothing has come of all this discussion.

I have had an interview with Mrs. Gregory, the widow of Dr. Gregory, and with Mr. Alfred Gregory, the son of Dr. Gregory. The family are very desirous that the grave should be marked in some appropriate way, and they are quite willing to do this at their own expense if the University is not willing to undertake it. It seems to me that the grave should be marked in some appropriate and simple manner by the Trustees of the University at the expense of the University. The great work which Dr. Gregory did for the University of Illinois and for education in this commonwealth and in the commonwealth of Michigan from which he came to us would justify the erection of some noble memorial in the form of an appropriate building upon the campus of the University; and it ought not to be impossible to interest those people who were here as students during Dr. Gregory's administration and the men and women who may still survive who know of his great work and appreciate it.

If the memorial were of a sort to enlist the interest of subsequent generations of students, such as a students' unio

administration.

administration.

I think the same thing would be true of an art building. Dr. Gregory was a man who believed thoroughly in the vital significance of the esthetic element in the education of young people. Largely through his own initiative a sum of money was collected at the very beginning of the University from people who were interested in the same field, mostly in the cities of Urbana and Champaign, with which was purchased what for that era was a very valuable collection of art objects, such as casts of famous statues, pictures, etc. The University after forty years still has the bulk of this collection intact and in a good state of preservation. It has served as an important element in the education of the thousands of students who have attended the University since Dr. Gregory's time. An art building would, therefore, be a very appropriate form of testimonial to the memory of this great president. of this great president.

Mrs. Gregory has expressed hearty sympathy with the idea of the erection of a chapel upon the University grounds, for which the alumni and former students of the University might be asked to contribute, and she has expressed a willingness to make a material subscription herself for this or any other purpose which may

commend itself to her.

On motion of Mr. Hatch, it was voted that the Board of Trustees will undertake to mark the grave of Dr. Gregory in some simple and appropri-

On motion of Mr. Blair, it was voted, further, that the president of the University be authorized to consider with the committee of the alumni, or with others interested in the matter, the possibility of erecting a suitable building on the campus as a memorial of the first president of the University.

#### PROVISION FOR THE COMPTROLLERSHIP.

(6) The following statement outlining a plan for providing for the vacant position of comptroller:

The University needs very much at present additional assistance in the work of instruction in the field of accounting. It has seemed to me therefore that a good arrangement might possibly be made by which a professor of accounting could be obtained, to whom in addition might be assigned the duties of the

comptroller as they may be defined from time to time by the Board of Trustees. If this general idea commands the approval of the board, I would ask for authority to nominate a professor of accounting with the purpose of combining the two offices of professor of accounting and comptroller of the University in case a suitable candidate can be found.

On motion of Mr. Grout, it was voted to approve the general plan outlined above, and to authorize the president of the University to look for a suitable candidate for a professorship in accounting, to whom may be assigned the duties of the comptroller as they may be defined from time to time by the Board of Trustees.

#### STOCK OF THE COLLEGE OF P. AND S.: DONATIONS AND OPTIONS.

(7) A statement from Dr. D. A. K. Steele, President of the corporation of the College of Physicians and Surgeons of Chicago, giving a report of progress from the committee which has undertaken to secure donations of the capital stock of the said corporation for presentation to the University of Illinois and options on those portions of the stock of which donations cannot be secured, as follows:

Stock given outright and now in the possession of Dr. Steele as trustee ready to be handed over to the University of Illinois	3nare 1,359 51	3/5
Total donations, in hand and promised	601	-,-
Total options, in hand and promisedStock on which options have been requested but not yet received	654 105	2/5
Total issue of stock	2,170	

#### VOTE OF THANKS TO MR. ANTHONY.

A vote of thanks was rendered to Mr. Anthony for the enjoyable luncheon at which the members of the board had just been entertained.

## EXTENSION OF TIME ON SCHOOL OF COMMERCE BUILDING.

The secretary presented a request from Mr. A. W. Stoolman, contractor for the School of Commerce Building, that the time for the final completion of this building should be extended from September 1, 1912, to November 27, 1912, the latter being the date originally provided for in the contract; the reason given for this request being that as a result of the unusually cold winter and wet spring the substitution of tile arches for reinforced concrete did not expedite matters as was expected when the change was made. (See minutes of December 12, 1911, Report, 1912, p. 536).

It was voted to grant this request of Mr. Stoolman's.

## BOND FOR ORDNANCE AND ORDNANCE STORES.

On motion of Mr. Blair, the following resolution was passed:

Resolved. That William L. Abbott, President of the Board of Trustees of the University of Illinois, and Charles M. McConn, Secretary of the said board, be, and they hereby are, authorized to execute, for and in the name of the University of Illinois, a bond, in the penal amount of eighty thousand dollars (\$80,000), in the form required by the War Department, to cover the safekeeping and return when required by the Secretary of War, of certain ordnance and ordnance stores already issued, about to be issued, and such as may be issued in the future; the aggregate value of all such issues not to exceed the sum of forty thousand dollars (\$40,000).

# ASSIGNMENT OF FUNDS FOR STUDENT ASSISTANCE IN INDUSTRIAL CHEMISTRY.

President James reported that he had assigned the sum of twenty-five dollars (\$25) a month, for the period of nine months beginning October 1, 1912, for the employment of student assistance in connection with the work on industrial chemistry; this sum to be taken from the amount appropriated in the budget of July 5, 1912, for the salary of Dr. R. H. Jesse, Jr., resigned. On motion of Mr. Evans, this assignment was approved.

## AUDITOR'S REPORT.

Mr. Grout, as chairman of the Finance Committee, presented a report from the Audit Company of Illinois of an audit of the books and records of account of the University for the quarter ended June 29, 1912, which was received for record.

#### THE AUDIT COMPANY OF ILLINOIS.

#### HARRIS TRUST BUILDING,

#### CHICAGO.

August 24, 1912.

\$736,344 05

Mr. A. P. Grout, Chairman, Finance Committee, University of Illinois, Winchester, Ill.  Dear Sir: We have made our regular quarterly audit of the books and records of account of the University of Illinois for the fourth quarter, ended June 29, 1912, of the fiscal year, and submit herewith our report thereon, together with the appended exhibits and schedules, showing the receipts and disbursements in detail:  We reconciled the chief clerk's cash account on the morning of August 5, 1912, proved the cash book footings from May 6, 1912, to August 5, 1912, verified the cash in the office by count and examined and proved the footings of the approved and receipted vouchers in process of entry. The First National Bank of Champaign, Ill., gave us a letter certifying as to the cash on deposit at August 5, 1912: amount being \$11,626.50:
1912; amount being \$11,626.50:  Balance on hand May 6, 1912. \$ 16,876 88 Receipts from various sources. \$ 341,849 63
Disbursements and remittances to treasurer
Balance on hand August 5, 1912
Made up of—       \$ 890 00         Currency       65 76         Coin       65 76         First National Bank balance       11,626 50
Total cash       \$12,582       26         Checks for deposit       150       90         Vouchers in process of entry       1,430       18         Express (bills)       131       52         Freight (bills)       434       43
Total \$14,729 29  Less—Class of 1895 fund \$1 78 Students' deposits 190 00  191 78
Balance as above\$14,537 51
In the cash statement following, we present in total the general cash transactions for the fourth quarter, as represented by the cash book and warrant register, beginning with the general cash balance as at March 31, 1912:
Treasurer's balance         \$195,433 47           Chief clerk's balance         18,303 83
Cash receipts—(Exhibit "A")
Cash disbursements—(Exhibit "B"). \$1,120,671 35 513,182 54 \$607,488 81  Made up of— Treasurer's balance \$593,955 89
\$607,488 81
Made up of—       \$593,955 89         Treasurer's balance       \$593,955 89         Chief clerk's balance       13,532 92

We compared all warrants paid during the quarter with the treasurer's record. We also obtained a certificate from the State Bank of Chicago, Ill., certifying to the balance of cash on deposit to the credit of the treasurer at the close of business June 29, 1912, as being \$736,344.05.

The following is a reconcilement of the treasurer's account with the books of the University on June 29, 1912:

Treasurer's balance per University books. \$593,955 89

\*\*Add—Unpaid warrants—(Schedule "9"). 142,388 16

Made up of— General fund College of Medicine fund United States Agricultural Experiment Station fund. School of Pharmacy fund	14,863 4,524	$\frac{02}{27}$
Balance as above		05
The board adjourned.	•	
C. M. McConn, Secretary.	President	•

# Meeting of December 10, 1912.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University in Urbana, on Tuesday, December 10, 1912, beginning at 10:00 A.M.

The following members were present: Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore. President James was also present.

Mrs. Ellen M. Henrotin and Mr. John R. Trevett, newly elected members of the board, whose term of office begins next March, were present by invitation and sat with the board during the day.

In the absence of President Abbott, upon motion of Mrs. Bahrenburg, Mr. Grout was elected chairman of the meeting.

The secretary of the board being absent on other University business, Mr. H. E. Cunningham, Assistant Registrar, acted as secretary pro tempore.

# NEEDS OF DEPARTMENTS PRESENTED.

The regular order of business was suspended, and President James presented a number of members of the faculty, who spoke to the board of the needs of their respective departments for maintenance and extension for two years to come.

Dean Davenport spoke for the College of Agriculture and presented also Messrs. Mann, Tanner, Rowe, and Ammann, members of the College Advisory Boards, who represented respectively the sections of Soils, Horticulture, Farm Crops, and Floriculture.

Dean Goss spoke for the College of Engineering and the Engineering Experiment Station.

At this point President James presented Messrs. Burres, Williamson, and Meeker, members-elect of the Forty-eighth General Assembly, who made cordial expression of their good will toward the University.

Professor Hollister, High School Visitor, presented the needs of the work of inspection of high schools.

At 12:30 P.M. a recess was taken for luncheon.

#### AFTERNOON SESSION.

# FURTHER PRESENTATION OF NEEDS OF DEPARTMENTS.

When the board convened again after luncheon, the same members were present as at the morning session, and the hearing of the needs of the departments was resumed.

Dean Townsend spoke for the College of Science, and presented also Professors Noyes, Hottes, Ward, and Frank Smith, who spoke respectively of the needs of the Departments of Chemistry, Botany, and Zoölogy, and the Museum of Natural History. Professor Stock spoke for the work in Mining Engineering and the Mine Rescue Station; Dean Daniels for the College of Literature and Arts; Professor Bagley for the School of Education; Librarian Windsor and Professors Ford, Carman, and Oldfather for the Library; and Professors Pease and Brooks for the Museums of Classical Art and Archaeology and European Culture, respectively.

At this point Messrs. Hatch and Moore withdrew.

Dean Harker presented the needs of the College of Law, and also made an informal report of the status of the suit against the estate of John R. Walsh to recover rent due on a part of the premises of the School of Pharmacy on a lease to Dr. L. Blake Baldwin for five years from May 1, 1904, which was guaranteed by Mr. Walsh.

The board adjourned at 6:15 P.M.

W. L. Abbott, President.

H. E. CUNNINGHAM, Secretary pro tempore.

# Meeting of December 19, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel in the city of Chicago, beginning at 12:00 m., on Thursday, December 19, 1912, pursuant to the following notice which was sent out by the secretary on December 12, 1912:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel in the city of Chicago, on Thursday, December 19, 1912, beginning at 12:00 M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened the following members were present: Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore. President James was present.

#### MINUTES APPROVED.

The secretary presented the minutes of the meetings of September 10, 1912 (with the adjourned session of September 19, 1912), October 8, 1912, and December 10, 1912, which, on motion of Mrs. Evans, were approved.

### REPORTS OF THE EXECUTIVE COMMITTEE.

The secretary presented the minutes of the meeting of the Executive Committee held on October 8, 1912, pp. 122-128), and of the meetings of the Executive Committee held on November 15, 1912, and November 30, 1912; all of which minutes were received for record.

# EXECUTIVE COMMITTEE MEETING OF NOVEMBER 15, 1912.

November 15, 1912.

To the Board of Trustees of the University of Illinois:

Your Executive Committee held a meeting at the University on Friday, November 15, 1912, at 2:00 p.m. All the members of the committee were present, namely: Messrs. Abbott, Grout, and Hatch; also, Mrs. Bahrenburg, Mrs. Busey, Mr. Hoit, and Mr. Moore.

#### TREASURER'S REPORT.

The secretary presented the report of Mr. H. A. Haugan, Treasurer, for the quarter ended September 30, 1912, which was received for record.

#### TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS SEPTEMBER 30, 1912.

1912.		Dr.		
June	30.	Balance per last statement	\$736.344	05
July	1.	Received from State Bank of Chicago six months' interest	. ,	
		to July 1, 1912, on \$4,000, bond of College of Physicians		
		and Surgeons, for credit of College of Medicine fund	120	00
	1.	Received from D. A. K. Steele, Actuary, for credit of		
		College of Medicine fund	3,258	65
	1.	Received from D. A. K. Steele, Actuary, for credit of		
		College of Medicine fund	314	55
	3.	Received from State Auditor, for credit of general fund	65,000	00

# TREASURER'S REPORT-Concluded.

1912	)	D <sub>R</sub> .			
		Received from the treasurer of the United States	, for	20 20	
		credit of Agricultural Experiment Station fund		\$ 2,500	00
	27.	Received from W. B. Day, Actuary, for credit of S	cnoor	120	00
	31.	of Pharmacy fund	chool	140	00
		of Pharmacy fund		5	00
Aug.	3.	Received from O. E. Staples, Chief Clerk, for cred	lit of	7,000	00
	3.	general fund	ind	418,057	
	10.	Received from W R Day Actuary for credit of S	School		
	9.0	of Pharmacy fund Received from W. B. Day, Actuary, for credit of S		113	00
	29.	of Pharmacy fund	3011001	185	88
,	31.	of Pharmacy fund Received from W. B. Day, Actuary, for credit of S of Pharmacy fund	chool	. 100	00
~ .	_	of Pharmacy fund		. 35	00
Sept.	5.	of Pharmacy fund	cnool	150	00
	10.	of Pharmacy fund	chool	100	00
	4.2	of Pharmacy fund		195	00
*	11.	of Agricultural Experiment Station fund	creait	5.000	00
	11.	Received from W. B. Day, Actuary, for credit of S	chool		00
		of Pharmacy fund Received from W. B. Day, Actuary, for credit of S		275	00
	13.	Received from W. B. Day, Actuary, for credit of S	cnool	500	nn
1 - 1 -	14.	of Pharmacy fund	lit of		00
		general fund	<u>.</u>	525	00
	16.	general fund Staples, Chief Clerk, for cred general fund	lit of	10,000	00
	16.	Received from W. B. Day. Actuary, for credit of S	chool	10,000	:
	••	of Pharmacy fund		2,540	00
1	17.	of Pharmacy fund	school	0.015	0.0
	18.	Received from W B Day Actuary for credit of S	School	2,010	00
		of Pharmacy fund	, ,	1,544	66
	19.	of Pharmacy fund	school	1 050	0.0
	20.	of Pharmacy fund	 School	1,050	00
	20.	of Pharmacy fund		375	00
	21.	of Pharmacy fund	school		
	23:	of Pharmacy fund	it of	335	00
	20.	general fund		20,000	00
	23.	general fund Received from W. B. Day, Actuary, for credit of S	school		
	27.	Of Pharmacy fund	dit of	255	00
	41.	of Pharmacy fund Received from O. E. Staples, Chief Clerk, for cree general fund		21,000	00
	27.	general fund Received from W. B. Day, Actuary, for credit of s of Pharmacy fund Received from O. E. Staples, Chief Clerk, for cred	<b>3cho</b> ol		
	30.	Of Pharmacy fund	it of	190	00
		general fund		23,615	15
	30.	general fund	school	1	
		of Pharmacy fund	• • • • •	260	00
		the state of the s	et 5	\$1,323,178	90
		<b>~</b> .			
Sept.	20	CR. By amount paid out of general fund, as per	41		
БСРС	<b>5</b> 0.	By amount paid out of general rund, as per list of warrants herewith	25 14		
~ :		By amount paid out of College of Medicine		er gersel	
		Ry amount paid out of School of Pharmacy	68 00		
		fund, as per list of warrants herewith 3.2	74 83	1	
		By amount paid out of Agricultural Experiment		1 18 1	
			10 16		
		1,0	10 10	, - \$578,978	13
Balar	ices-	<del>-</del>	1 2		
Ģ	enera	al fund	/UU 34	;	
ŝ	chool	of Pharmacy fund	98 10	5	
Ã	gricu	ultural Experiment Station fund	14 11		4.2
•				- 744,200	77
				\$1,323,178	90
		D		,,	

Respectfully submitted,
HENRY A. HAUGAN, Treasurer.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY,

The secretary also presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 8, 1912:

Brooks, Alice D., Graduate Assistant in Zoölogy, for eight months beginning November 1, 1912, at a salary of thirty dollars (\$30) a month, vice Margaret Taggart, resigned. (October 26, 1912.)

Burns, Cyril, Assistant Stenographer in the Office of the Dean of the College of Law, on part time, to be paid at the rate of twenty-five cents (25c) an hour for such time as he may be employed. (October 24, 1912.)

Cowley, Frederick K., Instructor in Architecture, at a salary of one hundred twenty dollars (\$120) a month, beginning October 1, 1912, and continuing until further notice or until June 30, 1913. (October 11, 1912.)

Darrah, Juanita E., Student Assistant in Chemistry, for nine months beginning October 1, 1912, at a salary of ten dollars (\$10) a month, vice A. J. Becker, resigned. (October 15, 1912.)

resigned. (October 19, 1912.)

Ermeling, L. B.,, Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Fieg, Robert L., Laboratory Helper in the Department of Botany, for nine months beginning October 1, 1912, at a salary of fifty dollars (\$50) a month. (October 5, 1912.)

Foss, Margaret C., Stenographer in the College of Agriculture, at a salary of forty dollars (\$40) a month, beginning November 1, 1912, and continuing until further notice; this appointment superseding a previous appointment in the same capacity at a salary of thirty-two and 50-100 dollars (\$32.50) a month. (October 17, 1912.)

17, 1912.)

Garwood, Frances G., Stenographer in the Department of English, at a salary of ten dollars (\$10) a week, beginning Cctober 1, 1912, and continuing until further notice or until June 30, 1913. (October 25, 1912.)

Goodman, F. M., Professor of Materia Medica and Botany in the School of Pharmacy, for the academic year 1912-13, at a salary of twelve hundred dollars (\$1,200) for the year. (October 11, 1912.)

Hamilton, Alice V., Student Record Keeper in the College of Agriculture, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month. (September 26, 1912.)

Hohman, H. C., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Honovski, B. R., Assistant in Chemistry, at a salary of sixty dollars (\$60)

monthly instalments beginning February 1, 1913. (October 21, 1912.)

Honovski, B. R., Assistant in Chemistry, at a salary of sixty dollars (\$60) a month, beginning October 14, 1912, and continuing until further notice or until June 30, 1913. (October 15, 1912.)

Horrell, C. R., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Kohout, J. F., Student Assistant in Chemistry, for eight months beginning November 1, 1912, at a salary of ten dollars (\$10) a month. (November 8, 1912.)

Leslie, E. H., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Miller, Wilhelm, Assistant Professor of Landscape Horticulture, at a salary of three thousand dollars (\$3,000) per annum, beginning as soon as he reports for service and continuing until August 31, 1915. (October 21, 1912.)

Moore, O. H., Instructor in Romance Languages, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month. (September 24, 1912.)

Peaslee, Horace Whittier, Instructor in Landscape Design, for four months beginning November 1, 1912, at a salary of two hundred dollars (\$200) a month. (November 8, 1912.)

Postlewait, Hariet L., Clerk in the Department of Mechanical Engineering, for ten months beginning November 1, 1912, at a salary of fifty dollars (\$50) a month, vice Ilah B. Chandler, resigned. (November 1, 1912.)

a month, vice Ilah B. Chandler, resigned. (November 1, 1912.)

Reiff, P. R., Research Assistant on the Illinois Survey, on half time, at a salary of fifty dollars (\$50) a month, beginning October 28, 1912, and continuing until further notice. (October 25, 1912.)

Renz, Myrtle A., General Assistant in the Library, for ten months beginning October 9, 1912, at a salary of sixty-five dollars (\$65) a month, vice Margaret Herdman, resigned. (October 12, 1912.)

Rodgers, Della M., transferred from the position of Stenographer in the Office of the College of Science to that of Stenographer in the Department of Physics, at a salary of forty dollars (\$40) a month, for ten months beginning November 1, 1912. (November 5, 1912.)

Taylor, S. C., Student Assistant in Chemistry, at a salary of twenty-five dollars (\$25) a month, beginning November 1, 1912, and continuing until June 30, 1913; this appointment superseding a previous appointment in the same capacity at a salary of \$10 a month. (November 1, 1912.)

Thompson, H. C., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Wright, Albert B., Research Assistant to the Dean of the Graduate School, at a salary of fifty dollars (\$50) a month, beginning October 1, 1912, and continuing until June 30, 1913. (November 6, 1912.)

The committee adjourned.

W. L. Abbott, Chairman.

C. M. McConn, Clerk.

## EXECUTIVE COMMITTEE MEETING OF NOVEMBER 30, 1912.

On call of President Abbott, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in Chicago, on Saturday, November 30, 1912, beginning at 12 m.

Messrs. Abbott and Hatch, members of the committee, were present.

The third member of the committee, Mr. Grout, was absent.

## MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.

President James was not present, but sent the following matters for the consideration of the committee:

# APPROPRIATION FOR FURNISHING OF ADDITION TO WOMAN'S BUILDING.

(1) A recommendation that the supervising architect be authorized to proceed with the furnishing of the addition to the Woman's Building, within the limits set by the fund previously assigned by the board for this purpose (Report, 1912, p. 534), after consultation with the parties representing the several interests to be provided for in this building; and a further recommendation that a corresponding appropriation be made.

These recommendations were approved.

#### APPROPRIATION FOR FURNISHING OF COMMERCE BUILDING.

(2) A recommendation that the supervising architect be authorized to proceed with the furnishing of the Commerce Building, within the limits set by the fund already assigned by the board for this purpose (Report, 1912, p. 534), after consultation with the parties representing all interests to be provided for in this building; and a further recommendation that a corresponding appropriation be made.

These recommendations were approved.

#### IMPORT ORDER FOR DEPARTMENT OF CHEMISTRY.

(3) A request from Professor W. A. Noyes, Director of the Chemical Laboratory, for permission to place an order for the importation of chemicals and apparatus for the University for the academic year 1913-14, to an amount not exceeding ten thousand dollars (\$10,000); this request being made at this time for the reason that the order should be placed several months in advance of the time when the material is to be used in order to have the material on hand.

It was voted to approve this request.

#### PROCEEDS OF SALE OF HOUSES APPROPRIATED.

(4) A communication from Dr. W. F. M. Goss, Dean of the College of Engineering, asking that the sum of twelve hundred dollars (\$1,200) realized from the sale of houses on the property bought for the location of the Transportation Building, be transferred to the general building fund account of the College of Engineering, to be used in connection with the development of the locomotive laboratory, and that the same amount be appropriated for such use.

It was voted to approve this request.

#### BUREAU OF INFORMATION AND GENERAL UNIVERSITY OFFICE.

(5) A recommendation that authority be given to the President of the University to organize a Bureau of Information and General University Office, and that the room in the northeast corner of the basement of the Law Building, a portion of the corridor next south, and the room next south of the corridor be assigned for this purpose.

This recommendation was approved.

# ASSISGNMENT OF ROOMS TO STUDENT ORGANIZATIONS.

(6) A recommendation that the Council of Administration be given authority to assign rooms from time to time, as the demands of the University may permit, to student organizations for terms not longer than one year on such conditions as the council may establish.

This recommendation was approved. The Executive Committee adjourned.

W. L. ABBOTT, FRED L. HATCH, Executive Committee.

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 5, 1912:

Burton, Samuel C., Instructor in Architecture, at a salary of one hundred twenty dollars (\$120) a month, beginning November 12, 1912, and continuing until June 30, 1913. (December 2, 1912.)

Carson, H. Y., Assistant in Architectural Engineering, on half time, and Assistant in the Office of the Supervising Architect, on half time, beginning December 1, 1912, and continuing until further notice or until June 30, 1913, at a total salary for the two positions of one hundred twenty-five dollars (\$125) a month. (November 27, 1912.)

Ebersol, E. T., Graduate Assistant in Chemistry, beginning December 7, 1912, and continuing until June 30, 1913, at a salary of thirty dollars (\$30) a month. (December 9, 1912.)

Frazier, Mollie, Stenographer in the Department of Zoölogy, on two-thirds time, at a salary of thirty-three and 33-100 dollars (\$33.33) a month, beginning November 1, 1912, and continuing until further notice or until June 30, 1913. (November 30, 1912.)

Manley, Verna A., Temporary Stenographer in the Office of Professor E. W. Washburn, for one month beginning December 4, 1912, to be paid at the rate of 30 cents an hour, the total compensation for the period named not to exceed the control of the period named not to exceed the period named named not to exceed the period named named not to exceed the period named named named named named named named named named name twenty dollars (\$20). (December 14, 1912.)

Munn Margaret M., Stenographer in the Department of Mining Engineering (on the work of the Cooperative Investigation of Illinois Coal Problems), at a salary of fifty dollars (\$50) a month, beginning when she reports for duty and continuing until further notice or until August 31, 1913. (November 12, 1912.)

Radcliffe, Barney S., Assistant in Ceramics, for ten months beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (November 27, 1912)

1912.)

Ricketts, Clara Agnes, Order Assistant in the Library, at a salary of sixty dollars (\$60) a month, beginning November 9, 1912, and continuing until August 31, 1913. (November 9, 1912.)

White, Lida E., Catalog Typist in the Library, for ten months beginning November 1, 1912, at a salary of fifty dollars (\$50) a month. (November 9, 1912.)

Yensen, Trygve D. (formerly Assistant in the Engineering Experiment Station at a salary of one hundred dollars a month), Assistant in the Engineering Experiment Station and Administrative Assistant to the Director of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, beginning November 1, 1912, and continuing until further notice or until August 31, 1913. (November 27, 1912.)

#### FLORICULTURAL GREENHOUSES: CONTRACT FOR CONCRETE WORK LET.

The secretary presented the following letter from Professor James M. White, Supervising Architect, reporting that, under the authority given by him on June 13, 1912 (pp. 101-102), he had let the contract for the foundations and other concrete work for the floricultural greenhouses to Mr. C. J. Welch, for the sum of two thousand fifty-six and fifty-three one-hundredths dollars (\$2,056.53). This letter was received for record.

URBANA, ILL., December 11, 1912.

Mr. C. M. McConn, Secretary of the Board of Trustees.

DEAR SIR: I wish you would record in the minutes of the board the fact that the contract for foundations and other concrete work for the floriculture green-houses has been let to Mr. C. J. Welch, contractor for similar work on the vegetable and plant breeding greenhouse, for the sum of two thousand fifty-six and 53-100 dollars (\$2,056.53).

This contract was let to Mr. Welch without competition on the same unit price for which the vegetable and plant breeding work was executed, first, because

his bid on the other work was 20 per cent less than that of the next lowest bidder, and, second, because, his equipment and men being on the ground, he could push the work to better advantage.

Yours truly, JAMES M. WHITE, Supervising Architect. By L. J. TOWNE.

# BOND FOR MILITARY SUPPLIES.

The secretary reported the receipt of a letter from Captain W. F. Ramsey of the Ordnance Department, United States Army, stating that the bond for ordnance and ordnance stores to be furnished by a bonding company, authorized by the board on October 8, 1912 (p. 133; see also Report of 1912, p. 104), has been approved by the Judge Advocate General of the Army; and that the former bond guaranteed by individual sureties, which was authorized by the board on March 20, 1911 (Report, 1912, p. 104), had been marked satisfied, and the liability thereunder terminated

# REGISTRATION NOVEMBER 1, 1912.

The secretary presented the following report showing the registration in the University on November 1, 1912, with the figures for the corresponding departments on November 1, 1911, for comparison. This report was received for record.

#### REGISTRATION, NOVEMBER 1, 1912.

		en.	Wom		To	
Colleges and Schools.  Literature and Arts	470	1912. 445 357	1911. 421 69	433 76	891 373	1912. 878 433
Total Liberal Arts Engineering Agriculture Music	1,226	802 1,158 726 5	490 2 90 70	509 1 86 74	1,264 1,228 731 75	1,311 1,159 812 79
Total Undergraduates Law Library Science	118	2,691 122 1	652	670	3,298 118 39	3,361 122 33
Total Undergraduate and Professional Schools in UrbanaGraduate School	2,756	2,814 209	690	702 47	3,455 255	3,516 256
Total in Urbana November 1 Summer session Deduct duplicates	417	3,023 430 222	736 230 69	749 210 51	3,710 647 288	3,772 $640$ $273$
Net, summer session	198	208	161	159	359	367
Total to date in Urbana		$\begin{array}{r} 3,231 \\ 173 \end{array}$	897	908	4,069	$\frac{1}{4,139}$
Total	3,366	3,404	901	911	4,267	4,315

The figures given above include 30 students who remained through ten days of instruction and are, therefore, under our established practice, counted in the enrollment for the year, but who withdrew before November 1. These 30 students are distributed as follows: College of Literature and Arts, men, 3; women, 4; College of Science, men, 3; College of Engineering, men, 10; College of Agriculture, men, 9; College of Law, men, 1. The total number of students in attendance in the colleges and schools at Urbana on November 1, 1912, was, therefore, 3,742, of whom 2,997 were men, and 745 women.

# PERCENTAGE OF STUDENTS WHO RETURN.

The secretary presented also the following table, of the date of November 30, 1912, showing the number and percentage of undergraduates regis-

tered for the academic year 1911-12 who returned in the fall of 1912. This table was received to be printed.

PERCENTAGE OF UNDERGRADUATES REGISTERED 1911-1912 WHO RETURNED FOR 1912-1913.

(November 30, 1912.)

Colleges.	Total 1911-12.	Grad- uated 1912.	Remain- der.	Old students returned.	Per cent returned.	New students.	Total to Nov. 30, 1912.
Literature and Arts	393 1,290 818	164 64 195 68 2 26	745 329 1,095 750 80 96	501 256 661 485 47 84	.672 .778 .603 .646 .587	379 178 500 332 33 38*	880 434 1,161 817 80 122
Total	3,614	519	3,095	2,034	.657	1,460	3,494

<sup>\*</sup> Includes 18 who were registered in other undergraduate colleges in 1911-12 to meet the entrance quirement (one year of collegiate work) of the College of Law.

# REPORT OF AUDITING COMPANY.

Mr. Grout, as Chairman of the Finance Committee, presented a report from the United States Audit Company of an examination of the books and accounts of the University for the quarter ended September 30, 1912; accompanied by a statement from Mr. Lloyd Morey, bookkeeper, that the difference in voucher No. 19166 referred to in the introductory letter of the report (see below), and also the difference in the amount of the School of Pharmacy fund, have been adjusted with the treasurer. On motion of Mrs. Bahrenburg, this report was received to be filed, the introductory letter to be printed in the minutes.

510, 72 W. Adams Street, Chicago November 23, 1912.

Mr. A. P. Grout, Chairman Finance Committee, University of Illinois, Winchester, Ill.

DEAR SIR: Agreeably to your request, we have made a quarterly audit of the books and records of account of the University of Illinois for the first quarter, ended September 30, 1912, of the fiscal year, and beg to submit herewith our report thereon, showing the receipts and disbursements in detail.

We reconciled the chief clerk's cash account on the morning of October 23, 1912, proved the cash book footings from August 5, 1912, to October 23, 1912, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry. The First National Bank of Champaign, Illinois, gave us a letter, certifying as to the cash on deposit at October 23, 1912, amount being \$11,067.39.

Summarized, the chief clerk's cash account is as follows:

•	=
Made up as follows— Currency Coin First National Bank balance. Checks for deposit	$\begin{array}{c} 25 & 94 \\ 11,067 & 39 \end{array}$
Total cash  Vouchers in process of entry  Vouchers paid for stamps  Vouchers paid for labor  Vouchers paid for telegrams  Vouchers paid for express	\$12,567 83 141 81 235 74 252 34 53 34

\$13,357 59

In the cash statement following, we present in total the general cash transactions for the first quarter, as presented by the cash book and warrant register, beginning with the general cash balance as of June 29, 1912:
Treasurer's balance         \$593,955         89           Chief clerk's balance         13,532         92
Add—Cash receipts (Exhibit "A")       \$607,488 81 588,590 48
Deduct—Cash disbursements (Exhibit "B")       \$1,196,079 29 557,068 57
#639,010 72  Made up as follows—
Treasurer's balance \$623,722 17 Chief clerk's balance 15,288 55
We compared all warrants paid during the quarter with the treasurer's record, and found that Voucher No. 19166, amount \$175.06, was paid with Warrant No. 19166, amount \$176.06.
Paid Warrant No. 1506 for \$352.75 to order of Watson-Stillman & Co. was missing, and was evidently lost, as we examined the receipted voucher.
We also obtained a certification from the State Bank of Chicago, certifying to the balance of cash on deposit to the credit of the treasurer at the close of business September 30, 1912, as being \$744,200.77.
We proved the footings of the warrant register, summer session fee book, verified all postings to the general ledger, and checked the summer session receipts with the fee book; and examined the receipted bills and compared them with all the vouchers.
The following is a reconciliation of the treasurer's account with the books of the University as at September 30, 1912:
Treasurer's balance per University books.         \$623,722 17           Add—Unpaid warrants (Schedule "5").         120,479 60
\$744,201 77
Made up as follows (Schedule "6")—       \$722,000 34         General fund       4,882 22         United States Agricultural Experiment Station fund School of Pharmacy fund       4,714 11         Difference       1 00         \$744,201 77
We are pleased to report favorably on the accuracy of the clerical work.
Yours very truly,  Supervised by: W. B. FLERSHAM, Certified Public Accountant.  Yours very truly, UNITED STATES AUDIT Co., HENRY L. HERTZ, President.

# RESOLUTIONS IN REGARD TO DR. BURRILL AND DR. SHATTUCK.

At the request of Mr. Blair, the secretary presented the following resolutions, expressive of the board's appreciation of the services of Dr. T. J. Burrill and Dr. S. W. Shattuck; these resolutions having been drafted by the special committee authorized by an action of the board on September 19, 1912 (p. 121), and consisting of Messrs. Blair and Hatch. The resolutions were unanimously adopted.

In accepting the resignation of Dr. T. J. Burrill and Dr. Samuel W. Shattuck, the Board of Trustees desire to place on record a formal statement. Never in the history of the institution has the Board of Trustees been called upon to accept the resignation of two men whose lives have been so intermingled with the history and growth of the University.

The large intelligence and sympathy of Dr. Burrill exerted a great influence upon the University in the days of early struggle. He has contributed to its spiritual and intellectual life more than can here be set down.

Dr. Shattuck, as the comptroller of the revenues of the University, has occupied a most important place in its growth. To his sound judgment and sterling character the University owes much of its splendid record in making the funds appropriated by the State create its splendid equipment. The history of the University of Illinois could not be well written unless it contained the history of these men.

The large satisfaction which comes from a noble work nobly done must be their best reward. The Trustees of this University wish to express their appreciation of the great services and sacrifices of these two men to the University.

#### PURCHASE OF CONKLE PROPERTY.

The secretary presented the following communication from President Abbott with reference to the price paid for the Conkle estate, purchased as part of the site for the new engineering buildings:

July 27, 1912.

Board of Trustees, University of Illinois, Urbana, Ill.

GENTLEMEN: At a master's sale held in Urbana on June 25, Judge Harker, the counsel of the Board of Trustees, acting under instruction from the President of the Board, bid off the Conkle property at \$10,800.

On August 1, 1911, the Executive Committee approved the purchase of this property at a price of \$10,550 [Report, 1912, p. 470]. Approval is now asked of the action of the counsel of the board in bidding \$10,800 for the same property. Very truly yours, W. L. Abbott.

The action of the counsel of the board reported in the foregoing communication from President Abbott was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

#### RELEASE OF HELLER MORTGAGE.

The secretary presented certain correspondence between President Abbott and Mr. G. W. Charles, of Urbana, relating to a mortgage to the University of Illinois standing recorded in the books of the county clerk of Champaign County against Mr. Joshua Heller, of Urbana; the said mortgage having been given to secure certain sums of rent overdue on land rented by Mr. Heller from the Illinois Industrial University in the years 1867 to 1870. The secretary presented also a communication from Mr. O. E. Staples, Chief Clerk, stating that the business office has no record of any claim of the University against Mr. Heller, and that Professor Shattuck is of the opinion that the mortgage must have been paid in full, as claimed by Mr. Charles in Mr. Heller's behalf. Accordingly, with the approval of Dean Harker, legal counsel of the University, and President James, the following resolution was submitted for adoption, and was adopted:

Resolved, That Oren E. Staples, Chief Clerk of the University of Illinois, successor to the Illinois Industrial University, be authorized to execute a release of the mortgage of Sarah Heller and Joshua Heller to the Illinois Industrial University, appearing of record under date of May 17, 1870, on page 257 of Book S, in the recorder's office of Champaign County, State of Illinois.

# MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### GIFT FOR THE LOCOMOTIVE TESTING LABORATORY.

(1) The following report of a gift made to the University:

The Midvale Steel Company of Philadelphia, Pa., represented by Mr. H. M.

Deemer, has presented to the University four axles and four pairs of supporting wheels for the new Locomotive Testing Laboratory. These axles and wheels are of heat-treated steel of unusually high grade. They were made by the Midvale Steel Company from the design of Professor Edward C. Schmidt. The contract price was \$2,700. The shipment of the material was accompanied by a receipted bill in duplicate and a letter saying, "We shall deem it a favor that you accept this material with our compliments and good wishes for the experiments which you are conducting. We take pleasure in enclosing under another cover a duplicate bill receipted in full in settlement of the account."

On motion of Mr. Blair it was voted to accept this donation from the

On motion of Mr. Blair, it was voted to accept this donation from the Midvale Steel Company, and to authorize the president of the University to extend the thanks of the Board of Trustees to the company.

# APPOINTMENT OF PROFESSOR HARDING.

(2) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that Dr. Harry Alexis Harding be appointed head of the Department of Dairy Husbandry, with the title of Professor of Dairy Bacteriology in the College of Agriculture and Chief in Dairy Bacteriology in the Agricultural Experi-

ment Station, at a salary of five thousand dollars (\$5,000) per annum, work and salary to date from the time when he reports for service; which it is expected will be some time during the month of April, 1913.

This recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

#### DEPOSIT FOR PRINTING OF DOCTORS' THESES.

- (3) A recommendation from the Executive Faculty of the Graduate School that the following new regulations be adopted with reference to the deposit of a bond or cash to guarantee the printing of doctors' theses:
- 1. The doctor's thesis must be printed, and one hundred copies deposited in the Library of the University, not later than the first of June preceding the conferring of the degree. If it is not printed by the first of June, the student must deposit seventy-five dollars (\$75) or a bond for that amount satisfactory to the Comptroller of the University and the Dean of the Graduate School. If a bond is accepted, it must be replaced at the end of one year with a cash deposit. At the end of two years, if the thesis has not then been printed by the student, the University will print such part of it as it deems best, using for the purpose the cash deposit made by the student.
- 2. The cash deposit made by a student who does not print his thesis by the end of the second year after his degree is conferred becomes the property of the University, to be used for the general purpose of printing theses, and all graduate students who receive their degrees must agree at the time when the deposit is made that the University shall become owner of this deposit for this purpose.
- 3. This rule shall go into effect at the opening of the University year, September 1, 1912.

On motion of Mr. Blair, the foregoing regulations were approved as recommended.

#### APPOINTMENT TO THE BOARD OF EXAMINERS IN ACCOUNTANCY.

(4) A recommendation from the University Committee on Accountancy that Mr. Marquis Eaton of the firm of Defrees, Buckingham, Ritter and Eaton of Chicago, be appointed a member of the Board of Examiners in Accountancy for the term of three years ending July 1, 1915.

On motion of Mrs. Bahrenburg, this recommendation was approved.

#### USE OF UNIVERSITY BUILDINGS ON SUNDAYS.

(5) The following resolution adopted by the University Senate on December 2, 1912:

Resolved, That, in the judgment of the Senate, University buildings, libraries, laboratories and drawing-rooms should be open on Sunday for the use of instructors and students only in case of special necessity and not for ordinary everyday work.

On motion of Mr. Blair, it was voted that it is the opinion of the Board of Trustees that the University buildings should not be open to students, or members of the instructing or scientific staff, or administrative officials, for work on Sunday, except in cases of necessity, such as the necessary care and feeding of animals, necessary care and observation on continuous experiments, and necessary care of buildings and plant, and in such other cases of emergency as may seem to be of real importance, and that departures from this principle should be authorized by action of the board.

# HORTICULTURAL AND FLORICULTURAL SERVICE BUILDINGS: BIDS AND CONTRACTS.

(6) A letter from Professor James M. White, Supervising Architect, stating that the bids on the horticultural and floricultural service buildings are to be received on December 20, 1912, and asking that authority be given to open these bids and award the contracts on the buildings.

It was voted to authorize the Executive Committee to open the bids on the horticultural and floricultural service buildings and to award the contracts, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

#### STOCK PAVILION: BIDS.

(7) A further statement from Professor James M. White, Supervising Architect, that the bids on the Stock Pavilion will be received at 3:00 p.m. on January 7, 1913, and that it would be desirable to have these bids acted upon as soon as possible.

In this connection the board discussed the feasibility of holding a special meeting early in January, but no action was taken.

# ESTIMATE COST OF BUILDING EXTENSION AND NEW BUILDINGS.

(8) The following estimate from Professor James M. White, Supervising Architect, of the probable cost of certain building extensions and new buildings, requested by the various departments of the University at the meeting of the board held on December 10, 1912:

#### Building Extensions.

Completion of Natural History Building	\$ 75,000 00
Completion of Lincoln Hall	260,000 00
Completion of Chemical Laboratory	350,000 00
Addition to Commerce Building	150,000 00
Completion of Armory	155,000 00

Total for extensions ..... \$990,000 00

# New Buildings.

School of Education Building	\$150,000 00
State Laboratory Building	250,000 00
University Library Building	300,000 00
Music School Building	100,000 00
Engineering Buildings	600,000 00
Woman's Residence Hall	100,000 00
· ·	

Total for new buildings ......\$1,500,000 00

The foregoing estimate was received for record.

At this point Mr. Meeker withdrew.

#### COST OF UNIVERSITY BUILDINGS.

(9) The following statement from Professor James M. White, Supervising Architect, as to the original cost of the University buildings, including those under construction on December 18, 1912, with an estimate of the present value of the building plant on the campus.

of the building plant on the campus.	
1. Armory (old)	<b>\$ 16,000 00</b>
2. Armory (new)	
3. Auditorium	
4. Boiler House	
4a. Boiler House equipment, including tunnels, service, etc	
5. Ceramics Buildings	
6. Ceramics-Mining Laboratory	25.000 00
7. Chemical Laboratory	130,000 00
8. Commerce Building	
9. Electrical Laboratory	
10. Engineering Hall	
11. Entomology Building (State)	
	50,000 00
12. Gymnasium 13. Greenhouse (University)	7.000 00
14. Laboratory of Applied Mechanics	30.000 00
15. Law Building	
	36.000 00
19. Metal Shops	
20. Natural History Building	. 235,000 00
21. Observatory	
22. President's House	
23. Physics Building	220,000 00
24. Power Plant (new)	
25. Pumping Station	8,000 00
26. Transportation Building	86,000 00
27. University Hall	
28. Woodshop	42,000 00
29. Woman's Building	190,000 00
29. Woman's Building 30. Agricultural_Building	165,000 00
31. Agronomy Building	17,000 00
32. Beef Cattle Building	28,000 00

33.	Horticultural Building Horticultural Greenhouse	\$18,000 00
34.	Horticultural Greenhouse	13,000 00
35	Farm Mechanics Building	33,000 00
	Agricultural buildings of frame construction	60,000 00
	Floricultural group (under construction)	50,000 00

\$2,825,000 00

It will be noted that this list shows the original cost of these buildings. One of them, University Hall, is forty years old, and several of them date from before 1900. In the case of all but the recently erected buildings, very material deductions for depreciation should be made from these figures in order to obtain an estimate of the present value of the buildings on the campus. Probably a reduction of more than half a million should be made for depreciation. The sum of two and a quarter millions would probably represent fairly the present value of the building plant.

The foregoing statement was received for record.

#### METHOD OF PAYING FOR MILK.

(10) A request from the Department of Dairy Husbandry, endorsed by the Dean of the College of Agriculture, that a more expeditious method of paying farmers for milk and cream purchased by the University for use in its experimental dairy work should be adopted.

On motion of Mr. Moore, this request from the Department of Dairy Husbandry was referred to the Chairman of the Finance Committee with a request that he report a plan for accomplishing the end in view.

It was voted, also, on motion of Mrs. Bahrenburg, that the Department of Dairy Husbandry be asked to present, at the next meeting of the board, a statement of the receipts of the University from the sale of dairy manufactures, and its expenditures for raw materials used in dairy manufactures, for the month of November, 1912.

# INTERPRETATION OF THE RULE IN REGARD TO THE APPOINTMENT OF RELATIVES.

President James stated that a question had been raised by Professor E. C. Schmidt, of the Department of Railway Engineering, as to the interpretation of the rule\* of the Board of Trustees concerning the appointment of relatives of members of the board or relatives of members of the instructing or administrative staff of the University, to positions under the Board of Trustees, and requested that Professor Schmidt be given a hearing upon this question.

It was voted that Professor Schmidt be heard.

Professor Schmidt, being introduced, stated first that he wished it to be clearly understood that, in his opinion, and in the opinion of his colleagues throughout the University, so far as he knew, the rule adopted by the board in this matter is a wise and salutary provision for the administration of the University, and is calculated to prevent certain serious abuses which are always likely to spring up in the management of a large institution like the University of Illinois. He said that he had understood, however, that the rule applied to first appointments and not to re-appointments, and that he thought the board should make a definite ruling on this point. He added that if the board should decide that the rule should apply to re-appointments as well as to appointments, then, in his opinion, it should apply in such cases only from the time when the board gave its definite ruling upon the subject, inasmuch as otherwise we should have an instance of retroactive legislation, which is usually undesirable.

Professor Schmidt, then, at the request of President James, gave an interesting account of the development and equipment of the Locomotive Testing Laboratory which is now in process of erection upon the campus.

After an extended discussion of the interpretation of the rule relating to the appointment of relatives of members of the board or members of the instructing or administrative staff and of the points raised by Professor Schmidt in this connection, further consideration of the subject was postponed until the next meeting of the board.

<sup>\*</sup> Adopted September 30, 1898; re-enacted December 28, 1908, in the revised Statutes; reaffirmed September 20, 1910 (Report 1912, pp. 11 and 12).

# ADDITIONAL MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following additional matters for consideration:

#### B'NAI B'RITH PRIZE.

(1) The following letter from the Champaign and Urbana Lodge of the Independent Order of B'nai B'rith:

CHAMPAIGN, ILL., December 4, 1912.

President Edmund J. James, University of Illinois, Urbana, Ill.

Dear Sir: The B'nai B'rith Lodge of Champaign and Urbana desires to offer the sum of fifty dollars (\$50) to the University of Illinois annually, for a period of five years, to be awarded in prizes to the students of the University for essays on Jewish subjects, under such conditions as may be fixed by the University authorities University authorities.

Fifty dollars for the current academic year are herewith enclosed.

Hoping that the University may be willing to undertake the award of the prizes, we are Yours faithfully,

L. D. LEWIS, ISAAC KUHN, N. C. SEIDENBERG,

Committee.

It was voted to accept the gift described in the foregoing letter, to authorize the Council of Administration to determine the conditions on which the prizes shall be awarded, and to authorize the president of the University to extend the thanks of the board to the Champaign and Urbana Lodge of B'nai B'rith.

#### FIRE IN UNIVERSITY HALL.

(2) The following statement from Professor James M. White, Supervising Architect, concerning the fire which occurred in the attic of University Hall on the night of November 15, 1912:

URBANA, ILL., December 9, 1912.

President Edmund J. James, University of Illinois.

DEAR SIR: The night of November 15 a fire occurred in the attic of University Hall in the compartment of the roof space just south of the east tower. The attic of this building is divided by fire walls into spaces some of which are accessible only through scuttles in the room, which is the case in the one where the fire occurred.

Permission had been given the Home Coming Committee to operate a flashlight from the east tower, and our chief electrician connected on to a direct current wire which terminated in a box in this attic space. A temporary cable was run from there to the top of the tower, and the flashlight was operated by three students until about eleven o'clock at night.

In coming down the students noticed the odor of burning insulation but could not locate any trouble. They reported their suspicions to the janitor and night watchman and went back with them to search further. They finally saw some smoke and sent word over to the fire department, and Mr. Fay responded. They all continued the search for the trouble, but did not find it until flames began to break out along the ceiling line.

An alarm was promptly turned in and responded to by the University and by both city departments. The University department carried a line up the east fire-escape, but the hose proved defective, and the city department connected on to the stand pipe along side of the fire-escape. The University department also carried a line of hose from the inside stand pipe in the building through Philomathean Hall. Philomathean Hall.

The fire was quickly put out, but the only reason for it not having been more serious is the fact that it was confined by the fire walls. The damage to the building was about \$300 and that to the furniture and decorating in the Philomathean Hall about \$100.

A careful examination failed to reveal the exact cause for the fire, but it is certain that it started from the wiring. The trouble does not seem to have been in the circuit leading to the flashlight, because that was reconnected and the flashlight operated saturday night. The cause for the University hose being defective is still under investigation.

The repairs to the building have been completed with the exception of the repapering of the walls in the Philomathean Society room.

Yours truly, JAMES M. WHITE,

Supervising Architect.

The foregoing statement was received for record.

#### LEASE OF HAINES PROPERTY.

(3) The following letter from Dr. C. G. Hopkins, Professor of Agronomy, enclosing a lease and option of purchase of the property known as the Haines property:

December 12, 1912.

Dean Eugene Davenport, College of Agriculture.

My Dean Davenport, I enclose herewith duplicate copy of a lease and option to purchase 47.67 acres of land lying between First Street and the Illinois Central Railroad, and known as the Haines property—the documents already being signed by Frederick A. Haines and his wife, Shirley J. Haines. As you will note, the lease is for the coming season, and we desire to use the land for field experiments in agronomy, particularly those relating to plant breeding and compared to the land of breeding and crop production.

I have understood that it is desired to secure options under which the University may have the privilege of purchasing land situated as this is, and consequently I secured the option specified in connection with this lease—\$750

per acre.

I consider that the term of rental, \$15 per acre, are very reasonable; in fact this is less than could easily be secured from share rent of land of such high productive power, and I beg to recommend that the lease be accepted, with the understanding that the rental will be paid from appropriations made by the State

for crop investigations.

I assume that this document will require the signature of the President and Secretary of the Board of Trustees, or at least the authorization of that body. The secretary has expressed the opinion that the board will probably have a meeting next week, and the parties controlling this land desire to know the action of the University as early as possible in order that they may rent or sell to other parties in case the University does not accept the lease.

Yours very truly, CYRIL G. HOPKINS.

Description of the land:
Beginning at the southeast corner of section 13, township 19 north, range 8 east, 3d P. M., thence west 22.01 chains to the east line of the Illinois Central Railroad right-of-way, thence north along said right-of-way (8° east) 23½ chains to the southwest corner of W. Reinhart's lot, thence east 18.93 chains to the section line; thence south 23.29 chains to the place of beginning; 47.67 acres.

#### [ENCLOSURE: LEASE AND OPTION TO PURCHASE.]

Now therefore, the lessors do lease, demise, and let unto the..... lessee, the following described real property:

Beginning at the southeast corner of section 13, township 19 north, range 8 east, 3d P. M., thence west 22.01 chains to the east line of the Illinois Central Railroad right-of-way, thence north along said right-of-way (8° east) 23½ chains to the southwest corner of W. Reinhart's lot, thence east 18.93 chains to the section line; thence south 23.29 chains to the place of beginning; 47.67 acres.

To have and to hold for the term of one year, towit: from the 1st day of March, 1913, to the 1st day of March, 1914, paying therefor rent in the sum of \$715.44, said rent to be paid on or before the 1st day of September, 1913, providing however, that in event said lessee purchases said property on or before September, 1913, at \$750 per acre cash, then and in that event the rent heretofore set forth shall be prorated for the unexpired leasehold term. The option to purchase shall expire September 1, 1913.

It is further understood and agreed, that said premises shall be left in as good condition as the same existed at the time of commencement of this lease, and should default be made in the payment of said rent when due, the lessor, their agents, or attorneys may re-enter and take possession of said property and terminate this lease and option agreement.

Witness the hands and seals of the parties hereto, said lessee being duly authorized to enter into this agreement by and through its proper officials, whose signatures are hereto affixed.

(Signed) Shirley J. Haines,

(Signed)	SHIRLEY J. HAINES, FREDERICK A. HAINES,
	Lessors.
	T 00000

It was voted to authorize the officers of the board to sign this lease at the rental of seven hundred fifteen and forty-four dollars (\$715.44), and for the period of one year beginning March 1, 1913, and continuing until March 1, 1914, provided the said lease shall be approved by the legal counsel of the board.

The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch, Mr. Meeker.

#### REQUEST FOR PERMISSION TO UNDERTAKE OUTSIDE WORK.

(4) A request from Mr. Paul Hansen, Engineer in the State Water Survey, to be permitted to accept an engagement to become an associate with Mr. R. W. Pratt, of Cleveland, Ohio, in the installation of a water filtration plant of the mechanical type at Logansport, Ind.; this work would require Mr. Hansen's presence at Logansport about one day a month during its progress, and some additional time in the office in Urbana.

President James explained that the question in this case involved (1) the value to the University of having professors keep in close contact with practical work, and (2) the possibility of attracting able men to the University for smaller salaries than would otherwise be possible if they be allowed to undertake such work. Further consideration of this matter was postponed until a later meeting.

# ACOUSTICS OF THE AUDITORIUM: REPORT OF PROGRESS.

(5) The following report of progress on the investigation of the acoustics of the Auditorium which has been made by Professor F. R. Watson:

of the Auditorium which has been made by Professor F. R. Watson:
It will be remembered that Professor Watson took up sometime ago the
question of what could be done to remedy the acoustical defects in our Auditorium.
This work has been in progress nearly four years, Professor Watson giving it as
much time as his other work in the University will permit.

A year ago last spring a conference was held in the Auditorium itself. President W. L. Abbott of the Board of Trustees, Professor E. J. Berg, Professor J. M. White, and other members of the faculty were present at this meeting, at which a demonstration was given showing the method by which the investigation was proceeding.

proceeding.

Dr. Watson was abroad on leave of absence during the year 1911-12, and thus had opportunity to inspect a number of buildings in various cities. He visited the Royal Albert Hall in London, the Crystal Palace, and the Whispering Gallery at St. Paul's. During the five months he was in Berlin he inspected a number of halls and churches, and he made a special trip to Leipzig to inspect the concert hall there. He had further opportunity to visit audience rooms at Munich and in Paris.

munion and in Faris.

On his return last summer, Professor Watson had a further conference with Mr. Blackall, the architect of the Auditorium, and they agreed upon certain suggestions. On the basis of these a set of plans was drawn, a copy of which was sent to Professor J. M. White and Professor Watson for inspection. It was deemed wise, however, to make some further examination of the Auditorium, to see how the proposed plan will affect the acoustics—so far as can be determined by experimental work. When this examination has been completed, a final report will be presented to the board with a recommendation for action.

Incidentally, while this practical work has been carried on, the purely scientific work in acoustics in the Department of Physics has received a decided impetus. A course in acoustics has been added to the courses in the Physics Department, and the store of apparatus for investigations in this line has been somewhat increased. A number of scientific papers will be the natural outcome of this investigation.

The foregoing report was received to be printed in the minutes. At this point Mr. Hoit withdrew.

#### FORM OF BUDGET.

(6) The following statement and report with respect to the form of the

University budget:

Early in the year I appointed a committee to consider the question of what improvements might be made in the budget accounting of the University, and I submit herewith a report of that committee, made on December 3, 1912.

The suggestions made by the committee are valuable and are commended to the consideration of the board. It would be a comparatively simple matter to follow the suggestions of this committee if the Legislature would turn over the income of the mill tax to the University in a lump sum. It will be very difficult to follow them in such a way as to make the policy successful as long as our present method of assigning appropriations by the Legislature is followed.

The last Legislature—and the same thing is true in a smaller degree of the preceding Legislature—made large special appropriations, but failed to make corresponding general appropriations, so that the University has suffered decidedly in its general work. We have lacked sufficient funds for repairs to buildings, for the proper care of the grounds, etc., and for additions to general equipment.

#### [REPORT OF COMMITTEE.]

December 3, 1912.

President E. J. James.

Dear Sir: The Committee on Budget Accounting, appointed by you on October 4 last, has considered the matter submitted to it, and begs leave to report as follows:

4 last, has considered the matter submitted to it, and begs leave to report as follows:

1. It is the opinion of the committee that a budget should be made up assigning definite sums to specific interests, departments, or groups of subjects. These interests, departments, or groups of subjects should be as large as seems advisable.

Therefore, it is the opinion of the committee that general "overhead and underfoot charges" should be met by a specific assignment for general expenses, and not by a percentage assessment made afterwards on the appropriations made to the different interests.

2. The committee is of the opinion that appropriations to interests such as departments part of the burden of whose work is serving other interests or departments, should be made large enough to enable the department to carry this burden and at the same time develop its legitimate special interests adequately. For example, when, as a result of a special appropriation to a technical or professional department or school, the number of students is increased, thereby necessitating greater provision for instruction in auxiliary or collateral departments, like English, chemistry, etc., the appropriation for these auxiliary departments should be correspondingly increased.

3. Further, it is the opinion of the committee that the budget should include an item to be called by some such name as general reserve fund, to be at the disposal of the trustees for any purpose during the biennium period. It should be large enough to provide for an emergency of considerable consequence, such as the loss of a building.

Respectfully submitted DAVID KINLEY, E. DAVENPORT, JOHN C. DUNCAN, O. E. STAPLES, JAMES M. WHITE, W. F. M. GOSS.

The foregoing statement and report were received to be printed in the

#### GRADUATE SCHOOL BALANCE APPROPRIATED.

(7) A request from Dr. David Kinley, Dean of the Graduate School, that the balance unappropriated of the sum appropriated by the General Assembly for the maintenance of the Graduate School for the biennium 1911-13 be now appropriated for the provision of additional equipment in manuscripts, maps, apparatus, books, and other supplies, and for the expenses, including extra help, cases, etc., incidental to securing or caring for this additional equipment, for the purpose of strengthening the departments represented in the Graduate School; and that the funds shall be expended upon the recommendation of the Dean of the Graduate School approved by the President of the University.

# SCHOLARSHIPS AND FELLOWSHIPS AUTHORIZED.

(8) A further request from the Dean of the Graduate School that he be authorized to make the same announcement in regard to scholarships and fellowships for the academic year 1913-14 as was made for the present year, as to the number, stipendiums, etc., and that the President of the University be authorized to appoint such scholars and fellows.

On motion of Mrs. Evans, the foregoing requests, two in number, from the Dean of the Graduate School, were approved, and the corresponding appropriations made; the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg ,Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch, Mr. Hoit, Mr. Meeker.

#### LABORATORY FEES IN MINING ENGINEERING.

	(9) A	recor	$\mathbf{mme}$	ndatio	n fro	m the	Cour	icil of	Adn	ninist	ration	that	the	foll	owi	ng
	aboratory															
	Iining 4															
	Iining 9															
7	Iining 10														3	00
	On m	otion	of	Mrs.	Bahı	renbu	rg, th	is re	comn	aenda	ation	was	app	rove	eđ.	

# CONSIDERATIONS WITH RESPECT TO THE PURCHASE OF LAND.

(10) A communication from Professor H. A. Hollister, High School Visitor, on the subject of the abnormal cost of living at the University and its relation to the policy of the University with respect to the purchase of land.

URBANA, ILL., November 7, 1912.

President Edmund J. James, University of Illinois.

President Edmund J. James, University of Illinois.

My Dear President James: It occurs to me that you might be interested in some impressions which I have received through a rather wide contact with people from outside the Twin Cities and throughout the State generally.

There seems to be a great deal of complaint because of the abnormal cost to students of living here. This abnormally large cost is known to be caused, to a considerable extent, by the inflated values in real estate in the territory constituting the University settlement. This inflated valuation is caused, in turn, by two factors, chiefly, which are well known to those who have observed the situation with any care. First of all, the cities are not developing fast enough to support so large an outside population as the student body and instructional force without rather seriously disturbing the equilibrium of supply and demand, as this relation affects the services which this large aggregation calls for.

In the second place, the territory available for residence purposes on both sides of the campus is already greatly circumscribed.

In the face of this latter condition now comes the University with propositions which, if they materialize, will greatly reduce even the already far too limited room for expansion of these residence districts.

Now I am wondering if the University authorities, in view of the comparative youthfulness of the University and the prospective large increase in size of this student and faculty aggregation, have fully weighed the consequence of their contemplated moves in the purchase or condemnation of adjacent properties, both to the east and south and to the west and south of the campus.

Please consider this as merely coming as a suggestion from one who believes in a great future for the University of Illnois.

Very sincerely,

Very sincerely, H. A. Hollister.

The foregoing communication from Professor Hollister was received for record.

# COMMITTEE ON FURNISHING ADDITION TO WOMAN'S BUILDING.

It was voted to appoint Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, and Professor J. M. White, Supervising Architect, a special committee to have charge of the furnishing of the addition to the Woman's Building.

# DR. BURRILL AND DR. SHATTUCK APPOINTED PROFESSORS EMERITI.

President James presented a recommendation that Dr. Thomas Jonathan Burrill be appointed Professor of Botany emeritus, and that Dr. Samuel Walker Shattuck be appointed Professor of Mathematics emeritus, beginning September 1, 1912. On motion of Mr. Blair, this recommendation was approved.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# Meeting of January 7, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12:30 P.M., on Tuesday, January 7, 1913, pursuant to the following notice which was sent out by the secretary on January 2, 1913:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, at the Blackstone Hotel, in the city of Chicago, on Tuesday, January 7, 1913, beginning at 12:30 P.M., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: Abbott, Mr. Anthony, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker. Dr. David Kinley, Dean of the Graduate School; Dr. Eugene Davenport, Dean of the College of Agriculture, and Professor Stephen A. Forbes, Director of the State Laboratory of Natural History and State Entomologist, were also present.

#### MINUTES APPROVED.

The secretary presented the minutes of the meeting of December 19, 1912, which, on motion, were approved.

# REPORT OF EXECUTIVE COMMITTEE MEETING DECEMBER 21, 1912.

December 21, 1912,

To the Board of Trustees of the University of Illinois:

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held on Saturday, December 21, 1912, in the office of Mr. W. Carbys Zimmerman, State Architect, 1101 Steinway Hall, Chicago, Ill. There were present Messrs. W. L. Abbott and Fred L. Hatch, members of the committee, Dr. Edmund J. James, President of the University, and Mr. W. Carbys Zimmerner, State Architect Carbys Zimmerman, State Architect.

# FLORICULTURAL HOUSE AND VEGETABLE AND PLANT BREEDING HOUSE.

The bids on the Floricultural House and on the Vegetable and Plant Breeding House to be erected in connection with the new Greenhouse Plant of the Horticultural Department were opened, and were found to be as follows:

#### SCHEDULE OF BIDS-FLORICULTURAL HOUSE AND VEGETABLE AND PLANT BREEDING HOUSE.

Contractors.	"A," Both buildings in six months.	"B", Both buildings in seven months.	"C" Floricul- tural house only, seven months.	and plant	"E", Deduct from "A" or "B" if galva- nized iron is used.	"F" Deduct from "A" or "B" if shingles are sub- stituted for slate.	"G" Deduct from "A" or "B" to sub- stitute § x 3‡" M and V joint cypress ceiling.
A. W. Stoolman English Bros. Freeman & Brooks. Baird & Howe Chas C. Gwinn N. H. Shields.	\$33,000 00 34,500 00 37,045 00 38,217 00 49,855 00	\$33,210 00 33,000 00 34,000 00 35,045 00 37,717 00 49,155 00	\$17,962 00 17,800 00 18,500 00 18,169 00 20,507 00 27,147 00	\$15,848 00 15,245 00 16,000 00 16,267 00 17,209 00 22,700 00	\$870 00 805 00 922 00 842 00 584 15 477 00	\$1,450 00 274 00 386 00 381 00 185 00 300 00	\$230 00 345 00 379 00 270 00 345 00 175 00

Prsident James called attention to the fact that in the preliminary distribution of the buildings funds of the Agricultural Department only twenty thousand dollars (\$20,000) had been set aside for these two buildings, while the low bid, that of English Brothers, calls for thirty-three thousand dollars (\$33,000). The president stated, however, that it might be possible, by restricting certain assignments already made for other purposes which might perhaps be postponed, to provide, from the building funds of the Agricultural Department, the additional sum necessary for the completion of these two buildings.

It was voted that in case the President of the University shall find it possible It was voted that in case the President of the University shall find it possible to re-distribute the building funds of the Agricultural College as indicated above, he should be authorized to direct the State Architect to let the contract for the two buildings to English Brothers, at the price mentioned in the bid, namely, thirty-three thousand dollars (\$33,000) for both buildings completed within six months, on the basis of the plans indicated in alternative "A" above.

#### LECTURESHIP IN PUBLIC ACCOUNTANCY AND COMPTROLLERSHIP.

President James presented the name of Mr. George E. Frazer, of Madison, Wis., for the position of lecturer on public accountancy, stating also that it is proposed to assign to Mr. Frazer the duties of the comptrollership until further notice.

It was voted to authorize the President of the University to appoint Mr. Frazer to the position named, provided the absent member of the Executive Committee, Mr. A. P. Grout, who is also the chairman of the Finance Committee, concurs.

The committee adjourned.

W. L. ABBOTT, FRED L. HATCH.

# HAINES LEASE SIGNED; OPTION PRICE CONSIDERED EXCESSIVE.

The secretary presented the following report with regard to the lease and option of purchase for the Haines property. This report was received for record.

January 3, 1913.

To the Board of Trustees of the University of Illinois:

- At a special meeting of the board held on December 19, 1912, it was voted to authorize the officers of the board to sign a lease and option of purchase for 47.67 acres lying between First Street and the Illinois Central Railroad, and known as the Haines property, provided this lease should be approved by the counsel of the board.
- I beg leave to report that this lease and option has been submitted to Dean Harker, and has been pronounced by him to be in proper form, and has been signed by the officers of the board.
- I beg leave to report also that at the request of Mr. Abbott, I inserted in the margin of this document the following notation:
- "I am directed by the President of the Board of Trustees to note hereon the opinion of the members of the said board with reference to the price of seven hundred fifty dollars (\$750) per acre named in the option contained herein, namely, that the said price is excessive, and that in authorizing the signing of this lease they do not wish to be understood as accepting this figure as a proper price for the land in question."

C. M. McConn, Secretary.

# GROWTH AND NEEDS OF THE COLLEGE OF SCIENCE.

The secretary presented, by the request of President James, the following memorandum relating to the growth of the College of Science, with a list of the new buildings needed for that college, and the work entrusted to its charge. This memorandum was received for record.

# GROWTH OF THE COLLEGE OF SCIENCE.

Year.		Faculty.	Students.	Units of instruction.
1905-06		. 47	191	14 469
1906-07	•••••	. 52	209	18,089
1907-08		. 53	289	20,563
1908-09		. 65	299	21,799
1909-10		. 76	310	21.599
1910-11		. 79	361	23,579
1911-12		. 83	420	25.676
1912-13		. 91	445	• • • • •

#### Summaru.

I. II. III.	1911-12) Increase in undergraduate enrollment in College of Science (190	to 76.7
	NEW BUILDINGS NEEDED FOR COLLEGE OF SCIENCE	5
	(Estimates include equipment.)	
I.	Completion of Natural History Building         \$75,000 00           Equipment for the same         25,000 00	\$100,000 00
II.	Completion of Chemistry Laboratory with equipment  Biological laboratories*—  (1) Greenhouse and equipment for botany\$25,000 00  (2) Vivarium and equipment for zoölogy 25,000 00  (3) Insectary and equipment for entomology 5,000 00	350,000 00
IV.		55,000 00 250,000 00
		\$755,000 00
	GENERAL BUDGET.	
	1912-13. 1913-14.	1914-15.

# EXTENSION WORK: REPORT OF SENATE COMMITTEE.

\$ 45,000 00

\$ 45,000 00 180,000 00

The secretary presented also, by request of President James, the following preliminary report of a committee of the University Senate in favor of incorporating extension work as an integral part of the activities of the University; it being understood that the specific recommendations may be somewhat altered later, and that it is probable that a request will be made for a larger sum. The report was received for record.

#### Recommended:

- 1. That the University recognize the various forms of extension work now being undertaken as a legitimate and commendable part of its activities; and that the Senate consider the question of granting credit for such work, when successfully completed under necessary restrictions.
- 2. That the University make separate provision for extension work, so that such work when undertaken shall not divert from other useful channels the present resources and energies of the University.
- 3. That the Senate recommend the appointment, at an early date, of a director of University extension, who shall organize, systematize, and strengthen the extramural work already being undertaken; who shall establish a central office of administration with the necessary clerical force, to the end that the routine work of extension may not fall upon existing departments; who shall investigate conditions, and shall, under proper direction, establish the necessary and desirable divisions of University extension; and who, acting jointly with the heads of the different departments concerned, may recommend the appointment of such instructors, lecturers and readers as may be needed in the development of extension work.
- 4. Your committee also recommends that extramural activities shall be subject to the same department supervision that is now given to the intramural activities.
- 5. Your committee also recommends that the Senate express its conviction that for carrying on this work the Board of Trustees should include in the budget an item of not less than \$25,000 a year for the first two years.

# EXPRESSION OF SYMPATHY FOR PRESIDENT JAMES.

It was voted to ask the secretary of the board to express to President James the regret of the members of the board at his illness, and their sincere hope for his speedy and complete recovery.

<sup>\*</sup> This estimate includes no provision for land upon which to locate these buildings. The land needed, together with the necessary experimental plots, will require the equivalent of a block:

# REPORT OF THE DIRECTOR OF THE STATE LABORATORY OF NATURAL HISTORY.

Professor Stephen A. Forbes, Director of the State Laboratory of Natural History, presented the following report of the work of the State Laboratory during the past two years. This report was received for record.

To the Board of Trustees, University of Illinois:

The board of Trustees, University of Illinois:

The operations of the State Laboratory of Natural History have lately been directed to a careful, detailed study of the plant and animal life of the Illinois River, including, of course, its fishes, with special reference to the conditions produced by reclamation projects, the development of industrial operations on its banks and in its neighborhood, and the contamination of its waters by great cities now using it as an outlet for their sewage and manufacturing wastes. We have also given much attention to the economic values of the birds of the State as shown by a careful census of its different species in different situations in all parts of Illinois and in the various seasons of the year.

In our Illinois River work we have had the advantage of cooperation with the Chemical Water Survey of the State, with the Illinois State Fish Commission, and with the United States Bureau of Fisheries, the United States Bureau making to us a grant of funds towards the expenses of the work, and the Fish Commission giving us the use, for special purposes, of parts of its equipment including the steamer "Illinois" and the fish hatchery at Havana.

This river work has given us the data, obtained by many chemical analyses of waters and sediments and by systematic and long-continued collections of plants and animals from the waters, shores and bottom of the stream, from an intelligent discussion of the whole system of life on the upper part of the river under present conditions; and a preliminary report of these results is now in course of preparation. While similar work has lately been done on other rivers, particularly in Germany, there is no other which presents similar conditions to those of the Illinois, and we are certain to derive, from a study of it, some novel and important contributions to aquatic biology, and to a knowledge of the effects of various classes of contamination upon a flowing stream.

The bird census data have all been completed, tabulated, and prepared for d

The bird census data have all been completed, tabulated, and prepared for description and discussion, and are now in the hands of one of my assistants who will share with me the responsibility for a final report.

will share with me the responsibility for a final report.

A considerable part of the appropriations of the laboratory goes to the care and maintenance of the large collections we have accumulated during a long course of years, and likewise to the care and improvement of our library, which has become very valuable both for our own work and for the use of the biological departments of the University. Under the new arrangement the library is now well placed and well cared for; but the collections are largely out of use, for lack of room and furniture for their systematic arrangement in an accessible place where they might be resorted to for reference and special study. Whenever the proper room and suitable cases can be provided by the University, I shall be pleased to bring together a selected series of these specimens, and to arrange them in such a way that they can be as readily referred to by students and instructors as are the books in the library. This, I am sure, will be a great help particularly to the instructional staff and advanced and graduate students, and would decidedly stimulate work on the biology of the State in several directions. Indeed, I think it would bring to the University high school and college teachers of biology, who could find there materials and facilities for a study of our local fauna, and of some parts of our aquatic botany also, which are not now open to them anywhere in the country. in the country

some parts of our aquatic botany also, which are not now open to them anywhere in the country.

I should like to do substantially the same thing with the entomological collections under my control, made partly at the expense of the State Laboratory funds, but mainly from those of the State Entomologist's office. These should be completely determined, the unclassified material should be incorporated in the collections, and the whole placed in a fireproof room equipped with steel cases and pestproof drawers, where it would be accessible to all entitled to its use and be at the same time safe against destruction. The invaluable and largely irreplaceable collections of the Natural History Survey are now all in the old part of the Natural History Building, where they are subject to destruction by fire; the fireproof part of the building being mainly assigned to offices, classrooms, laboratories and the like, some of which might well be transferred to the less safe part of the building.

I am now working on an appropriation of \$10,000 per annum, of which \$8,000 is for the expenses of the Natural History Survey, and \$2,000 is for the publication of builtetins and reports. This appropriation comes at present, as you will remember, from the State treasury, and does not pass into the possession of the Treasurer of the University. It has provided during the last two years for the maintenance and improvement of our library, for the care of our large collections and the determination of new material, for the replacement and repair of equipment, for the field and investigation work of the Illinois River Station, for the preparation of manuscript on the bird census of the State, and for salaries of supervision.

I should like, during the coming two years, to be able to prepare for publication the results of our river work to date, and to continue this work down the lower part of the stream in order that the biological system of the river may finally be treated as a unit. I should next like to undertake to bring together, to f

instead of the present \$10,000. In making this estimate I am supposing that the University will assume the expenses involved in the safer location and permanent protection of the State Laboratory collections, since these have cost it nothing thus far and will be made as available for general university purposes of instruction and investigation as if they had been obtained for these purposes by the University itself.

Respectfully submitted,

STEPHEN A. FORBES, Director.

# STOCK JUDGING PAVILION: BIDS.

At 3:00 P.M., at which hour on this date the bids on the Stock Judging Pavilion were due, these bids were received from the office of the State Architect, and were opened. They were found to be as follows:

#### SCHEDULE OF BIDS-STOCK JUDGING PAVILION.

	Alternates.	English Bros.	A. W. Stoolman.	N. H. Shields.	E. L. Scheidenhelm.
в.	Complete building, 7 months. Complete building, 8 months. Add for subst. of terra cotta	89,500 00	\$89,983 00	\$94,900 00 93,938 00	\$112,409 00 112,000 00
· ·	for wood cornice and plas- tered the partition in				
D.	arcade corridor  Deduct, for subst. of sheet for plate glass for balcony		1,905 00	1,905 00	1,827 00
E.	transom windows Deduct, for omission for rein-	250 00	182 00	100 - 00	90 00
	forced concrete work, iron pipe rails, and steam heat-			0.505.00	
F.	ing and piping	10,000 00	11,526 00	9,535 00	18,197 00
G	excavation	1 00	65	1 00	75
	concrete work	25	30	35	40
	(Optional) Add, for subst. of cast concrete for terra cotta			.,	$\left\{ \begin{array}{cc} 127 & 00 \\ 57 & 00 \end{array} \right\}$
1.	(Optional) Deduct, for subst. of optional steel truss design		1,875 00	1,275 00	1,895 00

On motion of Mr. Meeker, it was voted to refer these bids to the Executive Committee and the State Architect, with instructions to accept alternative "B" minus "E," and with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker; noes, none; absent, Mr. Blair, Mr. Deneen, Mr. Moore.

At this point Mr. Anthony withdrew.

# METHOD OF PAYMENT FOR DAIRY MATERIALS.

Mr. Grout, as Chairman of the Finance Committee, presented the following letter from Mr. N. W. Hepburn, of the Department of Dairy Husbandry, with the recommendation that the method outlined therein of making payment for milk and cream used in the work in dairy manufactures be approved; this matter having been referred to the chairman of the Finance Committee for recommendation at the meeting of December 19, 1912 (p. 149):

Dean E. Davenport, College of Agriculture, University of Illinois.

My Dean Dean Davenport: The following is a brief outline of the system now used by the Dairy Department in paying farmers for milk and cream delivered to the University for making butter and cheese in connection with class and experimental work.

Payments are made twice each month through the regular channels of the business office. The method consists in Issuing a voucher to each farmer, at the end of each half month, from dairy husbandry office. These vouchers, in turn, are forwarded to the business office, where checks are drawn for the amount called for on each voucher. This, and securing the signatures on checks, takes about two weeks, which means that a farmer delivering a can of cream the first of the month must wait about four weeks for payment. This delay is caused from the fact that these vouchers must pass through eight (8) offices and eleven (11) clerks before payment can be made.

This method has been satisfactory until local creameries and centralizers changed their business system and began sending personal solicitors into the more remote territories and paying for each can of cream the same day it is delivered.

remote territories and paying for each can of cream the same day it is delivered.

With this system in use all about us, it is very difficult to keep even a part of our old patrons, and impossible to secure new ones. I believe, therefore, that if our commercial creamery is to continue we must meet this situation with some changes in our business system.

in our business system.

The following plan has been worked out, in advisement with the business office, and has been approved by the chief clerk and Professor Fraser.

Funds received from sales of dairy products will be deposited in a local bank; voucher checks will be drawn from the dairy husbandry office against this account to pay patrons. At the end of each month the canceled vouchers will be turned into the business office together with surplus cash equal to the amount called for by the detailed monthly report. Under this system the relations between the Dairy Husbandry Department and the business office remain practically unchanged, the dairy husbandry office still remaining responsible to the business office for its transactions; yet, by the adoption of this plan, we shall be enabled to make prompt daily payment, which seems to be necessary to preserve our present business.

The above matter is presented in order that we may ask that \* \* \* the one in charge of dairy manufactures furnish a suitable bond and be empowered to deposit the necessary receipts from that department in a local bank and draw youcher checks over his signature for the purpose of paying farmers daily for dairy products delivered to our creamery.

Very truly yours, N. W. HEPBURN.

It was voted to approve the recommendation of the chairman of the Finance Committee that the method outlined in the foregoing letter of making payment for materials used for dairy manufactures be approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker; noes, Mr. Hatch; absent, Mr. Anthony, Mr. Blair, Mr. Deneen, Mr. Moore.

# RELATIONS WITH THE STATE BOARD OF PRISON INDUSTRIES AND THE CIVIL SERVICE COMMISSION.

Dean Davenport outlined briefly the difficulties of transacting business in the University resulting from the fact that the actions of the Board of Trustees and of the University officers appointed by the Board of Trustees are now subject to review and veto in many important matters by other boards and commissions, including the State Board of Prison Industries, the State Civil Service Commission, and the State Architect.

At this point Mr. Meeker withdrew.

# APPOINTMENT TO PROFESSORSHIP IN ACCOUNTING AND COMPTROLLERSHIP.

Dean Kinley, acting for President James, presented a recommendation that the President of the University be authorized to appoint Mr. George E. Frazer, of Madison, Wis., to be Professor of Public Accounting, for a term of three years beginning January 13, 1913, with the further assignment of the duties of Comptroller of the University until further notice, with a salary at the rate of thirty-six hundred dollars (\$3600) per annum for the first year, and at the rate of four thousand dollars (\$4,000) per annum for each of the two succeeding years of this appointment.

On motion of Mr. Hatch, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit; noes, none; absent, Mr. Anthony, Mr. Blair, Mr. Deneen, Mr. Meeker, Mr. Moore.

#### PLANS FOR PROPOSED NEW LIBRARY BUILDING.

Dean Kinley presented, by request of President James, the following letters from Professor James M. White, Supervising Architect, and Mr. W. Carbys Zimmerman, State Architect, with reference to the site and plans for the proposed new Library Building. These letters were received to be printed.

#### [PROFESSOR WHITE'S LETTER.]

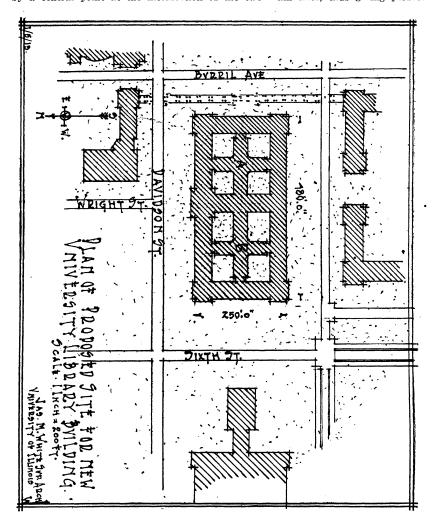
URBANA, ILL., January 6, 1913.

Mr. W. Carbys Zimmerman, Steinway Hall, Chicago, Ill.

DEAR SIR: I am enclosing a sketch showing the approximate size and shape of the proposed Library Building as we have worked it out. Am also enclosing

sketch showing the dimensions of the plot on which it is proposed to locate it. The location of the building on this plot seems to be established by the axis of Wright Street and the axis of the Armory.

We have not developed the plan to any extent on account of lack of time, but it seems to us that the axis of Wright Street should be emphasized as the important axis, and that the entrances should be located at the north and south ends of this central unit. Also, all public rooms should be kept in this unit. With the entrances at the two ends of this unit all traffic could be made to pass by a central point at the intersection of the two main axes, thus giving perfect



supervision over the building. From this central point the circulation would be east or west to stair towers at A and B at the centers of the two major courts, which in turn would act as distributing centers to the main reading and work rooms. This would keep the main corridors in the courts, and would also give small study-rooms off these corridors which would be well lighted and ventilated. By eliminating the corridors from the main working units we get plenty of light and cross ventilation into the stacks and seminar rooms.

Very truly yours,

James M. White,

Supervising Architect.

#### [MR. ZIMMERMAN'S LETTER.]

January 6, 1913.

Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.

Dear Mr. James: The site suggested for the proposed new University Library Building seems to me to be a very good one and does not interfere with the general scheme of the group plan.

The building should be located so that the north front of the building centers on Wright Street, running from that point west along the north line of the present Horticultural Orchards to Sixth Street, and east along the same line projected to Burrill Avenue, and as close to the said line as the general campus plans will permit.

Sincerely yours

Sincerely yours,
W. CARBYS ZIMMERMAN.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# MEETING OF THE EXECUTIVE COMMITTEE, JANUARY 7, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, immediately following the adjournment of the special meeting of the board on January 7, 1913.

There were present: Messrs. Abbott and Grout, members of the Executive Committee; also Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, and Mr. Hoit, members of the board, and Dean Kinley.

# MEETING OF THE EXECUTIVE COMMITTEE JANUARY 7, 1913. AUTHORITY FOR APPOINTMENT OF ASSISTANT TO THE DIRECTOR OF THE ENGINEERING EXPERIMENT STATION.

Dean Kinley, acting for President James, presented a recommendation that the President of the University be authorized to appoint Mr. Alfred Knight Chittenden, at present Forester in the United States Indian Service, Department of the Interior, Washington, D. C., to be Lecturer on Timber and Timber Resources in the College of Engineering and assistant to the Director of the Engineering Experiment Station, with a salary of twentyseven hundred fifty dollars (\$2750) a year, beginning February 1, 1913. This recommendation was approved.

The Executive Committee adjourned.

W. L. ABBOTT, A. P. GROUT.

C. M. McConn, Clerk.

# Meeting of January 25, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12:30 P.M., on Saturday, January 25, 1913, pursuant to the following notice which was sent out by the secretary on January 20, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in the city of Chicago, on Saturday, January 25, 1913, beginning at 12:30 P.M., for the further consideration of the bids on the Stock Judging Pavilion, and for the consideration of such other matters as may be duly presented.

When the board convened the following members were present: Abbott, Mrs. Bahrenburg, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore. Professor James M. White, Supervising Architect; Mr. W. Carbys Zimmerman, State Architect, and Mr. H. W. Mumford, Professor of Animal Husbandry, were also present.

#### MINUTES APPROVED.

The secretary presented the minutes of the special meeting of January 7, 1913, which, on motion of Mr. Hoit, were approved.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in positions authorized by the Board of Trustees:

the Board of Trustees:

Frazer, George E., Professor of Public Accounting, for a term of three years beginning January 13, 1913, with the further assignment of the duties of Comptroller of the University until further notice, with a salary at the rate of thirty-six hundred dollars (\$\$3,600) per annum for the first year and four thousand dollars (\$4,000) per annum for each of the two succeeding years of this appointment. (January 11, 1913.)\*

Hooker, Fred, Toolroom Attendant in the Woodshop, beginning December 7, 1912, and continuing until further notice or until August 31, 1913, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service, vice L. C. Demlow, resigned. (December 24, 1912.)

Mathers, Jennie A., Temporary Stenographer in the Office of the College of Lierature and Arts, on probation for three months under the regulations of the Illinois Civil Service Commission, beginning December 3, 1912, at a salary of fifty dollars (\$50) a month, vice Rose Ryan, resigned. (December 24, 1912.)

Oaks, Catherine S., Catalog Assistant in the Library, for eight months beginning January 1, 1913 (without vacation), at a salary of sixty-five dollars (\$65) a month, vice Ethel Bond, resigned. (December 24, 1913.)

# REPORT OF THE TREASURER.

The secretary presented the report of Mr. H. A. Haugan, Treasurer, for the quarter ended December 31, 1912. This report was received for record.

#### TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS. DECEMBER 31, 1912.

1912. Dr. Sept. 30. \$744,200 77 250 00

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

# TREASURER'S REPORT-Concluded.

1912	2.	Dr.		
	2.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	\$ 200	00
	5.	of Pharmacy fund	160	
	14.	Received from U. S. Treasurer, for credit of Agricultural	100	
	16.	Experiment Station fund Received from W. B. Day, Actuary, for credit of School	7,500	
	17.	Received from W. B. Day, Actuary, for credit of School	62	84
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from O. E. Staples, Chief Clerk, for credit of	.175	
	19.	Received from O. E. Staples, Chief Clerk, for credit of	20	00
	19.	general fund	15,000	
	23.	of Pharmacy fund	185	
	26.	Received from W. B. Day, Actuary, for credit of School	80	00
Nov.	6.	of Pharmacy fund	130	00
	16.	of Pharmacy fund	190	00
	21.	of Pharmacy fund	100	00
	22.	Received from W. P. Day, Actuary, for gredit of School	T	00
	30.	of Pharmacy fund	75	00
Dec.	4.	of Pharmacy fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from W. B. Day, Actuary, for credit of School Received from W. B. Day, Actuary, for credit of School	50	00
Dec.		of Pharmacy fund	85	00
	6.	of Pharmacy fund	90	00
	10.	of Pharmacy fund	135	00
	12.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	60	00
	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	42	00
	23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	35	00
	31.	of Pharmacy fund Received from O. E. Staples, Chief Clerk, for credit of general fund	10,000	00
		Total	\$778,831	61
1912	3.	Cr.		
Dec.	31.	By amount paid out of general fund, as per list		
		of warrants herewith		
		By amount paid out of College of Medicine fund By amount paid out of School of Pharmacy fund, as per list of warrants herewith 6,867 75 By amount paid out of Agricultural Experiment		
		By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith 6,491 61	,	
Balar	1068-		\$601,380	27
C	ener	ral fund\$158,980 43		
ŝ	choo	ge of Medicine fund	*	
_	18110		177,451	34
		Pagnactfully submitted	\$778,831	61
		Respectfully submitted, HENRY A. HAUGAN,	Treasurer	

# REPORT OF THE BUSINESS OFFICE.

The secretary presented a letter from Professor George E. Frazer, Comptroller, transmitting the report of the business office for the quarter ended December 31, 1912. This letter and report were received for record.

January 17, 1913.

Mr. W. L. Abbott, President Board of Trustees, University of Illinois.

Sir: I have the honor to hand you herewith a report of the receipts and remittances of the chief clerk, and of the expenditures from current appropriations,

from State appropriations, and from United States appropriations, for the three months ending December 31, 1912, together with a summary of these cash transactions. These reports were prepared by the bookkeeper in the business office, Mr. Lloyd Morey, prior to the date of the assignment to me of the duties of University comptroller.

\*\*Respectfully submitted\*\*

Respectfully submitted, GEO. E. FRAZER.

# RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, October 1, 1912 \$15,288 55		
RECEIPTS.		
Accountancy\$ 68 16		
Agricultural College		
Agricultural College		
Agricultural Experiment Station receipts 8,469 86		
Band instrument deposits 5 00		
Blue printing 380 39		
Buildings and grounds 868 47		
Engineering Building site		
Engineering College		
Engineering Experiment Station 255 54		
Hospital Association		
Interest on land contracts 48 30		
Library fines		
Lockers—General		
Lockers—Gymnasium		
McKinley fund—Interest		
McKinley fund—Principal 455 00		
Philology, Journal of		
Snyder fund—Interest		
Snyder fund—Principal 673 25		
Student deposit—Snyder fund		
Special fees		
Summer session fees		
University fees		
University studies		
Water survey 45 75		
Zoölogy 6 25		
28,836 86		
REMITTANCES TO H. A. HAUGAN, TREASURER.		
October 17, 1912\$15,025 00	•	
December 30, 1912		
· · · · · · · · · · · · · · · · · · ·	\$25,025	00
Balance, December 31, 1912	19,100	41
		·
\$44.125 41		

# EXPENDITURES.

# CURRENT EXPENDITURES.

:	Appropriation.	Expenditures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Accountancy. Agricultural College. Agricultural experiment station. Alumni Quarterly. Alumni Record. Applied mechanics. Art and design. Band instruments deposits. Blue printing. B'nai B'rith library. Botany Chemistry. Classics. Dean of men. Dean of women. Editing University Bulletin. Education, school of Engineering building site. Engineering college. Engineering experiment station. Engilsh. Entomology. Geology. German languages. Gymnasium lockers. High school contest.	1,274 25 12,000 00 672 37 1,550 00 1,451 00 1,340 80 200 00 1,911 00	\$ 362 05 7,246 28 2,017 09 250 00 356 96 89 10 00 388 96 	\$ 379 70 8, 605 91 1, 075 43 250 00 224 14 111 97 25 00 559 69 153 20 1, 027 23 2, 298 36 32 79 1, 011 21 1, 72 12 1, 72 12 1, 72 12 1, 72 12 1, 73 84 2, 373 84 36 50 244 19 187 31 8 17 139 95 33 40 52 63	\$ 741 75 15, 852 19 3, 092 52 500 00 581 10 581 10 948 65 153 20 1,559 96 9,537 28 32 79 1,571 01 220 92 4 05 4,233 37 450 89 1,075 52 331 84 8 17 727 95 53 40 54 40 54	\$ 2,109 40 10,383 56 22,570 97 500 00 4,746 97 1,352 62 388 03 115 50 301 71 371 80 940 04 5,462 72 67 21 1,428 99 995 95 1,823 48 1,273 05 7,766 63 672 37 1,099 11 1,099 11 1,099 11 1,183 05 1,183 04 1,183 05 346 60 95 97
·	l	<u> </u>	<u> </u>	1	1

# EXPENDITURES-Continued.

	511511011				
	Appropriation.	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Hospital association	\$ 1,021 71	\$ 369 50	\$ 248 75	\$ 618 25	\$ 403 46
Illinois Canners' Association fund	436 13	199 83	236 30	436 13	
Incidentals	10,000 00	1.880 61	2,536 03	4,416 64	5,583 36
Interest on land contracts	48 30				48 30
<u>Labor</u>	60,000 00	11,180 55	15,661 26	26,841 81	33,158 19
Library	3,145 00	507 10	843 61	1,350 71 48 33	1,794 29 44 02
Liarary fines	92 35	25 00	23 33		906 00
Library school	1,080 00 3,940 00	11 90 798 90	162 10 1,341 38	174 00 2,140 28	1,799 72
Library students assistants	145 95	145 95		145 95	1, 199 12
Library supplies	750 00	145 65	62 89	62 89	687 11
Literature and arts, college of	800 00	66 45	78 44	144 89	655 11
McKinley fund, interest	23 62	00 10	'0 **	111 00	23 62
McKinley fund	455 00	1			455 00
Mathematics	200 00	5 50	18 63	24 13	175 87
Medicine, college of	16.644 12	11.869 65	1	11.869 65	4,774 47
Military department	1,150 00	120 35	229 21	349 56	800 44
Military and band scholarships	2,000 00				2,000 00
Music, school of	1,400 00	276 29	582 42	858 71	541 29
Pharmacy, school of	11,884 94	2,630 26	1,554 49	4, 184 75	7,700 19
Philology, Journal of	706 92	41 42	46 72	88 14	618 78
Philosophy	100 00	4 95	2 60	7 55	92 45
Physical training, men	1,200 00	10 00	585 70	595 70	604 30
Physical training, women	741 02	136 54	63 65	200 19	540.83
Physics laboratory assistants	600 00		126 00	126 00	474 00
Physiology	1,900 00	5 58	637 45	643 03	1,256 97
Plym fellowship	1,000 00	400 00	200 00	600 00	400 00 34 29
Political science	50 00 500 00		15 71	15 71 157 04	342 96
Psychology	50 00	20 00	137 04	197 04	50 00
Public school drawing exhibit Rebates to students	5,000 00	740 70	3, 119 75	3,860 45	1. 139 55
Romance languages	100 00	2 09	28 01	30 10	69 90
Science, college of	700 00	92 37	110 41	202 78	497 22
Snyder fund	2,577 82	1.500 00	1.475 00	2,975 00	10
Snyder fund deposits	2,371 67	1,000 00	871 67	871 67	1.500 00
Snyder fund interest	600 00		300 00	300 00	300 00
Sociology	50 00	8 00	65	8 65	41 35
Soil extension (I. C. R. R.)	1,019 85	612 11	373 45	985 56	34 29
Summer library school	515 00		1		515 00
Supervising architect	1,800 00	460 58	659 43	1,120 01	679 99
University fellowships	2,400 00	185 00	555 00	740 00	1,660 00
Water survey records	145 75	23 05		23 05	122 70
Womans' league loan fund	220 00				220 00
Zoölogy	4,750 00	4 685 87	1,989 68	2,675 55	2,074 45
Totals, current appropriations	\$954 479 40	\$57,649 66	\$54 540 2m	\$112, 199 03	\$142,273 37
Totals, current appropriations	φωυτ, τ/2 40	φυ1,049 00	φυτ, υτυ 57	φ11&, 199 05	φ142, 213 31
		1	•.		·

# STATE APPROPRIATIONS.

	Appropriation.	Expendi- tures before reported,	Expenditures this quarter.	Total expended.	Balance.
Agricultural College	\$415,800 00 9,000 00 80,000 00	\$225,548 53 8,152 87 294 86	\$63,974 69 329 62 250 18	\$289,523 22 8,482 49 545 04	\$126,276 78 517 51 79,454 96
Closed out	3,998 83 3,101 17 900 00	3,998 83 1,546 49 35 25	20 00 864 75	3,998 83 1,566 49 900 00	1,534 68
Totals, apparatus and appliances	\$8,000 00	\$5,580 57	\$884 75	\$6,465 32	\$1,534 68
ArmoryBuildings and grounds	\$100,000 00 50,000 00	\$ 3,720 10 30,797 84	\$5,300 39 5,957 59	\$ 9,020 49 36,755 43	\$90,979 51 13,244 57
Closed out Lincoln hall Natural history museum	3,407 79 3,480 84 1,111 37	3,407 79 1,128 16 135 84	1,372 36 143 47	3,407 79 2,500 52 279 31	980 32 832 06
Totals, cabinets	\$8,000 00	\$4,671 79	\$1,515 83	\$6,187 62	\$1,812 38

# EXPENDITURES—Continued.

,	Appropri- ation.	Expenditures before reported.	Expendi- tures this quarter.	Total expended.	Balance.		
Ceramics. Ceramics building. Chemical laboratory Clinic building. Cold storage. Commerce building. Crop experiments. Dairy barn. Dairy investments Drains, fences and repairs. Engineering bldg. & grounds. Engineering extension and	\$ 30,000 00 21,000 00 20,000 00 5,000 00 9,000 00 30,000 00 10,000 00 30,000 00 5,000 00 200,000 00	\$ 14,986 60 9,467 88 14,568 39 	\$ 4,583 83 6,223 79 4,151 98 	\$ 19,570 43 15,691 67 18,720 37 	\$10, 429 57 5, 308 33 1, 279 63 5, 000 00 9, 000 00 35, 790 09 9, 667 11 7, 009 48 3, 058 06 2, 162 26 38, 613 28		
maintenance— Closed out College. Experiment station Salaries	74,391 40 31,975 03 43,633 57 30,000 00	74, 391 40 5, 941 34 9, 632 48 2, 999 98	6,419 37 9,492 49 8,999 94	74,391 40 12,360 71 19,124 97 11,999 92	19,614 32° 24,508 60 18,000 08		
Totals, engineering, extension and maintenance	\$180,000 00	\$92,965 20	\$24,911 80	\$117,877 00	\$62,123 00		
Fire protection Florticulture Glass house. Graduate school Gymnasium Heating and lighting plant. Horticulture Household science.	\$ 3,000 00' 16,000 00 30,000 00 100,000 00 5,000 00 30,000 00 30,000 00 5,000 00	\$ 2,375 34 9,966 50 3,314 20 45,300 96 4,152 28 28,748 48 18,689 65 2,500 00	\$ 559 65 2,445 34 14,273 22 12,375 19 847 72 428 85 5,500 04 107 58	\$ 2,934 99 12,411 84 17,587 42 57,676 15 5,000 00 29,177 33 24,189 69 2,607 58	\$ 65 01 3,588 16 12,412 58 42,323 85 822 67 5,810 31 2,392 42		
Interest on endowment fund— Closed out	32,411 82 8,103 98 8,103 98	32,411 82 8,103 98 1,624 99	4.874 97	32,411 82 8,103 98 6,499 96	1,604 02		
Totals, interest on endowment fund	\$48,619 78	\$42,140 79	\$4,874 97	\$47,015 76	\$1,604 02		
Law building Law school Library Live stock specimens. Mines, investigation Mining building. Mining engineering Operating expenses— Closed out	\$ 15,000 00 50,000 00 50,000 00 22,500 00 10,000 00 25,000 00 30,000 00	\$ 3,822 70 25,644 33 24,662 12 14,196 78 6,344 52 8,909 08 9,358 20	\$ 5,876 59 7,065 39 7,005 10 2,598 05 1,185 03 11,643 16 3,265 30	\$ 9,699 29 32,709 72 31,667 22 16,794 83 7,529 55 21,552 24 12,623 50	\$ 5,300 71 17,290 28 18,332 78 5,705 17 2,470 45 4,447 76 17,376 50		
Comptroller's office. Furniture and fixtures Heat and light. High school visitor. Lectures President's office Printing and postage. Registrar's office. Salaries for instruction. Salaries for services. Summer session, 1912.	3, 270 00 5, 000 00 40, 000 00 2, 900 00 5, 000 00 2, 000 00 12, 000 00 4, 220 00 415, 000 00 97, 000 00 14, 027 91	545, 561 62 94 94 559 49 228 78 6, 856 80 303 17 315 50 688 41 1, 417 39 88, 752 57 21, 808 88 13, 537 83	704 64 639 87 679 36 11, 874 58 1, 273 63 1, 275 00 402 80 •2, 258 19 696 97 108, 663 14 24, 825 74 154 35	545, 561 62 799 58 1, 199 36 908 14 18, 731 38 1, 576 80 178 30 2, 946 60 2, 114 36 197, 415 71 46, 634 66 13, 692 18	1,700 42 2,070 64 4,091 86 21,268 62 1,323 20 4,825 00 1,281 70 9,053 40 2,105 64 217,584 29 50,365 38 335 73:		
Unassigned Totals, operating exp.	1,520 47 \$1,500,000 00	\$680,125 38	\$152,348 27	\$832.473 65	1,520 47 \$317,526 35		
Pavements and walks. Pharmacy, School of. Sheep building Shop practice. Social and political science. Soil investigation. Soil maps. Stock investigation. Telephone exchange University (Lincoln) hall. Veterinary college and resi-	\$ 8,000 00 20,000 00 2,000 00 12,000 00 150,000 00 50,000 00 50,000 00 3,000 00 250,000 00	\$ 3,913 21 12,913 33 1,992 44 9,216 97 25,636 51 85,212 80 11,253 32 30,702 05 1,790 01 249,397 85	\$ 2,840 07 5,349 99 4 95 1,713 39 6,324 67 22,457 01 5,803 33 11,236 45 100 03 151 35	\$ 6,753 28 18,263 32 1,997 39 10,930 36 31,961 18 107,669 81 17,056 65 41,938 50 1,890 04 249,549 20	\$ 1,246 72 1,736 68 2 61 1,069 64 18,038 82 22,330 19 32,943 35 8,061 50 1,109 96 450 80		
dence labratory Water investigation	30,000 00 30,000 00	25,965 41 15,156 73	43 34 4,372 71	26,008 75 19,529 44	3,991 25 10,470 56		

#### EXPENDITURES-Concluded.

	Appropriation.	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.
Water station	\$ 4,000 00 15,000 00 125,000 00	\$ 3,582 16 7,577 32 57,606 89	\$ 417 84 1,519 98 24,972 34	\$ 4,000 00 9,097 30 82,579 23	\$ 5,902 70 42,420 77
Total State appropriations	\$3,734,919 78	\$2,102,073 50	\$522,340 51	\$2,624,414 01	\$1,110,505 77

#### UNITED STATES APPROPRIATIONS.

-	Appropriation.	Expendi- tures before reported.	Expendi- tures this quarter.	Total expended.	Balance.	
Adams fund	\$15,000 00 314 51 15,000 00 67 21	\$2,584 89 1,844 78 3 84	\$ 3,474 35 3,552 69	\$6,059 24 5,397 47 3 84	\$8,940 76 314 51 9,602 53 63 37	
Agricultural college General	12,500 00 12,500 00	2,341 63	6,250 00 7,524 87	6,250 00 9,866 50	6,250 00 2,633 50	
Totals, Morrill	\$25,000 00	\$2,341 63	\$13,774 87	\$16,116 50	\$8,883 50	
Nelson fund— Agricultural college General	\$12,500 00 12,500 00		\$6, 250 00	\$6,250 00	\$ 6,250 00 12,500 00	
Totals, Nelson	\$25,000 00	<u></u>	\$6,250 00	\$6,250 00	\$18,750 00	
Totals, United States appropriation	\$80,381 72	\$6,775 14	\$27,051 91	\$33,827 05	\$46,554 67	
Grand totals	\$4,069,773 90	\$2,166,498 30	\$603,941 79	\$2,770,440 09	. \$1,299,333 81	

#### CASH SUMMARY.

Balance, September 30, 1912		\$639,010 72	
Chief clerkTreasurer (not including remittances of the chief clerk).	\$28,836 86 9,544 84		
Expenditures for the quarter		38,381 70	\$603.941 79
Balance, December 31, 1912— Chief clerk Treasurer (allowing for outstanding warrants)	\$19,100 41 54,350 22		73,450 63
		\$677,392 42	\$677, 392 42

# REPORT OF DAIRY MANUFACTURES, NOVEMBER, 1912. .

The Secretary presented a report from the department of dairy husbandry in regard to the financial transactions involved in the work in dairy manufactures for the month of November, 1912; this report being submitted in compliance with the request made by vote of the board at the meeting of December 19, 1912 (p. 149).

On motion of Mr. Moore, it was voted that Part One of this report, containing the summary, should be printed in the minutes, and that copies of the entire report should be transmitted to all the members of the board.

# REPORT OF DAIRY MANUFACTURES, NOVEMBER, 1912.

# PART I-SUMMARY.

# Dairy Manufactures' Income.

. 2009 220000				
Article.  Butter Buttermilk Skim milk Cream Cheese Miscellaneous Total Total income from sales Value of stock on hand November 30, 1	$ \begin{array}{r} 10\\ 35\\ 4\\ 55\\ 2\\ 00\\ \hline \$943\\ 74\\ 912$	\$1,261 54	-	Total. \$2,282 71 20 93 10 20 3 27 5 40 2 10  \$2,324 61 \$2,324 61 94 18
Total Less value of stock on hand October 3	l. 1912			95 04
Total income for November, 1912				\$2,135 39
,	*			
Daira	Purchases	,		
Dany	uicnusee		45	
Article. Butter fat	1	Amount purchased. \$1.639 16	aid patrons by dairy products. \$109 17	Vouchers issued. \$1,529 99 92 29
Totals Purchases from dairy patrons of butter Purchases from University dairy and 2 Purchases contest butter	fat 0 acres,	\$1,731 45 butter fat	\$109 17	\$1,622 28 \$1,639 16 97 30 92 29
Total purchases for November, 191	2	:	<i>.</i>	\$1,828 75
Sam	ımary.			
			•	
Cash sales and sales on account November, 1912	nber, 191	2	· · · · · · · · · · · · · · · · · · ·	\$2,324 61 1,828 75
Gross income for November, 1912	• • • • • • •			\$495 86
Cash	Stateme	ent.		,
Cash received for sales Nevember 1919	,			e 0/2 7/
Cash received for sales November, 1912 Cash received on account November, 19			-	
Total cash received and deposited i	n busine	ss office	• • • • • • • • • • •	\$2,237 45
		•		
Accounts	Receiva	ble.		•
Due on ledger October 31, 1912 Sales on account November, 1912				\$2,118 80 1,380 87
Total charges on ledger Less cash on account and paid patrons	by butte	r		\$3,499 67 1,402 88
Total due on ledger November 30, NOTE.—It will be noted that the a on account, \$2,324.61, exceeded the amo by \$495.86. See "Summary" above. Pounds butter left over from October. Pounds butter made during November. Pounds contest butter made into prints	mount re unt paid	eceived from out for milk	cash sales and cream	\$1,828.75,
Total butter to sell				6,235 5,958 277
Pounds contest butter received and sole Refrigerator count of butter November				—— b.235

# NEW LABORATORY FEES IN ENTOMOLOGY.

The secretary presented a recommendation from the Council of Administration, passed by that body on January 14, 1913, for the approval of the following new laboratory fees in entomology:

	8\$	
Entomology	9	1 50
Entomology	13	1 50
Entomology	14	1 50

On motion of Mr. Hatch, this recommendation of the council was approved.

# REPORT OF EXECUTIVE COMMITTEE MEETING, JANUARY 10, 1913.

The secretary presented for record a report of the meeting of the Executive Committee held on January 10, 1913:

January 11, 1913.

Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.

DEAR SIR: The Executive Committee and Mr. Zimmerman held a meeting at noon of January 10 in the office of the State Architect.

Present: W. C. Zimmerman, Fred L. Hatch and W. L. Abbott.

#### CONTRACT FOR STOCK JUDGING PAVILION.

The bids for the Stock Judging Pavilion, which were opened by the board on January 7, were considered together with the instructions of the board to the Executive Committee for the awarding of the contract [p. 159], and it was unanimously decided to award the contract for the building to English Brothers, of Champaign, on their proposal to complete the building in eight months for \$89,500, including in the contract an option to omit certain parts of the work as mentioned in paragraph "E" of the architect's specifications, in which event a deduction of \$10,000 from the contract price would be made.

The State Architect was directed to prepare a contract on the above basis.

The committee adjourned.

Respectfully submitted

Respectfully submitted,

W. L. ABBOTT, Chairman.

#### NEW PLANS FOR STOCK JUDGING PAVILION.

In this connection Professor White, Mr. Zimmerman, and Professor Mumford were heard in regard to the desirability of a re-study of the problem involved in the Stock Judging Pavilion.

On motion of Mr. Moore, it was voted to reconsider the action taken by the board at its meeting of October 8, 1912 (p. 129), approving the detailed plans for the Stock Judging Pavilion as presented at that time.

On recommendation of Professor James M. White, Supervising Architect, and on motion of Mr. Moore, it was voted that the plans for the Stock Judging Pavilion be referred back to the State Architect with instructions to re-study the problem in consultation with the representatives of the College of Agriculture, and to submit further plans.

Mr. Meeker moved that the action of the Executive Committee and the State Architect on January 10, 1913 (see above), in awarding the contract for the Stock Judging Pavilion to English Brothers, under the circumstances, be approved. This motion was passed, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore; noes, Mrs. Bahrenburg; absent, Mrs. Busey, Mr. Deneen.

At this point Mr. Meeker withdrew.

It was voted to refer the question of the legal status of the contract with English Brothers for the Stock Judging Pavilion to the Counsel of the University for report.

#### METHOD OF PAYMENT FOR DAIRY MATERIALS.

President Abbott presented the following communication from Professor George E. Frazer, Comptroller, with reference to the method of making payment for milk and cream used in the work in dairy manufactures:

January 23, 1913.

President Edmund J. James, University of Illinois.

January 23, 1913.

President Edmund J. James, University of Illinois.

Dear Sir: At the meeting of the Board of Trustees on January 7, 1913 [p. 159], a recommendation made by the chairman of the Finance Committee was approved providing that "the one in charge of dairy manufactures furnish a suitable bond and be empowered to deposit the necessary receipts from that department in a local bank and draw voucher checks over his signature for the purpose of paying farmers for dairy products delivered to our creamery."

As an administrative officer of the board, I am desirous of carrying out the will of the board in every respect. But after conferring with members of the Dairy Husbandry Department and members of the staff of the business office, it is my opinion that payments can be expeditiously made for dairy products without the creation of a separate cash fund in the hands of a member of the Dairy Husbandry Department. I have examined the bond of Mr. Oren E. Staples, Chief Clerk, and am of the opinion that there will be no objection to the drawing of checks for the purpose of paying for dairy products against the deposit made in his name at the First National Bank of Champaign. I respectfully recommend, therefore, that the chief clerk be authorized by the board to draw checks against his deposit as chief clerk, in payment of bills not exceeding \$50 certified to him for payment by the Dairy Husbandry Department, providing that the chief clerk shall be reimbursed for the amount of such checks in the same way that he is now reimbursed for petty cash payments.

My recommendation in this particular involves no departure from the present business procedure other than that of authorizing the chief clerk, under the direction of the comptroller, to pay out sums not exceeding \$50 by check as well as by cash.

I recommend, therefor, that the action taken by the board at its meeting on January 7, in regard to the method of payments on dairy materials, be reconsidered and that the plan I have herein suggested be adopted.

Very

It was voted to reconsider the action on this subject taken by the board at its meeting of January 7, 1913, (p. 159), and to approve the recommendation of the Comptroller as outlined in the foregoing letter. The vote was as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Busey, Mr. Deneen, Mr. Meeker.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# Meeting of February 12, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 2:30 r.m., on Wednesday, February 12, 1913, pursuant to the following notice which was sent out by the secretary on February 5, 1913:

Upon the call of the President, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room at the University, in Urbana, at 2:30 p.m., on Wednesday, February 12, 1913, to consider such matters as the committees of the board and the President of the University may submit, and such other business as may be duly presented.

When the board convened, the following members were present: Abbott, Mrs. Bahrenburg, Governor Dunne, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery. There were present, also: Mrs. Ellen M. Henrotin and Mr. John R. Trevett, members-elect of the Board of Trustees; Dr. D. A. K. Steele, Dr. Charles Davison, and Dr. E. L. Heintz, of the College of Physicians and Surgeons of Chicago; Dean O. A. Harker, Legal Counsel of the University, and President James.

# ACCEPTANCE OF THE PROPERTY OF THE COLLEGE OF PHYSI-CIANS AND SURGEONS; AUTHORIZATION FOR RE-OPENING OF THE MEDICAL SCHOOL.

President James presented the following statement with respect to the status of the question whether the University should reopen its Medical School:

The most important and urgent matter to be presented at this meeting is the

question whether the University will reopen its Medical School.

The people of Illinois owe a deep debt of gratitude to Governor John P. Altgeld

question whether the University will reopen its Medical School.

The people of Illinois owe a deep debt of gratitude to Governor John P. Altgeld for the keen interest which he took as Governor in the improvement of public education of all grades.

He was especially interested in the University of Illinois. He was the first Governor of the State to insist that this institution, which had started as a mere college of agriculture, should be developed into a comprehensive State University, serving the needs of the commonwealth in as complete and thorough a way as had been done for many years previous by such universities as Indiana, Michigan, Wisconsin, Minnesota, Iowa and Missouri. He urged upon the trustees and upon the Legislature the necessity of enlarging the scope of the University work to such an extent as to make the University of Illinois fairly comparable with other modern institutions of the same class. In pursuance of this object he urged the trustees to establish a law school, and the outcome was the present University Law School, which has become well established and is doing a useful public service. He moved, in his capacity as member of the Board of Trustees, that the Chicago College of Pharmacy should be taken over by the State and made a State school of pharmacy under the control of the Trustees of the University. The result is the School of Pharmacy of the University of Illinois, a well established and successful department of the institution.

He urged further very strongly that the University should establish and develop medical instruction, to be on a full par with the instruction in agriculture, engineering, etc., offered by the University. It was at a meeting held in Springfield during his administration and upon his initiative that the trustees approved the introduction of a bill providing for the acquisition of the College of Physicians and Surgeons in Chicago.

Owing to various circumstances which need not be described here, the school was affiliated instead of being acquired by the Unive

Surgeons in Chicago.

Owing to various circumstances which need not be described here, the school was affiliated instead of being acquired by the University.

As a result of this action, taken in the spring of 1897, the University of Illinois conducted a Medical School in affiliation with the College of Physicians and Surgeons from the 1st of October, 1897, and a Dental School in affiliation with the same institution from October, 1901, until August 31, 1910.

During this period of affiliation the University trustees requested the Legislature, at the session in January, 1907, to make an appropriation to the Trustees of the University so that they could acquire a plant by purchase or by construction for the conduct of the Medical School. By an overwhelming majority in both houses, an appropriation was made, amounting to three hundred and eighty-six

10,751 11

thousand dollars (\$386,000), for the purpose. This appropriation was vetoed by the Governor, along with other appropriations, on the ground that the Legislature had exceeded the sums available for appropriation.

On September 1, 1910, the University assumed full responsibility for the Medical and Dental schools, hiring the plant of the College of Physicians and Surgeons at a specified rental for the term of one year with an option for two years longer. At the session of the Legislature beginning in January, 1911, the University requested one hundred thousand dollars (\$100,000) per annum for the support of the Medical School. The Legislature granted the sum of sixty thousand dollars (\$60,000) per annum. Through a technical ruling, however, of the Supreme Court of the State that the constitutional forms had not been strictly observed in the passage of the bill by the Legislature, the University lost the appropriation and could not avail itself of the option offered for a second year's lease.

The College of Physicians and Surgeons thereupon gave notice that it would

could not avail itself of the option offered for a second year's lease.

The College of Physicians and Surgeons thereupon gave notice that it would no longer lease its property to the University, and announced that it would reopen a medical school in its own plant as soon as it gained possession of it.

The University, having no money with which to purchase or construct its own plant and no money with which to lease a plant, was compelled to close the Medical and Dental schools. This was done on June 30, 1912, and the College of Physicians and Surgeons opened a Medical School on the 1st day of July following, admitting to the school the students who were enrolled at that time in the University School of Medicine.

This action caused great constants and the contants when the school the surgeons of the school of Medicine.

of Medicine.

This action caused great consternation among the alumni of the University Medical School, and was viewed with much disfavor by many people who were interested in the progress of medical education and research.

A committee waited upon the Board of Trustees to ask whether if the alumni and other friends of medical education in Chicago would secure the capital stock of the College of Physicians and Surgeons and present the same to the Trustees of the University of Illinois, the University would accept the property and reopen its

indebtedness at present consists of the following obligations:		
I. (a) Due Chciago Board of Education, July 1, 1913	\$ 10,000	
(b) Due Chicago Board of Education, July 1, 1914	10,000	ŎΟ
(c) Due Chicago Board of Education, July 1, 1916	56,000	00
Interest on all these obligations at 5½ per cent per annum.		
II. Bonds secured by mortgage on the new Medical Building, due	100 000	00
1925, bearing 6 per cent interest	109,000	00
	CO 000	00
due July, 1932, bearing 6 per cent interest	60,000	UU
Total	\$245,000	00
The Board of Directors of the College of Physicians and Surgeons	φ449,000	00
adopted, for the present academic year ending June 30, 1913, a budget		
with an estimated income of	78,000	0.0
Estimated expense of operating Medical School	59,100	
Leaving a surplus of	\$18,900	00
From this surplus the interests on obligations, etc., had to be met.		
From a statement submitted by the President of the College of		
Physicians and Surgeons, under date of February 11, 1913, it appears		
that up to that date the sum of	\$67,786	44
had been collected. There was still due on fees from students the		
sum of	15,749	50
If this latter sum should all be collected, the total income of the year		
would be	\$83,535	94
or an excess of \$5,535.94 above the estimated income. It is not		
probable, however, that all the fees due from students will be col-		
lected, and the deficit in the collection of these would represent a corresponding diminution in the total income of the year. The expenses		
have not thus far outrun the estimate of the budget. The floating		
indebtedness of the institution has been entirely paid off, and the		
indeptedness of the institution has been entirely part on, and the		

cash balance in the treasury to be turned over to the credit of the

University Medical Department is ......

If the Board of Trustees desire at this meeting to accept the property now tendered by the College of Physicians and Surgeons in accordance with the vote of the board of September 19, 1912, it would seem proper to adopt the following

resolutions:

1. That the Board of Trustees hereby accept the gift of the real and personal property of the College of Physicians and Surgeons in the city of Chicago, subject to the mortgage and bonded indebtedness of two hundred forty-five thousand dollars (\$245,000), disclaiming, however, all responsibility for the assumption or payment of this indebtedness.

2. That the University accept from the College of Physicians and Surgeons the cash now in their possession, amounting to ten thousand seven hundred fifty-one dollars and eleven cents (\$10,751.11) more or less, and the notes and obligations, etc., which may be due the College of Physicians and Surgeons from students or others, and hereby authorize the treasurer of the University to accept such gift.

3. That the President of the University be authorized to re-open the Medical School of the University in the plant thus presented to the Trustees of the University of Illinois.

4. That the President of the University be authorized to retain the present faculty and employees as appointed by the College of Physicians and Surgeons

faculty and employees as appointed by the Cohege of Physicians and Surgeons until June 30, 1913.

5. That the President of the University be further authorized to admit the students now in the Medical School of the College of Physicians and Surgeons the corresponding classes in the Medical School of the University of Illinois, all to be done as soon as may be convenient and practicable.

6. That the President of the University be authorized to conduct the Medical School of the University until June 30, 1913, on the basis of the budget adopted by the Board of Directors of the College of Physicians and Surgeons for the present academic year as indicated above.

present academic year as indicated above.

On motion of Mr. Hatch, it was voted to adopt the resolutions, numbered one to six, suggested in the foregoing statement by the President of the University. The vote\* was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit; noes, none; present, but not voting, Mrs. Bahrenburg, Mr. Dunne, Mr. Montgomery; absent, Mr. Blair, Mrs. Busey, Mr. Meeker, Mr. Moore.

# RECESS TAKEN TILL 6:30 P.M.

A recess was then taken till 6:30 p.m., at the Beardsley Hotel, in Champaign, in order that the members of the Board of Trustees might attend the exercises in connection with the dedication of Lincoln Hall.

W. L. Abbott, President.

C. M. McConn. Secretary.

\* President James has received the following letter relating to this matter from Mr. Arthur Meeker. a member of the board who could not be present at this meeting:

CHICAGO, February 15, 1913.

Edmund J. James, Esq., President University of Illinois, Urbana, Illinois:

DEAR DOCTOR JAMES—I beg to inform you that I endorse heartly the action of the Board of Trustees of the University of Illinois on February 12, 1913, in accepting the property, real and personal, of the College of Physicians and Surgeons in the city of Chicago.

Yours very truly,

ARTHUR MEEKER.

Letters of similar purport have been received also by President James from Hon. Francis G. Blair, State Superintendent of Public Instruction, ex-officio a member of the board, and from Mr. Allen F. Moore, neither of whom could be present at this meeting but both of whom were present at the meeting of the board held on September 19, 1912, at which the vote in regard to the acceptance of the property of the College of Physicians and Surgeons referred to in the president's statement was taken.

# EVENING SESSION, FEBRUARY 12, 1913.

When the board convened at the Beardsley Hotel, in Champaign, on the evening of Wednesday, February 12, 1913, the following members were present: Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery. There were present, also: Mrs. Ellen M. Henrotin, member-elect of the Board of Trustees; Dr. David Kinley, Dean of the Graduate School; Dean O. A. Harker, Legal Counsel of the University, and, during a part of the evening, Mr. H. D. Oberdorfer, Assistant to the Supervising Architect.

# MATTERS PRESENTED FOR THE PRESIDENT OF THE UNIVERSITY.

Dean Kinley, acting for President James, presented the following matters for consideration:

# RESIGNATION OF PROFESSOR GREENE AS DEAN OF THE COLLEGE OF LITERATURE AND ARTS.

(1) A letter from Professor Evarts B. Greene, asking that he be permitted to resign his position as Dean of the College of Literature and Arts, this resignation to be effective February 1, 1913, owing to his desire to devote more time to his teaching and scientific work.

#### APPOINTMENT OF PROFESSOR DANIELS AS ACTING DEAN CONTINUED.

(2) A recommendation that Professor A. H. Daniels be continued as Acting Dean of the College of Literature and Arts until further notice.

On motion of Mrs. Bahrenburg, it was voted to accept the resignation of Professor Greene as Dean of the College of Literature and Arts, and to continue the appointment of Professor Daniels as Acting Dean until further notice.

#### ACCEPTANCE OF TRANSPORTATION BUILDING.

(3) The following letter from Dr. W. F. M. Goss, Dean of the College of Engineering, reporting the formal acceptance of the Transportation Building from Messrs. V. Jobst & Sons, the contractors.

This letter was received for record:

URBANA, ILL., January 2, 1913.

President Edmund J. James, University of Illinois.

Described by States, Onwersty of Inthots.

Dear Sir: I beg to report for your information that under date of December 31, 1912, I approved a recommendation from the supervising architect to the effect that the Transportation Building be formally accepted from V. Jobst & Sons, the contractors. This action on my part is in accordance with an action of the Board of Trustees taken September 19, 1912 [p. 120], providing for the settlement of this contract "on the receipt of certificates from the supervising architect, the State Architect, and the Dean of the College of Engineering that the contract has been satisfactorily completed."

Respectfully submitted, W. F. M. Goss.

#### GIFT OF AN AUTOMATIC CONTROLLER FOR ELECTRIC MOTORS.

(4) A letter from Dr. W. F. M. Goss, Dean of the College of Engineering, reporting a gift to the University from the Electrical Controller and Manufacturing Company of Cleveland, Ohio, through Mr. C. A. Pirtle, Vice-President and Sales Manager, of an elaborate set of apparatus designed to control automatically the rheostat action in field and armature circuits of an electric motor, in the place of manual control, which hitherto has required skillful manipulation.

It was voted to accept this gift, and to authorize the President of the University to extend the thanks of the Board of Trustees to Mr. Pirtle and to the Electric Controller and Manufacturing Company.

# LEAVE OF ABSENCE FOR PROFESSOR CARNAHAN.

(5) A request, approved by Acting Dean Daniels of the College of Literature and Arts, from Dr. D. H. Carnahan, Associate Professor of Romance Languages, for a year's leave of absence, on half salary, beginning September 1, 1913, and ending August 31, 1914, for the purpose of study in Europe.

On motion of Mrs. Evans, it was voted that the President of the University be authorized to grant such leave of absence to Professor Carnahan, if suitable arrangements can be made for his work in his absence.

#### PLAN FOR PROVIDING SWIMMING TRUNKS IN THE MEN'S GYMNASIUM.

(6) A request from Mr. George Huff, Director of Physical Training for Men, that he be permitted to furnish swimming trunks to be used by every one using the swimming pool in the gymnasium, and to have these trunks laundered; the whole matter to be taken care of exactly as the clean towel system is now managed [p. 67], and without additional expense to the students.

On motion of Mr. Hatch, this request was granted.

#### APPOINTMENT OF AN INSTRUCTOR IN ROMANCE LANGUAGES.

(7) A recommendation that the President of the University be authorized to appoint Mr. Benjamin M. Woodbridge to be instructor in romance languages for the academic year beginning September 1, 1913, at a salary of twelve hundred dollars (\$1,200) for the year.

On motion of Mrs. Bahrenburg, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### APPOINTMENT OF AN INSTRUCTOR IN PHOTOGRAPHY.

(8) A recommendation that the President of the University be authorized to appoint Mr. Arthur G. Eldredge to be instructor in photography and head of the Photographic Laboratory, at a salary not to exceed twenty-five hundred dollars (\$2,500) per annum.

On motion of Mr. Hatch, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

# REQUEST FROM THE ILLINOIS STATE PHARMACEUTICAL ASSOCIATION FOR A SCHOOL OF PHARMACY BUILDING.

(9) A request from the Illinois State Pharmaceutical Association that the Board of Trustees include in their legislative askings for the coming biennium a request for two hundred thousand dollars for the purchase of a site and the erection and equipment of buildings in the city of Chicago for the School of Pharmacy. This communication was received to be printed in the minutes:

CHICAGO, November 21, 1912.

President Edmund J. James, University of Illinois, Urbana, Ill.

Dear President James: At the semi-annual meeting of the officers and Executive Committee of the Illinois Pharmaceutical Association held in Chicago yesterday the following resolution was adopted:

The Illinois Pharmaceutical Association respectfully petitions the Trustees of the University of Illinois to include in their legislative askings at the coming session of the Legislature the sum of \$200,000 to purchase a site in Chicago and erect and equip a building for the School of Pharmacy.

The Illinois Pharmaceutical Association at two annual conventions has adopted resolutions asking that such an appropriation be granted. The association desires to call respectful attention to the desirability of a permanent home for the school, where suitable equipment could be provided without the need of considering questions of removal, etc. We also ask that the advantage to druggists generally in housing and providing for a pharmaceutical library, based on the nucleus now offered by the library of the school, be considered.

Suitable sites for the purpose are becoming more difficult to locate and increasing in cost each year. We deem this a favorable time to ask for this appropriation, and we pledge our earnest efforts to aid in securing it.

The association appointed a committee and authorized the expenditure of a sum not to exceed \$250 by this committee in enlisting the support of the druggists throughout the State for this measure.

Very respectfully,

Very respectfully, W. B. DAY, Secretary.

#### REPORT ON SUIT AGAINST WALSH ESTATE.

(10) The following report from Dean O. A. Harker, Legal Counsel of the ersity, in regard to the suit of the Board of Trustees against the estate of University, in r John R. Walsh.

This report was received to be printed in the minutes:

#### REPORT OF LEGAL COUNSEL.

In re the Board of Trustees of the University of Illinois v. the Estate of John R. Walsh.

To President James and the Board of Trustees of the University of Illinois:

As legal counsel I beg leave to report that suit was brought against the defendant estate in the Probate Court of Cook County at its August term, 1912. The cause was called for trial, and trial begun on the 31st day of December. Owing to the large number of vouchers, bills, and receipts upon which the Board of Trustees based their right of action against John R. Walsh as a guarantor of the lease executed by the Board of Trustees to Dr. Baldwin, and which were offered in evidence, further hearing was deferred until an opportunity should be

given attorneys for the estate and attorneys representing creditors of the estate to make an examination of the same. The cause was continued until the 24th of January, 1913, at which time it was again taken up. The result of the trial was a judgment in favor of the claimant for \$11,372.16. The judgment covered all of our claim except a few items which were rightfully rejected. In addition to that the court allowed interest since the termination of the lease.

I have no definite information as to when the administration of the John R. Walsh estate will be concluded, and am unable to give any advice at this time as to the probable amount of the judgment that will be paid.

Respectfully submitted,

O. A. HARKER, Legal Counsel.

Urbana, Ill., February 6, 1913.

Urbana, Ill., February 6, 1913.

# REQUEST FROM THE ALUMNI ASSOCIATION OF THE COLLEGE OF DENTISTRY FOR THE REOPENING OF THE COLLEGE OF DENTISTRY.

(11) A request from the Alumni Association of the College of Dentistry that the University reopen its College of Dentistry, which was closed on June 30, 1912. This communication was received to be printed in the minutes:

To the President and Board of Trustees, University of Illinois.

Gentlemen: The closing of the Dental Department of the University of Illinois has been a great loss to dental education in Chicago and throughout the whole country. This is indeed deplorable at a time when both the physician and the dentist are insisting on a more comprehensive training for the practice of dentistry. The most discussed question in the medical world today is the influence of diseased conditions of the mouth upon the general physical economy.

The leaders in dental education are today agitating the question of enlarging the dental curriculum; of giving the dental student a broader and better preparation that he may meet the new demands being made by the medical world and society generally.

society generally.

Don't that he may meet the new demands being made by the medical work and society generally.

Dentistry is now recognized as one of the largest elements in preventive medicine. The people need the highest type of dentistry as they need the highest type of general surgery and general medicine.

The State has no greater responsibility than the education of the men who are to look after the health of her citizens. There is a definite causal relationship between health and morals. The University of Illinois can do no greater work than to prepare men to keep the people well.

We are requesting that you take steps to reorganize the Department of Dentistry. In this you will have the hearty support of the leading dental college in Chicago, and over 90 per cent of the dentists of Illinois. Any opposition will come only from those who are engaged in a type of educational work, purely commercial in purpose, which will be hurt by a high class school.

We have every reason to believe that the Legislature, now in session, will grant the request of your body for a small appropriation for the purpose.

We the undersigned, members of the Alumni Association, stand pledged to do all in our power to bring about the reopening of the Dental College, and will gladly undertake any task you may see fit to assign.

We believe our request will appear to both as a pleasure and a duty.

[Signed by one hundred twenty-five of the alumni of the College of Dentistry.]

[Signed by one hundred twenty-five of the alumni of the College of Dentistry.]

# DOCTOR'S BILL OF WALTER JONES PAID.

President Abbott presented a letter from Mr. H. D. Oberdorfer, Assistant to the Supervising Architect, reporting the case of Mr. Walter Jones, a student working for the Superintendent of Buildings, who, on December 29, 1912, had three of his fingers cut off in the cogs of one of the deep well pumps, and who is asking that the University pay his doctor's bill, amounting to thirty dollars (\$30).

On motion of Mr. Montgomery, this bill was allowed, the vote being as Ayes, Mr. Abbott, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; present but not voting, Mrs. Bahrenburg; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

# RESIGNATIONS OF THE BOARD OF DIRECTORS OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

President Abbott presented the resignations of all the members of the Board of Directors of the College of Physicians and Surgeons placed in his hands, to be accepted by the Board of Trustees at such time as shall seem best to the board.

These resignations were placed in the custody of Dean O. A. Harker, Legal Counsel of the University, who was present.

#### REPORT OF PROGRESS ON BUILDINGS.

Mr. H. B. Oberdorfer, Assistant to the Supervising Architect, made an informal report of progress on the new plans for the Stock Judging Pavilion, and also a report of the progress of the work on the new Armory.

#### MINUTES APPROVED.

The secretary presented the minutes of the meeting of January 25, 1913, which, on motion of Mrs. Evans, were approved.

# APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by President James to fill vacancies in positions authorized by the Board of

Back, Robert, Research Assistant in Ceramics, for five months beginning February 1, 1913, at a salary of seventy-five dollars (\$75) a month. (February 4, 1913.\*)

1913.\*)

Brown, James F., Assistant in Military Science, for five months beginning February 1, 1913, at a salary of twenty dollars (\$20) a month, vice H. C. Thompson, declined. (February 3, 1913.)

Chittenden, Alfred K., Lecturer on Timber and Timber Resources in the College of Engineering, and Assistant to the Director of the Engineering Experiment Station, for one year beginning February 1, 1913, at a salary of twenty-seven hundred fifty dollars (\$2,750) for the year. (January 28, 1913.)

Davis, Lloyd H., Graduate Assistant in Bacteriology, for five months beginning February 1, 1913, at a salary of thirty dollars (\$30) a month. (February 8, 1913.)

February 1, 1913, at a salary of thirty dollars (\$30) a month. (February 5, 1913.)

Domonoske, Arthur Boquer, Instructor in Machine Design, for five months beginning as soon as he reports for service, at a salary of one hundred forty dollars (\$140) a month. (January 29, 1913.)

Fairhall, L. T., Special Laboratory Assistant in the State Water Survey, on half time, from January 27, 1913, to June 15, 1913, at a salary of thirty dollars (\$30) a month. (January 29, 1913.)

Hill, Frank E., (formerly Assistant in English on half time), Assistant in English on full time, for five months beginning February 1, 1913, at a salary of eighty dollars (\$80) a month, vice P. J. Batkin, resigned. (February 6, 1913.)

Wing, Alice L., Temporary Catalog Assistant in the Library, for three months beginning February 15, 1913, or as soon thereafter as she reports for service, at a salary of seventy-five dollars (\$75) a month. (February 8, 1913.)

Woodbridge, Benjamin M., Instructor in Romance Languages, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (February 6, 1913.)

# AVERAGE AGES OF STUDENTS OF THE COLLEGE OF ENGINEERING.

The secretary presented, by request of President James, the following table compiled by Assistant Dean Miller, of the College of Engineering, showing the average ages of the several classes in the College of Engineering in September, 1911, and in September, 1912.

This table was received to be printed in the minutes:

AVERAGE AGES OF STUDENTS OF THE COLLEGE OF ENGINEERING.

Freshmen Entering September, 1911. Age ....... 24+ 23+ 22+ 21+ 20+ 19+ 18+ 17+ 16+ 15+ No. of Men... 2 5 15 47 72 112 75 32 6 1 19 yrs., 8 mos.

Sophomores Entering September, 1911.

Age ........ 
$$25+24+23+22+21+20+19+18+17+16+$$
 No. of Men...  $5$  9 20 29 52 85 75 29 5 ... 20 yrs., 8 mos.

Juniors Entering September, 1911.

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Age ....... 26+ 25+ 24+ 23+ 22+ 21+ 20+ 19+ 18+ 17+ No. of Men... 5 6 15 18 56 71 60 33 5 .. 21 yrs.. 7 mos.
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<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

#### Seniors Entering September, 1911.

Age .......  $27+\ 26+\ 25+\ 24+\ 23+\ 22+\ 21+\ 20+\ 19+\ 18+$  No. of Men... 3 13 14 15 42 45 47 18 2 ... 22 yrs., 10 mos.

#### Freshmen Entering September, 1912.

Age ....... 24+23+22+21+20+19+18+17+16+15+No. of Men... 3 8 18 33 73 83 83 13 2 ... 19 yrs. 6 mos.

#### Sophomores Entering September, 1912.

## Juniors Entering September, 1912.

 $0 \cdot \dots \cdot 26 + 25 + 24 + 23 + 22 + 21 + 20 + 19 + 18 + 17 + 23 \cdot 32 \cdot 50 \cdot 83 \cdot 58 \cdot 25 \cdot 2 \cdot \cdot 21 \text{ yrs., } 9 \text{ mos.}$ 

#### Seniors Entering September, 1912.

#### MINUTES OF EXECUTIVE COMMITTEE MEETING. FEBRUARY 1, 1913.

The secretary presented the minutes of a meeting of the Executive Committee held at the University Club in Chicago, on February 1, 1913, which were received for record.

February 4, 1913.

Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.

DEAR SIR: A meeting of the Executive Committee was held in the University Club, Chicago, February 1.

Present: Messrs Grout, Hatch, and Abbott, members of the committee. There were also present Dean Harker, Comptroller Frazer, and Treasurer Haugan from the University, and Drs. Steele, Pusey, and Musgrave of the College of Physicians and Surgeons. Later Dr. Harsha, also of the College of Physicians and Surgeons, came in came in.

The following matters were presented by the chairman:

#### APPOINTMENTS IN THE COMPTROLLER'S OFFICE AUTHORIZED.

(1) A letter from President James, recommending that he be given authority to appoint:

(1) A man stenographer in the comptroller's office, familiar with accounting dictation, at a salary not to exceed \$85 a month.

2. An assistant in the comptroller's office, experienced in the inspection of accounting and business methods, at a salary not to exceed \$140 a month. The recommendation was concurred in.

## AUTHORITY TO RECEIVE BIDS AND AWARD A CONTRACT FOR UNIFORMS.

(2) A letter from Major B. C. Morse, Professor of Military Science, submitting for approval:

Form of proposal for uniforms, Form of bids,

Form of blue, Form of advertisement; and requesting that he be authorized to advertise for bids and that a committee be appointed with power to receive and open bids and award a contract for uniforms. President James, in a notation on the letter, recommended that the

Recommendation concurred in.

#### CASE OF INJURY TO A STUDENT WORKMAN.

(3) A letter from Mr. H. D. Oberdorfer, of the supervising architect's office, advising of an injury to a student workman whose fingers were caught in moving machinery. With the letter was enclosed a doctor's bill for treating the injured hand.

The matter was referred to the board for consideration.

## EXPERT EMPLOYED TO REPORT ON HAZARDOUS CONDITIONS.

(4) The chairman recommended that, for the purpose of eliminating conditions hazardous to workmen and others, he be authorized to engage an expert to inspect carefully the machinery and equipment of the University and report all hazardous conditions, together with recommendations for a way to remove the hazard and an estimate of its probable cost. The chairman further recommended an appropriation of \$50 for the expenses and fee of the expert.

Recommendation approved.

## STOCK OF THE COLLEGE OF PHYSICIANS AND SURGEONS DONATED.

(5) The chairman reported that on January 30 Dr. D. A. K. Steele, acting for the Alumni Association of the College of Medicine, brought to the office of the President of the Board of Trustees a package containing 139 certificates of stock of the College of Physicians and Surgeons, comprising 2,170 shares. These certificates, representing the entire capital stock of that corporation, and being all endorsed in blank and witnessed, were then and there given to the President of the Board and by him accepted for the board in fulfillment of the board's action taken at its meeting September 19, 1912 [page —], prescribing the terms under which the board would accept the capital stock of the College of Physicians and Surgeons. After counting and accepting the stock certificates, the President of the Board delivered them into the custody of Treasurer Haugan for safekeeping.

Treasurer Haugan produced the stock certificates at the meeting of the Executive Committee, and he and Comptroller Frazer again counted the stock represented by the certificates, and verified the previous count that it was found to comprise 2,170 shares, including one certificate for seven shares issued January 30, 1913, to the Board of Trustees of the University of Illinois.

President Steele and Secretary Harsha of the College of Physicians and Surgeons stated that 2,170 shares represented the entire issue of the capital stock of that corporation and that they would furnish a legal certificate to that effect.\*

The Executive Committee approved the action of the president in accepting the stock for the board in fulfillment of its action of September 19, 1912, and requested the officers of the Board of Directors of the College of Physicians and Surgeons to make out new certificates of stock in the names of the members of their Board of Directors and have the certificates endorsed in blank and delivered to Treasurer Haugan in exchange for the certificates which he held in custody and which should then be canceled.

President Steele was also requested

The committee adjourned.

Respectfully submitted,

W. L. ABBOTT, Chairman.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

<sup>\*</sup> A certificate to this effect, signed by Wm. M. Harsha, Secretary of the Corporation of the College of Physicians and Surgeons, and attested by the seal of the said college, was furnished to the President of the Board of Trustees of the University under date of February 6, 1913.

## Meeting of March 5, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12 m., on Wednesday, March 5, 1913, pursuant to the following notice which was sent out by the secretary on February 25, 1913:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in the city of Chicago, on Wednesday, March 5, 1913, at 12:00 M., for the consideration of the requests to be made of the present General Assembly for appropriations for the University, and of such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore. President James was also present, and Mr. W. Carbys Zimmerman, State Architect, was in attendance during a part of the afternoon.

President Abbott requested Mr. Fred L. Hatch, the senior member of the board and formerly president of the board, whose term expires on March 11, to take the chair. Mr. Hatch presided throughout the afternoon.

#### MINUTES APPROVED.

The secretary presented the minutes of the special meeting of February 12, 1913, which, on motion, were approved.

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by President James to fill vacancies in positions authorized by the Board of Trustees:

Gentry, William S., Jr., Assistant in Architectural Construction, for five months beginning February 1, 1913, at a salary of one hundred dollars (\$100) a month. (February 14, 1913.)\*

Knorr, Lynn E., Assistant to the Comptroller, at a salary of one hundred forty dollars (\$140) a month, beginning as soon as he reports for service and continuing until further notice or until August 31, 1913. (February 17, 1913.)

Spencer, E. R. (fomerly Scholar in Psychology), Assistant in Psychology, for five months beginning February 1, 1913, at a salary of fifty dollars (\$50) a month. (February 17, 1913.)

Strom, Sigurd, Stenographer in the Comptroller's Office, at a salary of eighty-five dollars (\$85) a month, beginning March 3, 1913, and continuing until further notice or until August 31, 1913. (March 4, 1913.)

#### MODIFIED PLANS FOR THE STOCK JUDGING PAVILION APPROVED.

Mr. W. Carbys Zimmerman, State Architect, submitted a set of modified plans for the Stock Judging Pavilion.

The secretary reported that he had laid before Dean Harker, the Legal Counsel of the University, the question as to the legal status of the contract with English Brothers for this building (this point having been referred to the counsel at the meeting of January 25, 1913, page —); and that Dean Harker had given it as his opinion, first, that the vote of the Executive Committee (taken January 10, 1913; reported to the board and approved

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

January 25, 1913, page —) awarding the contract for this building to English Brothers constitutes a legal contract with that firm irrespective of the signing of a formal document by the officers of the board; and, second, that the plans for this building may be restudied and plans considerably different from the ones on which the bids were made may finally be approved without invalidating this contract, and that in such case the board would be justified in making adjustments with English Brothers as to the terms of the contract and allowing them to erect the building under that contract without calling for new bids.

The State Architect recommended that English Brothers be authorized to proceed with the erection of the Stock Judging Pavilion in accordance with the modified plans before the board, provided that the changes in the plans are approved by the Supervising Architect of the University; provided, further, that the amounts of deductions and additions are satisfactory to the Supervising Architect of the University; and, provided, further, that the counsel of the University shall file a written opinion confirming the oral opinion given by him to the secretary of the board as reported above.\*

On motion, the foregoing recommendation of the State Architect was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none: absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker,

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### DEPOSIT TO BE CHARGED FOR KEYS.

(1) A recommendation from the Council of Administration, passed at the council meeting of February 11, 1913, that a deposit of 50 cents should be charged for every key issued by the University for any building, room, or desk.

On motion of Mr. Abbott, this recommendation was approved.

#### LEASE OF SULLIVAN LAND.

(2) A communication from Dr. Eugene Davenport, Dean of the College of Agriculture, stating that Mr. H. W. Mumford, Professor of Animal Husbandry, acting as agent for the Board of Trustees, had on January 22, 1912, leased from Mr. William Sullivan, of Champaign, the following described property, namely, the southeast quarter of the southeast quarter of section nineteen (19), and the northwest quarter of the northeast quarter of section thinty (30), township nineteen (19) north, range nine (9) east of the Third (3d) Principal Meridian in the

Through your secretary I am asked to render an opinion concerning the award of the contract for the construction of the Stock Judging Pavilion to English Bros.

Through your secretary I am asked to render an opinion concerning the award of the contract for the construction of the Stock Judging Pavilion to English Bros.

As I understand it, the board referred the bids, which had been opened, to the Executive Committee and the State Architect with instructions to accept Alternate "B" minus "E" and with power to act. Although the bid of Mr. Stochman was the lowest of the four opened [i.e., on "B" minus "E;" in Alternate "B" taken by itself (the building complete within eight months), English Brothers' bid, which was the bid accepted, was the lowest], such reference did not limit the Executive Committee to the authority to accept his bid and enter into a contract. The reasonable construction to place upon that action of the board was to authorize the Executive Committee to contract for the construction of the building within eight months with the deductions provided under "E." While it is true that the Executive Committee and the State Architect on January 10, 1913, exceed the authority which had been given them, their action was approved by the Board of Trustees at its session of January 25. The awarding of the contract, therefore, to English Bros, may be considered as board action, irrespective of the action taken by the Executive Committee and State Architect. Now, if the terms of the contract with English Bros, were there agreed upon and it was voted that a contract should be drawn up embodying those terms (to be signed by English Bros, and the President of the board) and if English Bros, have compiled by signing the written instrument and have done all other things required of them to make the contract a complete one, it would be at law regarded as a legal contract, irrespective of the signing of the document have been fulfilled, the board cannot insist that there was not a contract.

As to the second question, to-wit, whether the board will be justified in making changes and adjustments with English Bros, as to the terms of the present contract and allowing them to e

O. A. HARKER Legal Counsel

st IN RE THE CONSTRUCTION OF THE STOCK JUDGING PAVILION. To the Board of Trustees of the University of Illinois:

county of Champaign, containing eighty (80) acres more or less, for the use of the University, for a tem of five years beginning March 1, 1912, and ending March 1, 1917, at an annual rental of eight hundred dollars (\$800); and that at the same time Mr. Sullivan had given to Mr. Mumford, for the benefit of the University of Illinois, an option on the purchase of the above described land, if the purchase money be paid on or before the first day of March, 1914, for the sum of forty thousand dollars (\$40,000).

It was voted that the officers of the Board of Trustees be authorized to sign the lease described above, and also that due note be made of the accompanying option. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

## PETITION FROM THE ILLINOIS VIGILANCE ASSOCIATION.

(3) A petition from the Illinois Vigilance Association that the Board of Trustees of the University should plan for a Department of Moral Sanitation, having for its purpose the study of the nature and cause of morbid and immoral conditions and of plans for the promotion of public integrity.

This petition was received to be filed.

## APPRAISAL OF BUILDINGS AND GROUNDS AND VALUED AND UNVALUED INVENTORY.

(4) A recommendation that the President of the University be authorized to obtain a careful and impartial appraisal of the value of the buildings, grounds, and equipment of the University, and also to have prepared an adequate valued and unvalued inventory of the property of the University.

On motion of Mr. Blair, this recommendation was approved.

#### TRANSFER OF FUNDS IN THE AGRICULTURAL EXPERIMENT STATION.

(5) A recommendation that the sum of fourteen hundred dollars (\$1,400), remaining unused, by reason of Dr. Burrill's resignation, out of the appropriation of four thousand dollars (\$4,000) made by the board in the last budget from the Hatch fund to the Department of Botany in the Agricultural Experiment Station, be transferred to the Department of Dairy Husbandry in the Agricultural Experiment Station.

On motion of Mr. Abbott, this recommendation was approved.

#### APPOINTMENT OF AN INSTRUCTOR IN THE ENGLISH DEPARTMENT.

(6) A request from Dr. A. H. Daniels, Acting Dean of the College of Literature and Arts, that Mr. George Frisbie Whicher be appointed Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month, in place of Mr. L. G. Painter.

On motion of Mr. Blair, this recommendation was approved.

#### LEAVE OF ABSENCE FOR PROFESSOR WELLS.

(7) A request from Mr. Newton A. Wells, Professor of Architectural Decoration, endorsed by Professor F. M. Mann, head of the Department of Architecture, and Dr. W. F. M. Goss, Dean of the College of Engineering, for leave of absence on half pay for the academic year beginning September 1, 1913, for the purpose of study in Europe.

On motion of Mrs. Evans, it was voted to grant this request of Professor Wells, provided the President of the University finds it possible to make arrangements for the care of Professor Wells' work during his absence.

## COPIES OF CONTRACTS TO BE FILED IN THE COMPTROLLER'S OFFICE.

(8) A communication from Professor George E. Frazer, Comptroller, stating that he finds several contracts outstanding under which the University is obligated which are not matters of record in his office, and recommending that no contract entered into by or for the Board of Trustees of the University of Illinois shall be regarded as completed until a copy of the contract and of the correspondence or other necessary information concerning it shall be filed in the comptroller's office.

On motion of Mr. Montgomery, this recommendation was approved.

#### CANCELLATION OF OLD UNPAID WARRANTS.

(9) A communication from Professor George E. Frazer, Comptroller, calling attention to the fact that various unpaid warrants issued many months ago are still outstanding, and suggesting that such unpaid warrants outstanding for more than one year shall be canceled, so that in all such cases authority shall be secured anew for the issuance of new warrants.

On motion of Mr. Moore, this suggestion of the comptroller's was referred to the Finance Committee for consideration and report.

## ADDITIONAL REMUNERATION FOR THE ACTING DIRECTOR OF THE COURSES IN CERAMICS.

(10) A recommendation that Mr. R. T. Stull, Associate in Ceramics, who, owing to the resignation of Professor A. V. Bleininger after the opening of the academic year and the impossibility of finding any one to take his place, has been performing the duties of Director of the Courses in Ceramics in addition to his other duties, be given an additional remuneration of three hundred dollars (\$300) for this extra service as Acting Director of the Courses in Ceramics for the present academic year.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

## APPOINTMENT OF AN ASSISTANT PROFESSOR OF DAIRY BACTERIOLOGY.

(11) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that Mr. Martin John Prucha be appointed Assistant Professor of Dairy Bacteriology in the College of Agriculture and Assistant Chief in Dairy Bacteriology in the Agricultural Experiment Station, for three years, beginning as soon as he reports for service in Urbana, at a salary of twenty-five hundred dollars (\$2,500) per annum.

On motion of Mr. Blair, the President of the University was authorized to make this appointment on the terms indicated, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### RATES OF TUITION IN THE COLLEGE OF MEDICINE.

(12) The following communication from Professor George E. Frazer, Comptroller, in regard to the rates of tuition in the College of Medicine for the current year:

URBANA, ILL., March 1, 1913. President Edmund J. James, University of Illinois.

DEAR SIR: Superintendent William H. Browne of the College of Medicine reports to me that the rates of tuition in force in the College of Physicians and Surgeons for the present school year are as follows:

		Sophomore Year.		Senior Year.
Matriculation		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Laboratory	. 20 00	20 00	5 00	

\$145 00 \$145 00 \$150 00

I respectfully request that these rates of tuition be officially adopted for the College of Medicine of the University of Illinois.

Very truly yours, Geo. E. Frazer, Comptroller.

On motion of Mr. Montgomery, the foregoing recommendation of the comptroller was approved.

### APPROPRIATION FOR GYMNASIUM LOCKERS.

(13) A recommendation from Professor George E. Frazer, Comptroller, that an appropriation of six hundred five dollars and one cent (\$605.01) be made to the budget account entitled "Department of Physical Training, Men, Incidentals," to cover bills for gymnasium lockers purchased last autumn.

On motion of Mr. Moore, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr.

Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ENTRANCE REQUIREMENTS FOR THE COLLEGE OF LAW.

(14) A recommendation from the Advisory Board of the College of Law, consisting of Messrs. George E. Drennan, of Chicago; William R. Hunter, of Kankakee; Walter C. Lindley, of Danville; George T. Page, of Peoria, and Peter P. Schaefer, of Champaign, contained in their report of their last visit to the college on December 16, 1912, that the entrance requirements of the College of Law be increased to two years of university work, except that a student twenty-one years of age or over who has completed the course of an accredited high school should be admitted and should be given the degree of Bachelor of Laws on completing the course prescribed by the College with an average grade of ten above the passing grade.

This recommendation was received for record.

This recommendation was received for record.

#### PETTY CASH FUND AND BONDING, COLLEGE OF MEDICINE.

(15) The following communication from Professor George E. Frazer, Comptroller, concerning a petty cash fund in the College of Medicine, and the bonding of the Superintendent and the Clerk in the office of the College of Medicine.

URBANA, ILL., March 4, 1913.

President Edmund J. James, University of Illinois.

President Edmund J. James, University of Illinois.

Dear Sir: It is advisable that the Superintendent of the College of Medicine should be permitted to retain receipts to an amount not exceeding \$300 as a petty cash fund. The Superintendent of the College of Medicine should be authorized to pay in cash from the petty cash fund such extraordinary expenses and minor accounts as demand immediate payment. No payment from the petty cash fund on the account of any one bill should exceed the sum of \$30. All expenditures from the petty cash fund of the College of Medicine should be considered a personal liability of the Superintendent of the College to the University.

The Superintendent of the College of Medicine should be reimbursed for all petty expenditures at least once each month by a voucher drawn in his name covering all petty cash payments. This voucher should be accompanied by a receipted bill for each item, and should be sent to the business office of the University, where a warrant will be drawn in favor of the Superintendent of the College of Medicine for the amount.

I recommend that Mr. J. L. Tomlinson, Clerk in the office of the Medical College, be placed under a bond of \$5,000, and that Superintendent Wm. H. Browne be placed under a bond of \$5,000, in some reliable bonding company, the premiums on the these bonds to be paid by the University.

Very truly yours,

Geo. E. Frazer, Comptroller.

The recommendations of the comptroller contained in the foregoing letter in regard to a petty cash fund of not to exceed three hundred dollars (\$300) in the College of Medicine, the bonding of Messrs. William H. Browne, Superintendent, and J. L. Tomlinson, Clerk, in the amounts of one thousand dollars (\$1,000) and five thousand dollars (\$5,000), respectively, and the payment of the premiums on these bonds by the University, were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### IMPORT ORDER FOR THE DEPARTMENT OF BOTANY.

(16) A request from Dr. Charles F. Hottes, Assistant Professor of Botany, endorsed by Dr. E. J. Townsend, Dean of the College of Science, that permission be given to place an import order for chemicals, glass ware, and apparatus of foreign manufacture, for the use of the Department of Botany, to the amount of fifteen hundred dollars (\$1,500).

On motion of Mr. Abbott, this request was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Meeker took his seat with the board.

## INTERPRETATION OF THE RULE IN REGARD TO THE APPOINTMENT OF RELATIVES.

(17) A statement calling attention to the question of the interpretation of the rule of the Board of Trustees concerning the appointment of relatives of members of the Board of Trustees, or relatives of members of the University

instructional, scientific, administrative, or labor staff to positions under the authority of the board (this question having been raised by the President of the University, at the request of Professor E. C. Schmidt, at the meeting of December 19, 1912, p. —, at which time consideration of the subject was postponed).

It was moved that in the opinion of the Board of Trustees one member of a family at a time is sufficient representation on the instructional, scientific, administrative, or labor staff of the University, and that the rule of the board above referred to on this subject is to be interpreted to apply to reappointments as well as to original appointments.

It was moved to amend this motion by the addition of the following words: "Provided, that this interpretation shall not apply to persons in the employ of the University at the present time."

When, after prolonged and full discussion, the vote was taken, the amendment was lost, and the original motion was adopted as given above.

#### HEARING OF COMMITTEE OF DENTAL ALUMNI.

(18) A further statement in regard to the request from the Alumni Association of the College of Dentistry, that this college be reopened (see the petition signed by one hundred twenty-five alumni of the College of Dentistry, presented at the meeting of February 12, 1913, p. 177); this request having been supported by communications from Dr. Alfred Owre, Dean of the College of Dentistry of the University of Minnesota; Dr. Edward C. Kirk, Dean of the School of Dentistry of the University of Pennsylvania; Dr. Charles R. E. Koch, Secretary of the Dental School of Northwestern University, and Dr. Frederick B. Moorehead, Chairman of the Committee on the reorganization of the College of Dentistry; the board is urged to reopen the College of Dentistry on the ground that the interests of the community in this Department of Medicine and Surgery can never be adequately served except by privately endowed or state supported institutions. institutions.

This statement was received for record.

In this connection, a hearing was given to a committee representing the Alumni Association of the College of Dentistry, consisting of Mr. Elmer D. Brothers, formerly Professor of Dental Jurisprudence in the College of Dentistry; Dr. George W. Cook, formerly Dean of the College of Dentistry, and Dr. A. C. Kingsley, a graduate of the College of Dentistry of the class of 1909.

#### ADDRESS TO THE LEGISLATURE AND REQUEST FOR APPROPRIATIONS.

(19) The following address to the Forty-eighth General Assembly, accompanied by detailed requests for appropriations for the support of the University for the biennium 1913-15.

DRESS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS TO THE FORTY-EIGHTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS IN THE MATTER OF APPROPRIATIONS FOR THE ADDRESS

Gentlemen: We beg to submit herewith our requests for appropriations for the support of the University of Illinois for the biennium 1913-15.

The people of Illinois have revealed during the last twenty years an ever plainer and more definite purpose to make the University of Illinois an institution fully worthy of the commonwealth and to place it on a par with the leading institutions of similar character at home or abroad.

This sentiment was well stated in the following joint resolution passed by the Forty-sixth General Assembly in 1909:

"Whereas, It is the evident will of the people of this commonwealth that the University of Illinois shall be made so complete in its organization and equipment that no son or daughter of this State shall be obliged to seek in other states or other countries those advantages of higher education which are necessary to the greatest efficiency of social service either in public or private station; and, "Whereas, The State of Illinois has imposed upon this institution, in its agricultural and engineering experiment stations, and in its graduate school, the duty of carrying on extensive and important investigations of vital interest to the agricultural industry and education of the State, and the conduct of these investigations calls for the very highest ability and the most thorough training on the part of those entrusted with their supervision; and,

"Whereas, The great progress of this institution in the last five years has attracted the attention of the whole country and made other institutions desirous of drawing away the members of the faculties in said University; and, "Whereas, The present schedule of salaries is not sufficient to enable the institution to complete on equal grounds with other state and private universities in the United States; therefore, be it

"Resolved, By the Senate, the House of Representatives concurring herein, That it is the sense of this General Assembly that the Board of Trustees of the University of Illinois should adopt such a policy as will in their judgment attract to, and retain in, the service of the University and the State, the best available ability of this and other countries."

ability of this and other countries."

The Legislature further showed the interpretation which it meant should be placed upon this resolution by making at the same session by a practically unanimous vote a considerable increase in the biennial appropriations for the support of the institution. The General Assembly at its next regular session (47th) in the year 1911 indicated its emphatic approval of the underlying thought of the resolution by making the largest increase in the biennial appropriations which up to that time had been made by any Legislature.

By far the larger part of this increase, however, two-thirds of it in fact, was for the benefit of the agricultural interests represented in the University—the appropriation to the Agricultural College alone being four times the previous

amount.

This appropriation, if continued and wisely administered, will put and keep the Agricultural College at the head of similar institutions in the world.

the Agricultural College at the head of similar institutions in the world.

But the Forty-seventh General Assembly, recognizing that other departments also greatly needed strengthening, indicated by another act its purpose of providing for the other interests of the State represented in the University of Illinois in a similar satisfactory manner in the future. For that Assembly passed a bill, known as the Mill Tax Bill, providing that there should be levied and collected for the year 1912 and annually thereafter, at the same time and in the same manner that State taxes are collected, a one mill tax for each dollar of the assessed valuation of the taxable property of this State, to be paid into the treasury of the State and set apart as a fund for the use and maintenance of the University of Illinois.

This is a lower tax upon the full valuation than is granted in Michigan, Wisconsin. Iowa, or Minnesota.\*

The State Auditor informs us that the tax has been levied and if collected entire will yield the sum of \$2,343,673 per annum for the use and maintenance of the University. Deducting 4 per cent for loss in collection, the total amount available for the University would be \$2,249,926.08, or \$73.92 less than two and

one-quarter million dollars per annum. It is upon the basis, then, of this \$2,250,000 per annum that we have formulated our requests to the Legislature for funds for the use of the University during the biennium beginning July 1, 1913; and the sum total of these requests foots up \$4,498,980.

the biennium beginning July 1, 1913; and the sum total of these requests foots up \$4,498,980.

In round numbers this represents an increase over the appropriations granted by the Legislature at the last session of \$950,000.

We are asking in a general way—the details are shown in the bills—that this increase shall be used to enable the University to make very much needed increases in its lands and buildings—\$200,000 being asked for the purchase of land and \$775,000 for the erection of major buildings.

We are asking, further, that the sum used in the erection of major buildings during the present biennium be made available for the strengthening of those departments of the institution which were passed over in the appropriation of funds at the last Legislature.

The State of Illinois hesitated long before it adopted the policy of building up a State University. As a result its sister institutions in the Mississippi Valley ran, many of them, far ahead of the State University of Illinois, especially in buildings and equipment. It is necessary for the University of Illinois, if it is to become in our day and generation what the people of the commonwealth evidently desire it should, to make very important investments within a comparatively short time in building up the necessary plant for an institution of this sort. The present value of the buildings now on the campus and those in process of erection is probably about two and a quarter millions of dollars; but during the last twenty-two years the University of Chicago has put into buildings in actual use in the Educational Department on June 30, 1912, more than five million dollars, and counting the new Library Building, which went into operation shortly after, nearly six millions of dollars. The building plant of Columbia University has cost considerably over eleven million dollars; while the corresponding value of the Harvard University plant is probably fifteen million dollars. And that in spite of the fact that the University of Chicago has neither a college of

<sup>\*</sup> The following table shows the sum per capita contributed to the state university in the respective states: | States: | \$1,292 | Minnesota | \$1,292 | California | 0,458 | Wisconsin | 0,912 | Iowa | 0,903 | California 
 Minnesota
 000701

 Iowa
 000683

 Michigan
 000642
 | Meligan | 000523 | California | 000523 | Indiana | 000301 | Illinois | 000286 |

of agriculture, the most liberally provided for of all the departments of the State University of Illinois.

It is absolutely necessary furthermore to add considerably to our farm holdings in order to meet the demands of the various agricultural departments; and, unless the institution is to be crowded into a straight jacket which will impede its growth seriously and warp and twist it to an injurious extent, it must add to its holdings for other general University purposes. The sum asked for will provide only the absolutely essential additions which should be made during the next two years.

Among the departments of this institution which must be greatly strengthened, if we are to become a true university and be generally recognized as such, the University Library stands first. It is safe to say that there is more reluctance on the part of the best men in the academic world to accept positions on the staff of the University because of the lack of library facilities than for any other single reason.

of the University because of the lack of library lacilities than for any other single reason.

The University of Illinois Library contains about a quarter of a million volumes. It is the twelfth in rank among the university libraries of the country, although it is very much lower than that if institutions are ranked by their access to library facilities. Thus Harvard University has in its own collection over a million volumes, more than four times as many as the University of Illinois, but it has in its immediate neighborhood additional collections containing two million volumes. Yale University has three times as many volumes in its own collections as the University of Illinois, and it is within accesss of the four and one-half million volumes in the city of New York. Columbia has a half million volumes, twice as many as the University of Illinois, but it has in the same city and practically next door additional collections amounting to four and one-half millions of volumes. The University of Chicago Library has 381,000 accessioned books with another 100,000 unaccessioned—in other words, more than twice as many as the University of Illinois, although it is situated in immediate proximity to collections in the neighborhood of another million and a half, and it does not need to provide library facilities for either agriculture or engineering. The people of this State, whether wisely or unwisely, located the University of Illinois 125 miles from any important collection of books. Speaking generally, therefore, the library which is to quicken and stimulate and fructify scholarship and investigation at the University of Illinois must be a library located upon the campus of the University. It is impossible to day to undertake the investigation of any important subject without running up immediately against a stone wall for lack of library facilities. We must have at Illinois a much larger collection than such institutions as Harvard, Yale, Columbia, or Chicago, if we are to have at all equal facilities.

It is plain

It is plain that the University of Illinois cannot hope to take its place among the great institutions of the world until it has a far more adequate library.

the great institutions of the world until it has a far more adequate library.

We have felt, therefore, that we ought to urge upon the attention of the Legislature very strongly that an appropriation of at least \$100,000 per annum should be made for the purchase of books, but owing to the pressure of other interests we have deferred our request for the larger sum for another biennium. We have inserted in our askings for this biennium only the sum of \$50,000 per annum, and we trust this will not be diminished.

Next to the agricultural interest at the University of Illinois, the engineering interests bulk up in the public mind the largest, if not the most important. We are asking for an increase of \$50,000 in the biennial special appropriation for the College of Engineering and Engineering Experiment Station. This increase of \$25,000 per annum is very greatly needed, and we trust that it may be granted in full.

full.

\$25,000 per annum is very greatly needed, and we trust that it may be granted in full.

Many of the buildings on the University campus were erected in the last century, and some of them are forty years old. They were not of the best quality when erected, and they have begun to call for large expenditures for repairs and improvements. The appropriation made by the Legislature at the last session of \$50,000 per annum for painting, repairs, reconstruction and improvements to buildings and grounds was far below the absolute need of the University. We are asking for an increase of \$50,000 under this head.

The last General Assembly granted an appropriation for the erection of a building to house our courses in commerce which, although established only a few years ago, have become among the most widely esteemed and valuable courses offered in the institution. We did not urge an increase in the appropriation for these courses in the last General Assembly. We do urge it now, however, strongly, since we are in a position to use the money wisely in the improvement and enlargement of these courses. We are asking for \$25,000 per annum for this purpose.

The Graduate School, although established only a few years ago, has become one of the most important departments of the University. It is safe to say that every undergraduate department in the institution has been greatly improved in the spirit, personnel, and efficiency of its work by the existence of the Graduate School as an assistant and a stimulus to the right kind of scientific spirit and scientific work throughout the institution. No increase was granted at the last General Assembly over the previous appropriation. We are asking, and urge upon your attention most strongly, the desirability of an increase of twenty-five thousand for the biennium for this important branch of our University work.

For the first item of the first bill, that for salaries and operating expenses, we ask an increase of \$100,000 per annum.

This is the most important single item in any of the

past two years. From this item must be paid the general administrative expenses of the University, estimated for the coming biennium at \$158,000 in round numbers; miscellaneous expenses amounting to \$40,000; expenses for operating the plant, labor, heat and light, supervising architect, etc., \$200,000; summer session, for the benefit of the teachers of the State, \$30,000; various departments, including University Library, physical training for men, physical training for women, high school inspection, \$175,000; expenses of the College of Science, \$431,000; of the College of Literature and Arts, \$380,000; Library School, \$18,000; music, \$38,000, etc. We sincerely trust that you will find it advisable to grant the entire sum as asked for.

The last General Assembly granted the sum of \$60,000 per annum for the support of the Medical School. The Supreme Court threw out the appropriation on a technical ground, and the University lost the money.

We had been leasing a plant for the conduct of the Medical School from the College of Physicians and Surgeons in the city of Chicago. After the loss of the appropriation the latter corporation declined to renew the lease, and as there was no opportunity to secure a similar plant elsewhere in Chicago the University was compelled to close its Medical School, which it did upon June 30, 1912.

The graduates of the University Medical School and other friends of medical education throughout the State were greatly disturbed by this outcome of the experiment in medical education which the University had been carrying on for some fifteen years. They asked the trustees whether they would reopen the Medical School if the alumni would secure the control of the property of the College of Physicians and Surgeons and present the same to the University. The trustees replied in the affirmative, if all the stock of the corporation of the College of Physicians and Surgeons were presented in a block on or before February 1, 1912

This condition was fulfilled, and the University accepted the property, real and personal, of the College of Physicians and Surgeons, subject to the encumbrances upon the same, but without assuming any responsibility whatever for the payment of any debts or obligations of the College of Physicians and Surgeons.

The entire plant, real and personal, was deeded to the University, subject to mortgage obligations amounting to \$245,000, the annual interest charge being \$14,320.

The trustees, in accordance with their agreement, authorized and directed the President of the University to reopen the Medical School in the plant thus acquired, which was done on Thursday, March 6, 1913.

Through this action of the alumni the University has come into the control of an extremely valuable property, very well located for the purposes of a medical school. There will naturally be some difference of opinion as to the value of the property which the alumni presented to the trustees. There is no market for medical schools, and consequently if this property and school were put up for sale tomorrow, probably it would have no bidder other than some person wishing the real estate for some other purpose. If the University, however, were to stare in de nova to acquire as good a site and buildings and equipment with a well established school, such as it has built up during the past fifteen years in cooperation with the Collège of Physicians and Surgeons, there is little doubt that it would cost the University easily more than a million dollars; for much more than that sum has been spent in the development of this Medical School.

The real estate of the property was valued in the spring of 1907 by a com-

The real estate of the property was valued in the spring of 1907 by a committee of the Chicago Real Estate Board, at seventy thousand dollars (\$70,000). The State Architect, W. Carbys Zimmerman, associating with himself Minard L. Beers, another architect, estimated the value of the buildings at the same date to be two hundred and thirteen thousand dollars (\$213,000).

the two hundred and thirteen thousand dollars (\$213,000).

The real estate has undoubtedly appreciated in value, as quotations for the sale of property in that neighborhood amply show. The buildings have, of course, tended to depreciate, but a considerable sum of money has been spent in repairs to maintain them in a usable condition. With the building and grounds go also an inventoried plant, including a medical library, valued at about \$100,000. But if the inventory should be cut in two, it would still represent a plant of ground, buildings and equipment of considerably more than \$300,000, on a very modest estimate. No one would undertake to get a block of ground as conveniently located as the present block and get buildings upon it as well adapted for the purpose with equipment as good as the present for less than \$400,000, and it would probably take a full half million to do it.

The obligations consist of mortgage obligations as follows:

The obligations consist of moregage obligations as follows.		
I. (a) Due Chicago Board of Education, July 1, 1913 \$		
(b) Due Chicago Board of Education, July 1, 1914	10.000	00
	56,000	00
Interest on these obligations at 5\\\mathbb{4} per cent per annum.		
II. Bonds secured by mortgage on the new Medical Building, bearing		
6 per cent interest, due July 1, 1926 1	09,000	00
III. Bonds secured by mortgage on the old Medical College Building	•	
due July 1, 1932, bearing 6 per cent interest	60,000	00
· · · · · · · · · · · · · · · · · · ·		
Total\$2	45,000	00

The total interest charge is \$14,320 per annum.

So long as the University of Illinois pays the interest on these obligations it will retain control of the property, and if the State should ever appropriate money to enable it to pay off the indebtedness it would possess the property in fee simple. There is no obligation, however, resting upon the University or upon the State to do this, and the property may be given up at any time when the Legislature sees a more valuable property for the same or less money.

For the present, the interest may be looked upon as a permanent rental, and certainly no one can examine this property without seeing that it is very valuable and that such a sum represents an astonishing low rental.

But having the plant for the Medical College and having the students is only a small part of building up a medical school. In order to conduct a medical school worthy of the State of Illinois, it will be absolutely necessary to have at least the sum of one hundred thousand dollars per annum which we are asking for in this bill. for in this bill.

for in this bill.

The University must advance its standards of admission to at least the same level as those maintained by Indiana, Michigan, Wisconsin, Minnesota, and Iowa. This will inevitably cut down the attendance, though it will secure a far better grade of material in the ranks of future practitioners.

It will be necessary to provide adequate facilities in the laboratories, libraries, etc., and to provide these facilities for a modern medical school a considerable sum will be necessary.

Twenty-five states have definitely adopted the policy of providing facilities.

Twenty-five states have definitely adopted the policy of providing facilities for the education of those who desire to practice upon the community as physicians, including practically all the important state universities. Ilinois lags at the tall end of the procession. We respectfully urge that this sum be granted in full. A special plea will be presented to the Legislature upon this topic. It will be noted that an increase has been asked for the College of Agriculture and for the various items, live stock investigations, crop investigations, soil investigations, horticultural investigations, and dairy investigations. These increases are provided, however, from the one hundred and fifty-three thousand dollars voted by the last Legislature for agricultural buildings, so that the total appropriation for the Agricultural College and Experiment Station is somewhat less than it was the last time; although we are asking for an increase in the purchase of land item and for the erection of the Chemistry Laboratory and other University buildings, which redound, of course, to the benefit of the College of Agriculture as to that of the other departments.

The other items in this bill are all simple in their nature, and the argument for the same will be presented by the officers of the University before the committees of the Legislature.

A word in regard to the Chemistry Laboratory, which is the largest item

for the same will be presented by the officers of the University before the committees of the Legislature.

A word in regard to the Chemistry Laboratory, which is the largest item called for under buildings, will not be out of place.

While the Department of Chemistry is classified under the College of Science, it really devotes most of its work to the instruction of agricultural and engineering students. Every engineering student is now required by the University to take a course in chemistry, as is every agricultural student. The number of students in these courses has more than doubled since the present building was erected, and it is necessary to provide more ample accommodations for these students or else to exclude some of them altogether from work which the faculties think forms an essential part of the curriculum.

We are asking for an addition to the Commerce Building for administrative purposes, so that the administrative offices now in the Natural History Building may be moved out, making room for additional laboratories in botany, geology, physiology, bacteriology, etc. The University was compelled to exclude students in the College of Agriculture and College of Science from the courses in bacteriology during the present semester and from the courses in physiology, as also in zoölogy and botany, because of lack of laboratory room and laboratory facilities. The steady increase of students in the College of Agriculture makes it imperative that the facilities for the courses in bacteriology, biology, including botany and zoölogy, and physiology shall be enlarged. This will be accomplished by transferring the administrative offices to the addition to the Commerce Building and also by completing the present Natural History Building.

The building for the School of Education and the Residence Hall for Women have been urged upon the attention of the Legislature before, and by common consent it was agreed that these buildings should be provided for as soon as funds were available.

The beinnial report made

The blennial report made to the Governor showing transactions of the board and full quarterly statements of income and expenditures up to July 1, 1912, is now printed and in your hands.

All of which is respectfully submitted.

## REQUESTS FOR APPROPRIATIONS 1913-15.

(The items are arranged in the order followed in the appropriation bills passed by the Forty-seventh General Assembly, with the amounts appropriated by the Forty-seventh General Assembly in a parallel column for the purposes of comparison.)

## I. MAINTENANCE AND EXTENSION BILL.

SECTION 1.					
2-0-1-0-1	1911-13.		1913-15		Increase.
1. Salaries and operating expenses\$	1,150,000	00	\$1,350,000		\$200,000 00
2. Shop practice	12,000	00	12,000	00	
3. Cabinets and collections	8,000	00	20,000	00	12,000 00
4. Additions to Library	50,000	00	100,000	00	50,000 00
5. Fire protection	3,000	00	5,000	00	2,000 00
6. Apparatus and appliances	8,000	00	20,000	00	12,000 00
7. Pavements and walks	8,000	00	8,000	00	
8. Engineering College and Experiment					•
Station	180,000	00	230,000	00	50,000 00

## I. MAINTENANCE AND EXTENSION BILL-Concluded.

	1911-13.		1913-15.	Increase.
9. Painting, repairs, and improvements 10. State Water Survey	\$ 50,000	00	\$100,000 00 ,15,000 00 75,000 00	\$50,000 00
10. State Water Survey	15,000	00	,15,000 00	05.000.00
11. Commerce, political science, etc 12. Law Sschool	50,000 50,000	00	50,000 00	25,000 00
13. School of Pharmacy	20,000		20,000 00	• • • • • • • • • •
14. Chemical Laboratory	20,000	ŎŎ	20,000 00	
15. Graduate School	100,000	00	125,000 00	25,000 00
16. Ceramics	30,000	00	35,000 00	5,000 00
•	1,754,000	00	\$2,185,000 00	\$431,000 00
•	1,154,000	00	φ2,100,000 00	φτοι,000 00
SECTION 2.				
•	1911-13.	•	1913-15.	Increase.
College of Medicine	\$120,000	00	\$200,000 00	\$80,000 00
			•	1
SECTION 3.	415,800	00	440,480 00	94 690 00
College of Agriculture	410,000	00	440,400 00	24,680 00
SECTION 4.				
Live stock investigations	50,000	00	62,000 00	12,000 00
	,		·-,···	,
SECTION 5.				
Crop investigations	30,000	00	37,000 00	7,000 00
SECTION 6.	130,000	٥٥	149 000 00	19 000 00
Soil investigations	130,000	00	142,000 00	12,000 00
SECTION 7.				
Horticultural investigations	30,000	00	42,000 00	12,000 00
	•			·
SECTION 8.	90.000	00	40.000.00	10 000 00
Dairy investigations	30,000	UU	42,000 00	12,000 00
SECTION 9.				
Floricultural investigations	16,000	00	16,000 00	
· · · · · · · · · · · · · · · · · · ·	,		,	
SECTION 10.				
Household Science	5,000	00	5,000 00	
SECTION 11.				
Printing of soil maps, etc	50,000	00	50,000 00	
	•		•	
SECTION 12.	00.000			
Department of Mining Engineering	30,000	00	30,000 00	• • • • • • • • • •
SECTION 13.				
Cooperative work in mining	10,000	00	10,000 00	
Total, section 1	916,800	00	\$1,076,480 00	\$159,680 00
Total, section 1	1,754,000	00	2,185,000 00	431,000 00
Total, maintenance and extension				
bill\$	2,670,800	00	\$3,261,480 00	\$590,680 00
	_,,		, , , , , , , , , , , , , , , , , , , ,	4000,000
II. Build	ings Bili	4.		
SECTION 1.	1011 19		1019 15	Tm 0m0 0 00
1. Additional equipment for Water	1911-13.	•	1913-15.	Increase.
Station	\$ 4,000	00	\$ 4,000 00	
2. Telephones and signal service	3,000	00	3,000 00	
3. Heating and lighting plant	30.000	00	50,000 00	\$ 20,000 00
4. Law Building	15,000			15,000 00
5. Gymnasium	5,000		5,000 00	-25,000 00
6. Equipment for mining engineering 7. New Armory, heating, lighting, floor-	25,000	00	• • • • • • • • •	25,000 00
ing, grading, and draining			50,000 00	50,000 00
8. Zoölogy Laboratory			15,000 00	15,000 00
9. Plant Laboratory			15,000 00	15,000 00
10. Addition to book stacks	• • • • • •	• • •	21,000 00	21,000 00
	\$82,000	00	\$163,000 00	\$81,000 00
anamross 0	φυ2,000	00	φ100,000 00	ψο1,000 00
SECTION 2. Ceramics Building	\$21,000	00	\$25,000 00	\$4,000 00
	<b>₽</b> ≈±,000	50	φωυ, σσσ σσ	ψ±,000 00
SECTION 3.  1. Purchase of dairy breeds 2. Purchase of beef breeds 3. Purchase of horses				
1. Purchase of dairy breeds	3,500	00	2,250 00	-1,2500
Z. Furchase of beef breeds	3,500	00	2,000 00 2,500 00	$-1,500 00 \\ -7,500 00$
4. Purchase of sheep	3,500 3,500 10,000 1,000 1,000	00	1,000 00	
T. Taronase of sucoh	1,000	20	1,000 00	• • • • • • • • •
5. Purchase of swine	1.000	00	1,000 00	

## II. BUILDINGS BILL—Concluded.

22. 201221.00	21111				
	1911-13.		1913-15.	Increase.	
6. Farm Mechanics Laboratory	\$3,500	00		\$3,500 0	
7. Nutrition Laboratory			\$4,500 00	4,500 0	0
8. Agronomy Laboratory	• • • • • • •		3,750 00	3,750 0	Φ
					-
Total for sections 2 and 3	\$43,500	00	\$42,000 00	\$1,500 0	0
GEGETOR A LONGON					
SECTION 4—AGRICULTURAL BUILDINGS.					_
1. Animal Husbandry Building 2. Glasshouses	80,000	00		80,000 0	Ŏ,
2. Glasshouses	30,000 9,000			-30,000 0 - 9,000 0	Y.
3. Agronomy greenhouses 4. Enlarging Farm Mechanics Building 5. Dainy Investigations Report	8,000	00		8,000 0	ŭ.
5. Dairy Investigations Barn	10,000	00		10,000 0	ŏ
6. Sheep Building	2,000	00		<b>— 2,000 0</b>	0
7. Cold Storage Building	9,000	00	• • • • • • • • • •	9,000 0	Ŏ.
8. Clinic Building 9. Completing Animal Husbandry	5,000	00		5,000 0	O,
Building Annial Husbandry			25,000 00	25,000 0	0
Building 10. Horticulture Field Laboratory 11. Glasshouses 12. Experiment Feeding Plant			30,000 00	30,000 0	
11. Glasshouses	• • • • • • •		18,000 00	18,000 0	0
12. Experiment Feeding Plant			10,000 00	10,000 0	0
13. Farmhouse			4,500 00	4,500 0	0
•					_
	\$153,000	00	\$87,500 00	<b>\$</b> 65,500 0	0
SECTION 5-OTHER BUILDINGS.					
1 Armory	100.000	00		100 000 0	۸.
2. Engineering Ruilding	100,000 200,000	00	• • • • • • • • •	$-100,000 0 \\ -200,000 0$	ሆ
3. Commerce Building	125,000			-125,000 0	
4. Woman's Building	125,000			-125,000 0	
5. Residence Hall for Women			100,000 00	100,000 0	0
6. Chemistry Laboratory	• • • • • • •		250,000 00	250,000 0	0
1. Armory 2. Engineering Building 3. Commerce Building 4. Woman's Building 5. Residence Hall for Women 6. Chemistry Laboratory 7. Commerce Building, for administration			100 000 00	400 000 0	۸.
8. School of Education Building			100,000 00 120,000 00	100,000 0 120,000 0	מ
9. Completion of Natural History	• • • • • • • • •	• • •	120,000 00	120,000 0	v
Building			75,000 00	75,000 0	0:
10. Engineering Building			100,000 00	100,000 0	
•					_
	\$550,000	00	\$745,000 00	\$195,000 0	0
SECTION 6.					
Land	20,000	00	200,000 00	180,000 0	ο,
Summary	of Reques	STS.			
	1911-13		1913-15.	Increase.	
T Maintenance and Markovaian Dill					
I. Maintenance and Extension Bill II. Buildings Bill—	\$4,010,800	00	\$3,261,480 00	\$590,680 0	U.
Section 1	82,000	0.0	1.63,000 00	81,000 0	0
Section 1 Sections 2 and 3	43,500	ÕÕ	42,000 00	— 1,500 b	Ŏ,
Section 4	153,000	00	87,500 00	-65,500 0	0.
Section 5	550,000		745,000 00	195,000 0	
Section 6	20,000	00	200,000 00	180,000 0	0
			**********	*****	_
	\$3,519,300	00	\$4,498,980 00	\$979,680 0	(Jr
Creatation	Taraca				
	of Incom				
Mill tax—\$2,343,673 less 4%=				\$2,249,926 0	0-
Mill tax—\$2,343,673 less 4%— For biennium				4,499,852 0	ō
Requests				4,498,980 0	0
Dolongo			,		
Balance					
The foregoing list of requests wa	is present	ed i	n detail and	was discusse	d
item by item at length.					

During the progress of this discussion Mr. Meeker withdrew.

After a full and prolonged discussion, on motion of Mr. Grout, it was voted to approve the foregoing address to the General Assembly, and to make requests of the Forty-eighth General Assembly for appropriations for the biennium 1913-1915 as shown above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

# DESIRABILITY OF MAKING THE PRESIDENT OF THE ILLINOIS FARMERS' INSTITUTE A MEMBER OF THE BOARD EX OFFICIO.

On motion of Mr. Blair, it was voted that it is the sense of the Board of Trustees that it would be desirable for the law prescribing the membership of the board to be changed so as to make the President of the Illinois Farmers' Institute a member of the Board of Trustees ex officio.

# RESOLUTIONS IN REGARD TO THE SERVICES OF MESSRS. HATCH AND GROUT.

Mr. Blair moved that a committee be appointed to formulate a suitable expression of the board's appreciation of the distinguished services rendered to the University by Messrs. Hatch and Grout, whose terms expire on March 11, 1913.

This motion was passed unanimously. At this point Mr. Blair withdrew.

## CROCKER LAND EXPEDITION.

President James presented for consideration the following statement in regard to an invitation extended to the University to contribute to the expenses of the Crocker Land Expedition, a proposed expedition to the polar regions under the auspices of the American Museum of Natural History and the American Geographical Society.

and the American Geographical Society.

The purposes of the Crocker Land Expedition are purely scientific. Harvard University, Yale University, several smaller colleges, various scientific societies, and the United States Government through several of its departments, intend to participate. The expedition has received the official endorsement of the Royal Geographical Society of London. Ensign Greene, of the United States Navy, has been detailed by the Federal Government to accompany the expedition. The Federal Government also is supplying the necessary instruments for geographical, meteorological, and similar work. Mr. Donald B. MacMillan has been appointed the scientific leader of the expedition. Mr. Walter Elmer Ekblaw, Assistant in Geology in the University of Illinois, has been appointed a member of the scientific staff. A contribution of \$10,000 is requested from the University. It may be made in three installments, the first \$5,000 and the second and third of \$2,500 each, payable at intervals of one year. The American Museum of Natural History in the city of New York has entire charge of the expedition, and in it will rest the complete ownership of and title to all the scientific results of the expedition. The Museum proposes, however, after the expedition returns (it may be gone for a term of three years), to make such a distribution of the material collected among the contributing institutions as a just consideration of all interests shall demand. This matter was discussed at some length, but no action was taken.

This matter was discussed at some length, but no action was taken. The board adjourned.

C. M. McConn, Secretary.

W. L. Abbott, President.

## Meeting of March 11, 1913.

The annual meeting of the Board of Trustees of the University of Illinois was called to meet in the Trustees' Room, at the University, in Urbana, at 10 A.M., on Tuesday, March 11, 1913.

When the board convened, all the members were present, namely, Mr. Abbott, Mr. Blair, Mrs. Busey, Governor Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; also Mrs. Bahrenburg and Mr. Hatch, outgoing members of the board, and President James.

#### MINUTES PRESENTED.

The secretary presented the minutes of the special meeting of March 5, 1913, in manuscript form, the time between this special meeting and the annual meeting have been too short to permit of their presentation in printed form.

On motion of Mr. Dunne, the consideration of the minutes for approval or disapproval was deferred until all the members of the board can be furnished with printed copies.

## INFORMAL REPORT FROM STUDENTS' WELFARE COMMITTEE.

The question of unfinished business having been raised, Mrs. Evans presented an informal report (the full report to be presented later) from the Students' Welfare Committee, recommending the transfer of the School of Music from its present quarters in University Hall to the Woman's Building, the improvement of the ventilation in the Physics' Lecture Room, and the improvement of sanitary conditions in other rooms and buildings.

Mrs. Bahrenburg, one of the outgoing members of the board, spoke in behalf of these recommendations.

## MR. HATCH IN BEHALF OF THE MEDICAL SCHOOL.

Mr. Hatch, the other one of the outgoing members of the board who was present, being called upon, spoke in behalf of the College of Medicine, emphasizing the importance of the service which this department can render to the State, and bespeaking for it from the Board of Trustees the same care and attention that the other colleges and schools of the University enjoy.

### ELECTION OF PRESIDENT OF THE BOARD.

The election of officers being next in order, the secretary called for nominations for the position of President of the Board of Trustees for the ensuing year.

Mr. Abbott was nominated.

On motion of Mr. Dunne, it was voted that nominations be closed.

On motion of Mrs. Busey, it was voted that the secretary be instructed to cast the unanimous ballot of the board for Mr. Abbott; which being done, Mr. Abbott was declared elected, and, having expressed his appreciation of the honor conferred upon him, resumed the chair.

## ELECTION OF SECRETARY AND REGISTRAR.

Mr. C. M. McConn was re-elected Secretary of the Board of Trustees and Registrar for the period of one year.

#### ELECTION OF TREASURER.

Nominations for the position of Treasurer of the University for the ensuing biennium having been called for, Mr. Hoit nominated Mr. Henry A. Haugan, of Chicago.

Mr. Trevett nominated Mr. Matthew W. Busey, of Urbana. Mr. Dunne nominated Mr. William A. Tilden, of Chicago.

There being no further nominations, it was voted, on motion of Mr. Dunne, that nominations be closed.

At this point Mr. Blair offered a resolution that hereafter the Treasurer of the University of Illinois shall be ineligible for re-election.

Mr. Dunne presented the following substitute for Mr. Blair's motion: Resolved. That the Treasurer of the University of Illinois, on and after this date, be ineligible for re-election.

The president of the board having ruled that these motions were out of order, on the ground that under the by-laws of the board the business before the board was the election of officers, Mrs. Henrotin moved that the order of business provided for in the by-laws be set aside, in order that Mr. Blair's and Mr. Dunne's motions might be considered. This motion to set aside the order of business was lost.

The board then proceeded to the ballot for the office of treasurer. The president requested Mrs. Busey and Mr. Blair to serve as tellers.

On the first ballot the vote stood as follows: Mr. Busey, 5; Mr. Haugan, 5; Mr. Tilden, 2. On the second ballot the vote stood: Mr. Busey, 6; Mr. Haugan, 5; Mr. Tilden, 1. On the third ballot the vote stood: Mr. Busey, 7; Mr. Haugan, 5. Mr. Busey was accordingly declared elected.

#### ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.

The president next called for nominations for two members of the Executive Committee, to constitute with the president of the board the Executive Committee for the ensuing year.

On motion of Mrs. Busey, it was voted that the two nominees receiving the highest number of votes on the first ballot be declared elected.

Mr. Dunne nominated Mr. Trevett.

Mrs. Busey nominated Mr. Moore.

Mr. Moore nominated Mr. Hoit.

On motion of Mrs. Busey, nominations were closed. The president asked Mrs. Busey and Mr. Blair to serve again as tellers. The ballot being taken, the vote stood as follows: Mr. Trevett, 9; Mr. Moore, 8; Mr. Hoit, 5. Mr. Trevett and Mr. Moore were accordingly declared elected.

## ELECTION OF THE PRESIDENT OF THE UNIVERSITY.

On motion of Mr. Dunne, it was voted to instruct the secretary to cast the unanimous ballot of the board for Dr. Edmund J. James for the position of President of the University for the ensuing biennium at his present salary.

## ELECTION OF CHIEF CLERK IN THE COMPTROLLER'S OFFICE.

On motion of Mrs. Evans, it was voted that Mr. Oren E. Staples be re-elected chief clerk in the office of the comptroller for the period of one year.

#### BOND AND RATE OF INTEREST.

On motion of Mrs. Busey, the bond of the treasurer was fixed at two million dollars (\$2,000,000).

On motion of Mr. Meeker, the bond of the chief clerk in the comptroller's cffice was fixed at twenty thousand dollars (\$20,000), and it was ordered that the cost of the same should be paid by the University. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, none.

On motion of Mrs. Busey, the Finance Committee was directed to secure satisfactory bonds as specified above and to report the same to the board for approval.

After further discussion, on motion of Mr. Dunne, it was voted to reconsider the previous motion directing the Finance Committee to secure the bonds.

Then, on motion of Mr. Dunne, the Executive Committee was directed to secure satisfactory bonds as specified above, and to report the same to the board for approval, and the question of the rate of interest to be paid by the treasurer on balances on deposit to the credit of the University was referred to the Executive Committee for consideration and report.

## AUTHORITY TO RECEIVE MONEYS.

On motion of Mr. Blair, the following resolution was passed:

Resolved, That the Treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys and to endorse all orders, drafts and checks, due and payable to the said Board of Trustees, or to the said University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the said Board of Trustees, or to the said University of Illinois, on account of the Agricultural Experiment Station of the said University.

#### TREASURER NOT ELIGIBLE FOR RE-ELECTION.

On motion of Miss Watson, it was voted to amend the first sentence of section 1 of article V of the By-Laws of the Board of Trustees by the addition of the words "and shall not be eligible for re-election to succeed himself"; giving the following reading for the section as a whole:

SECTION 1. The officers of the board shall consist of a president, a recording secretary and a comptroller, who shall be elected for a term of one year, and a treasurer who shall be elected for a term of two years, and shall not be eligible for re-election to succeed himself.

The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, none.

At this point Mr. Meeker withdrew.

#### AUDIT OF ACCOUNTS OF COLLEGE OF PHYSICIANS AND SURGEONS.

President James presented a report of an audit of the accounts of the College of Physicians and Surgeons of Chicago from July 1, 1912, to March 1, 1913, made by the United States Audit Company.

From this report it appears that the cash on hand February 28, 1913, was \$10,410.85; and the fees receivable, \$15,044.85. As these fees were made up of sums due from students formerly enrolled in the college, it is probable that not more than two-thirds of the sum can be collected; so that the cash and debts due the institution turned over to the University of Illinois on March 1, 1913, amount, roughly speaking, to \$20,000.

The foregoing report of the audit of the accounts of the College of Physicians and Surgeons was received for record.

## NEED FOR SUMMER CAMP BY COLLEGE OF ENGINEERING.

President James presented a request from Dr. W. F. M. Goss, Dean of the College of Engineering, and Dr. Ira O. Baker, Professor of Civil Engineering, to be heard on the subject of the need of the College of Engineering for a summer camp.

It was agreed to hear Dean Goss and Professor Baker on this subject immediately after luncheon and before the opening of the afternoon session.\* A recess was then taken, for luncheon, until 2:30 P.M.

## AFTERNOON SESSION, MARCH 11, 1913.

When the board convened at 2:30 P.M., the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; also Mrs. Bahrenburg, an outgoing member of the board. President James was present, and also, during a part of the afternoon, Prof. George E. Frazer, Comptroller.

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### ENTRANCE REQUIREMENTS OF THE COLLEGE OF MEDICINE RAISED.

(1) The following statement on the subject of the entrance requirements of

(1) The following statement on the subject of the entrance requirements of the College of Medicine:

It is necessary for the Board of Trustees to determine the requirements for admission to the Medical College of the University at the present time, if it wishes to make any changes in the requirements already established.

The minimum requirement thus far in force has been the presentation on the part of the candidate for matriculation of a certificate covering the completion of fifteen units of high school work. The universities of Indiana, Michigan, Wisconsin, Minnesota, Iowa and Missouri require for admission to the medical courses the completion of at least two years' work in a college of liberal arts and sciences, including in such work certain prescribed courses in chemistry, physics, biology and foreign language. The American Medical Association at its meeting in June, 1912, voted that it would not admit to the first division in its classified list any medical college which did not, after January 1, 1914, require at least one year of college credit in chemistry, biology, physics and modern language, or, in lieu of this, two or more years of work in a college of liberal arts, in addition to an accredited four-year high school course.

The Association of American Medical Colleges, at its meeting held in Chicago

The Association of American Medical Colleges, at its meeting held in Chicago in February, adopted as a minimum requirement essentially the same standard as that accepted by the American Medical Association.

Dr. Montgomery moved that candidates for admission to the College of Medicine in September, 1913, be required to present, in addition to 15 units of high school work, at least one year of college work in a college or university of recognized standing; and that students entering the College of Medicine in September, 1914, and thereafter, be required to present, in addition to 15 units of high school work, at least two years of college work in a college or university of recognized standing.

After prolonged discussion, this motion of Dr. Montgomery's was adopted

unanimously.

## SUBSCRIPTION FOR CROCKER LAND EXPEDITION.

(2) A request that the Board of Trustees should hear Mr. Walter Elmer Ekblaw, Assistant in Geology, who has been chosen to go as a scientific expert with the Crocker Land Expedition to the artic regions, upon the desirability of the University's making an appropriation in support of this expedition.

Mr. Ekblaw was heard, and gave a full account of the proposed

In this connection President James submitted the following additional statement and suggestion:

Dean David Kinley, on the occasion of a recent visit to New York City, held a conference with Mr. Edmund Otis Hovey, chairman of the committee in charge of this Crocker Land Expedition. Upon his return he received the following letter from Mr. Hovey, which explains itself:

<sup>\*</sup> Before the regular opening of the afternoon session of the board, the members listened to a presentation of this matter by Professor Baker. His recommendation is that the University purchase a plot of ground containing from fifteen hundred to two thousand acres, in some convenient place where land can be obtained cheaply, for the purpose of providing an adequate field laboratory for the department of civil engineering.

NEW YORK, 27 February, 1913.

MY DEAR DR. KINLEY: Inasmuch as you are now probably on your way out to Urbana, I wish to submit the following memoranda with reference to our conference of last Saturday.

conference of last Saturday.

Firstly—President Osborn's letter of 14 February addressed to you together with the documents which accompanied it are probably a sufficiently clear statement of the present organization and the plans of the expedition, taken into consideration with the statement in the December American Museum Journal, a copy of which was given you by me; except as to the particular ship which is to take the party northward, because we have not yet come to a satisfactory conclusion of our conferences with the owners of the "Roosevelt."

Secondly—The proposed cooperation of the University of Illinois in the expedition will be most highly appreciated and gratefully accepted by the organizing institutions, not only on account of the substantial pecuniary subscription proposed, but also and more on account of the fact that this cooperation emphasizes the national character of the support that the expedition is receiving.

The institutions already concerned in the enterprise are:

The institutions already concerned in the enterprise are:

American Museum of Natural History.

American Geographical Society of New York.

Yale University.

United States Government through:

The Navy Department.

The Weather Bureau.

The Coast and Geodetic Survey.

The U. S. Geological Survey (through assistance in special training of members of the expedition.)

Carnegie Institution (Terrestrial Magnetism.)

Harvard University.

Museum of Comparative Zoölogy.

Brooklyn Institute of Arts and Sciences.

New York Academy of Sciences:

Georgetown University.

Colgate University.

Bowdoin College.

Bowdoin College,

Worcester Academy.

Worcester Academy.

Besides this I may say that the Royal Geographical Society of London has given its official endorsement to the expedition.

Thirdly—The proposed contribution of \$10,000 from the University of Illinois may be paid in three installments as follows:

Five thousand dollars this year as soon as may be convenient.

Twenty-five hundred dollars before 1 July, 1914.

Twenty-five hundred dollars before 1 May, 1915.

Fourthly—The organizing institutions would be very much pleased to add the name of the University of Illinois to its list of institutions mentioned on its letter-heads, and to have the University represented on the Honorary Committee. They certainly would have no objection to the addition of Professor Bayley to the committee in charge, if the University so desire, although they feel that the resident members of that committee must be left free to act in urgent matters without waiting for the vote of the non-resident member.

Fifthly—The subscription of the University of Illinois will provide for the

without waiting for the vote of the non-resident member.

\*\*Fifthly\*\*—The subscription of the University of Illinois will provide for the employment of an additional scientific member of the expedition party\*—this member to be selected with a view to the needs of the expedition as determined by the committees and the scientific leader, Mr. D. B. McMillan.

\*\*Sixthly\*\*—In accordance with the arrangements made with all the present contributors and the members of the expedition party, all the personal diaries and scientific notes, all the original negatives and all the material collected upon the expedition are to come to the American Museum of Natural History, and the Museum will distribute the results to the contributing institutions in as equitable manner as is practicable, endeavoring to satisfy the peculiar needs of everyone as far as it lies in its power to do so. This is to say, the Museum retains primary control and conservation of the data obtained by the party.

In this connection, it should be stated that the first popular results (magazine articles, books, lectures) of the expedition are already pledged to Mr. MacMillan, and the first publication of the strictly geographical results are pledged to the American Geographical Society.

American Geographical Society.

American Geographical Society.

I may also note, however, that it is reasonable for the University of Illinois to expect to receive as tangible outcome specimens of walrus, seal, caribou, musk oxen, hare, polar bear, birds, and ethnological material from the northern Eskimo. It is not desirable to make any special assignment of the material collected by any one member of the party, it being considered better for the interests of all concerned to pool all the material collected and determine the distribution after the return of the party to New York.

Seventhly—The tourists that go with the ship will return with the ship. They are under contract to surrender to the leader of the expedition for the purposes thereof all material obtained on the northward journey and up to the time that the ship leaves on its return, as far as such material may be required by the expedition.

by the expedition.

Very truly yours, E. O. HOVEY, In Charge.

It appears from these various statements that this expedition, organized for purely scientific purposes, is going out with every prospect of success, humanly speaking, and that if the University of Illinois should join in this it might reasonably count upon such an accession to its mineralogical, geological, and natural history collection as would justify the expenditure.

All our leading universities have utilized this method of either combining with other institutions in sending out scientific expeditions or equipping scientific expeditions on their own account for the purpose of making scientific collections as the most efficient method of building up the requisite material for instruction in the material scientific down through the requisite material for instruction

as the most efficient method of building up the requisite material for instruction in the various scientific departments.

Of course one cannot tell what might happen to an Arctic expedition. Shipwreck might come to all the members of the party, and the terrible example recently furnished in the Antarctic region might well make us hesitate before relying too confidently upon the success of this new polar expedition. But the purpose of this expedition is not to get to the pole or to seek the pole or anything of the kind, but is to carry on scientific work within the Arctic circle, and it looks as if all contingencies had been as carefully provided for as human skill can make possible.

Under the circumstances. I think it would be perfectly legitimate action on the

Can make possible.

Under the circumstances, I think it would be perfectly legitimate action on the part of the trustees to make this requested subscription of ten thousand dollars (\$10,000) toward this expedition, provided we can be assured of a fair distribution of the proceeds of the expedition. Personally I should wish to have a little more certainty on this point than is given thus far in the communications we have had from the managing committee.

The sum might be charged either to the funds of the Graduate School or to the fund for exhibits and collections.

the fund for cabinets and collections.

On motion of Mr. Blair, it was voted that the President of the University be authorized to subscribe on behalf of the University the sum of ten thousand dollars (\$10,000) toward the expenses of the Crocker Land Expedition, provided that the Executive Faculty of the Graduate School recommend that this subscription be made; and, provided, further, that the President of the University approve of the guarantees offered by the Crocker Land Expedition concerning the distribution of such scientific material as may be obtained. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### ENDORSEMENT REQUESTED FOR WATER SURVEY BILL.

(3) A request from Dr. Edward Bartow, Director of the State Water Survey, that the board endorse a bill to be introduced in the General Assembly, providing for appropriations for the Water Survey, additional to the appropriations included

in the University bill.

At the last session of the Legislature a bill providing for appropriations to the amount of fifteen thousand dollars (\$15,000) per annum, which should be used under the direction of the Water Survey of the University for the purpose of making a study of the water supplies of the State, received the general approval of the University trustees, and the bill was passed and the appropriation made. The request here is for a general approval of the same kind of a bill, not a request to insert this amount in the askings of the University for the Water Survey.

Professor Bartow was heard on this matter, and gave a full account of the work of the Water Survey during the past biennium and a statement of

what has been accomplished with its appropriations.

No action was taken in regard to this matter. At this point Messrs. Blair and Montgomery withdrew.

#### DELEGATION OF SIGNING OF WARRANTS.

(4) The following letter from Professor George E. Frazer, Comptroller, suggesting a change in the present procedure with reference to the signing of warrants for the payment of salaries of permanent employees of the University.

URBANA, ILL., March 11, 1913.

President Edmund J. James, University of Illinois.

President Edmund J. James, University of Illinois.

DEAR SIR: Your attention is respectfully called to the present procedure in the signing of warrants for the payment of salaries of permanent employees of the University. Under the present procedure, approximately 680 salary warrants are signed personally each month by the President of the Board and by the Secretary of the Board. I respectfully suggest that the President and Secretary of the Board of Trustees be authorized by the board to designate employees of the University to sign their names to regular salary warrants. I am informed by the legal counsel of the University that such a procedure will be valid legally.

Very truly yours,

GEO. E. FRAZER, Comptroller.

On motion of Mrs. Evans, the foregoing recommendation of the comptroller's was approved.

### TRANSFER OF FUNDS, COLLEGE OF AGRICULTURE.

(5) A request from Dr. Eugene Davenport, Dean of the College of Agriculture, that the sum of five thousand dollars (\$5,000), from the amount appropriated

by the Board of Trustees in the budget for the current year to the Department of Agricultural Extension, be transferred to the account of the Department of Dairy Husbandry; two positions which were provided for in the budget of the Department of Agricultural Extension could not be filled because suitable men could not be found, and it is possible, therefore, to transfer the amount named to the Department of Dairy Husbandry, which needs the funds.

On motion of Mr. Hoit, the foregoing request of Dean Davenport was approved.

#### SUMMER SESSION OF THE COLLEGE OF MEDICINE.

(6) A recommendation that the Dean of the College of Medicine be authorized to conduct a summer session of the College of Medicine on the general lines of former summer sessions, and at an expense not to exceed the estimated income from the fees of the students of the summer session.

On motion of Mrs. Evans, this recommendation was approved.

### BILL FOR ADDITIONAL PLANS FOR THE ARMORY.

(7) A bill from Mr. W. Carbys Zimmerman, State Architect, for professional services rendered in the preparation of additional plans for the new Armory (actual time and materials), three hundred ninety-one dollars and twenty cents (\$391.20); these additional plans having been ordered by vote of the Board of Trustees at the meeting of July 13, 1912 (p.—), and the plans having now been drawn and being in the possession of the supervising architect.

On motion of Mrs. Henrotin, it was voted to authorize the payment of this bill, when approved by the Supervising Architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPOINTMENT TO DEANSHIP OF THE COMBINED COLLEGE OF LIBERAL ARTS AND SCIENCES.

(8) A recommendation that the President of the University be authorized to appoint Dr. Kendric Charles Babcock, Specialist in Higher Education of the Bureau of Education, Washington, D. C., as Dean of the Combined College of Liberal Arts and Sciences, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin as soon as Dr. Babcock reports for duty.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### APPOINTMENT TO PROFESSORSHIP OF BOTANY.

(9) A recommendation that the President of the University be authorized to appoint Dr. William Trelease as Professor of Botany and head of the Department of Botany, at a salary not to exceed five thousand dollars (\$5,000) per annum, work and salary to begin as soon as Dr. Trelease reports for duty.

This recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker. Mr. Montgomery.

#### STATEMENT ON THE SUBJECT OF CIVIL SERVICE.

(10) The following statement on the subject of civil service at the University: As the members of the Board of Trustees are aware, the University was put under the general provisions of the State-wide civil service law by the action of the last Legislature

the last Legislature.

I believe that all the officers of the University have attempted to carry out in good faith the provisions of this law.

I believe, moreover, that the State Civil Service Commission has shown a willingness to meet the wishes of the University, so far as they felt they could do so in accordance with the provisions of the law.

I have no doubt myself that if we are going to secure efficiency, as well as the elimination of politics from the State service, the law will have to be amended in important particulars, but certainly no individual officer of the State and no public board of the State can afford to do anything which would justly incur the charge of being opposed to an efficient merit system.

We believe we have had such a system in the University for the past twenty years at any rate, and we believe that the present law has rather interfered with the efficiency of that system than helped it. But the same reasons which led the board to favor including the University under the provisions of the general law still hold.

Dean Davenport expressed very well in his address to the board the difficulties and annoyances which the execution of this law, with the very best intent on the part of the State Commission, has inflicted upon the University, and I presume that every administrative officer who has had to deal with the situation has had much the same feeling as Dean Davenport.

All that we desire, however, is to make our merit system of appointment as efficient as possible.

efficient as possible.

For the further discussion of this question I appointed a committee consisting of Dean O. A. Harker, Legal Counsel of the University; Mr. C. M. McConn, Secretary of the Board, who has had charge of the actual administration of the State Civil Service Law in the University; Professor George E. Frazer, Comptroller, and Professor J. A. Fairlie and Professor W. F. Dodd, members of the Department of Political Science, and asked them to give me a report, after a full investigation, as to what it is desirable for the University to do in the matter.

The foregoing statement was received for record.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## MEETING OF THE EXECUTIVE COMMITTEE, MARCH 11, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, immediately following the adjournment of the afternoon session of the annual meeting of the board on Tuesday, March 11, 1913.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; Mr. Hoit, member of the board, and President James.

#### APPROPRIATIONS FROM CURRENT FUNDS.

President James presented a recommendation from Professor George E. Frazer, Comptroller, that the following assignments be made from the current funds of the University to the accounts indicated:

Buildings and grounds	\$5,000	00
Office of supervising architect	500	00
Labor	4,500	00

Total ......\$10,000 00

This recommendation was approved.

The Executive Committee adjourned.

W. L. Abbott, Chairman.

C. M. McConn, Clerk.

## Meeting of April 4, 1913.

A special meeting of the Board of Trustees of the University was held at the Blackstone Hotel, in the city of Chicago, on Friday, April 4, 1913, beginning at 12 m., pursuant to the following notice which was sent out by the secretary on March 28, 1913:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in the city of Chicago, on Friday, April 4, 1913, beginning at 12:00 M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

#### MINUTES APPROVED.

The secretary presented the minutes of the special meeting of March 5, 1913, and of the annual meeting of March 11, 1913, both of which, on motion of Mrs. Henrotin, were approved.

## REPORT OF AUDIT COMPANY.

The secretary presented a report from the United States Audit Company of Chicago, of an audit of the books and accounts of the University for the quarter ending December 31, 1912. This report was received to be printed, the accompanying exhibits and schedules to be filed.

February 6, 1913.

P. Grout, Esq., Chairman Finance Committee, University of Illinois, Winchester, Ill. A. P. Grout.

Chester, Ill.

Dear Sir: Agreeably to your request, we have made an audit of the books and accounts of the University of Illinois for the second quarter of the fiscal year as ended December 31, 1912.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the chief clerk's cash account on the morning of January 20, 1913, proved the cash book footings from October 23, 1912, to January 20, 1913, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry. The first National Bank of Champaign gave us a letter, certifying as to the cash on deposit at January 20, 1913, amount being \$12,050.69.

Summarized, the chief clerk's cash account is as follows:

Summarized, the chief clerk's cash account is as follows: Balance on hand October 23, 1912. Receipts from various sources	\$13,357 5 31,065 5	59 56
Deduct—Remittance to treasurer	\$44,423 1 29,696 0	15 )4
Balance on hand January 20, 1913	\$14,727 1	LI
Made up as follows— \$ 1,019 00		_

Checks for deposit . First National Bank		
Total cash Vouchers in process Loans		

\$14,727 11

In the cash statement following, we present in total the general cash transactions for the second quarter, as represented by the cash book and warrant register, beginning with the general cash balance as of September 30, 1912: Treasurer's balance
Add—Cash receipts (Exhibit "A")     \$639,010 72 38,381 70
Deduct—Cash disbursements (Exhibit "B")
\$73,450 63
Made up as follows—       Treasurer's balance       \$54,350 22         Chief clerk's balance       19,100 41
We compared all warrants paid during the quarter with the treasurer's record, and obtained a certification from the State Bank of Chicago that the balance of cash on deposit to the credit of the treasurer at the close of business December 31, 1912, was \$177.451.34.
We proved the footings of the warrant register, summer session fee book, verified all postings to the general ledger; and examined the receipted bills, and compared them with all the vouchers.  The following is a reconciliation of the treasurer's account with the books of
the University as at December 31, 1912: Treasurer's balance, per University books. \$ $54,350$ 22 Add—Unpaid warrants (Schedule "5"). 123,041 13 Utem of pharmacy receipt not entered on University books. 60 00
\$177,451 35
Made as follows—(Schedule "6")—       \$158,980 43         General fund       4,888 22         College of Medicine fund       4,888 22         U. S. Agricultural Experiment Station fund       7,835 19         School of Pharmacy fund       5,747 50         Difference       1
We are pleased to report favorably on the accuracy of the clerical work.  Yours very truly,
Supervised by:  WHITNEY B. FLERSHEM, Certified Public Accountant.

## REPORT OF FEES.

The secretary presented the registrar's report of fees due from the students of the University at Urbana for the first semester of the year 1912-1913 as follows:

1315 as follows.			
Matriculation Fees—	Gross.	Refund.	Net total.
952 @ \$10.00	\$9,520 00	\$610 00	\$8,910 00
952 @ \$10.00 1 @ 2.50 (balance)	2 50		2 50
Total matriculation fees	<b>9</b> 0 522 50	\$ 610 00	\$ 8,912 50
Incidental Fees—	φ <i>9</i> ,022 90	\$ 010 00	φ 0,912 30
2773 @ \$12.00	33,276 00	1,620 00	31,656 00
8 @ 6.00 (one-half)	48 00	174 00	<u>126</u> 00
Total incidental fees	\$33,324 00	\$1,794 00	\$31,530 00
Tuition Fees—	, ,	1-7	, , · ·
511 @ \$ 7.50	3,832 50	450 00	3,382 50
4 @ 3.75 (one-half)		37 50	22 50
4 @ 3.75 (one-half)	2,87500	50 00	2,825 00
3 @ 12.50 (one-half, law)	37 50	50 00	-1250
18 @ 5.00 (courses, law)	90 00	• • • • • • • •	90 00
Total tuition	\$6,850 00	\$587 50	\$6,262 50
Music Fees—			
2 @ \$ 3.00	$\begin{array}{ccc} 6 & 00 \\ 3 & 25 \end{array}$	3 00	3 00 3 25
$egin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{ccc} 3 & 25 \\ 4 & 25 \end{array}$	• • • • • • •	7 25
$egin{array}{cccccccccccccccccccccccccccccccccccc$		5 00	-5 00
0 5.00	6 50		6 50
$egin{array}{cccccccccccccccccccccccccccccccccccc$	F0 F0	7 50	45 00
51 @ 8.50	400 = 0	17 00	416 50
1 @ 9.00			9 00
2 Ø \$ 3.00 1 Ø 3.25 1 Ø 4.25		11 00	154 00
1 @ 14.50	14 50	• • • • • • •	14 50

Music Fees—Concluded—  18 @ 15.00	. 195 00 . 75 00 . 32 50	······	Net total. \$270 00 195 00 75 00 32 50
Total music fees	. \$1,267 00	\$43 50	\$1,223 50
Total general fees Laboratory Fees—	. \$50,963 50	\$3,035 00	\$47,928 50
Architecture Botany Ceramics Chemistry Civil engineering Electrical engineering Entomology General engineering drawing. Geology Household science Mechanical engineering Municipal and San. engineering Physics Physiology Psychology T. & A. mechanics Zoölogy	628 50 60 00 8,858 00 381 00 123 50 217 00 255 00 234 00 58 00 224 00 4 00 57 00 57 00 58 00	10 00 108 00 2 50 548 50 6 50 23 50 6 00 4 50 17 88 9 00 3 00 3 50 15 00 16 25	446 50 520 50 8,309 50 612 50 612 50 117 50 199 12 246 00 231 00 914 00 220 50 559 00 334 75
Total laboratory fees	. \$14,102 50	\$804 13	\$13,298 37
Listener's Fees— 14 @ \$7.50 Special Examination Fees—		•	105 00
101 @ \$5.00	. 505 00	5 00	500 00
Late Registration Fees—  115 @ \$1.00  Change Fees—	. 115 00	. 1 00	114 00
237 @ \$1.00	. 237 00 5 00		$\begin{array}{cc}237&00\\5&00\end{array}$
Total special fees	. \$967 00	\$6 00	\$961 00
Total fees	\$66,033 00	\$3,845 13	\$62,187 87

The secretary presented the following reports from President Abbott, all of which were received to be printed in the minutes:

#### DEED AND BILL OF SALE FROM THE COLLEGE OF PHYSICIANS AND SURGEONS.

(1) A report of the receipt of a deed of the lands and buildings owned by the College of Physicians and Surgeons, and a bill of sale of the equipment in the buildings:

March 10, 1913.

Mr. C. M. McConn, Secretary University of Illinois, Urbana, III.

DEAR SIR: On March 6 I received from Dr. D. A. K. Steele a deed of the lands and buildings owned by the College of Physicians and Surgeons and a bill of sale of the equipment in the buildings, transferring this property to the University. These documents I delivered to Treasurer Haugan for safe keeping, and I hold his receipt for the same.

Very truly yours, W. L. Abbott.

## RESIGNATIONS OF THE DIRECTORS OF THE COLLEGE OF PHYSICIANS AND SURGEONS ACCEPTED.

(2) A report of the acceptance of the resignations of the members of the Board of Directors of the College of Physicians and Surgeons:

Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.

Dear Sir: The resignations of all members of the Board of Directors of the College of Physicians and Surgeons, which were tendered under date of February 1, have been accepted, as shown by the attached letter to Judge Harker.

Very truly yours,

W. L. Abbott.

March 17, 1913.

#### [ENCLOSURE.]

March 17, 1913.

Judge O. A. Harker, Counsel, University of Illinois, Urbana, Ill.

DEAR SIR: At my request Dr. Steele, President of the Board of Directors of the College of Physicians and Surgeons, has accepted the resignations of the other

members of the board, and I have accepted his resignation, as shown by the

correspondence attached. You, I believe, are custodian of the letters in which these resignations were tendered. Please file this letter with its attached correspondence with the resignations referred to.

Very truly yours, W. L. Abbott.

## REPORT OF INSPECTION FOR PERSONAL HAZARDS.

(3) A report of the completion of the inspection of University property for conditions which might constitute personal hazards (authorized by the Executive Committee on February 1, 1913, page —):

Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.

DEAR SIR: At a recent meeting of the board I was authorized to have an inspection made of the University property for the purpose of discovering any conditions which may exist which might constitute personal hazards.

This report has now been finished, and two copies of the same are being forwarded to the supervising architect.

Very truly yours, W. L. Abbott.

## STANDING COMMITTEES.

The secretary presented for record a list of the standing committees of the board for the year 1913-1914, appointed by President Abbott on March 26, 1913:

#### Buildings and Grounds.

William L. Abbott, Chairman; Francis G. Blair, Mary E. Busey, Laura B. Evans, Allen F. Moore.

#### Finance.

Allen F. Moore, Chairman; Otis W. Hoit, John R. Trevett.

## Engineering.

Arthur Meeker, Chairman; William L. Abbott, John R. Trevett.

### Agriculture.

Otis W. Hoit, Chairman; Arthur Meeker, John T. Montgomery.

College of Medicine and School of Pharmacy.

John T. Montgomery, Chairman; William L. Abbott, Ellen M. Henrotin.

## Students' Welfare.

Laura B. Evans, Chairman; Mary E. Busey, Ellen M. Henrotin, Florence E. Watson.

#### Instruction.

Francis G. Blair, Chairman; Ellen M. Henrotin, Florence E. Watson,

#### Library.

Mary E. Busey, Chairman; Laura B. Evans, Florence E. Watson.

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented also for record the following report of appointments made to fill vacancies in positions created by the Board of Trustees:

Babcock, Kendric Charles, Dean of the College of Liberal Arts and Sciences, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin as soon as he reports for service. (April 2, 1913.)\*

Clanton, Edna M., Stenographer in the Office of the Water Survey, at a salary of fifty dollars (\$50) a month, beginning March 3, 1913, and continuing until further notice or until June 30, 1913. (April 2, 1913.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the niversity.

Mathers, Jennie A., Stenographer in the Office of the College of Literature and Arts, at a salary of fifty dollars (\$50) a month, from March 1, 1913, until further notice or until August 31, 1913. (April 2, 1913.)

Scott, Edna Lyman, Lecturer in the Library School, for five weeks beginning April 7, 1913, at a remuneration for the period named of two hundred fifty dollars (\$250). (March 14, 1913.)

Sharp, Bertha, Catalog Assistant in the Library, for seven months beginning February 1, 1913, at a salary of fifty-five dollars (\$55) a month, vice Flora M. Case, resigned. (March 13, 1913.)

Yensen, Trygve D., transferred from the position of Assistant in the Engineering Experiment Station and Administrative Assistant to the Director of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, to that of Assistant in Electrical Engineering in the Engineering Experiment Station, at a salary of one hundred dollars (\$100) a month, from April 1, 1913, until August 31, 1913. (March 18, 1913.)

## ADDRESS TO THE GENERAL ASSEMBLY CONCERNING THE MEDICAL SCHOOL.

President James presented the draft of an address to the General Assembly in the matter of the College of Medicine, entitled "Memorandum Concerning the College of Medicine of the University of Illinois."

On motion of Mr. Montgomery, it was voted unanimously to endorse this address and to authorize the President of the University to send copies of it to the members of the General Assembly.

At this point Mr. Meeker withdrew.

## MINUTES OF THE EXECUTIVE COMMITTEE MEETING, APRIL 4, 1913.

The secretary presented the following report of a meeting of the Executive Committee, held just prior to the meeting of the board:

CHICAGO, April 4, 1913. To the Board of Trustees of the University of Illinois.

Your Executive Committee held a meeting on this date at the Blackstone Hotel in Chicago. All of the members were present, namely: Messrs. Abbott, Moore, and Trevett; also Mr. M. W. Busey, Treasurer, and President James.

## TREASURER'S BOND; RATE OF INTEREST.

The treasurer's bond was presented, together with the following letter from Mr. Busey:

CHICAGO, April 4, 1913.

Chairman of the Board of Trustees, University of Illinois, Urbana, Ill.:

If my bond is accepted and I am elected treasurer, I hereby agree to pay the University interest on daily balances at the rate of two per cent (2%) on the funds coming into my hands.

Yours truly, M. W. Busey.

#### [BOND.]

Know all men by these presents, that we, Matthew W. Busey, as principal, and George W. Busey, John W. Busey, James B. Busey, Ulysses G. Swearingen, John L. Black, George M. Johnson, Albert J. Kirkpatrick, John P. Hudson, John T. White, John W. Stipes, A. B. Smith, F. M. Marriott, Jacob M. Smith, John A. Edwards, Wm. I. Saffell, Frank D. Willard, as sureties, are held and firmly bound into the University of Illinois, of Urbana, in the county of Champaign, State of Illinois, in the sum of two million dollars (\$2,000,000) good and lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves and our heirs, executors and administrators, jointly, severally and firmly by these presents.

we bind ourselves and our heirs, executors and administrators, jointly, severally and firmly by these presents.

Witness our hands and seals this 14th day of March, A.D. 1913.

The consideration of this obligation is such that whereas the above bounden, Matthew W. Busey, was on the 11th day of March, A.D. 1913, duly elected to the office of treasurer of the University of Illinois, for a period ending on the 11th day of March, A.D. 1915, or until his successor shall be appointed and qualified, and is about to assume the duties of said office.

Now, if the said Matthew W. Busey shall well and truly perform and faithfully discharge the duties of treasurer of said University of Illinois, during his term of office, and shall faithfully keep and truly account for all moneys, bonds, securities or other property coming into his hands as such treasurer to his successor in office, and at the expiration of his term of office shall pay over to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or other property received by him as such treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office or

other person appointed to receive the same, the property, books, papers and other things in his hands belonging to said office, and shall, at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of said university of Illinois, render a just and true account of his doings as such treasurer, then this obligation to be null and void; otherwise to remain in full force, effect and virtue.

force, effect and virtue.
Matthew W. Busey,
George W. Busey,
F. M. Marriott,
John J. White,
George M. Johnson,
Ulysses G. Swearingen,

John W. Stipes, A. B. Smith, John W. Busey, James B. Busey, Albert J. Kirkpatrick, John L. Black,

John T. Hudson, Jacob M. Smith, John A. Edwards, Wm. I. Saffel. Frank D. Willard.

STATE OF ILLINOIS, SS. COUNTY OF CHAMPAIGN.

COUNTY OF CHAMPAIGN, 185.

I, Garrett H. Baker, a notary public in and for said county, in the State aforesaid, do hereby certify, that Matthew W. Busey, George W. Busey, John W. Busey, James B. Busey, Ulysses G. Swearingen, John L. Black, George M. Johnson, Albert J. Kirkpatrick, John P. Hudson, John T. White, John W. Stipes, A. B. Smith, F. M. Marriott, Jacob M. Smith, John A. Edwards, Wm. I. Saffell, Frank D. Willard, are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal this 14th day of March, 1913, A.D.

GARRETT H. BAKER.

GARRETT H. BAKER, Notary Public.

(Notary's Seal.) It was voted to recommend to the Board of Trustees the approval of Mr. Busey's bond as offered, and also the acceptance of his proposition to pay the University interest on daily balances at the rate of 2 per cent (2%).

#### WARRANTS TO BE PAYABLE IN BOTH URBANA AND CHICAGO.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer: March 22, 1913.

The Executive Committee of the Board of Trustees, University of Illinois.

GENTLEMEN: If there is no objection on the part of the Board, the warrants of the University will be made payable both at Busey's Bank, Urbana, and at the Continental and Commercial National Bank of Chicago. The comptroller assures me that this will be a very great convenience to the University, because of the location of several departments in Chicago.

Yours truly, M. W. Busey, Treasurer.

The arrangement proposed in the foregoing letter from Mr. Busey was approved.

## WARRANTS ALREADY DRAWN AGAINST MR. HAUGAN TO BE TAKEN UP BY THE STATE BANK.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer: March 22, 1913,

The Executive Committee of the Board of Trustees, University of Illinois.

Gentlemen: If there is no objection, the treasurer will arrange with the State Bank of Chicago to take up warrants already drawn against H. A. Haugan, but still outstanding.

Yours truly, M. W. Busey, Treasurer.

The arrangement proposed in the foregoing communication from Mr. Busey was approved.

## LOCAL RECEIPTS TO BE DEPOSITED WITH THE TREASURER.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer: March 22, 1913.

The Executive Committee of the Board of Trustees, University of Illinois.

The Executive Committee of the Board of Trustees, University of Illinois.

GENTLEMEN: As the Treasurer of the University of Illinois, permit me to make the following recommendation pertaining to this office:

In my examination of the records of your business office and the reports of your comptroller, I find that the funds of the University are now being carried in several different accounts, some of which do not go through the treasurer's office. Now that the treasurer is virtually located at the University, I would therefore respectfully recommend:

That all local receipts of the University coming from any of its departments in Urbana or Champaign be deposited directly with the University treasurer by the chief clerk, and that the comptroller and treasurer be authorized to effect such changes in procedure as may be necessary, provided that any change in the rules of the board shall be submitted to the board for approval.

The above method of procedure would facilitate the work of both the comptroller and the treasurer.

Further, as to the receipts of the departments of the University located at Chicago, the comptroller and treasurer have agreed that all receipts derived therefrom be deposited with the Continental and Commercial National Bank of Chicago, to the credit of Busey's Bank of Urbana, for the use of M. W. Busey, Treasurer, said Chicago bank to issue duplicate receipts for each deposit, one receipt to be retained by the depositor, and the other forwarded by him direct to the comptroller for his files.

Yours truly, M. W. Busey, Treasurer.

The plan proposed in the foregoing communication from Mr. Busey was approved.

#### NOTICE OF MR. BUSEY'S ELECTION AS TREASURER.

It was voted to recommend to the board that Mr. Haugan be notified that Mr. M. W. Busey has been elected and qualified as Treasurer of the University, and that Mr. Haugan be directed to turn over to Mr. Busey all funds, books, and securities belonging to the University, accepting therefor the receipt of Mr. Busey.

#### AUDIT OF EX-TREASURER'S ACCOUNTS.

It was voted also to recommend to the board that the Finance Committee be directed to have an audit made of the accounts of the outgoing treasurer.

## EXECUTIVE COMMITTEE AUTHORIZED TO APPROVE THE CHIEF CLERK'S BOND.

It was voted also to recommend to the board that the Executive Committee be authorized to approve the bond of the chief clerk.

The committee adjourned.

W. L. ABBOTT, ALLEN F. MOORE, J. R. TREVETT,

Executive Committee.

C. M. McConn, Clerk.

On motion of Mrs. Busey, it was voted to approve the recommendation of the Executive Committee that the bond of Mr. Busey be approved as offered, and that his proposition to pay 2 per cent on daily balances be accepted.

It was also voted, on motion of Mr. Montgomery, to approve the further

recommendations of the Executive Committee, namely:

- (1) That Mr. Haugan be notified that Mr. Busey has been elected and qualified as treasurer, and be directed to turn over to Mr. Busey all funds, books, and securities belonging to the University, accepting therefor Mr. Busey's receipt;
- (2) That the Finance Committee be directed to have an audit made of the accounts of the outgoing treasurer; and

(3) That the Executive Committee be authorized to approve the chief clerk's bond.

## DOCTOR MOOREHEAD ON THE REORGANIZATION OF THE COLLEGE OF DENTISTRY,

President James presented a request from Dr. Frederick B. Moorehead, of Chicago, formerly Professor of Oral Surgery in the College of Dentistry, and Chairman of the Alumni Committee on the Reorganization of the College of Dentistry, to be heard by the trustees with reference to the reorganization of that college.

Dr. Moorehead was introduced and was heard on this matter.

On Mrs. Henrotin's motion, it was voted that the question of the advisability of re-opening the College of Dentistry be referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

After further discussion, Mrs. Henrotin moved the reconsideration of the motion just previously passed, referring the question of the advisability of re-opening the College of Dentistry to the Committee on the College of Medicine and the School of Pharmacy for consideration and report. A roll call was requested on this motion to reconsider. The motion to reconsider was passed, the vote being as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr.

Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mrs.

Busey, Mr. Hoit; absent, Mr. Blair, Mr. Dunne, Mr. Meeker. Mrs. Henrotin then presented the following motion: That the board record its approval of the address given by Dr. Moorehead, and express its opinion that it would be desirable to organize a scientific department of dentistry when the Medical School shall be well established. This motion was passed.

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### SUBSCRIPTION TO THE CROCKER LAND EXPEDITION.

(1) The following report with reference to the proposed subscription to the Crocker Land Expedition (see pp. 193 and 197-199):

In accordance with the action taken by the Board of Trustees at the last meeting, I have subscribed the sum of ten thousand dollars (\$10,000), on behalf of the University of Illinois, toward the expenses of the Crocker Land Polar Expedition. I am appending my letter on the subject and a letter just received from Mr. Henry Fairfield Osborn, Chairman of the Honorary Committee of the American Museum of Natural History.

## [PRESIDENT JAMES' LETTER.]

URBANA-CHAMPAIGN, ILL., March 22, 1913.

E. O. Hovey, Esq., American Museum of Natural History, New York City.

My Dear Mr. Hovey: In regard to the contribution of the University to the fund to defray the expenses of the proposed Crocker Land Expedition, I beg to say that I have been authorized by the Board of Trustees to subscribe the sum of \$10,000, payable \$5,000 during the present year and \$2,500 for each of the two succeeding years. \$10,000, payable \$5,000 during the present year and \$2,500 for each of the two succeeding years.

I was to make the subscription on condition that I received assurances which would be reasonably satisfactory concerning the recognition of this cooperation and

would be reasonably satisfactory concerning the recognition of this cooperation and the distribution of material.

I understand that an equal recognition will be given to the University of Illinois-with the American Museum of Natural History and the American Geographic Society, and that this will appear on the letterheads of the expedition and all publications relating to it or dealing with the scientific results accomplished by it; and that one of the members of the committee in charge of the expedition will be a person nominated by the University of Illinois, and for this member I am nominating Professor W. S. Bayley.

Furthermore, that the material obtained by the expedition will be worked up by the best persons available for the purpose, and that such persons will be first sought among the organizing institutions, viz., the three mentioned above.

Further, that the material collected by the expedition will be deposited at the American Museum of Natural History for safe keeping until distributed among the contributing institutions by the American Museum of Natural History, the American Geographical Society, and the University of Illinois.

Further, that the American Museum of Natural History will give to the University of Illinois such museum material aside from that collected on this expedition as it may think proper and as we should care to have.

Further, that the name of the President of the University of Illinois will be added to the Honorary Committee. And finally, that aside from Mr. Ekblaw, who I believe has been definitely appointed, Mr. Tanquary shall be appointed as specialist in zoölogy. I understand that this has also been done.

On the basis of the above conditions, which represent the understanding I had with you, I hereby make the formal subscription, and the first payment will be available whenever you call for it.

I do not wish any announcement to be made at present of this fact, further than is necessarily involved in carrying out these conditions; of course the information on the letterh

#### [MR. OSBORN'S LETTER.]

New York, March 22, 1913.

DEAR PRESIDENT JAMES: Allow me to express the gratification felt by myself and the other members of the present Honorary Committee of the Crocker Land

Expedition over the report brought back by Dr. Hovey of his interviews with you and the members of your natural science faculty on Monday and Tuesday of this week. We welcome the addition of you yourself to this committee and of Professor Bayley to the Committee in Charge, as cementing the high practical cooperation expressed in your generous appropriation of \$10,000 toward the scientific work of the expedition, and we look forward with much pleasure to the intimate association between your institution and ours that will eventuate therefrom. We congratulate you upon having two such well-equipped graduates in science as Messrs Explay between your institution and ours that will eventuate therefrom. We congratulate you upon having two such well-equipped graduates in science as Messrs. Ekblaw and Tanquary to supply for membership on the staff. We are sure that you will not fail to receive much scientific credit abroad as well as at home and much valuable material for your exhibition and study collections from participation in the enterprise.

Your strong cooperation in the Crocker Land Expedition makes the enterprise of national interest—a feature that is particularly pleasing to the organizing institutions and valuable to American science in general.

Very sincerely yours,

HENRY FAIRFIELD OSBORN, Chairman of Honorary Committee.

The foregoing statement, with the accompanying correspondence, was received to be printed in the minutes.

At this point Miss Watson withdrew.

#### \*APPROPRIATION FOR THE COLLEGE OF MEDICINE.

(2) A request from the Dean of the College of Medicine for an appropriation of four thousand dollars (\$4,000) to meet certain proposed changes in the budget of the College of Medicine for the current year as shown in the following schedule:

#### Increases.

1707 04808.		
Salaries for services Stationery and printing Laboratories Apparatus and materials Advertising and announcements Incidentals Repairs	500 0 1,200 0 1,500 0 1,200 0	0 0 0 0
Decreases.  Museum Dispensary Library Maternity Hospital wards	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	

On motion of Mr. Montgomery, it was voted to authorize the proposed

changes in the budget of the College of Medicine as indicated above, and to make the appropriation requested. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Miss Watson.

#### LAND FOR EXPERIMENTAL FIELD.

(3) A letter from Dr. Eugene Davenport, Dean of the College of Agriculture, transmitting a letter from Dr. C. G. Hopkins, Professor of Agronomy, and a deed transferring seventeen acres of land off the south side of the northeast quarter of the southwest quarter of section thirty-one (31), township ten (10), range nine (9), east of the Third Principal Meridian, from Mary I. Grissom and John W. Grissom, her husband, to the Board of Trustees of the University of Illinois, to be used as an agricultural experiment field.

On motion of Mrs. Busey, it was voted to refer this correspondence and deed, and also the question as to the proper procedure in such cases, to the Committee on Agriculture, with instructions to report at the next meeting of the board.

## STATUE OF JOSEPH G. CANNON.

(4) A statement that the Honorable Joseph G. Cannon has presented to the University a bronze replica of a marble bust which was presented to him by his friends in Washington.

<sup>\*</sup> See insert, meeting of June 10, 1913, page —.

On motion of Mrs. Evans, it was voted to accept this gift and to authorize the President of the University to express to Mr. Cannon the hearty appreciation of the Board of Trustees.

#### LABORATORY FEES IN CHEMISTRY AND HOUSEHOLD SCIENCE.

(5) The following recommendation from the Council of Administration:
April 2, 1913.
Dr. Edmund J. James, President.
DEAR MR. PRESIDENT: The Council of Administration, at its meeting of April
1, 1913, voted to recommend to the Board of Trustees the approval of the following
new laboratory fees:
Chemistry 80—Glass Blowing\$2 00
Household Science 14—Special Problems in Connection with the Service of
Food (formerly \$3.00) 5 00
Household Science 17—Problems in the Study of Textiles 2 00
Household Science 18—Lunch Room Management 5 00

## Summer Session Courses.

Household Science	S1—Foods\$2 00
Household Science	S2—Dietetics 2 00
Household Science	S3—Lunchroom Management
	Yours very truly,

E. J. TOWNSEND, Secretary, Council of Administration.

On motion of Mrs. Busey, the foregoing recommendation was approved.

#### PROPOSAL FOR THE NEXT AUDIT OF THE UNIVERSITY'S ACCOUNTS.

(6) A letter from Mr. Henry L. Hertz, President of the United States Audit Company of Chicago, proposing to begin their next quarterly audit of the accounts of the University on April 9, 1913.

On motion of Mr. Montgomery, this communication was referred to the Finance Committee, with power to act.

## PROPOSED EMPLOYMENT OF COLLECTING AGENCY.

(7) A request from Professor George E. Frazer, Comptroller, that he be authorized to employ a collecting agency in the collection of delinquent fees and delinquent loans from the Snyder loan fund, if in his opinion it is desirable in any individual case to do so.

On motion of Mrs. Evans, this request was referred to the Finance Committee, with power to act.

## LEAVE OF ABSENCE FOR PRESIDENT JAMES TO ATTEND INTER-NATIONAL CONFERENCE ON EDUCATION.

(8) The following statement in regard to an invitation received by the

(8) The following statement in regard to an invitation received by the President of the University:

I have received an invitation from the Hon. P. P. Claxton, United States Commissioner of Education, to attend an International Conference on Education, to be held at The Hague in the early part of September. This conference has been called by the Netherlands Government, which has invited the countries having representation at The Hague to send delegates to the conference. The purpose of the conference will be to discuss problems of international interest in education and to prepare a plan for a permanent international council on education. I am asked to go as a representative of the State universities. I do not wish to accept this invitation unless the Trustees of the University of Illinois desire that I should do so, and unless they required my attendance at such an international conference as a legitimate part of my work as President of the University.

On motion of Mr. Montgomery, it was voted that the President of the

On motion of Mr. Montgomery, it was voted that the President of the University be given leave of absence for such period during the summer and fall of the current year as may be necessary to enable him to attend the International Conference on Education at The Hague.\*

<sup>\*</sup> See addition, meeting of June 10, 1913, page ---

## REQUEST FOR RETENTION OF LIEUTENANT COLONEL MORSE.

On motion of Mrs. Busey, it was voted to present to the War Department a request that Lieutenant Colonel Morse be detailed to the University as Commandant for another period.

# APPROPRIATION FOR REFUND OF TUITION, SCHOOL OF PHARMACY.

President James presented a request from Prof. George E. Frazer, Comptroller, for an additional assignment of one hundred twenty-five dollars (\$125) to the item in the School of Pharmacy budget for the refund of tuition; such an additional assignment being rendered necessary by the fact that requests for refund of tuition which ought to be granted under the established rules of the school have exceeded the assignment provided for in the budget.

This request was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Miss Watson.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## Meeting of April 24, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 10 A.M., on Thursday, April 24, 1913, pursuant to the following notice which was sent out by the secretary on April 18, 1913:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, on Thursday, April 24, 1913, at 10:00 a.m., to authorize the conferring of degrees upon the graduates of the School of Pharmacy, and to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Hoit, Mr. Moore. President James was present.

There being no quorum, the board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

### MEETING OF THE EXECUTIVE COMMITTEE, APRIL 24, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, immediately following the adjournment of the special meeting of the board on April 24, 1913.

There were present: Messrs. Abbott and Moore, members of the Executive Committee; Mr. Hoit, a member of the board, and President James. Mrs. Evans and Miss Watson came in a little later and took their seats with the committee.

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

## AUTHORITY TO CONFER DEGREES UPON GRADUATES OF THE SCHOOL OF PHARMACY.

(1) A request for authority to confer the appropriate degrees upon such students as may be recommended therefor by the faculty of the School of Pharmacy; including the degree of Graduate in Pharmacy to be conferred at the commencement exercises of the School of Pharmacy this afternoon, April 24, 1913, upon the students named below, and also the degree of Pharmaceutical Chemist to be conferred at the end of the longer term of the School of Pharmacy in June upon such students as may be recommended later by the faculty of the School of Pharmacy:

#### GRADUATES IN PHARMACY.

Grover Cleveland Arnold,
George Edward Buckman,
Harold Potter Chapman,
Harold Vincent Cleveland,
Royal R. Davenport,
George Edward Davidson,
Edward Thos. Donahue,
Guy Wilbur Eicholtz,
Karl Vine Gambell,
Alfred C. Gragg,
Lucas Peter Hanneman,
Edgar Philip Heidbreder,

Carl John Henry,
Malcolm Lee Hutton,
William Rush Kost,
Albert W. Logan,
Errett Hale Lollar,
Edward Luckiesh,
Alfred Michael Lukasek,
Roy McNeil,
Eli Metcoff,
Houston Porter,
Walter Carl Schulz,
Charles John Schultz,

Harry Fleming Stables,
Louis Elmer Stoebig,
George Stulik,
Frank William Van
Nugteren,
Reuben William Walther,
Lee A. Wixsom,
Oscar F. Woltersdorf,
Fred Bernard Balmer
(Class of 1912),
Joseph Francis
(Class of 1911).

It was voted to authorize the President of the University to confer degrees upon the graduates of the School of Pharmacy as specified above.

#### AUTHORITY TO CONFER DEGREES UPON GRADUATES OF THE SCHOOL OF MEDICINE.

(2) A request for authority to confer degrees at the coming commencement of the College of Medicine upon such students as may be recommended therefor by the faculty of the College of Medicine.

It was voted to give the President of the University such authority.

#### RESIGNATION OF PROFESSOR GOODMAN.

(3) The resignation of Mr. Frederick Marion Goodman, Professor of Materia Medica and Botany in the School of Pharmacy, to take effect August 31, 1913.

It was voted that this resignation be accepted, and that the President of the University be authorized to express to Mr. Goodman the board's appreciation of his long and faithful service as dean and professor in the School of Pharmacy.

## APPOINTMENT OF A PROFESSOR OF SECONDARY EDUCATION.

(4) A request for authority to appoint Dr. Charles Hughes Johnston, at present Dean of the School of Education in the University of Kansas, to be Professor of Secondary Education, beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) per annum.

It was voted to authorize the President of the University to make this

appointment.

## DR. BLONDHEIM APPOINTED ASSISTANT PROFESSOR.

(5) A request for authority to appoint Dr. David Simon Blondheim, at present Associate in Romance Languages in the University, to the rank of Assistant Professor of Romance Languages, for three years beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) per annum; and, also, to grant to Dr. Blondheim leave of absence from the University, without pay, for one year beginning September 1, 1913.

It was voted to authorize the President of the University to make this appointment, and also to grant the leave of absence as requested.

## RESIGNATION OF PROFESSOR FORD.

(6) The resignation of Dr. Guy Stanton European History, to take effect August 31, 1913. Ford, as Professor of Modern

It was voted that this resignation be accepted, with an expression of regret on the part of the board at losing the services of this distinguished scholar.

## BILL OF MR. C. H. BLACKALL ALLOWED.

(7) A bill from Mr. C. H. Blackall, Architect, one of the members of the Commission on Campus Plan, for professional services in the preparation of studies for the extension of the campus, and for the expenses of three trips from Boston to Chicago and Champaign, amounting to \$962.36, approved by Professor James M. White, Supervising Architect.

It was voted that the comptroller be authorized to pay this bill.

## PLAN FOR PROMPT PAYMENT FOR CURRENT SUPPLIES.

(8) The following recommendation from Professor George E. Frazer, Comptroller: April 23, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: To facilitate the prompt issuance of University warrants for dairy products and other current supplies, I recommend that the President and Secretary of the Board designate employees at the University to sign their names to regular University warrants for dairy products and other current supplies. I recommend that this authorization cover dairy supplies, household science lunchroom supplies, freight, express, telegrams, telephone rentals and messages, postage stamps, and University lectures, providing that no such University warrant shall exceed

\$50 in amount, and providing further, that the President and Secretary of the Board shall be furnished complete information as to the University warrants so signed and issued.

Very truly yours, George E. Frazer, Comptroller.

It was voted to approve the recommendation of the comptroller be contained in the foregoing letter.

# PARTIAL PAYMENT OF MEMBERS OF COMMISSION ON NUTRITION INVESTIGATION.

(9) The following statement in regard to the national commission in charge of the investigation in human nutrition and suggestion with reference to the payment of its members:

the investigation in human nutrition and suggestion with reference to the payment of its members:

In the year 1907 the Board of Trustees of the University of Illinois authorized the appointment of a national commission to supervise an experiment in human nutrition conducted by the Research Laboratory of the University in that subject. The commission as first constituted consisted of Professors A. J. Abell, of Johns Hopkins University; R. H. Chittenden, of Yale University; A. P. Mathews, of the University of Chicago, and H. S. Grindley, of the University of Illinois. The first meeting of the commission was held on Saturday, March 30, 1907. Subsequently Professor Theobald Smith, of Harvard University, was added to the commission. Later Professor Abell, of Johns Hopkins University, resigned his membership on the commission, and Professor D. L. Edsall, of the University of Pennsylvania, was appointed in his place. The arrangement made with these men was that they were to give the necessary supervision to the conduct of this experiment, and that the non-resident members of the commission were to receive a lump sum of five hundred dollars in payment for their services, aside from traveling expenses and an honorarium of fifty dollars for attendance at each meeting of the commission. It was supposed when this work was begun that the experiment would be concluded within two or three years. Owing to various circumstances, among others the growing importance of the investigation and its enlarging scope as the commission proceeded with the work, the final report of the commission has not yet been completed. In view of these facts, I think it would be a fair and proper thing for the University to pay these men at least four-fifths of the sum due them for their work as supervisors of the research work. We have already printed three volumes of the report of this investigation, and copies have been sent to each member of the Board of Trustees. Two volumes are still to be printed. Preparation for the next volume is in an advan been done on the final volume.

It was voted that the comptroller be authorized to pay to each of the non-resident members of this commission as indicated above the sum of four hundred dollars (\$400), leaving a balance of one hundred dollars (\$100) to be paid to each member when the publication of the results of the investigation shall be completed.

#### TREASURER HAUGAN'S REPORTS.

The secretary presented for record the following reports from Mr. H. A. Haugan, Treasurer, for the quarter ending March 31, 1913, and for the period from April 1 to April 5, 1913:

#### [REPORT FOR QUARTER ENDING MARCH 31, 1913.]

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UUIVERSITY OF ILLINOIS, MARCH 31, 1913.

1913. Balance per last statement
 Received from State Bank of Chicago, for credit of College of Medicine fund
 Received from W. B. Day, Actuary, for credit of School of Pharmacy fund
 Received from W. B. Day, Actuary, for credit of School of Pharmacy fund
 Received from the State Auditor, for credit of general fund
 Received from W. B. Day, Actuary, for credit of School of Pharmacy fund
 Received from O. E. Staples, Chief Clerk, for credit of Agricultural Experiment Station fund
 Received from W. B. Day, Actuary, for credit of School Jan. \$177.451 34 60 00 220 00 245 00 492,125 00 245 00 151 20 Agricultural Experiment Station fund
Received from W. B. Day, Actuary, for credit of School
of Pharmacy fund
Received from W. B. Day, Actuary, for credit of School
of Pharmacy fund
Received from W. B. Day, Actuary, for credit of School
of Pharmacy fund
Received from the Treasurer of the United States, for credit
of Agricultural Experiment Station fund 11. 115 00 13. 65 00 14. 215 00 7.500 00

## TREASURER'S REPORT-Concluded.

4040	Cr.		
1913. 17.	Received from W. B. Day, Actuary, for credit of School		
18.	of Pharmacy fund	•	00
20.	of Pharmacy fund	80	.00
21.	Received from W. B. Day, Actuary, for credit of School	10,000	00
23.	Received from O. E. Staples Chief Clerk for credit of	120	00
24.	Bookyod from W. B. Doy, Astrony, for another of School	1,000	00
27.	of Pharmacy fund	110	00
31.	of Pharmacy fund	85	00
Feb. 3.		$\substack{140 \\ 466,133}$	
7.	Received from the State Auditor, for credit of general fund Received from O. E. Staples, Chief Clerk, for credit of	45,000	
7.	general fund	141	
10. <b>14.</b>	Received from the State Auditor, for credit of general fund	210,000	
	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	108	50
18.	of Pharmacy fund Received from O. E. Staples, Chief Clerk, for credit of general fund	81	00
20.	general fund	10,000	00
24.	general fund Received from W. B. Day, Actuary, for credit of School of Pharmacy fund Received from W. B. Day, Actuary, for credit of School	105	00
28.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	70	00
Mar. 5.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	110	00
8.	general fund	10,000	00
11.	Received from the State Bank of Chicago, interest on daily balances from March 7, 1911, to date, for credit of		
11.	general fund	21,543	56
12.	received from V. B. Day, Actuary, for credit of School of Pharmacy fund.  Received from College of Physicians and Surgeons, for credit of College of Medicine fund	103	75
12.	credit of College of Medicine fund	10,410	85
18.	of Medicine fund	800	22
20.	Received from D. A. K. Steele, Actuary, for credit of College	20	00
22.	of Medicine fund	257	<b>2</b> 5
25.	of Pharmacy fund	105	00
31.	general fund	15,000	00
<b>51.</b>	of Pharmacy fund	90	00
	Total	31,480,101	75
4.04.0	Cr.		
1913. Mar. 31.	By amount paid out of general fund, as per		
	list of warrants herewith\$564,473 27 By amount paid out of College of Medicine fund,		
	as per list of warrants herewith 470 90 By amount paid out of School of Pharmacy fund,		
v	as per list of warrants herewith 2,957 95  By amount paid out of Agricultural Experiment		
	Station fund, as per list of warrants herewith 7,261 48		
Balances-	Total	<b>\$5</b> 75,163	60
Gener Agric	ral fund		
Cone	ge of Medicine fund		
	Total	904,938	15
		1,480,101	75
. : . (N <sub>6</sub> )	Respectfully submitted, HENRY A. HAUGAN,	Treasurer.	
	,		

#### [REPORT FOR PERIOD APRIL 1-5, 1913.]

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, APRIL 5, 1913.

4040	DR.				
1913. Apr. 1. 3.	Balance per last statement	\$904,938	15		
_	of College of Medicine fund	1,791	33		
5.	on daily balances from March 11, 1913, to March 28, 1913, for credit of general fund	856	49	\$907,585	97
	Cr.			φυσι,υσυ	٠.
Apr. 5.	By amount paid out of general fund, as per list of warrants herewith	\$876,185	29		
	as per list of warrants herewith	17,736	97		

ApBy amount paid out of School of Pharmacy fund, as per list of warrants herewith....

By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith 7,526 49 6,137 22 - \$907.585 97

Respectfully submitted, HENRY A. HAUGAN, Treasurer.

#### COMPTROLLER'S REPORT.

The secretary presented for record the report of Prof. George E. Frazer, Comptroller, for the quarter ending March 31, 1913:

April 23, 1913. Mr. W. L. Abbott, President Board of Trustees, University of Illinois.

Mr. W. L. Abbott, President Board of Trustees, University of Illinois.

DEAR SIR: I am submitting herewith the quarterly report of the cash transactions of the University of Illinois for the quarter ending March 31, 1913.

The report includes a summary of receipts and disbursements, which is supported by schedules showing in detail the receipts of the chief clerk and disbursements against current, State and United States appropriations, together with a statement of balances in these appropriations. A detailed report of the receipts of the treasurer is not included as this report has been submitted to you by the treasurer. The report also includes lists of warrants drawn during the quarter against the general University, School of Pharmacy, College of Medicine, and Agricultural Experiment Station funds.

Very truly yours

Very truly yours, GEO. E. FRAZER, Comptroller.

## CASH SUMMARY.

Balance, January 1, 1913		<b>\$</b> 73,450	63		
Receipts for the Quarter— Chief clerk					
Treasurer (not including remit- tances of chief clerk		1,296,818	50		
Disbursements for the quarter		1,200,010	00	\$570,049	46
Balance, March 31, 1913— Chief clerk Treasurer (allowing for outstand-					
ing warrants)	787,011 17				
•				800,219	76
		\$1,370,269	22	\$1,370,269	22

#### RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, January 1, 1913		• •	\$19,100	41
RECEIPTS.	4.5			
Accountancy\$	47			
Adams fund receipts	826	26		
Agricultural College	14,702	75		
Agricultural Experiment Station receipts	9,540			
Blue printing	565			
Building Department	222			
Chemistry	60	79		
Engineering Building site		00		
Engineering College		28		

Engineering Experiment Station ... 314 39
Fees—General ... 38,556 00

## RECEIPTS AND REMITTANCES OF THE CHIEF CLERK-Concluded.

Fees—Special	\$12,519 50
Ground Department	40 65
Hatch fund receipts	151 20
Hospital Association	720 00
Illinois Canners' Association fund	1,000 00
Library fines	78 50
Lincoln Hall cabinets	15 00
Lockers—General	97 00
Lockers—Gymnasium	1.089 00
McKinley fund—Interest	7151 12
McKinley fund—Principal	$806 \ 25$
Philology, Journal of	726 89
Psychology	11 24
Snyder fund—Interest	275 65
Granden from d. Deimoinol	1.097 50
Snyder_fund—Principal	
Steam Department	445 32
University studies	$22\ 42$
Water survey	97 60
Woman's League loan fund—Interest	15 80
Woman's League loan lunu-interest	
Woman's League loan fund—Principal	100 00
-	

85,259 38

REMITTANCES TO H. A. HAUGAN, TREASURER.

1913.																													
January	9																											\$ 151	20
																												10,000	
	$^{22}$								,										•						•				
February																												45,000	
February																													
March 7																													
March 24	ŧ.	 •	٠	•	•	•	٠	•	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	15,000	UU

\$91,151 20 13,208 59

\$104,359 79 \$104,359 79

## DISBURSEMENTS.

#### CURRENT APPROPRIATIONS.

Agricultural college.         40,913 05         15,852 19         15,066 31         30,918 50         9,994 5           Agricultural experiment station.         35,203 81         3,092 52         7,288 74         10,381 26         24,822 5           Alumni Quarterly         1,000 00         500 00         250 00         750 00         250 00           Alumni Record.         5,388 07         580 10         162 32         743 42         4.584 6           Applied Mechanics         1,353 51         89         11 60         12 49         1,343 0           Art and design.         500 00         111 97         131 85         243 82         256 18           Band instructor deposits.         150 50         35 00         35 00         115 59         35 00         115 59           Bilue printing.         1,815 76         948 65         573 81         1,522 46         293 3           B'rial B'rith library.         525 00         153 20         274 67         427 87         97 11           Botany         2,500 00         1,559 96         372 28         1,932 24         293 3           Buildings and grounds.         5,000 00         1,559 96         372 28         1,932 24         567 78           Buildings and grounds.						
Agricultural college.         40,913 05         15,852 19         15,066 31         30,918 50         9,994 5           Agricultural experiment station.         35,203 81         3,092 52         7,288 74         10,381 26         24,822 5           Alumni Quarterly         1,000 00         500 00         250 00         750 00         250 00           Alumni Record.         5,388 07         580 10         162 32         743 42         4,584 8           Applied Mechanics         1,353 51         89         11 60         12 49         1,343 0           Art and design.         500 00         111 97         131 85         243 82         256 18           Band instructor deposits.         150 50         35 00         35 00         115 59         35 00         115 59         35 00         115 59         36 00         115 59         36 00         115 59         373 81         1,522 46         293 38         38 13 12 24         2,530 00         115 59         35 00         115 59         373 81         1,522 46         293 38         38 15 24         38 24         38 24         25 00         115 59         373 81         1,522 46         293 38         38 15 24         38 24         38 24         38 24         38 24         38 24         38 24<	Appropriation.	of appropri-	ments before	ments this	disburse-	Balance.
Hospital association	Agricultural college. Agricultural experiment station. Alumni Quarterly. Alumni Record. Applied Mechanics Art and design. Band instructor deposits. Blue printing. B'nai B'rith library. Botany Buildings and grounds. Chemistry. Classics. Dean of men Dean of women. Editing University Bulletin. Education, School of. Engineering building site. Engineering college. Engineering experiment station. Engilsh Entomology Geology. Germanic language. Gymnasium lockers. High school contest. History. Hospital association fund. Incidentals Interest on land contract. Labor.	40, 913 05 35, 203 81 1, 000 00 5, 328 07 1, 353 51 500 00 150 50 1, 315 76 525 00 2, 500 00 5, 000 00 100 00 3, 000 00 1, 000 2, 250 00 1, 334 25 12, 000 00 1, 701 00 1, 340 80 2, 500 00 1, 340 80 2, 500 00 1, 340 80 2, 340 80 2, 340 80 2, 340 80 2, 340 80 3, 000 00 4, 340 80 4, 500 00 48 30 64, 500 00	15, 852 19 3,092 52 3,092 52 580 10 580 10 948 65 153 20 9,537 28 32 79 1,571 01 220 92 4 05 426 52 1 20 4,233 37 450 89 1,075 52 331 84 8 17 727 95 53 40 618 25 436 13 4,416 64	15, 066 31 7, 285 000 162 32 11 60 131 85	30, 918 50 10, 381 26 750 00 743 42 12 49 243 82 35 00 1, 522 46 427 87 1, 932 24 100 00 12, 327 38 37 79 2, 339 98 4 05 863 88 1, 241 20 6, 498 80 1, 008 88 1, 404 25 726 39 118 57 1, 008 88 1, 404 25 726 39 118 57 1, 042 30 80 23 74 41 997 25 653 95 6, 068 06	\$ 2, 108 71 9, 994 55 24, 822 55 250 00 4, 584 65 1, 343 02 256 81 156 76 4, 900 2, 672 62 62 21 660 02 143 72 995 55 1, 386 12 296 75 5, 501 20 986 76 541 12 296 75 614 41 81 43 1, 957 70 1319 77 75 59 744 46 752 18 3, 931 94 4 8 30 21, 036 13 1, 303 08

## DISBURSEMENTS-Continued.

Appropriation.	Amount of appropri- ation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Library sines Library school Library school assistants Library supplies Lincoln hall dedication Literature and Arts, College of McKinley fund McKinley fund interest. Mathematics. Mathematics. Medicine, College of, budget. Military department. Military department. Military department. Military band scholarship Music, School of Pharmacy, School of Pharmacy, School of Phailology, Journal of Philology, Journal of Physical training, men Physical training, women. Physical training, women. Physical training, women. Physical aboratory assistants Physiology. Plym fellowship Political science Psychology Public school drawing exhibit. Rebates to students Romance languages Science, College of. Snyder fund, eprincipal. Snyder fund, deposits. Snyder fund, interest. Sociology. Soil extension. Summer library school Summer library school Summer ression, 1913 Supervising architect University fellowships Water survey receipts Woman's League loan fund Zoölogy. Totals, current funds.	3, 940 00 145 95 750 00 800 00 1,286 25 174 74 200 00 20,652 16 1,150 00 1,4594 19 1,433 81 100 00 1,900 00 1,900 00 1,900 00 1,900 00 1,900 00 1,900 00 1,900 00 1,000 00 50	\$ 48 33 174 00 2.140 28 145 95 62 89 144 89 	\$ 27 71 258 70 990 10 601 00 87 58 1,580 00 29 15 3,757 99 375 75 275 89 3,482 95 314 87 1 45 961 09 20 81 162 01 162 01 162 01 162 01 162 01 163 00 1,325 0	\$ 76 04 432 70 3 130 38 135 95 663 89 232 47 1,580 00 53 28 3,757 99 725 31 1,134 60 7,667 70 40 30 1 40 30 21 00 288 01 1,364 58 800 00 24 21 500 00 14 556 336 45 364 39 3,725 00 2,346 67 300 00 30 29 1,014 80 390 85 1,602 34 1,295 85 1,602 34 1,295 85 1,602 34 1,295 85 3,378 81 \$173,343 68	\$ 94 81 81 847 30 809 62 86 11 1 1567 53 847 146 72 16 894 69 2000 00 255 40 250 02 311 99 5555 42 200 00 25 79
	1,010,101 01	14130,040 00	1	1,2,0,010 00	+111, 100 10

<sup>\*</sup> Overdraft.

#### STATE APPROPRIATIONS.

Appropriation.	Amount of appropri- ation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Agricultural College Agronomy green house Animal husbandry building Apparatus and appliances— Closed out Astronomy Botany Psychology	80,000 00 3,998 83 2,129 33 900 00	\$289, 523 22 8, 482 49 545 04 3, 998 83 1, 566 49 900 00	\$41, 176 51 517 51 371 44 	\$330,699 73 9,000 00 916 48 3,998 83 1,601 49 900 00 13 48	\$85, 100 2 79, 083 5 527 8
Unassigned  Totals, apparatus and appliances	871 84	\$6,465 32	\$48 48	\$6,513 80	\$1,486 2
ArmoryBuildings and groundsCabinets—	\$100,000 00 50,000 00	\$ 9,020 49 36,763 43	\$44,151 92 10,499 58	\$53,172 41 47,263 01	\$46,827 5 2,736 9
Closed out Lincoln hall Natural history	3,480 84	3,407 79 2,500 52 279 31	291 77 410 28	3,407 79 2,792 29 689 59	688 5 421 7
Totals, cabinets	\$8,000 00	\$6,187 62	\$702 05	\$6,889 67	\$1,110 3

## DISBURSEMENTS-Continued.

	DISBURSEM	IMIS COM	mucu.		
Appropriation.	Amount of appropri- ation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Ceramics	\$ 30,000 00 21,000 00 20,000 00 5,000 00 9,000 00 125,000 00 30,000 00 30,000 00 5,000 00 200,000 00	\$ 19,570 43 15,691 67 18,720 37 	\$ 5,556 53 5,308 33 1,101 88 	\$ 25, 126 96 21,000 00 19, 822 25	\$ 4,873 04 177 75 5,000 00 9,000 00 15,240 58 6,360 94 1,467 85 223 41 2,162 26 18,671 51
maintenance college— Closed out College Experiment station Salaries	74, 391 40 31, 975 03 43, 633 57 30, 000 00	74,391 40 12,360 71 19,124 97 11,999 92	8,544 74 9,141 78 8,999 94	74,391 40 20,905 45 28,266 75 20,999 86	11,069 58 15,366 82 9,000 14
Totals, engineering extension	\$180,000 00	\$117,877 00	\$26,686 46	\$144,563 46	\$35,436 54
Fire protection. Floriculture. Glass house. Graduate school. Gymnasium. Heating and lighting plant Horticulture. Household science.	\$ 3,000 00 16,000 00 30,000 00 100,000 00 5,000 00 30,000 00 30,000 00 5,000 00	\$ 2,934 99 12,411 84 17,587 42 57,676 15 5,000 00 29,177 33 24,189 69 2,607 58	\$ 65 01 2,937 13 9,444 82 10,446 57  822 67 3,642 82 20 21	\$ 3,000 00 15.348 97 27,032 24 68,122 72 5,000 00 30,000 00 27,832 51 2,627 79	\$ 651 03 2,967 76 31,877 28 
Interest on endowment fund— Closed out Agricultural College General	32,411 82 16,208 02 16,208 02	32,411 82 8,103 98 6,499 96	8,104 04 4,874 97	32, 411 82 16, 208 02 11, 374 93	4,833 09
Totals, interest on endowment fund	\$64,827 86	\$47,015 76	\$12,979 01	\$59,994 77	\$4,833 09
Law building Law school Library Live stock specimens. Mines investigation Mining building. Mining engineering	\$ 15,000 00 50,000 00 50,000 00 22,500 00 10,000 00 25,000 00 30,000 00	\$ 9,699 29 32,709 72 31,659 22 16,794 83 7,529 55 20,552 24 12,623 50	\$ 555 60 6,728 26 7,212 69 3,643 63 1,052 29 4,223 67 9,544 63	\$ 10,254 89 39,437 98 38,871 91 20,438 46 8,581 84 24,775 91 22,168 13	\$ 4,745 11 10,562 02 11,128 09 2,061 54 1,418 16 224 09 7,831 87
Live stock specimens. Mines investigation Mining building Mining engineering Operating expenses— Closed out. Board expense Comptroller's office. Furniture and fixtures. Heat and light. High school visitor. Lectures. President's office Printing and postage. Registrar's office. Salaries for instruction Salaries for services. Summer session, 1912. Unassigned.	545,561 62 2,500 00 3,270 00 5,000 00 40,000 00 2,900 00 2,000 00 12,000 00 4,220 00 4,220 00 415,000 00 13,692 18 1,856 20	545, 561 62 799 58 1, 199 36 908 14 18, 731 38 1, 576 80 175 00 718 30 2, 946 60 2, 114 36 197, 415 71 46, 634 62 13, 692 18	1, 700 42 421 33 512 10 10, 944 04 494 56 1, 734 57 314 02 3, 240 63 1, 085 82 109, 150 40 26, 314 48	545,561 62 2,500 00 1,620 69 1,420 24 29,675 42 2,071 36 1,909 57 1,032 32 6,187 23 3,200 18 306,566 11 72,949 10 13,692 18	1,649 31 3,579 76 10,324 58 828 4 3,090 43 967 68 5,812 77 1,019 82 108,433 89 24,050 90
Totals, operating expenses	\$1,150,000 00	\$832,473 65	\$155,912 37	\$988,386 02	\$161,613 98
Pavements and walks Pharmacy, school of Sheep building Shop practice Social and political science Soil investigation Soil maps Stock investigation Telephone exchange University (Lincoln) hall.	\$ 8,000 00 20,000 00	\$ 6,753 28 18,263 32 1,997 39 10,930 36 31,961 18 107,669 81 17,056 65 41,938 50 1,890 04 249,549 20	\$ 298 53 1,736 68 2 61 832 77 6,656 14 10,881 82 1,469 23 7,949 16 269 42	\$ 7,051 81 20,000 00 2,000 00 11,763 13 38,617 32 118,551 63 18,525 88 49,887 66 2,159 46 249,549 20	\$ 948 19 
Veterinarian college, research laboratory		26,008 75 19,529 44	2,390 67 4,946 65	28,399 42 24,476 09	1,600 58 5,523 91

#### DISBURSEMENTS-Concluded.

Appropriation.	Amount of appropri- ations.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Water station Water survey. Women's building addition Totals, State appropriations	125,000 00	\$ 4,000 00 9,097 30 82,579 23 \$2,624,414 01	\$ 1,493 73 12,025 77 \$468,478 98	\$ 4,000 00 10,591 03 94,605 00 \$3,092,892 99	\$ 4,408 97 30,395 00 \$658,234 87

#### UNITED STATES APPROPRIATIONS.

Appropriation.	Amount of appropriations.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Adams fund	\$15,000 00 1,140 77 15,000 00 218 41	\$6,059 24 5,397 47 3 84	\$3,888 82 4,433 37 209 12	\$ 9,948 06 	\$5,051 94 1,140 77 5,169 16 5 45
Agricultural college	12,500 00 12,500 00	6,250 00 9,866 50	6,250 00 2,633 50	12,500 00 12,500 00	
Total, Morrill fund	\$25,000 00	\$16, 116 50	\$8,883 50	\$25,000 00	
Nelson fund— Agricultural college General	\$12,500 00 12,500 00	\$6,250 00	\$6,250 00 4,891 37	\$12,500 00 4,891 37	7,608 63
Total, Nelson fund	\$25,000 00	\$6,250 00	\$11,141 37	\$17,391 37	\$7,608 63
Totals, U. S. appropriations	\$81,359 18	\$33,827 05	\$28,556 18	\$62,383 23	\$18,975 95
Grand totals	\$4,150,618 91	\$2,758,570 44	\$570,049 46	\$3,328,619 90	\$821,999 01

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented for record the following report of appointments made by the President of the University to fill vacancies in positions created by the Board of Trustees:

by the Board of Trustees:

Buckler, Helen I., Stenographer in the Business Office, beginning April 1, 1913, and continuing until further notice, or until August 31, 1913, at a salary of fifty dollars (\$50) a month. (April 12, 1913.\*)

Durfey, Franc, Stenographer in the School of Commerce, beginning April 2, 1913, and continuing until August 31, 1913, at a salary of fifty dollars (\$50) a month. (April 15, 1913.)

Fies, Robert I., Laboratory Helper in the Department of Botany for the months of July and August, 1913, at a salary of fifty dollars (\$50) a month. (March 8, 1913.)

Grigg, Daniel R., Custodian in the Law Library, from March 1, 1913, to June 15, 1913, at a salary of fifteen dollars (\$15) a month. (March 6, 1913.)

Prucha, Martin J., Assistant Professor of Dairy Bacteriology in the College of Agriculture and Assistant Chief in Dairy Bacteriology in the Agricultural Experiment Station, for a term of three years, work and salary to begin as soon as he reports for service, at a salary of twenty-five hundred dollars (\$2,500) per annum. (April 7, 1913.)

Trelease, William, Professor of Botany, and until further notice Acting Head of the Department of Botany, beginning September 1, 1913, at a salary of five thousand dollars (\$5,000) per annum. (April 8, 1913.)

## APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS.

The secretary presented also for record the following list of appointments to scholarships and fellowships for the academic year 1913-1914, made

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of heta hetaUniversity.

by the President of the University as authorized by the Board of Trustees at its meeting of December 19, 1913 (page —):

at its meeting of December.	19, 1919 (page —).	
Agronomy	Nallace Macfarlane, Fellowship. Raymond S. Smith, Scholarship. Frank A. Wyatt, Fellowship. William E. Carroll, Fellowship. Warren Lincoln, Scholarship. P. A. Lehenbauer, Fellowship. Cyrus W. Lantz. Scholarship. O. E. Harder, Fellowship. E. O. Heuse, Fellowship. J. W. Howard, Fellowship. H. M. McGregor, Fellowship. E. B. Millard, Fellowship. Karr Parker, Scholarship.	\$350 00
	Raymond S. Smith, Scholarship	250 00
the state of the s	Frank A. Wyatt, Fellowship	350 00
Animal Husbandry	.William E. Carroll, Fellowship	400 00
	Warren Lincoln, Scholarship	250 00
Botany	.P. A. Lehenbauer, Fellowship	400 00
	Cyrus W. Lantz. Scholarship	250 00
Chemistry	O. E. Harder, Fellowship	300 00
,	E. O. Heuse, Fellowship	400 00
, ,	J. W. Howard, Fellowship	300 00
	H. H. McGregor, Fellowship	350 00
	E. B. Millard, Fellowship	400 00
	Karr Parker, Scholarship	250 00
CI	Paul A. Paulson, Scholarship	$\begin{array}{ccc} 250 & 00 \\ 250 & 00 \end{array}$
Classics	Louise Austin, Scholarship	$\begin{array}{cccc} 250 & 00 \\ 250 & 00 \end{array}$
•	Aloa A. Haskett, Scholarship	$\begin{array}{cccc} 250 & 00 \\ 250 & 00 \end{array}$
	Lois M. Miles, Scholarship	$\begin{array}{cccc} 250 & 00 \\ 250 & 00 \end{array}$
	Till D Vocasloin Followship	300 00
Economics	End E Clark Followship	350 00
Economics	P E Lamb Cabalarghia	$250\ 00$
	Edward I McKenne Cabelenghin	$\frac{250}{250} \frac{00}{00}$
Education	C F Hollow Followship	350 00
Engineering (Arch)	A D Drandnar Scholarghin	250 00
Engineering (A E)	Wm C Wolfe Cabelarabin	250 00
Engineering (R. E.)	Stanlar D Farwall Followship	400 00
Engineering (E. E.)	Howard Mathewa Scholership	250 00
•	Horman C Wolf Scholarship	$\frac{250}{250} \frac{00}{00}$
Engineering (Min)	Marla T. Nahal Scholarship	$\begin{array}{ccc} 250 & 00 \\ 250 & 00 \end{array}$
English (Mill.)	Lois A Browne Scholarship	250 00
Tanguan	Ida B Daway Cahalanahin	250 00
	N A Crawford Scholarchin	250 00
Entomology	C D Fracker Followship	350 00
Entomology	Philip Garman Scholarship	250 00
	N I. Partridge Scholarshin	250 00
Geology	R W Brown Fellowshin	350 00
German	Nell Conway Scholarshin	250 00
Gorman	H. H. McGregor, Fellowship, E. B. Millard, Fellowship, Karr Parker, Scholarship, Paul A. Paulson, Scholarship, Louise Austin, Scholarship, Louise Austin, Scholarship, Louise Austin, Scholarship, Loise Fay Miller, Scholarship, Lily B. Voegelein, Fellowship, Lily B. Voegelein, Fellowship B. F. Lamb, Scholarship, Lily B. F. Lamb, Scholarship, Lily B. F. Lamb, Scholarship, C. E. Holley, Fellowship, A. R. Brandner, Scholarship, Mm. S. Wolfe, Scholarship, Mm. S. Wolfe, Scholarship, Stanley P. Farwell, Fellowship, Howard Mathews, Scholarship, Herman C. Wolf, Scholarship, Hernan C. Wolf, Scholarship, Merle L. Nebel, Scholarship, Lois A. Browne, Scholarship, Ida B. Dewey, Scholarship, S. B. Fracker, Fellowship, N. A. Crawford, Scholarship, N. L. Partridge, Scholarship, N. L. Partridge, Scholarship, N. L. Partridge, Scholarship, N. Hoown, Fellowship, Nell Conway, Scholarship, Viola E. Knoche, Scholarship, U. F. Pasmore, Scholarship, U. F. Pasmore, Scholarship, U. Schinnerer, Scholarship, J. Earl Miller, Fellowship, Arthur F. Peine, Fellowship, Mr. E. Stevens, Scholarship.	250 00
	Viola E. Knoche Scholarship	250 00
	D. F. Pasmore, Scholarship	250 00
	Otto P. Schinnerer, Scholarship	250 00
	Thekla M. Siebens, Scholarship	250 00
History	Jessie J. Kile, Scholarship	250 00
	J. Earl Miller, Fellowship	350 00
	Arthur F. Peine, Fellowship.  Arthur F. Peine, Fellowship.  W. E. Stevens, Scholarship.  W. W. Sullivan, Scholarship.  Margaret K. Theilen, Scholarship.  Mary I. Droke, Scholarship.  Nelle L. Ingels, Scholarship.  E. A. T. Kircher. Fellowship.	350 00
	W. E. Stevens, Scholarship	250 00
	W. W. Sullivan, Scholarship	250 00
22.25.22	Margaret K. Theilen, Scholarship	250 00
Mathematics	. Mary I, Droke, Scholarship	250 00
	Nelle L. Ingels, Scholarship	250 00
	E. A. T. Kircher, Fellowship	400 00
	E. A. T. Kircher, Fellowship. L. C. Mathewson, Fellowship. C. N. Stokes, Scholarship. Mabel E. Thorne, Scholarship.	400 00
	C. N. Stokes, Scholarship	250 00
	Mabel E. Thorne, Scholarship	250 00
Dhilaganha	William H. Wilson, Scholarship	250 00
Philosophy	Helen I. Cusning, Scholarship	250 00
Dhyging	Mabel E. Thorne, Scholarship.  William H. Wilson, Scholarship, Helen I. Cushing, Scholarship. C. M. Hobart, Fellowship. Paul Bayley, Scholarship. Carlton V. Kent, Fellowship. Midred C. Seyster, Scholarship. W. A. Shewhart, Scholarship. M. J. Atwood, Fellowship.	300 00
Fnysics	Paul Bayley, Scholarship	$\begin{array}{cccc} 250 & 00 \\ 350 & 00 \end{array}$
	Cariton V. Kent, Fellowship	
	Mildred C. Seyster, Scholarship	$\begin{array}{ccc} 250 & 00 \\ 250 & 00 \end{array}$
Political Science	W. A. Snewhart, Scholarship	$\frac{250}{350} \frac{00}{00}$
Tontical Science	Oliver C Moles Scholarship	250 00
	Allen C Wilhun Caholenghin	$\frac{250}{250} \frac{00}{00}$
Psychology	W. A. Snewhart, Scholarship M. J. Atwood, Fellowship Oliver C. Moles, Scholarship Allen S. Wilbur, Scholarship Helen Clark, Scholarship Louis Allen, Scholarship Lewis P. Bosyes Scholarship	$250\ 00$
Romance Languages	Towig Allon Scholarship	250 00
Livering Hambuages	Harry D Rosyge Scholarship	$\frac{250}{250} \frac{00}{00}$
Sociology	Harry P. Reeves, Scholarship	250 00
Zoölogy	Togga T. Conel Hellowshin	350 00
	Elizabeth M Gitting Fellowshin	300 00
	T E Cutherlet Fellowship	350 00 300 00 400 00
	Morris Johnson Fellowship	300 00
	Elizabeth M. Gittins, Fellowship.  J. E. Gutberlet, Fellowship.  Morris Johnson, Fellowship.  Minnie E. Watson, Fellowship.	350 00
	C. F. C. Riley, Fellowship.	400 00
	5. 2. 6. 2016), 2 616 HOLLIGHT	200 00

RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.

Jefferson Hall Belt, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

Julian Montgomery, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

Louis August Scholl, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

## NOTICE TO EX-TREASURER HAUGAN OF TREASURER BUSEY'S ELECTION.

The secretary presented for record the following letter from President Abbott to ex-Treasurer Haugan, notifying him of the election of Treasurer

April 6, 1913.

Haugan, Treasurer, University of Illinois, State Bank of Chicago, Mr. Henry A. E. Chicago, Ill.

DEAR SIR: This is to advise you that Mr. M. W. Busey has been elected and qualified as Treasurer of the University of Illinois to succeed yourself, and you are hereby directed to turn over to him all moneys, securities, documents and other property of the University now in your possession and accept therefor Mr. Busey's receipts.

I will arrange to have an audit made of your books early next week, and to facilitate this audit I would suggest that, if agreeable to both yourself and Mr. Busey, you retain the books until after the audit is completed.

Very truly yours.

Very truly yours,
W. L. Abbott, President.

## CONTRACTS FOR UNIFORMS AWARDED.

Mr. Moore, as Chairman of the Special Committee, consisting of Mr. Moore, Prof. George E. Frazer, Comptroller, and Lieut.-Col. B. C. Morse, Commandant, authorized by the Executive Committee on February 1, 1913 (p. -), with power to open bids and award a contract for uniforms for the corps of cadets, reported that the committee had received bids from the Gulick Tailoring Company, Champaign; the Henderson-Ames Company, Kalamazoo, Mich.; Jacob Reed's Sons, Philadelphia, Pa.; the Pettibone Brothers Manufacturing Company, Cincinnati, Ohio, and Stern Brothers, Champaign, and had awarded the contract for flannel shirts and ties to Stern Brothers, and for the remaining items of the uniform, including coats, trousers, caps, shoulder straps, chevrons, U. of I. monograms, insignia of rank, collars, and gloves, to Jacob Reed's Sons.

This report was received for record.

## EMPLOYMENT OF COLLECTING AGENCY AUTHORIZED.

Mr. Moore, as Chairman of the Finance Committee, reported that the committee had authorized the comptroller to employ the collections department of R. G. Dunn & Company in the collection of delinquent fees and delinquent loans from the Snyder Loan Fund, if, in his opinion, it is desirable in any individual case to do so; this matter having been referred to the Finance Committee at the board meeting of April 4, 1913 (p. 211), with power to act.

## THE CHIEF CLERK'S BOND APPROVED.

Mr. Abbott reported that the Executive Committee, under the board's authorization of April 4, 1913 (p. 208), had approved the bond of Mr. Oren E. Staples, Chief Clerk, furnished by the Illinois Surety Company.

The committee adjourned.

W. L. ABBOTT, ALLEN F. MOORE.

C. M. McConn. Clerk.

## Meeting of May 9, 1913.

Aspecial meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, beginning at 2 P.M., on Friday, May 9, 1913, pursuant to the following notice which was sent out by the secretary on May 2, 1913:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room, in the Natural History Building, University Campus, Urbana, on Friday, May 9, 1918, beginning at 2:00 p.m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett. President James was present.

President James reported that he had attended the funeral of Dr.

Andrew Sloan Draper, formerly President of the University.

President James also gave an informal report of the recent hearings on the University bills before the legislative committees.

There being no quorum present, the board adjourned.

W. L. ABBOTT, President.

C. M. McConn, Secretary.

## MEETING OF THE EXECUTIVE COMMITTEE, MAY 9, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, immediately following the adjournment of the special meeting of the board, on Friday, May 9, 1913.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; also Mrs. Busey, Mrs. Evans, Mrs. Henrotin, and Mr. Hoit,

members of the board.

It was voted to authorize the chairman to appoint a committee of three to draft resolutions concerning the late Dr. Andrew Sloan Draper, President of the University of Illinois, 1894–1904, deceased April 27, 1913.

The committee adjourned.

C. M. McConn, Clerk.

W. L. ABBOTT, JOHN R. TREVETT.

## Meeting of May 22, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held in the office of the Superintendent of Public Instruction, at Springfield, Ill., on Thursday, May 22, 1913, beginning at 3 P.M., pursuant to the following notice which was sent out by the secretary on May 16:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the office of the Superintendent of Public Instruction, at Springfield, Ill., on Thursday, May 22, 1913, beginning at 3:00 p.m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented. duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Trevett, Miss Watson. President James was present.

## PROPOSED CHANGES IN THE FINANCIAL MANAGEMENT OF THE UNIVERSITY.

President James presented a copy of a report by Messrs. Barrow, Wade, Guthrie & Company, Public Accountants, of Chicago, to Hon. James J. Brady, Auditor of Public Accounts of the State of Illinois, under date of April 12, 1913, covering an examination of the financial affairs of the University, and making certain recommendations with reference to changes in the financial management of the institution; also a communication from Prof. George E. Frazer, Comptroller, under date of May 15, 1913, commenting upon various statements and recommendations made in the above mentioned report.

President James also read in full a discussion which he had presented at a conference with the Governor and other State officers and certain members of the General Assembly at the Leland Hotel in Springfield on the evening of May 21, 1913.

After full discussion, President Abbott, asking Mr. Hoit to take the chair, offered the following resolution:

WHEREAS, Various radical propositions have been made looking to a change in the management of the finances of the University of Illinois; and,
WHEREAS, It is the sense of the Board of Trustees that some of the changes would be detrimental to the efficient management of the University; therefore, be it Resolved, That the Board of Trustees of the University of Illinois hereby respectfully requests His Excellency, Hon. Edward F. Dunne, Governor of the State of Illinois, to use his influence to prevent any such changes being made until a better opportunity is offered for the careful investigation of the propositions and their effect than can be had during the closing hours of a busy session.

The foregoing resolution was adopted by the unanimous vote of the

The foregoing resolution was adopted by the unanimous vote of the members present.

#### APPROPRIATION TOWARD AN EMPLOYMENT BUREAU.

President James presented a recommendation from Prof. Thomas Arkle Clark, Dean of Men, that an appropriation of three hundred dollars (\$300) be made for the academic year beginning September 1, 1913, to assist in maintaining an employment bureau to help self-supporting students to find places to work.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Miss Watson; no, Mr. Trevett; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

# REIMBURSEMENT OF CHEMISTRY DEPARTMENT FOR EXPENDITURES FOR OTHER DEPARTMENTS.

President James presented a recommendation from Prof. W. A. Noyes, Director of the Chemical Laboratory, for an assignment to the Department of Chemistry of the sum of eight hundred forty-eight dollars and ninety-seven cents (\$848.97) to cover amounts which have been expended by the department during the current year for apparatus and chemicals furnished to other departments.

On motion of Mr. Hoit, this request was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

## POWER OF ATTORNEY TO SIGN BONDS.

On motion of Mr. Blair, the following resolution was adopted, authorizing the President of the Board of Trustees to execute powers of attorney, appointing agents and attorneys in the several customs collection districts within the United States who shall have authority to receive and enter at the custom houses in such collection districts, goods, wares, and merchandise imported by the Board of Trustees:

imported by the Board of Trustees:

Whereas, It is deemed advisable for the convenient and effectual transaction of the customs business of the Board of Trustees of the University of Illinois, a corporation organized and existing under the laws of the State of Illinois, to appoint in the several collection districts within the United States, agents and attorneys who shall have authority to receive and enter at the custom houses in such collection districts any and all goods, wares, and merchandise hereafter imported by said corporation, or which may hereafter arrive consigned to said corporation; to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation, any bond or bonds which may be required for or to secure the payment of duties and other charges on any and all such goods, wares, and merchandise, to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation any and all bonds requisite or necessary for obtaining the debenture and drawback on any and all goods, wares, and merchandise hereafter exported by the said corporation and to receive and receipt for debenture certificates and to collect the amount due thereon; to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation, any and all other bonds which are or may be required by the customs laws and regulations issued in pursuance thereof, and any and all bonds which may be voluntarily given and accepted in customs procedure, and to endorse any and all bills of lading covering merchandise exported with benefit of drawback, and to execute any and all necessary documents which are required for drawback purposes; and on behalf of the said corporation to make declaration of ownership of any and all goods, wares, and merchandise imported by said corporation, and generally to transact at the said custom houses any and all customs business in which said corporation is, or may be, concerned or interested,

Now, therefore, at a special meeting of the Board of Trustees of the University of Illinois, held at the office of the Superintendent of Public Instruction of the State of Illinois (an ex officio member of said Board of Trustees), in the city of Springfield, Ill., on the 22d day of May, A.D. 1913, a quorum being present, it is hereby

Resolved, That the President of the said Board of Trustees be, and he hereby is authorized, on behalf of the said corporation, and as its act and deed, to execute such powers of attorney appointing agents and attorneys in the several customs collection districts within the United States, or any of them, as in his opinion are or may be necessary or proper to carry into effect the purposes and objects set forth in the foregoing preamble, said powers of attorneys to have affixed to them the corporate seal of said corporation, duly attested by the secretary of said corporation.

## SABERS AND BELTS TO BE GIVEN TO CADET OFFICERS AT GRADUATION.

President James presented a request from Col. B. C. Morse, Commandant, that the sabers and belts worm by officers of the cadet regiment during their senior year be given to them by the University upon graduation; this would

necessitate the replacing of these articles by the University each year; the number involved this year would be 25 sabers at \$7.25 each, or \$181.25, and 25 belts at \$2.50 each, or \$62.50, making a total of \$243.75; Colonel Morse believes that this concession would tend to stimulate a desire for these positions.

On motion of Mr. Blair, this recommendation was approved, and an appropriation of two hundred forty-three dollars and seventy-five cents (\$243.75) was made for the purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

#### APPOINTMENT OF AN INSTRUCTOR IN VOICE.

President James presented a recommendation that Mr. Heber D. Nasmyth be appointed Instructor in Voice in the School of Music for the academic year beginning September 1, 1913, at a salary of seventeen hundred dollars (\$1700) for the year.

This recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Miss Watson; no, Mr. Trevett; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

### PERMISSION FOR THE ERECTION OF A MEMORIAL GATEWAY.

President James presented a request from the Class of 1913 for permission to erect a memorial gateway facing Wright Street at the beginning of the walk running along the south side of Lincoln Hall to the Auditorium. This request was approved.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## Meeting of June 10, 1913.

The regular quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, on Tuesday, June 10, 1913, beginning at 10 A.M.

When the board convened the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson.

#### MINUTES APPROVED.

The secretary having presented the minutes of April 4, 1913, the following corrections were noted:

- (1) To be inserted on page 210 immediately above the heading "Appropriation for the College of Medicine":
- (1a) A bill from Mr. C. H. Blackall, Architect, one of the members of the Commission on Campus Plans, for professional services in the preparation of studies for the extension of the campus, and for the expenses of three trips from Boston to Chicago and Champaign, amounting to \$962.36, approved by Professor James M. White, Supervising Architect.

  Action on this matter was deferred.

(2) The last paragraph on page 211 to read as follows:

On motion of Mr. Montgomery, it was voted that the President of the University be given leave of absence for such period during the summer and fall of the current year as may be necessary to enable him to attend the International Conference on Education at The Hague; such attendance to be without expense to the University.

With these corrections the minutes of the meeting of April 4, 1913, were

approved.

The secretary presented the minutes of the board meetings of April 24, May 9, and May 22, 1913, which were approved.

#### LEGALITY OF EXECUTIVE COMMITTEE MEETING OF APRIL 24, IN QUESTION.

Mr. Trevett offered the following motion:

That the minutes of purported meeting of the Executive Committee April 24, 1913, be not approved.

For the reason that no notice of the intention of holding such a meeting

was given to the members of the committee.

That any action taken at such purported meeting was illegal, void, and of no effect.

On motion of Mrs. Henrotin, the foregoing motion was laid on the table for the time being. The vote on the motion to lay on the table was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore; noes, Mrs. Busey, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### AUTHORTIY TO CONFER DEGREES.

President James requested authority to confer degrees at the Fortysecond Annual Commencement to be held on Wednesday, June 11, 1913, on the persons recommended therefor by the faculties of the several colleges and schools and the University Senate, as listed below. On motion of Mrs. Busey, such authority was granted.

## SUMMARY OF DEGREES.

Degrees in the Conducte School			
Degrees in the Graduate School—	44.0	- 2.5	
A.M.			
M.S. C.E.			
E,E, M.E			
Ph.D.			
FILD.		20	
Total			139
10001	• • • • •	• • • •	100
Baccalaureate Degrees-	1		
A.B., College of Literature and Arts	- ""	. 197	
B.L., College of Literature and Arts		101	
A.B., College of Science			
B.S., College of Science			
B.S., College of Engineering			
B.S., College of Agriculture			
B.Mus., School of Music			
Diameter, School of Masse			
Total	11111		509
Degrees in Law—			*
LL.B.		23	
J.D			
Total			26
Degrees in Library Science—			
B.L.S.		. 8	
Total, Colleges and Schools in Urbana			682
Degrees in Medicine—		1.7.5	-
M.D		130	
	7		1
Degrees in Pharmacy—			
Ph.G		. 33	
Ph.C			
Total			36
			166
Total, Departments in Chicago			848
		***	

## LIST OF DEGREES.

#### THE COLLEGES AND SCHOOLS AT URBANA.

(Degrees Conferred June 11, 1913.)

#### THE COLLEGE OF LITERATURE AND ARTS.

#### The Degree of Bachelor of Arts.

In General Courses.

#### (With Thesis.)

Frederick Mortimer At-kinson, Jr., (Without Thesis.) Helen Abbott,
Lillian May Alband,
Ruby Letitia Allen,
Clarence Felix Anderson,
Isabella Anderson,
Peach Helen Andrews,
Glenn Cliffe Bainum,
Julia Minnetta Barber,
Leslie Carroll Barber,
Martha Elizabeth Bonham, Lucy Center Bradrick,

ham, Bertha Estelle Bourdette, Frances Josephine Boyd,

Louis Allen,

Lucy Center Bradrick,
James Fearon Brown,
Mary Viola Bruner,
Mabel Estelia Burwash,
Mary Gladys Burwash,
Helen Cecella Byrne,
Florence Adelaide Cassingham,
Kathleen Marcella Clyne,
Eleanor Marie Combse,
Josephine V. Conley,
Meta Consoer,
Norma Cooley,

Mallie Leona Davis,
Ruth Leone Davison,
Gladys Eade,
Hazel Elizabeth Fancher,
Middred Helen Felmley,
Ruth Mae Freeman,
Louise Wallace Garrett,
Lloyd Elias Gohn,
Joe Carpenter Grout,
Mabel Magdalene Haines,
Paul Johnson Haldeman,
Harry Ingalls Hannah,
Fay Charles Hare,

Jessie Fay Miller, Lena Josephine Myers. Julia Alberta Harper, Clara Belle Harshbarger, George Wirt Herrick, Joseph Howard Hinshaw, Mary Mildred Hoskins, Jose Ledesma Jalandoni, Alice Sarah Johnson, Nelle Irene Johnson, Mae Elizabeth Kelley, Cora Mae Lane, Ida Clementine Larkin, Theodore Edwin Loehr, Sarah Eula Loutzenhiser, Joseph McCrary McCune, Mabel McIntyre, Henry Theodore McKinnev.

Maryon Evelyn Mounts, Fanny Newman, Arthur Hook Ogle, Margaret Pack,

ham.

Helen Lucy Parker, Lola Maude Peterson, Opha Belle Pletcher, Agnes Nellie Porter, Ethel Alice Ranson, Alice Redhed, Harry Payne Reeves, Lillian Riddle, Nellie Pauline Righter, Nellie Read Roberts, Eva Love Robertson Nellie Read Roberts, Eva Love Robertson, Florence Elinor Robinson, Russel Curtis Rottger, Richard Yates Rowe, Ethel Imogene Salisbury, Jacob Philip Scheid, Otto Paul Schinnerer, Louise Curstows Schluttis Louise Gustava Schlutuis, Plascie Lafayette Schoolcraft Ralph Cleland Scott,

Edith Irene Sendenburgh, Edith Adeline Shultz, Bertha Anna Siemen, Mrs. Cora Hutton Sisam, James Roy Skiles, Margaret Katherine Theilen,
Calvin William White,
Mary Louise White,
Helen Woodrow Whitney,
Fay Willerton,
Lulu Hazel Williams,
Belle Williamson,
Ardie Geraldine Woods,
George Edward Woods,
Mabel Fern Worrell,
Allen Thurman Wright,
Samuel Anthony Wright. len. Samuel Anthony Wright, Henry Charles Zeis, Robert Paul Zimmerman.

In Business Courses.

(With Thesis.)

Harry Catlin Fulks, Henry Elisha Gaddis, Lewis Throckmorton Gre-Jay Austin Colvin, Cassius Bannister Conrad. Thomas Albright Cunninggory.

Charles Nelson Hill, Arthur Seymour Nevins, Harwell Cloud Thompson, Wing Fooe Wong.

(Without Thesis.)

James Henry Colombo, Frederick Boyden Cortis, Theodore Augustus Fritchey, Jr., Roscoe Herman Hicks, Fred Albert Hinrichsen, William Samuel Krebs, Louis Warren Lohr,

Welby West Miller, Harry Rugee Mirick, James Lawrence Nichols, William Henry Pearson, Wilbur Homer Ponder, Willard Blaine Porterfield, Alva LeRoy Prickett, Temple Elliott Ridgely,

Milton George Henry Severinghaus,
Clarke H. Spitler,
Cleaver Thayer,
Clyde Hollis Threlkeld, William Richardson Vosburg, Claude Harrison Watts.

In Household Science. (Without Thesis.)

Margaret Fanny Leach, Elsie Patton,

Marie Jennie Stoltey, Irene Burchard Wheeler.

#### The Degree of Bachelor of Literature.

Mrs. Eliza Marilla Wright Canaday, of the Class of 1885.

#### THE COLLEGE OF SCIENCE.

#### The Degree of Bachelor of Arts.

In General Science.

(With Thesis.)

Juanita Elizabeth Darrah, Pearl Forest Grove,

Ethel May Baird,

Bess Bovers.

Clarence Samuel Ross,

Mildred Clayton Seyster.

(Without Thesis.)

Carl Walter Allison, Albert King Atkinson, Johannes Petrus duBuisson, Victor Harold Cartwright, Homer Eldon Chenoweth, Clarence Farnsworth Churchill, Churchin, Clifton Wirt Clark, Harold Dudley Clayberg, Chester Charles Dillon, Alexander Elston, Leo Weiss Elston, Claribel Fehrman, Lyman Marion Fort,

Hugo Joseph Hahn, James Francis Harsh-barger, Edgar Paul Hermann, Stanley Hill, Russell Field Hunter, George Rufus Johnstone, Ernest Michael Rudolph Ernest Lamkey, Lamkey, Cyrus William Lantz, Francis DuLude Larkin, Henry Even McMullan, Theodore Decatur Me Me-Alice Elvira Morris.

George Mounce,
Charles Everett Myers,
Alma Jessie Neill,
James Arthur Noon,
Lyle Jay Pletcher,
Charley Lyman Porter,
Merwin Logsdon Prindle,
Acors Earl Rathbun,
Bryne Lucas Ray,
Edward Michael Schalck,
George William Seiler,
Walter Andrew Shewhart,
Roscoe Raymond Snapp,
Frank Vennum Stipp,
George Fred Sutherland,

Everett Harvey Taylor, Mabel Elizabeth Thorne, Reuben Raymond Turner, Herman William Weis, Elsa Wintermeyer, Tsing Too Woo,

Chai Kao Wu, Chia Cheow Yen, Yung Yen Young.

In Household Science.

Sara Blanche Elizabeth Cartwright, Emma Margaret Fahrnkopf. Marie Freeman,

Elizabeth Fruin, Marguerite Elston Gauger, Lucy Eleanor Hubbard,

Ada Eleanor Hunt, Clara Edith Locke, Cornelia Grace Mather, Maud Harriett Willard.

In the Six-Year Medical Course.

Henry Marks Goodyear,

Clark Culbertson Piper,

William Henry Woolston.

#### The Degree of Bachelor of Science,

(With Thesis.)

In Ceramics.

Henry Harrison Bartells,

Martin Robert Hornung,

Charles Claffin Rand.

In Ceramic Engineering.

Robert Back

In Chemistry.

King Yaou Chen, Michele Croce, Paul Revere Croll, Charles William Knudsen, Jerome Francis Kohout, John Franklin Kraeger,

George Sinclair Nutt, George Eric Simpson.

In Chemical Engineering.

Huang Chen, Vee Gih Chu, Harry Rusling Cochran, Robert McFarland Cole, Phillmer Wymond Day,

Edward Anton Glenz, Eugene Hendricks Leslie, Courtland Leroy Munroe, Irving Randolph Ruby, Clarence Scholl, Scott Champlin Taylor, DeWitt Valen-

#### THE COLLEGE OF ENGINEERING.

#### The Degree of Bachelor of Science,

In Architecture.

Harry Glen Aldrich, Frederick Edward Berger, Wilfred Francis Blatherwick, Alexander Rudolph Brandner, Francis Andrew Brown, William Henry Clare, Harold Hamilton Crawford, Edgar Nathan Drew,

Sozabu Furukawa, Strawn Aldrich Gay, James Reilly Gormley, Roger Charles Kirchhoff, Raymond Kenneth Knox, Charles Babcock McGrew, Joe Orlando Mitchell, Thomas Edward O'Don-Charles John Pankow,

Lorentz Schmidt, Niels Chester Sorensen, Othello Raymond Stone, Bayard Freeman Taber, Harold Wertz Underhill, Arthur Mellinger Wag Waggoner,
Wellington James Hamilton Wallace, Leo Harold Weisfeld.

Wallace\_Berger, Edwin John Brockmeyer, Harry B. Cooley, Harold Francis Doerr, Ferdinand August Paul Fischer, Harry Llewellyn Foster, Theodore John Franzen, Paul Charles Gauger,

In Architectural Engineering. Richard Seaton Gregg, Murray Samuel Hanes, Edward A. Hribal, Vivian Johnson Ingold, Laurence Prescott Keith, John Henry Kuhl, Jr., William James Larkin, Jr. Daniel Hunt McGorrisk,

George Edward McIntyre, Ralph Uline Nichols, Harry Vivian Roberts, Andrew Frederick Soderberg, Paul Valentine Strehlow, Harry Anthony Wiersema.

William Sidney Wolfe.

In Civil Engineering.

Nixon Lawrence Bunn, Glen Douglas Butzer, Howard Corley, Charles James Craigmile, Homer Watson Dahringer.

Euripides Fajardo y May-

mir,
Wilbur Earl Flood,
Albert Stevens Fry,
Merritt Rasmus Hansen,
Emmett Joseph Healy,

Roscoe Harrison Albright, William Orus Andrews, Bartow Strong Bascome, Ralph Anderson Bennitt, Paul Theodore Bock, Edward Wesley Bullard,

Whelan.

Marcus Prevost Taylor, Robert Edgar Turley, Jr., Chester Andrus Vincent, Edward Wallace, Lyman Gage Wheler, James Werian Welce

Marion

Jr.,
James Gordon White,
Charles Earl Whitney,
Roy Campbell Williams,

Charles Abraham Wold.

Everett Samuel Lee, Frank Edward Marshall, Howard Mathews,

Howard Mathews,
John Alvin Maury,
George William Mayes,
Francis de Sales Misner,
Philip Longworthy Ogden,
John George Penn,
Stuart Albert Ralston,
Arthur Louis Riche,
Alfred Dale Smith,
Charles Miner, Whatte

Affred Dale Smith, Charles Miner Whaite, Fred Peter Wittich, Jr., Herman Carl Wolf, Tsing Too Woo, Daniel Charles Wood, Fay Morse Wooldridge.

Emmons Overmier, Walter Richard Reitz, Carl Arthur Schoessel, Sentaro Sekine, Arthur Moulton Simpson,

Carl August Skoglund, Lloyd Gaston Smith, Herbert Percy Thompson.

James

Caryl Ames Holton, Richard Frederick Huxmann. Waldemar Karkow Arthur Willis Kimbell, Stuart Farnsworth Kosters, Frank Xavier Loeffler, Kendall Tuttle Murphy, Herbert Christian Petersen, Harold Peterson,

Henry Stillman Badger, Roscoe Edward Bailey, Stephen William Burstrom, Thomas Hezekiah Cattron, Elmer Washburn Coffey, Guerney Hill Cole, Elwin Ray Coolidge George Raymond Corke, Harland Winn Corzine, Leslie Abijah Dole, Raleigh John Ehrhart, Dent Ferrell, Gustav George Fornoff, Carleton Willard Gates, George Lowthane Greves,

Walter Arthur Blakeslee, Roland Glenn Butler, Arthur William Claussen, Herbert Harper Constant, Edward Bernard Crist, Lewis Brown Ermeling, Louis Smith Ferguson, Paul Hedges Gibbs, Roscoe Conkling Harris,

Morris Louis Becker, Walter Stanley Middleton.

Ralph Gerald Peterson, Otto Coffeen Fitz Ran-Otto Concoder dolph, dolph, Erwin Ambrose Reed, Hope Edwin Reum, bough, Earl Rundles, George Stanley Sangdahl, Erwin Anthony Schmitz, Edwin Henry Swenson,

In Electrical Engineering.

Lawrence Melville Hall. Nathaniel Pinckard Heath, Howard Christopher Hohmann, Emery Ford Holt, Charles Rush Horrell, Tadashi Iida, Harvey Judd Johnson, Rupert Forrest Jones, Walter Valentine Kaun, Walter Valentine Kaun, Charles John Kay, George Joseph Kay, Lee Carson Kent, Clarence Henry Kessler, Jesse C. Kramer, Robert Thomas Lattin,

In Mechanical Engineering.

Ralph Roscoe Hawkins, Lester Reginald Larsen, Edward Ross Luney, Harold Stanton McIntosh, John Howard Masters, Martin Ira Mix, Arthur Leslie Myers, Charles Robert Ogle, Benito Rene Ordonez,

In Mining Engineering.

Merle Louis Nebel, Leonard Victor Newton, Cecil Weldon Smith.

In Municipal and Sanitary Engineering.

Noble Arnold. Charles Malcolm Fuller. William Carson Giessler, John Francis Schnellbach, Glen Howelstein Stough.

In Railway Civil Engineering.

Edward Ernest Redder-Walter Clifford Sadler. sen.

In Railway Mechanical Engineering.

Fred Joseph Prout,

Everett Gillham Young.

THE COLLEGE OF AGRICULTURE.

The Degree of Bachelor of Science.

In Agriculture.

(With Thesis.)

Irving Myron Brazier.

Murray Copenhaver.

Robert Lucius Hegnauer.

(Without Thesis.)

Robert Edwin Blackburn, William James Broadhead, Arthur Maxwell Brunson, Clarence Fletcher Burwash, Wilbur Jerome Carmichael.

Seth David Abbott, James Burton Andrews, Charles Austin Atwood, Louis Peter Bauman,

William Charles Carr, William Charles Carr,
John Ruggles Case,
Hubert Arthur Cate,
Conrad Lee Cattron,
Brahma Nath Chatterjee,
Joseph Harvey Checkley,
Co-Ching Chu,
Ernest McChesney Clark,
Walter Allen Cope,
Lloyd Costar,
Chester Watson Davis,
James Russell Dilworth,
Henry Clarence Eales,
Guillermo Filiberto Escobosa, bosa, Trennace Flowerree, John Raymond Foster, George Edward Gentle, Harry Charles Gilkerson, Walter Frederick Hand-Walter Frederick Hame-schin, George Madison Harner, Walter Samuel Hatch, Clair Edwards Hay, Arthur Floyd Heck, Josiah Campbell Hoke,

Clyde Whittaker Hudel-Clyde Whittaker Hudelson,
John Harvey Hughes,
Andrew John Johnstone,
Evans Sherwood Kern,
Theodore Edmond Layden,
Pao Kan Loh,
Elon Charles Magee,
Edward Harold Mann,
Leland Stanford Markley,
Leslie Eugene Mathers,
Manley Bonham Mathers. Leslie Eugene Mathers,
Manley Bonham Mathers,
Charles Thaddeus Meek,
Loyal Leonard Minor,
Hsiang-yueh Moh,
John Lynde Neely,
Claude Leslie Oathout,
Harley Paris Ottman,
Harry Glenn Parkinson,
A.B., Waynesburg College,
Newton Lyman Partridge Newton Lyman Partridge, Harry Bruce Piper, Ford Smoot Prince, Fritz Rein,

Charles Leonard Reisner, Elmer Roberts, Herbert Judson Rucker, Herbert Judson Rucker,
Fay Rumery,
Ernest Eugene Sandall,
Charles Bovett Sayre,
Wen-Yu Shen,
Raymond Stratton Smith,
B.S., Pomona College,
1907,
Roscoe Raymond Snapp,
Howard John Snider,
Marshall Ankeny Souers,
Leland Stanford Stallings,
James Vail Stevenson,
A.B., 1912,
Charles Nelson Tarble,
Jay Francis Thomason,
William Carl Vauble,
Chauncey Brown Watson, Chauncey Brown Watson,
James Elmo Wiley,
Alfred LeRoy Williams,
Wai Shun Woo,
Joseph Loyd Worrell,
Yung Yen Young.

Maurice Robert Bebb,

In Floriculture.
William King Palmer, Jr.

In Household Science.

Viola June Crossland, Gertrude Louise Elliott, Lillian May King,

Margaret Christine Mc-Clintock, Alice Maria Timmis, Tessie Elizabeth Trowbridge.

In Landscape Gardening.

Robert William Hoffman,

Daniel Ray Hull,

William Lincoln Taylor, A.B., 1912. . .......

Harrison Fred Theodore Albert John Herbols-Fahrnkopf.

In the Teachers' Course. heimer,

Edward Harvey Walworth.

#### THE COLLEGE OF LAW.

### The Degree of Bachelor of Laws.

Cyril Agard Burns, A.B., 1911,
Will M. Cannady, Jr.,
Benjamin Harrison Crowder,
Everett Leslie Dalbey, James Everett Etherton,
Charles Harrison Fletcher,
Herrick Hopkins Harwood.

Henry Collins Hay,
George Wirt Herrick,
William Edward Levis,
Robert Charles Mize,
Harry Clay Moore,
Harry Edward Morgan,
Arthur Marvin Morris,
Jacob William Myers,
A.B., 1911, wood.

Charles Andrew O'Connor, Martin Frederick Oehmke, Clyde Harrison Parr, Ernest Albert Rich, Southworth Samuel Sargeant,
Fred Reeves Tate,
Emil Joseph Verlie,
Philip Henry Ward.

#### The Degree of Doctor of Law.

Roscoe Clarke Dillavou, A.B., 1911,

Chester Harold Farthing, B.S., McKendree Col-lege, 1909,

William Dudley Paul Farthing, B.S., Mc-Kendree College, 1909.

THE SCHOOL OF MUSIC.

## The Degree of Bachelor of Music.

(With Thesis.)

Mrs. Verna Kerker Busey, Hazel Iona Craig, A.B.,

Maude Aroma Denny, Arthur Everett Holch, Olga Fern Moser,

Jeanette Stedman. Gladys Agnes Stevens.

#### THE LIBRARY SCHOOL.

#### The Degree of Bachelor of Library Science.

(Without Thesis.)

Flora Margaret Case, A.B., 1912. Elizabeth Henrietta Cass, A.B., 1912. Edith Harley Ford, Ph. B., University of Chicago, 1910. Laura Mary Hubbard, A.B., Western College for Women, 1896. Martha Winifred Knapp, A.B., Ohio Wesleyan University, 1899. Opha Belle Pletcher. Nellie Mabel Robertson, A.B., Moore's Hill College, 1900. Mary Torrance, A.B., Hanover College, 1900.

#### THE GRADUATE SCHOOL.

#### The Degree of Master of Arts.

In Botany.

Mabel Elizabeth Dibell, A.B., Western College, 1910.

In Chemistry.

Lloyd Hayes Davis, A.B., Wabash College, 1911. Joseph Whitney Howard, A.B., Shurtleff College, 1912. Frank Garm Norbury, A.B., Illinois College, 1912.

#### In Classics.

Mary Anna Haan, A.B., 1912. Janet Malcolm Macdonald, A.B., Morningside College, 1910. James Asbury Palmer, A.B., A.M., Shurtleff College, 1897, 1901. Cornelia Ruth Seawell, A.B., Greenville College, 1912. Lily Belle Voegelein, A.B., Northwestern College, 1912.

## In Economics.

Fred Emerson Clark, A.B., Albion College, 1912. Paul Wesley Ivey, A.B., Lawrence College, 1912. Donald Dee Kirk, A.B., 1911. Oscar Ross Martin, A.B., Central Wesleyan College, 1907.

#### In Education.

Charles Elmer Holley, A.B., 1912. James Ellsworth Wooters, Ph.B., Blackburn College, 1908.

#### In Entomology.

Daniel Milton Brumfiel, A.B., Lombard College, 1912. Alvah Peterson, B.S., Knox College, 1911. Margaret Washington, A.B., Smith College, 1912.

#### In Geology.

David Grosh Thompson, A.B., Northwestern University, 1911.

#### In Germanic Languages.

Absolom C. Erdahl, A.B., St. Olaf College, 1911.

### In History.

Byne Frances Goodman, A.B., 1912. Jay Earll Miller, A.B., LL.B., University of Kansas, 1910, 1912. Rudolph Hans Nottelmann, A.B., Monmouth College, 1912. Arthur Frederic Peine, A.B., Illinois Wesleyan University, 1911.

#### In Household Science.

Alice Biester, A.B., 1912.

#### In Mathematics.

Ruby Mabel Grimes, A.B., Yankton College, 1911. George Rutledge, A.B., 1910. Ward Hastings Taylor, A.B., 1910.

#### In Modern Languages.

#### (English.)

Walther Albert Bucken, A.B., University of Wisconsin, 1911. Ruth Mitchell Burns, A.B., 1911.
Ann Chester, A. B., 1905.
Sidney Hayes Cox, A.B., Bates College, 1911.
Homer Hall, A.B., 1912.
William Griffith Hill, A. B., Carthage College, 1912.
Joseph Allan Nevins, A.B., 1912.
Mary Margaret Spangler, A.B., 1911.
Orpha May Wellman, A.B., 1911.

#### (German.)

Sapho Cecelia Graham, A.B., Iowa State University, 1911. Helen Dickson James, A.B., 1910. Gretchen Katherine Lutz, A.B., Albion College, 1909. Adolf Eduard Zucker, A.B., 1912.

#### In Philosophy.

Clyde Monroe Hobart, A.B., 1912.

#### In Physics.

Simeon E. Boomer, A.B., 1909. Nellie Nancy Hornor, A.B., 1912. Jonas Bernard Nathanson, A.B., Ohio State University, 1912

#### In Political Science.

Edward Samuel Dowell, A.B., Oberlin College, 1910. Julius Ludwig Goebel, Jr., A.B., 1912. Alfred Chester Hanford, A.B., 1912. Philip Quincy Wright, A.B., Lombard College, 1912.

#### In Romance Languages.

Jay Karl Ditchy, A.B., University of Michigan, 1911.

#### In Zoology.

June Maud Ashley, A.B., University of Colorado, 1912. Margaret Vara Cobb, A.B., Radcliffe College, 1910. Jesse LeRoy Conel, A.B., James Millikin University, 1912. Thomas Edgar Musselman, A.B., 1910.

## The Degree of Master of Science,

#### In Agronomy.

Vun-din Chinzun Chang, B.S., 1912. Wallace Mactarlane, B.S., University of Utah, 1910. Peter John Olson, B. S., North Dakota Agricultural College, 1910. Edward Melville Rhodes, LL.B., 1900, B.S., 1912. Frank Archibald Wyatt, B. S., Agricultural College of Utah, 1910.

#### In Animal Husbandry.

Berton Eugene Carmichael, B.S., 1905. Harry Orson Allison, B.S., 1906. Frederick Weston Wilson, B.S., Kansas State Agricultural College, 1965

## In Agricultural Engineering.

Elwin Valentine Kratz, B.S., 1912.

#### In Botany.

Bronson Barlow, B.S., Michigan Agricultural College, 1902. Silas Edgar Farquher, B.S., Earlham College, 1909.

#### In Chemistry.

Chester Charles Fowler, B.S., 1909.
Henry Lawrence Huenink, A.B., Carroll College, 1911.
Oliver Kamm, B.S., 1911.
Roland Norton Miller, A.B., Lawrence College, 1911.
Harold Hanson Mitchell, A.B., 1909.
Fred Weaver Muncie, A. B., Wabash College, 1910.
Carl Paxson Sherwin, B.S., John B. Stetson University, 1909, A.M., Indiana State University, 1912.
Paul Stanley Woodward, B.S., John B. Stetson University, 1908.

#### In Civil Engineering.

Luan Chang, B.C.E., Tangshan Engineering College, 1911. Joseph Earl Huber, B.S., 1912.

#### In Dairy Husbandry.

William Truman Crandall, B.S.A., University of Wisconsin, 1909. Ray Stillman Hulce, B.S.A., University of Wisconsin, 1911.

## In Electrical Engineering.

Clair Ellmore Anderson, B.S., 1911.
Leo Mahlon Apgar, B.S., 1912.
Glen David Bagley, B.S., 1912.
Hugh Alexander Brown, B.S., 1911.
Ira William Fisk, B.S., 1909.
Genjiro Jinguji, B.S., 1912.
Ippei Kiyohara, B.S., Washington State College, 1911.
Mayne Seguine Mason, B.S., 1911.
William Warren Peters, A.B., M.S., Knox College, 1911, 1912.
Benjamin Salisbury Pfeiffer, B.S., 1912.
David Chandler Prince, B. S., 1912.
Robert St. Clare Seese, B. S., 1912.
Alexander McDougall Simons, B.S., 1912.
Alexander McDougall Simons, B.S., 1912.
Mitsutaka Takahashi, B.E.E., Tokyo Higher Technical School, 1904.
Archibald Beebe VanDeusen, B.S., 1912.
Edward Hardenbergh Waldo, A.B., Amherst College, 1888, M.E., Cornell University, 1890.
Frank Gardner Willson, B.S., University of Wisconsin, 1903.

#### In Entomology.

Edna Mosher, B.S.A., Cornell University, 1908. Ying-Hsuan Hsuwen Tsou, B.S., Cornell University, 1912.

#### In Geology.

Robert Wesley Brown, B.S., Northwestern University, 1911.

#### In Mathematics.

Ola Mattie Josephine Eskelson, B.S., Hedding College, 1912.

## In Mechanical Engineering.

Karl John Theodore Ekblaw, B.S., 1909. William Earl Mosher, Ph.B., M.E., Syracuse University, 1909-11. Siebolt Luke Simmering, B.S., University of Colorado, 1910.

#### In Physics.

Oscar Alan Randolph, B.S., Missouri School of Mines, 1911.

#### In Railway Engineering.

Harold Allen Houston, B.S., Purdue University, 1911.

### In Theoretical and Applied Mechanics.

Willard Clarke Eells, B.S., 1911. Harrison Frederick Gonnerman, B.S., 1908.

#### In Zoology.

Gertrude Amelia Johnson, B.S., Northwestern University, 1911. Minnie Elizabeth Watson, A.B., Olivet College, 1909.

#### The Degree of Civil Engineer.

Arthur Francis Comstock, B.S., 1906. Louis Engelmann Fischer, B.S., 1898. Amund Marius Korsmo, B.S., 1909. William Horace Rayner, B.S., 1909. William Walter Smith, A.B., 1900, B.S., 1907.

#### The Degree of Electrical Engineer.

Edgar Francis Collins, B.S., 1898. Harry Gray Hake, B.S., M.S., 1907, 1910. Leonard Vaughan James, B.S., M.S., 1906, 1912. Charles Dietrich Wesselhoeft, B.S., 1902. Trygve D. Yensen, B.S., M.S., 1907, 1912.

#### The Degree of Mechanical Engineer.

Clem C. Austin, B.S., 1907. • Thomas Armstrong Peebles, B.S., 1906.

#### The Degree of Doctor of Philosophy.

#### In Chemistry.

James Edgar Bell, B.S., University of Chicago, 1905. Lloyd Francis Nickell, A.B., A.M., 1909, 1911. Ralph Sydney Potter, A.B., Lake Forest College, 1909. M.S., 1911. Guy Yandall Williams, A.B., A.M., University of Oklahoma, 1906, 1910, M.S.. University of Chicago, 1911.

#### In Economics.

George William Dowrie, A.B., Lake Forest College, 1901, A.M., University of Chicago, 1907.

In Entomology,

Hugh Glasgow, A.B., 1908. Robert Douglass Glasgow, A.B., 1908.

#### In History.

Susan Martha Reed, A.B., Mt. Holyoke College, 1907, A.M., 1908. Charles Manfred Thompson, A.B., A.M., 1909, 1910.

#### In Mathematics.

Josephine Elizabeth Burns, A.B., A.M., 1909, 1911.

## In Modern Languages.

#### (English.)

John Walter Good, A.B., Erskine College, 1902, A.M., 1904. Clarissa Rinaker, A.B., Blackburn College, 1903, A.M., 1911.

#### (German.)

Frederick Henry Adler, A.B., Ohio State University, 1909, A.M., 1911. Philip Stephan Barto, A.B., A.M., 1906, 1910. Irma Elizabeth Voigt, A.B., A.M., 1910, 1911.

#### In Philosophy.

Queen Lois Shepherd, A.B., Northwestern University, 1907, A.M., University of Wisconsin, 1910.

#### In Physics.

John Wesley Hornbeck, B.S., Illinois Wesleyan University, 1906, A.M., 1909.

#### In Zoology.

James Edward Ackert, A.B., A.M., 1909, 1911. Harley Jones Van Cleve, B.S., Knox College, 1909, M.S., 1910. Paul Smith Welch, A.B., James Millikin University, 1910, A.M., 1911.

#### HONORS.

The secretary reported for record that the following honors have been awarded by the University for excellence in scholarship:

#### THE DEGREE OF A.B. WITH HONORS.

IN THE COLLEGE OF LITERATURE AND ARTS.

Louis Allen, in French. Jessie Fay Miller, in Latin. Lena J. Myers, in English. H. C. Thompson, in Economics.

#### SPECIAL HONORS.

IN THE COLLEGE OF SCIENCE.

Robert Back, in Ceramic Engineering. Eugene Hendricks Leslie, in Chemical Engineering. Charles Claffin Rand, in Ceramic Engineering.

#### IN THE COLLEGE OF ENGINEERING.

Paul Theodore Bock, in Civil Engineering. Harry B. Cooley, in Architectural Engineering. Albert Stevens Fry, in Civil Engineering. Arthur Louis Riche, in Electrical Engineering. Harry Anthony Wiersema, in Architectural Engineering.

IN THE SCHOOL OF MUSIC.

Arthur Everett Holch.

#### FINAL HONORS.

IN THE COLLEGE OF SCIENCE.

Ernest Michael Rudolph Lamkey, Cyrus William Lantz, Eugene Hendricks Leslie, Alma Jessie Neill, Mildred Clayton Seyster, Roscoe Raymond Snapp, Everett Harvey Taylor, Mabel Elizabeth Thorne, Chia Cheow Yen.

#### IN THE COLLEGE OF ENGINEERING.

Henry Stillman Badger,
Paul Theodore Bock,
Alexander Rudolph
Brandner,
Harry B. Cooley,
Elwin Ray Coolidge,
Albert Stevens Fry,
Everett Samuel Lee,

Howard Mathews, George William Mayes, Charles Babcock McGrew, Merle Louis Nebel, Edward Ernest Reddersen, Arthur Louis Riche,

Frank Charles Rohrbough,
Lloyd Gaston Smith,
Lyman Gage Wheeler,
Harry Anthony Wiersema,
William Sidney Wolfe.

#### IN THE COLLEGE OF AGRICULTURE.

Charles Austin Atwood, Maurice Robert Bebb, Arthur Maxwell Brunson, Ernest McChesney Clark, James Russell Dilworth, Harrison Fred Theodore Fahrnkopf, Elmer Roberts, Charles Bovett Sayre, Raymond Stratton Smith, Roscoe Raymond Snapp. IN THE COLLEGE OF LAW.

Everett Leslie Dalbey,

William Dudley Paul Emil Joseph Verlie. Farthing,

IN THE SCHOOL OF MUSIC.

Maud Denny.

IN THE LIBRARY SCHOOL.
Nellie Mabel Robertson.

THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.

Max Alfred Montgomery, 1912.

THE B'NAI B'RITH PRIZE.

First Prize, David M. Riff. Second Prize, Nathan C. Seidenberg.

#### COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

The secretary reported also for record that the following officers of the University Corps of Cadets have received commissions in the Illinois National Guard:

William Orus Andrews, Frederick Mortimer Atkinson, James Fearon Brown, Wilber Jerome Carmichael, Guerney Hill Cole, Lewis Brown Ermeling, Carleton Willard Gates, Edward Anton Glenz, Howard Christopher Hohmann, Charles Rush Horrell, Roger Charles Kirchhoff, Jerome Francis Kohout, Eugene Hendricks Leslie, Frank Xavier Loeffler, Merle Louis Nebel, Ralph Uline Nichols, William King Palmer, Charles Abraham Wold.

Newton Lyman Partridge, Ernest Albert Rich, Irving Randolph Ruby, Charles Bovett Sayre, Carl Arthur Schoessel, Milton George H. Severinghaus, Marcus Prevost Taylor, Cleaver Thayer, Harwell Cloud Thompson,

THE UNIVERSITY GOLD MEDAL.
Henry Walter Hollard.

THE HAZELTON GOLD MEDAL.
Walter Rathfon Fischer.

#### DEGREES IN THE DEPARTMENTS IN CHICAGO.

The secretary presented also for record the lists of students of the College of Medicine and the School of Pharmacy upon whom degrees were conferred on the dates indicated:

THE COLLEGE OF MEDICINE.

#### The Degree of Doctor of Medicine and Surgery.

(Conferred June 10, 1913, in Chicago.)

Haroutoune Asadour Adrounie, A.B.,
Albert Lee Alderson, B.S.,
James Wesley Aldridge,
Benjamin S. Anspach,
Henry Wilson Averill,
M.M.,
Michael John Badzmierowski,
Irving Francis Barnett,
Nathaniel Isadour Baskind,
Herman Henry Bassler,
M.D.,

Ione Fisher Beem, A.B.,
James Henry Bloomfield,
Herbert Clarence Bolstad,
A.B.,
Cleaver Henry Brinkerhoff,
Ernest August Bredlau,
William Riley Brown,
Frank Earl Browning,
Stephen Malcolm Burdon,
Theodore David Burger,
Marjorie Irene Cameron,
Francis Vincent Carberry,
Clyde Lowe Casey,

Francis Joseph Cayley,
John Baptist Cipriani,
Frank Neill Cliff,
Mayer Coffler, Ph.B.,
Everett Porter Coleman,
Urban Volpert Comes,
Ph.G.,
Lyman Joseph Cook, A.B.,
Samuel LeCount Cook,
Robert Archie Crawford,
Drexel Lowry Dawson,
Anthony Ferdinand Delfosse,
Raymond Frank Dowell,

James Casper Droste,
A.B., Ph.B.,
Warren Zachary Earl,
Alba Clinton Edwards,
Sheftel Jacob Elner,
Anton John Firtik,
Georgia Adell Filley,
Samuel Clifton Fleming,
A.B.,
Chester Watson Fouser,
Adolph Mitchell Frank,
William Arthur Frymire,
Vernanda Joshua Funkerburk, M.D.,
Robert Ludwig Furby,
Leon Glassman,
Carl Henry Golbeck,
Jesse Trott Grayston,
Paul Swing Hageman,
Gwyn Forbes Haig,
John Harvey Hansen,
William Albert Henke,
M.D.,
Maurice Charles Hennessey,
Clara Alma Hergert,
Allan Joseph Hruby,
Lydie Jespersson,
Sven Jespersson,
Sven Jespersson,
Frank Hetherington Kelly,
Ph.C., D.D.S.,
Ray Porter Kile,
Howard Talcott Knight,
Frank Joseph Kotalik,
Constantine John Koursoumis,
John Charles Matthew
Krasa,
Disraeli William Kobat,

Alvin Wilfred LaForge, LL.B., M.D., Charles Philip Lapin, Joseph Sebastian Lundholm,
Myron E. Lollar,
John Harry Luczak,
Christine Lukas,
August Henry Lueders,
Frank Chalmers McClanahan, Eugene Andrew McCornack, Desmond Francis Mc-Guire, Gordon Lawrence Mc-Lellan, John Maxwell, Harry Albert Meyers, Eugene Abraham Mitzenmacher, Marie Anna Motis, M.D., Emery Bowers Neff, Harry Nichols, Albert Goodsell Noble, Albert Goodsen Woole, John Francis Oates, Arthur Robert Ohman, James Archibald Orbison, Leroy Lowell Parke, Frank Rauch Patton, Leigh Klumb Patton,
A.B.,
Everett Herbert Pea,
Ernest Ballard Pearson, A.B., Howard Samuel Perry, Ray Humbert Petty, John Justin Powell, B.S., Edward Harold Rategan, Blake Edwin Ray, Clark William Zugg.

Walter Joseph Ream, Alfred Edwin Rhein, M.D., Imas Pryor Rice Robert Salem Salk, Rufino Abriol Santos, Alvah Lewis Saw B.S., Isador Sidney Segall, Lewis Sawyer, Harry Stevenson Seiwell, Lewis August Seymer, Harve Roy Sharpe, Charles Arthur Sima Lloyd Himbaugh Šimmons, Bessie Belle Sinclair, Edward Frank Slavik, Guy Arthur Sloan, Clarence Vernon Smith, Floyd Albert Smith, George Henry Smith, Bonnell Marie Souder, Samuel Stein, Charles Warren Stigman, Eldora Anco B.S., Henry Howard Towles, Max William Trentzsch, Harvey Willard Tupper, George Alexander Wag-ner, M.D., Raymond Lawrence Wall, Willis Herbert Watson, Jerome Jacob Weil, Eldora Alice Thomas. Jerome Jacob Weil, Paul Brown Welch, Todd J. Wilson, Philip Herman Wolfram, B.S., Ralph Hueston Ph.G., Woods.

#### THE SCHOOL OF PHARMACY.\*

#### The Degree of Pharmaceutical Chemist.

Matthew Virgil Boutte (Class of 1911). Forrest Omo Snyder. James Silas Vann.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPROPRIATION FOR MILITARY DEPARTMENT.

(1) A request from Professor George E. Frazer, Comptroller, for an appropriation of two hundred dollars (\$200) to cover the expenses of the Military Department until June 30, 1913.

On motion of Mrs. Evans, this appropriation was made, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPROPRIATION FOR REBATES TO STUDENTS.

(2) A request from Professor George E. Frazer, Comptroller, for an appropriation of four hundred dollars (\$400) to meet rebates to students up to June 30, 1913.

This appropriation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson, noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

<sup>\*</sup> For the list of persons receiving the Degree of Graduate in Pharmacy (conferred April 24, 1913, in Chicago) see page 213.

## IMPORT ORDER FOR ZOOLOGY.

(3) A request from Dr. H. B. Ward, Professor of Zoölogy, endorsed by Dr. E. J. Townsend, Dean of the College of Science, for authority to place an import order not to exceed one thousand dollars (\$1,000) for the Department of Zoölogy for the coming academic year.

On motion of Mr. Trevett, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### LEAVE OF ABSENCE FOR PROFESSOR FAIRLIE.

(4) A request from Dr. John A. Fairlie, Professor of Political Science, for leave of absence, without salary, for the second semester of the academic year 1918-14; it being Professor Fairlie's desire to spend the time in Europe, chiefly in Great Britain and Germany, in the study of political and municipal institutions.

On motion of Mrs. Evans, it was voted that the President of the University be authorized to grant this request, provided he can make proper arrangements for the care of Professor Fairlie's work in his absence.

#### STATEMENT CONCERNING EXPERIMENT FIELDS.

(5) A letter from Dr. C. G. Hopkins, Professor of Agronomy, addressed to Dean Davenport under date of May 13, 1913, containing a statement in regard to the operation of certain experiment fields.

This communication from Professor Hopkins was received to be printed in the minutes:

Dean Eugene Davenport, College of Agriculture.

Dear Eugene Davenport, College of Agriculture.

Dear Dean Davenport, College of Agriculture.

Dear Dean Davenport: In reply to an inquiry from President James in regard to experiment fields held by "verbal lease," I beg to say that these are fields on which the work originated essentially as cooperative experiments in which the farmer furnished the land, did most of the work upon the field and took the crops produced, but we insisted upon having an exact record kept, and at the end of the season, if the value of the crops produced exceeded the rental value of the land and fair remuneration for labor, then the difference was remitted by him and turned in as receipts to the University treasury. If, on the other hand, the value of the produce was less than the cost of labor plus the rental value of the land, then a bill was presented and the difference paid to the farmer by the University. This method of operating the experiment fields first establish was approved by yourself, by the President of the University, and by the business office. I may say that the University has never had a lease of some of these old experiment fields. Subsequently legal leases have been secured in a number of cases, but in other cases it is impossible to secure such leases.

Attention may be called to the fact that when these oldest experiment fields were thus established there was almost no definite information in existence regarding the number or character or extent of the soil types in this State. The establishing of experiment fields was prescribed in connection with the first small appropriation for soil investigation, and in order that the experiment fields might be located to the greatest possible advantage it was necessary to cooperate with farmers who had wide experience and knowledge concerning the important types of soil in other sections of the State. In order to secure uniform and representative tracts of land for the experiments the fields were sometimes located in the middle of the man's farm. In all cases there was a ag

field at once. On some other fields we are expecting to discontinue the cooperative work at the end of the present season, which will complete twelve years of investigation covering three full four-year crop rotations. In a few cases it will be best, however, to continue the present arrangement for a number of years more if it is possible to do so, even though there is no expectation that the University may ever secure legal control of the field. While it has abundantly served the purpose for which it was established, yet if we have no permanent experiment field in the locality it continues to render large service and exert large influence every year, and it adds of course annually valuable data bearing directly upon the problems of permanent agriculture.

In the list of experiment fields which has been furnished to the comptroller and to which President James refers, I think it would be better to change the expression "verbal lease from" to read "cooperative experiment field with," and will be glad to know the opinion of yourself and President James regarding this point.

Cyrul G. Hopkins field at once. On some other fields we are expecting to discontinue the cooperative

Yours very truly, CYRIL G. HOPKINS.

#### RESIGNATION OF DEAN QUINE.

(6) The resignation of Dr. William E. Quine as Dean of the College of Medicine, to take effect June 30, 1913, or as soon thereafter as his successor is appointed.

It was voted to accept the resignation of Dr. Quine as Dean of the College of Medicine.

#### REPORT ON THE PRINTING OF THE ALUMNI RECORD.

(7) A statement from James H. Kelly concerning the preparation and distribution of the second edition of the Alumni Record; with a recommendation that the sum of five hundred dollars (\$500) be paid to Mr. Kelley for extra work done in the preparation of this volume.

On motion of Mrs. Evans, it was moved that this statement be printed in the minutes, and that an appropriation be made for a payment of five hundred dollars (\$500) to Mr. Kelly as recommended. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair. Mr. Dunne, Mr. Meeker, Mr. Montgomery.

June 9, 1913. President Edmund J. James, University of Illinois. DEAR SIR: Permit me to submit herewith a statement regarding the publication of the 1913 Alumni Record. The following appropriations were made by the Board of Trustees: July 8, 1911, preliminary appropriation for second edition of the Alumni Record

July 5, 1912, appropriation to cover expense of printing and publishing the new edition of the Alumni Record \$ 500 00 5.000 00

Data from the alumni, faculty members, and trustees were collected under twenty-four headings on a questionnaire mailed in November, 1911. About 60 per cent of those addressed responded to the first communication. The fifth communication, registered and containing a self-addressed, stamped envelope, was finally sent to 575 addresses. This brought responses from all but 102. For these the data were compiled from records in the registrar's office. Careful inquiry from every available source gave recent addresses for all but fourteen of these. A contract with specifications for printing three thousand copies of the Alumni Record was submitted to various printers, and the following bids were received: 

 Pantagraph Printing & Stationery Co.
 \$4,810 00

 Flanigan-Pearson Co.
 3,934 00

 R. R. Donnelley & Sons Co.
 3,825 00

On July 23, 1912, the contract was let to R. R. Donnelley & Sons for \$3,825. By February 22, 1913, two thousand two hundred (2,200) advance orders for the Alumni Record had been received at \$1.50. Because of this number of orders, five hundred (500) additional copies of the book were ordered from Donnelley & Sons at 54 cents, the contract price for additional copies.

The first consignment of completed books was received from the printer April 24, 1913.

The 1913 Alumni Record contains biographical sketches as follows: 

1,311

5,296

\$5.500 00

Deductions for alumni who are or were—					
SUMMARY OF ALUMNI.					
From 1872-1911					
Deductions for baccalaureate alumni included in graduate and honorary alumni					
Total number of alumni					
FINANCIAL STATEMENT.					
Appropriations by Board of Trustees—  July 8, 1911					
Disbursements—       \$724       99         Student wages       22       64         Express       5       70         Supplies       4       88         Prints       9       55         Insurance       1       00					
R. R. Donnelley & Sons, Chicago, May 5, 1913, Labels and Cartons— 3,400 cartons @ \$25					
May 26, 1913, 3,483 Alumni Record 1913; 928 pages and 12 tips— 3,000 copies, 1,000 pp. and 12 tips est. 483 copies, 1,000 pp. @ 54c					
Less 72 pp. 3,000 copies @ \$4,522 52  Less 72 pp. 483 copies @ \$24 M					
Total 5,140 29					
May 31, 1913, bal. in appropriation \$359 71					
DISTRIBUTION OF BOOKS					
DISTRIBUTION OF BOOKS.   3,483   Advance orders filled   2,203   Later orders filled   140   Distributed gratis   45   Coples on hand   1,095   3,483					
RECEIPTS.					
To June 9, 1913\$2,375 70					

#### ORDERS NOT PAID.

To June 9, 1913, 760 @ \$1.50 ..... \$1,140 00

\$3,515 70

Respectfully submitted. JAMES H. KELLEY.

#### LLEWELLYN PRIZE FOR ARCHITECTURAL ENGINEERS.

(8) The following letter from Mr. Joseph C. Llewellyn, of Chicago, a graduate of the University of the Class of 1877, offering to establish, for a period of four years, a prize of fifty dollars (\$50) per annum for a problem in design, the competition to be limited to the architectural engineers:

April 29, 1913.

Professor F. M. Mann, Champaign, Ill.

My Dear Professor Mann: I have noticed with considerable interest the desire of the architectural engineers at work in the offices of architectus and elsewhere to acquire some knowledge of architectural design. The advantage of such knowledge is apparent to any one who has attempted to work architectural draftsmen and architectural engineers together, and I can not help but feel that any instruction which would acquaint the architectural engineers with the principles of designing would be a distinct advantage both to themselves and those who employ them. who employ them.

who employ them.

I realize it is practically impossible to crowd into a four years' course all that a young man should have, but it has occurred to me that a prize offered to architectural engineers for the best presentation of some simple problem in design might induce them to do a little outside thinking, reading, and work along this line, so have this proposition to make to you.

I will give you fifty dollars (\$50) annually for the next four years as a prize for a problem in design, limited to the architectural engineers. Beyond the four years I make no promise. It remains to be seen what good will come from the evertment

the experiment.

Yours very truly,
J. C. LLEWELLYN.

It was voted that this gift be accepted, and that the thanks of the Board of Trustees be sent to Mr. Llewellyn.

#### LIST OF EXPERIMENT FIELDS.

(9) Lists of the experiments fields which are being operated by the Departments of Agronomy and Horticulture of the College of Agriculture.

These lists were received to be printed in the minutes:

## [EXPERIMENT FIELDS OPERATED BY THE DEPARTMENT OF AGRONOMY.]

,	$\dot{\mathbf{Y}}\mathbf{ear}$	No. of	
Field.	located.	acres.	Method of holding.
Cutler	1902	18	Permanent lease with rent, \$6 per acre.
Du Bois		· 5	By rent, \$4 per acre.
Odin		20	Permanent lease with rent, \$5 per acre.
Virginia		$11\frac{1}{1}$	By rent, \$8 per acre.
Mascoutah	1902	$^{11}_{14}$ $^{14}$	By rent, \$8 per acre.
Sibley	1902	71/2	By rent, \$6 per acre.
Bloomington		4	By rent, \$8 per acre.
Momence		5 3/4	By rent, \$5 per acre.
Antioch		17/10	By rent, \$5 per acre.
Galesburg	1904	25	By rent, \$8 per acre.
Rockford	1904	131/4	By rent, \$8 per acre.
Fairfield		40	By rent, \$5 per acre.
DeKalb		$\frac{36 \frac{1}{4}}{16}$	By rent, \$8 per acre.
Vienna		121/2	Purchased by University.
Manito		$\frac{12}{20}$	By rent, \$5 per acre. By rent, \$8 per acre.
Magnolia		6	By rent, \$6 per acre.
Ewing		20	By deed of gift.
Carlinville		20	Permanent lease without rent.
Raleigh		$\bar{1}4$	By deed of gift.
Unionville		$\bar{20} +$	By deed of gift.
Minonk		15	By deed of gift.
La Moille		20	By deed of gift.
Mt. Morris		20	By deed of gift.
Dixon		20	By deed of gift.
Lebanon	1910	20	By deed of gift.
Aledo		. 20	By deed of gift.
Carthage		. 20	By deed of gift.
Clayton		20	By deed of gift.
Hartsburg		20	By deed of gift.
Oblong	1912	20	By deed of gift.

#### LIST OF EXPERIMENT FIELDS-Concluded.

Field.	Year located.	No. of acres.	÷	Method o	of holding.
Newton	1912	30	By deed	of gift.	
Pana	1912	.30	By deed	of gift.	
Sidell	1912	20	By deed		
West Salem	1912	24	By deed		
Enfield	1912	20	By deed		
Toledo	1913	17	By deed	of gift.	
April, 1913			* *		

## [EXPERIMENT FIELDS OPERATED BY THE DEPARTMENT OF HORTICULTURE.]

April 15, 1913.

Dean E. Davenport, Urbana, Ill.

DEAN DEAN DAVENPORT: In response to your request for information regarding the experimental fields now in operation by the Department of Horticulture, I beg leave to submit the following:

The only experimental tracts owned by the department outside of Urbana are a 76-acre farm at Olney and the 19-acre Gunn orchard near by. The orchard has been used for spraying and renovation experiments, and the 76-acre tract has been planted with some 400 varieties of apples and peaches which have been bred for the purpose by the department. We also have considerable small fruit area on this place. The plantings of both small and orchard fruits will be greatly extended this year.

The only tract which we have leased at the present time is the 19-acre Eggington orchard 4½ miles west of Flora in Clay County. Adjoining this tract we have fourteen acres at what was known as the Hannon orchard, which has been under our supervision for twelve years. The 14-acre tract is used by the department for fertilizer experiments.

The balance of our experimental work has been and will continue for some time to be, conducted in cooperation with the owners of orchards, wherever we can make the most satisfactory arrangements for the pursuance of the work. During the past three years we have had twelve acres at Neoga in cooperation with Mr. H. A. Aldrich; at Anna two acres in the Anderson orchard; and at Griggsville five acres in the Turner orchard.

In addition to the orchard work, we have had experimental vegetable work at Anna, Cobden and Kinmundy, in cooperation with tomato and melon growers. These areas, however, have been small, never more than two acres in extent.

If this does not give all the information you desire for the president, I will be glad indeed to go more in detail.

Respectfully submitted.

Respectfully submitted,
J. C. Blair,
Head of Department of Horticulture.

#### ASSIGNMENT OF BALANCES, COLLEGE OF AGRICULTURE.

(10) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that the following prospective balances be assigned as indicated:

#### Prospective Balances.

Veterinary science	
Total	\$16,000 00

#### Assignment of Prospective Balances.

Hoof with the first of 1 100 position Buttaneous.	* 1	
To the College and Experiment Station.  To the Horticultural Department To the Dairy Department To the Household Science Department	$\frac{4,500}{4,000}$	00
Total	\$16,000	00
On motion of Mrs. Evans, this recommendation was approved		

## REPORT OF THE WORK OF THE RESEARCH LABORATORY IN NUTRITION.

(11) A report from Dr. H. S. Grindley, Professor of Animal Chemistry, of the work of the Research Laboratory in Nutrition from its establishment in 1897 to the present time.

This report was received to be printed in the minutes:

May 6, 1913.

President Edmund J. James, University of Illinois, Urbana, Ill.

MY DEAR PRESIDENT JAMES: I transmit herewith Exhibit A to E inclusive, which give summaries of the funds, results, publications, etc., of the Research Laboratory in Nutrition since the beginning of the work in 1897.

Exhibit A gives a list of the special research funds of the Research Laboratory

Exhibit A gives a list of the special research funds of the Research Laboratory in Nutrition.

Exhibit B gives a summary of some of the more important results of the Research Laboratory in Nutrition since the beginning of the work in 1897.

Exhibit C gives a list of the publications from the Research Laboratory in Nutrition from 1897 to the present date.

Exhibit D gives a list of the manuscripts ready or almost ready for publication. Exhibit E is a collection of quotations from investigators who have either quoted the results of this laboratory or have written us regarding the results of our investigations.

I shall be pleased to furnish you any additional information you may desire

in this connection.

Very truly yours, H. S. GRINDLEY.

#### EXHIBIT A.

# SPECIAL RESEARCH FUNDS OF THE RESEARCH LABORATORY IN NUTRITION, 1897-1901.

The research work in nutrition in this laboratory was started in 1897, with the cooperation of the Office of Experiment Stations of the United States Department of Agriculture. The first researches in nutrition of this laboratory were made to determine the food requirements of man.

From 1897 to 1907 the United States Department of Agriculture assisted this research laboratory by granting, during this period of ten years, \$7,500 to aid our

researches.

researches.

During 1902 and 1904 this nutrition laboratory received two grants from the Elizabeth Thompson Science fund of Boston, amounting to \$550.

In 1906 and 1907 the laboratory received two grants, amounting to \$1,000, from the cold storage interests of Chicago.

During the years 1898 to 1907 the Illinois Agricultural Experiment Station furnished, with the approval of the Trustees of the University, this Research Laboratory of Nutrition \$8,500 for this work.

From 1907 to 1909 the American Meat Packer's Association appropriated \$50,000 for the nutrition investigations of this laboratory.

From 1908 to 1911 the Trustees of the University voted \$28,745 for our researches.

#### EXHIBIT B.

SUMMARY OF SOME OF THE MORE IMPORTANT RESULTS OF THE RESEARCH LABORATORY IN NUTRITION SINCE THE BEGINNING OF THE WORK IN 1897.

1. The investigations have proved conclusively that the cheaper cuts of meat are just as wholesome, just as nutritious, and in every way just as good as the more expensive cuts from the same carcass, except that the latter give greater gratification to the palate.

2. The researches of this laboratory have resulted in the perfection of a precise method of roasting meats, by which it is possible to cook meats under conditions that can be exactly controlled with scientific accuracy, thus giving products that are more palatable, more digestible, and therefore more nutritious, than such meats cooked under conditions less accurately controlled. The results of this line of investigation have been made the basis of a valuable fireless cooking device by a prominent American manufacturing company. a prominent American manufacturing company.

3. The results of extensive and elaborate digestion experiments which have

3. The results of extensive and elaborate digestion experiments which have been made by this Research Laboratory show that meat of all sorts is to be classed among the very digestible foods, and that differences in kind, cut, or method of preparation for the table have less effect upon the ease or the thoroughness of digestion than has been frequently claimed. These investigations have conclusively demonstrated the fact that meats have a very high nutritive value considered from the standpoint of their digestibility.

4. As a result of 150 experiments to determine the losses of nutrients occurring during the cooking of meats, it has been shown: (a) That considerable water (34 to 67 per cent) was lost no matter what the method of cooking, the greatest amount being lost in pot roasting and sauteing, a moderate amount in boiling and broiling, and the least amount in roasting; (b) that the losses in crude protein varied from 1 to 7 per cent, the greatest loss occurring in boiling and the smallest in broiling; (c) that the losses of fat varied from 5 to 44 per cent, the greatest loss occurring in roasting and pot-roasting, while in sauteing considerable fat was added to the meat; (d) that the losses of mineral matter varied from 3 to 45 per cent, the greatest loss occurred in boiling and the smallest in sauteing. In general, the various methods of cooking meats materially modify the appearance, texture, and flavor of the meat, and hence its palatability, but have comparatively little effect upon the total nutritive value.

5. The extensive dietary studies of the inmates of the State charitable institutions which have been made by the workers of this laboratory under the auspices

of the Pellagra Commission, appointed by Governor Deneen to investigate the cause of this disease and to study the food conditions of the inmates of these institutions of this State have shown that the dietaries of the inmates of these institutions of this State are chiefly vegetable in nature and that they undoubtedly could be decidedly improved by increasing the amounts of animal foods, and by giving them more variety by furnishing fresh fruits and vegetables in season to insure the proper quantities of mineral elements. Quite aside from any contribution to the pellagra question, these researches have clearly demonstrated that the broader problems of diet in public institutions are well worthy of continued investigation by methods which are accurate and by persons who are competent.

gation by methods which are accurate and by persons who are competent.

6. The nutrition investigations upon man that have been made by this laboratory have given by far the greatest amount of exact scientific data upon the normal nutrition of man that has ever been obtained up to the present date, as the result of one continuous investigation of a group of men. The detailed study that has already been given to this vast mass of experimental data shows beyond doubt that scientific and practical results of much value to the science of nutrition and of direct benefit to the people of this State will in the end be the outcome of these researches. The results of this investigation are of fundamental importance and value to the nutrition of man in disease, and are therefore of inestimable value to sanitary and public health, as also to the sciences of medicine, physiology, nutrition and biological chemistry.

nutrition and biological chemistry.

7. These investigations upon the nutrition of man have shown that nitrates are widely distributed in our common foods, especially fresh vegetables and fresh fruits, and that individuals living mainly upon vegetables and fruits ingest as much or even more nitrates than individuals consuming one-half to three-fourths of a pound of cured meats per day. It is evident from the results of these investigations that nitrates are present in a number of the organs and the fluids of the animal body. Further, it seems more than probable that nitrates in minute amounts enter into many of the processes of metabolism in the animal organism just as they do in the plant organism.

8. Recent statistical methods have been successfully applied for the first time to the interpretation and study of the experimental data of metabolism experiments upon man and farm animals. The application of these statistical methods to such data is of more importance, for thereby the deductions will be logical and more nearly correct and therefore of greater significance and of more influence in securing the health of the public.

9. The investigations of this laboratory have shown that there are apparently significant seasonal variations in practically all of the nutritional processes of man. For example, the average number of red cells in the blood of twenty men in November was 5,732,000 per cubic millimeter, while in July the number averaged only 4,721,000.

in November was 5,732,000 per cubic millimeter, while in July the number averaged only 4,721,000.

10. The large amount of scientific data recorded in connection with the nutrition experiments upon men furnishes important information as to the influence of the different classes of foods, i.e., vegetable and animal foods, and also as to the influence of different kinds of individual foods, i.e., meats, milk, bread, fruits, or the property of the putition and the health of man.

the influence of different kinds of individual foods, i.e., meats, milk, bread, fruits, etc., upon the nutrition and the health of man.

11. Our researches have shown that in the case of normal adult men, eating an ordinary mixed diet, the average number of fecal bacteria excreted daily is about 33x1012; the average daily bacterial dry substance about 5.34 grams; and the daily bacterial nitrogen 0.585 grams, making up 46.3 per cent of the total fecal nitrogen. There is considerable individual variation in the average quantity of fecal bacteria even in persons taking the same diet. The number of fecal bacteria brought to development on artificial media is a minute fraction of the total fecal bacteria microscopically visible.

12. The studies of this laboratory have shown clearly that there is marked variability in the functional activities of the same man or lower animal and of different individuals of the same species. For example, the coefficients of variability of the average quantities of the various forms of urinary nitrogen excreted in twenty-four hours by six normal men were as follows: Urea nitrogen 6.8 to 8.2; ammonia nitrogen 6.7 to 13.5; creatinin nitrogen 5.6 to 7.7; uric acid nitrogen 4.2 to 11.5.

ammonia nitrogen 6.7 to 13.5; creatinin nitrogen 5.6 to 7.7; uric acid nitrogen 4.2 to 11.5.

13. About 280 individual digestion experiments with steers, 50 with swine and 18 with sheep have been made. It is impossible to summarize in any detail at this time the results of these experiments. Among the most interesting of the results are the following: (a) The apparent coefficients of digestibility of the feeds vary inversely as the amounts of feed consumed i.e., a steer on maintenance apparently digests relatively more from a given ration than a steer on full feed; (b) a ration containing a liberal supply of protein is more digestible than one containing a minimum amount of protein; (c) apparently the coefficients of digestibility of clover hay are increased when the proportion of concentrates—corn and oil meal—in the ration is increased.

14. A large number of experiments have been made to determine the influence

14. A large number of experiments have been made to determine the influence

14. A large number of experiments have been made to determine the influence of different kinds of feeding stuffs upon the growth, fattening, and nutrition of beef cattle, swine and lambs. Several publications giving the results of these lines of research are now either in press or being prepared for publication.

15. It has been demonstrated experimentally that a daily ration consisting of ground corn, blood meal, and an ample amount of calcium phosphate, containing only 0.27 pounds of digestible protein, and yielding 3.40 therms of metabolizable energy per 100 pounds of live weight, was not sufficient for normal nutrition of nigs.

16. It has been proven by experiments that daily rations consisting of ground corn, blood meal, and an ample amount of calcium phosphate, containing 0.68 and 8.89 pounds of digestible protein, and yielding 4.18 and 4.39 therms of metabolizable energy per 100 pounds of live weight, were sufficient for the normal nutrition of pigs.

- 17. We have apparently proved that steers may be fattened upon a very low protein ration. The results obtained clearly indicate that Chittenden's theory as to the desirability and economy of low protein rations for men should be closely studied both theoratically and experimentally from the standpoints of the lower animals and of the economic production of beef, mutton and pork.
- 18 Our experimental results show that the quantity of feed furnished fattening steers decidedly influences the proportion of the feed digested by the animals. The greater the feed eaten, the less is the coefficient of digestibility of the nutrients.

#### EXHIBIT C

#### PUBLICATIONS FROM THE RESEARCH LABORATORY IN NUTRITION.

#### A. From 1897 to 1906, Inclusive.

- 1. A Study of the Milk Supply of Chicago. By Jane Addams and H. S. Grindley. University of Illinois. Agr. Exp. Sta. Circular, No. 13, pp. 1-18 (1898).

  2. A Study of Foods. By H. S. Grindley. Published by the Department of Chemistry of the College of Science of the University of Illinois, Circular, pp. 17 (1998) 1-7 (1898).
- 3. Analysis of Foods. By H. S. Gridley. University of Illinois, College of Science, Circular, pp. 1-14 (1899).

- Science, Circular, pp. 1-14 (1899).

  4. Nutrition Investigations. By H. S. Grindley and J. L. Sammis. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 91, pp. 1-20 (1900).

  5. Experiments on Losses in Cooking Meats. By H. S. Grindley, with the cooperation of H. McCormack and H. C. Porter. U. S. Dept. of Agr. Office of Experiment Stations, Bul. 102, pp. 1-64 (1901).

  6. The Artificial Method for Determining the Ease and the Rapidity of the Digestion of Meats. By H. S. Grindley and Timothy Mojonnier. The University Studies, University of Illinois, Vol. I, April, 1903, pp. 185-208.

  7. The Chemistry of Flesh. I. The Nitrogenous Constituents of Flesh. By H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 26, pp. 1086-1107 (1904).

  8. A Study of the Nitrogenous Constituents of Meats. U. S. Dept. of Agr., Bur. of Chem., Bul. 81, pp. 110-118 (1904).

  9. Experiments on Losses in Cooking Meats. By H. S. Grindley and Timothy Mojonnier. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 141, pp. 1-95 (1904).

- Mojomnier. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 141, pp. 1-95 (1904).

  10. On the Presence of Cottonseed Oil in Lards from Hogs Fed upon Cottonseed Meal. By A. D. Emmett and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 27, pp. 263-270 (1905).

  11. The Chemistry of Flesh. II. Imported Methods for the Analysis of Animal Substances. By H. S. Grindley and A. D. Emmett. Jour. Am. Chem. Soc., Vol. 27, pp. 658-678 (1905).

  12. Studies on the Influence of Cooking upon the Nutritive Value of Meats. By H. S. Grindley and A. D. Emmett. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 162, pp. 1-230 (1905).

  13. The Chemistry of Flesh. III. A Study of the Phosphorus Content of Flesh. By A. D. Emmett and H. S. Grindley. Jour. Amer. Chem. Soc., Vol. 28, pp. 25-63 (1906).

- 25-63 (1906).

  14. The Chemistry of Flesh. IV. A Study of the Proteids of Beef Flesh.

  By P. F. Trowbridge and H. S. Grindley. Jour. Amer. Chem. Soc., Vol. 28, pp. 469-505 (1906).

#### B. From 1907 to 1913, Inclusive.

15. Comparative Test of Spiro's and Folin's Methods for the Determination of Ammonia and Urea. By Paul E. Howe and P. B. Hawk. A paper read before the Amer. Soc. of Biol. Chemists, December 30, 1907. Abstract published in Proceedings of the Soc., Vol. 1, No. 3, pp. 104-105 (1907).

16. Studies on the Effect of Different Methods of Cooking upon the Thoroughness and Ease of Digestion of Meat. By H. S. Grindley, with the cooperation of Timothy Mojonnier and Horace C. Porter. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 193, pp. 1-100 (1907).

17. A Precise Method of Roasting Beef. By Elizabeth C. Sprague and H. S. Grindley. The University Studies, University of Illinois, Vol. IV, May 15, 1907, pp. 287-321.

pp. 287-321.

Grindley. The University Studies, University of Finness, vol. 17, May 10, 1201, pp. 287-321.

18. The Chemistry of Flesh. V. Methods for the Determination of Creatinin and Creatin in Meats and their Products. By H. S. Grindley and H. S. Woods. Journ. Biol. Chem., Vol. 2, pp. 309-315 (1907).

19. Chemistry of Flesh. VI. Further Studies on the Application of Folin's Creatin and Creatinin Method to Meats and Meat Extracts. By A. D. Emmett and H. S. Grindley. Journ. Biol. Chem., Vol. 3, pp. 491-516 (1907).

20. Analyses of Meat Extracts. By H. S. Grindley and H. H. Mitchell. U. S. Dept. of Agr., Bul. 116, pp. 45, 48, and 50 (1908).

21. The Uric Acid Excretion of Normal Men. By P. J. Hanzik and P. B. Hawk. Jour. Biol. Chem., Vol. 5, pp. 355-365 (1908).

22. Necessity of Investigations as to the Effects of Cold Storage upon Food Products. By H. S. Grindley. Ice and Refrigeration, Vol. —, pp. — (1908).

23. Importance of Research to the Packers. By H. S. Grindley. The Amer. Food Journ., Vol. 3, pp. 5-8 (1908).

24. The Anaerobic Bacteria of the Human Intestine and Some Methods for their Isolation. By W. J. MacNeal, L. L. Latzer, and J. E. Kerr. Read at the Lake Placid Conference on Home Economics, July 6-10, 1908. Abstract published

in the Proceedings of the Tenth Annual Conference of the above organization (1908).

25. The Chemistry of Flesh. By H. S. Grindley. A paper read before the Amer. Chem. Soc., Chicago, May 23, 1908. Abstract published in Journ. Amer. Chem. Soc., Vol. 30, p. 76 (1908).

26. The Determination of Ammonia in Meat and Meat Products. By F. W. Gill and H. S. Grindley. A paper presented to the Amer. Soc. of Biol. Chemists, December 30, 1907. Abstract published in Science, Vol. 27, p. 497 (1908).

27. On the Efficiency of Thymol and Refrigeration for the Preservation of Urine, as Shown by Comparative Analyses for the various Nitrogenous Constituents at the end of 24, 48, 78, and 96 hours. By P. B. Hawk and H. S. Grindley. A paper presented to the Amer. Soc. Biol. Chemists, December, 1907. Abstract published in the Proceedings of the Society, Vol. 1, No. 3, pp. 103-104 (1908).

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A paper presented to the Amer. Soc. Biol. Chemists. December, 1907. Abstract published in the Proceedings of the Society, Vol. 1, No. 3, pp. 108-104 (1908).

28. The Determination of Total Sulphur in Urine. By F. W. Gill and H. S. Grindley, Jour. Amer. Chem. Soc. Vol. 31, 52-59 (1909).

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32. The Chemistry of Animal Feces. II. A Comparison of the Analysis of Fresh and Air-Dried Feces. By A. D. Emmett and H. S. Grindley, Journ. Amer. Chem. Soc., Vol. 31, pp. 595-579 (1909) Thymol and Refrigeration. By F. W. Gill and The Freedreck of Chemistry of Animal Feces. II. The Determination of Jammal Feces by Birer and Carbon Tetrachloride. By A. D. Emmett. Journ. Amer. Chem. Soc., Vol. 31, pp. 693-695 (1909).

33. The Chemistry of Animal Feces. II. The Determination of Fatty Matter in Animal Feces by Birer and Carbon Tetrachloride. By A. D. Emmett. Journ. Amer. Chem. Soc., Vol. 31, pp. 693-695 (1909).

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59. The Etiology of Contagious Abortion of Cows. By W. J. MacNeal. Illinois Agriculturist, Vol. XV, pp. 8-14 (1911).

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62. The Intestinal Bacteria of Penagrums.

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63. Studies in Nutrition. Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. III. By H. S. Grindley and Ward J. MacNeal, with the assistance of F. W. Gill, H. H. Mitchell, and others. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School. The University of Illinois, pp. 1-442. July, 1912.
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and R.H. Williams. Appearance 28, 1911. Abstract published in the Proceedings of the Society 28, 1911. Abstract published in the Proceedings of the Society 29, 1911).

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67. The Relative Nutritive Value of the Cuts of Beef. A paper read before the Amer. Chem. Soc., Washington, 1911. Abstract published in Science, Vol. 35, p. 392 (1912).

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71. Studies in Nutrition. An Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. V. By H. S. Grindley and Ward J. MacNeal, with the assistance of Josephine Kerr, William S. Shapin, Lenore L. Latzer and Thomas A. Rutherford. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, pp. 1-547, November, 1912.

72. Food Values and the Cheaper Cuts of Beef. By A. D. Emmett. The Illinois Agriculturist, Vol. 17, pp. 115-119 (1913).

73. Report of the Biochemical Work Done under the Auspices of the Illinois Pellagra Commission of th

pp. 55-160.

75. The Protein and Energy Requirements of Fattening Lambs as Determined by a Study of American Feeding Experiments. By Sleeter Bull and A. D. Emmett. A paper presented to the Amer. Chem. Soc., Milwaukee, 1913. Abstract published in Science, Vol. 37, p. 676 (1913).

#### EXHIBIT D.

## MANUSCRIPTS READY OR ALMOST READY FOR PUBLICATION.

#### A. Manuscripts Accepted for Publication.

1. A Review of American Investigations on Fattening Lambs with Special Reference to the Protein and Energy Requirements. By Sleeter Bull and A. D. Emmett. Accepted for publication as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 40.

2. The Element of Uncertainty in Feeding Experiments. By H. H. Mitchell and H. S. Grindley. Accepted for publication as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 65.

3. Studies in Nutrition. An Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. I. By H. S. Grindley, Ward J. MacNeal and H. H. Mitchell. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School.

#### B. Manuscripts Almost Complete.

1. Influence of the Quantity of Protein Ingested by Growing Pigs on the Development of the Body. By A. D. Emmett and H. S. Grindley. To be issued as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed

a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 45.

2. The Relative and Actual Efficiency of Heavy, Medium and Light Rations for Feeding Steers as Determined from Digestion Experiments. By H. W. Mumford, H. S. Grindley, L. D. Hall, and A. D. Emmett, with the cooperation of W. E. Joseph and H. O. Allison. To be published as a bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 50.

2. Coefficients of Digestibility of Feeds for Swine. By Wm. Dietrich and H. S. Grindley. To be issued as a bulletin from the Illinois Agricultural Experiment Station: Estimated printed pages, 40.

4. Correlation Studies in Metabolism. I. Method. By H. H. Mitchell and H. L. Rietz. To be printed in the scientific journals. Estimated printed pages, 30.

5. Correlation Studies in Metabolism. II. The Constituents of the Feece. By H. H. Mitchell and H. S. Grindley. To be printed in the scientific journals. Estimated printed pages, 45.

#### EXHIBIT E.

#### THE VALUE OF THE WORK OF THE RESEARCH LABORATORY.

The work of the Research Laboratory in Animal Nutrition has received much notice from investigators the world over, and the results obtained have been widely and frequently quoted. That this is true may be seen from the following partial list of quotations.

Professor Lafayette B. Mendel, of Yale University in Science of April 9, 1909, says: "The evidence now seems conclusive that creatinine is not present performed in the muscular tissues (Grindley and Woods; Mellandy, 1909; Mendel and Leavenworth). This same author also refers to two publications from our Research Laboratory as follows: Emmett and Grindley, Jour. Biol. Chem., 1907, Vol. 3, p. 491; Grindley and Woods, Jour. Biol. Chem., 1907, Vol. 2, p. 309.

Dr. F. C. Cook, of the Laboratory of Animal Physiology, Bureau of Chemistry, U. S. Dept. of Agriculture, Washington, D. C., in the Journal of Biol. Chem., Vol. 6, p. XXIV, refers to the method of Grindley and Woods used for the determination of creatine and creatinine in meat extracts.

W. D. Richardson and Erwin Scherubel in the Jour. Chem. Soc., Vol. 30, p. 1526, say: "In general the methods of Konig, of Grindley, of Winton, of Bigelow and Cook were freely used and in some instances modified in the interest of simplicity, speed, and accuracy. In particular the cold water extract of Grindley," etc., etc. These authors quote six papers published from this Research Paboratory of Animal Nutrition.

simplicity, speed, and accuracy. In particular the cold water extract of Grindley, etc., etc. These authors quote six papers published from this Research Laboratory of Animal Nutrition.

Drs. W. D. Bigelow and F. C. Cook in Bulletin 114, p. 40, Bureau of Chemistry, U. S. Department of Agriculture, quote as follows: "Grindley and Woods have determined separately the kreatin and kreatinine content of several extracts of meat and found both present in varying amounts. It is necessary, therefore, to determine these two bodies separately when a careful study of the nitrogenous bodies of meat extract is made.

John Phillip Street, Report of the Conn. Agric. Ex. Station, Food Products, 1908, quotes the work of the Research Laboratory as follows: "The characteristic salts of true meat extracts are potassium dihydrogen phosphate, and potassium monohydrogen phosphate, the former predominating, Trowbridge and Grindley Journ. Amer. Chem. Soc., 1906, 28, p. 471. "As already stated, the chief acid phosphates of meat are potassium dihdrogen and potassium monohydrogen phosphate. The former is acid to phenolphthalein, while the latter is neutral to this indicator, Trowbridge and Grindley, Jour. Amer. Chem. Soc., 1906, 28, p. 471." "Trowbridge and Grindley have shown that all the proteins thus far obtained from flesh react acid to phenolphthalein. The determination of the true acidity of a meat extract is therefore a matter of much difficulty." "Emmett and Grindley, in their extended study of the phosphorus content of flesh, found that phosphorus

acid made up the following percentage of the total ash———?" "The same authors have also shown that the water-soluble phosphorus of aqueous extracts of flesh is not in combination with the coagulated protein, with the proteoses, or with the peptones, but is due to non-protein bodies. (Jour. Amer. Chem. Soc., 1906, 28, p. 56.)" "In only four brands of extracts are Emmett and Grindley's figures satisfied." "Topelius and Pommerehue, Worner, and Grindley and Woods have shown that fresh meat gave no traces of creatinin." "Grindley and Woods also showed that by the evaporation of an equous extract from the flesh upon the water-bath, in the presence of its natural acidity, creatin was changed to creatinin. It may be, therefore, that the relative amounts of these bases present may give some evidence as to the freshness of the extracts, as well as to the kind of meat employed in their manufacture, Jour. Biol. Chem., 1907, Vol. 2, p. 309." "Emmett and Grindley have studied the alleged defects in Folin's method and find, while on the whole Hebner's Criticisms are not fully sustained by the facts, that in the determination of creatin, at least, certain modifications are advisable; namely, an increase in the quantities of picric acid and alkali used, Jour. Biol. Chem., 1907, Vol. 3, p. 491." "We have also made a few tests of the modification suggested by Emmett and Grindley and find the slightly higher results are in general obtained thereby." "A comparison of the results secured by our modification and that of Emmett and Grindley is shown in the following tabulation——."

Professor Harry Snyder, of the University of Minnesota and the Minn. Exp. -?" "The same acid made up the following percentage of the total ash-

Professor Harry Snyder, of the University of Minnesota and the Minn. Exp. Station, in his book on Human Nutrition, pp. 108-111, quotes from five of the publications of this Research Laboratory. The same author in his book "Chemistry of Plant and Animal Life," pp. 338-389, quotes from the research work of this laboratory.

Professor E. H. Bailey in his book Sanitary and Applied Chemistry refers to a number of the publications of this laboratory.

Dr. F. C. Benedict, of the Carnegie Nutrition Investigation Laboratory, refers to the fact that Grindley and Woods (Jour. of Biol. Chem., 1907, 11, p. 309) found that there were present in the beef extract twice as much creatin as creatinin. They also refer to the work of this Research Laboratory as follows: "Grindley and Woods have found that when meat juice, containing practically no creatinin, is allowed to stand in the presence of picric acid and sodium hydroxide, a red color develops indicating a conversion of creatin to creatinin."

Director L. H. Bailey, of the New York Agricultural Experiment Station, in the third volume of The Cyclopedia of American Agriculture, Chapter 9, pp. 263-270, in the article on meat, "Its Nutritive Value, Selection, and Preparation," quotes extensively from the researches of this laboratory. Of the 7% pages, 1/6 is given to abstracts or direct quotations from the publications of this Research Laboratory, and of the list of literature at the end of the article, one-third are publications from this laboratory.

is given to abstracts or direct quotations from the publications of this Research Laboratory, and of the list of literature at the end of the article, one-third are publications from this laboratory.

Dr. Otto Foline, of Harvard University Medical School, in his article in the Journal of American Chemical Society, entitled "The Determination of Total Sulphur in Urine," refers repeatedly to the research work of this laboratory.

Dr. H. P. Armsby, Director, Institute of Animal Nutrition, Pennsylvania State College, Expert in Animal Nutrition, Bureau of Animal Industry, in Bull. 108, Bureau of Animal Industry, U. S. Dept. of Agric, quotes as follows: "Lean cuts of meats, however, may contain much less fat than is indicated by the above statement. Thus Grindley and Emmett (U. S. Dept. of Agr., Office of Experiment Stations, Bull. 162) analyzed seven samples of beef round from which the visible fat had been removed, the average of the seven analyses being as follows—"

Dr. W. H. Jordan, Director of the New York Experiment Station, in an article upon the Effects of Phosphorus Compounds with Milch Cows in American Jour. of Physiology, Vol. 16, p. 309 (1906), quotes as follows: "Emmett and Grindley (Jour. Amer. Chem. Soc., 1906, Vol. 28, p. 5), in their researches on the chemistry of the flesh of steers, have made a study of its phosphorus content in various forms. Their results show that the total phosphorus for such flesh soluble in cold water ranged from 0.146 per cent to 0.257 per cent, averaging approximately 0.2 per cent. Of this 0.12 per cent consists of soluble inorganic phosphorus bodies, chiefly potassium phosphates, only about 0.08 per cent being in the form of organic phosphorus compounds."

Annual Reports of the Progress of Chemistry issued by the London Chemical Society have the following to say regarding the work of the Research Laboratory: "Food chemists will also read with the object of elucidating the chemistry of the proteids and other nitrogenous constituents existing in meats." Chem. Soc. (Lon.), A

and meat extracts of various kinds. Among other points they have finally disposed of the statement, made some years ago by G. S. Johnson, that creatinin is the more abundant base of the two." Chem. Soc. (Lon.), Annual Report, Vol. 4, p. 238 (1907).

The Revue de la Societe Scientifigue d'Hygiene Alimentaire et de l'Alimentation Rationelle de l'Homme, Paris, 1904, published in full a translation of Bulletin No. 141 from the Research Laboratory.

Dr. A. C. True, Director of the Office of Experiment Stations, in his different reports has the following to say regarding the researches of this laboratory:

"In Illinois, Prof. H. S. Grindley, of the University of Illinois, Urbana, has continued the investigations of the preceding year in regard to losses in cooking meat by frying and boiling. In the former method the loss of material has been found to be appreciable. In the latter, if the broth is used, all the nutritive value has been found to be retained, since nothing was lost in the vapors arising during the process of boiling. The investigations at the University of Illinois have now become well established and have thoroughly commended themselves to the authorities of that institution. It is therefore proposed to extend this work during the coming year, making this institution a center of investigations relating especially to meats. This is a subject on which comparatively little accurate work has been done aside from studies on the chemical composition of the different kinds of meat."

"Nutrition investigations have been carried on in conversion with the Hull

"Nutrition investigations have been carried on in cooperation with the Hull House, and the Lewis Institute of Chicago, and the University of Illinois. The lines of work undertaken have been dietary studies, investigations of food and milk supply of Chicago, losses in cooking meat, digestion experiments in which meat formed a considerable part of the diet, and analyses of food materials."

"Besides the cooking experiments, Professor Grindley has made up to the present time thirty-seven digestion experiments in which meat forms an important part of the diet. In some of these experiments, indeed, only sufficient other food materials were used to make the diet palatable. The meat used has been cooked in different ways and has been of different degrees of fatness. The results have not yet been published. All of these thirty-seven experiments are also nitrogen metabolism experiments, since the nitrogen of income and outgo was determined. "These experiments were carried on with men, and may be called natural-

"These experiments, since the nurgen of income and outgo was determined.

"These experiments were carried on with men, and may be called natural-digestion experiments. In addition to these natural digestion experiments, a large number of artificial experiments have been made, in which the digestibility of different kinds of meat, of different degrees of fatness, and cooked in different ways, has been studied by means of digestion in pepsin solution, and the time required for complete digestion noted. The results of these experiments, like those of the natural-digestion experiments, still await publication.

"The number of enginees of food materials expretory products and residues

"The number of analyses of food materials, excretory products, and residues from artificial-digestion experiments has been very large. The results of the investigations can hardly fail to be of far-reaching value."

investigations can hardly fail to be of far-reaching value."

"Professor Grindley has continued his valuable work with meats at the University of Illinois the past year. This included the carrying out of twenty digestion and nitrogen metabolism experiments with men, in which meat (beef) formed the chief part of the diet; sixty-five artificial digestion experiments with different kinds of meat to determine the influence of cooking upon the digestibility; forty-seven cooking experiments with meats to determine the losses in cooking and its influence upon flavor, palatability, digestibility, etc. In connection with these experiments, Professor Grindley made the analyses of 174 samples of food materials and excretory products and the determination of 130 heats of combustion.

"In addition to his experimental work, Professor Grindley has prepared a bulletin on the cooking of meats, which gives the results of his investigations in this direction.

"Professor Grindley's investigations on the losses coopering in the cooking of

"Professor Grindley's investigations on the losses occurring in the cooking of meats appear to show that boiling causes a greater loss of water than other methods of cooking. Some nitrogen and mineral matters were found in the resulting broth. The amount of fat in the broth depended somewhat upon the amount of fat in the meat, but more especially upon the nature of the meat used for the experiment. Different cuts of meat produced a noticeable difference in the amount of fat in the broth, the amount varying according to the character of the cut. The amount of loss depended upon the time of cooking, and was inversely proportional to the size of the piece of meat. In pan boiling, the losses appeared to be unimportant. There was a considerable loss of weight, mostly caused by the loss of water. A gain of fat was noted, owing to absorption of the fat used in the process."

"The investigations with meat carried out at the University of Illinois by

"The investigations with meat, carried out at the University of Illinois by Professor H. S. Grindley and his associates, have been continued the past year under most favorable conditions. In addition to the use of a new and well equipped laboratory, the University has contributed \$2,000 toward the nutrition investigations. Furthermore the Experiment Station furnished, without charge, the meat used in this investigation. The animals from which the portions of meat were taken were bred, grown and fed under known conditions, this being carried out under Professor Grindley's direction. The Department of Household Science also rendered valuable assistance."

"The investigations carried out the past year consisted of fifty-eight experi-"The investigations carried out the past year consisted of lifty-eight experiments to study the losses and chemical changes resulting from the cooking of meat and the influence of different methods of cooking upon the nutritive value of the meat (beef). These investigations included the complete analysis of eighty samples of uncooked and cooked meats, and of thirty-six samples of broths. In addition, determinations have been made of proteids of different kinds of broths from cooked meats and in water extracts from uncooked meats." "A valuable feature of Professor Grindley's work the past year has been the very satisfactory improvement of the methods used for the nitrogen determinations."

"The investigations with meat at the University of Illinois, in charge of Professor H. S. Grindley, have been conducted under very favorable conditions. The University has furnished the use of an especially well equipped laboratory, and, in addition, contributed a considerable sum toward the nutrition investigations. The meat used in the investigations was contributed free of cost by the Illinois Experiment Station, and the animals from which the material was taken were bred, grown and fattened under known conditions. The Department of Household Science of the University also rendered valuable assistance in the investigation. Beef, veal, mutton and pork were the meats studied.

"Professor Grindley, and his associates conducted forty-five cooking experi-

"Professor Grindley and his associates conducted forty-five cooking experiments during the past year. In these experiments the inner temperature, flavors, ments during the past year. In these experiments the inner temperature, flavors, losses and other changes resulting in the bolling, roasting, frying, broiling, sauteing, also the influence of covered and closed pans upon the above processes, were determined, as well as the effects of these factors upon the digestibility and nutritive value of the meat. Some of the experiments also included the influence of salt in varying quantities upon the losses, changes and modification of flavors which meats undergo during the process of boiling, in addition to the toughness and tenderness of raw and uncooked meats by means of a special machine which Professor Grindley has recently perfected." has recently perfected.

"Professor H. S. Grindley and his associates have carried on thirty-five experiments on the changes in the nutritive value and the flavor, color and texture when meat is cooked, and the possibilities of regulating conditions so that roast meat of uniform character may be obtained. This work has necessitated a study of the character of the extractives and other constituents of the cooked and raw meat and of the bodies which produce the characteristic flavor of cooked meat.

"The investigations have shown the way in which thoroughness of cooking and in large degree the quality of the cooked product depend upon the initial temperature of the oven and the length of the cooking period, factors which may be readily controlled

temperature of the oven and the length of the cooking period, factors which may be readily controlled.

"The invest/gations have also shown that after meat is removed from the oven the temperature of the interior of the roast continues to rise for a time, owing to the passage of heat from the outer layer to the interior of the uncut roast. In other words, cooking continues after meat is removed from the oven. "Following the deductions from the experiments, it is possible to cook meat to any desired degree from very rare to very well done and have the results the same from time to time, and the methods outlined can readily be used in the bousehold. household.

"When meat is roasted some loss in weight is sustained, owing principally to the evaporation of water and the removal of fat, which melts and runs out into

the evaporation of water and the removal of fat, which melts and runs out into the pan.

"The flavor of roast meat is largely due to the browning of the meat extractives."

"At the University of Illinois Professor H. S. Grindley and his associates have carried on forty-five artificial digestion experiments with different kinds and cuts of meat to study the effects of different methods of cooking on ease and rapidity of digestion, and have also made cooking experiments which were undertaken to secure additional information regarding the changes and losses sustained by meat when cooked in different ways. As a whole, the work at the University of Illinois has shown that it is possible to control cooking processes so that uniform results may be obtained. Meats of all kinds and cuts are to be ranked among the very digestible foods. No great differences were observed in the ease or thoroughness of digestion of different kinds and cuts of meat."

Extracts of letters of Dr. A. C. True, Director of Experiment Stations, United States Department of Agriculture, Washington, D.C., which show the intention of making the University of Illinois a center for nutrition investigation along the line of the chemistry of meat, and which also show the interest and the value which these experiments are considered by the United States Department of Agriculture to have:

to have:

"We want to make our work at the University of Illinois as strong as possible

"We want to make our work at the University of Illinois as strong as possible along the line of meat investigations."

"As regards your own work, we, of course, expect to continue investigations on meats for years before we have exhausted the subject, but you have made some definite progress each year and the particular lines of your work are changing as definite results are obtained. It is because you have obtained such useful results that we desire to continue and extend your work."

"As you know it is our desire to develop nutrition investigation at the University of Illinois."

Outstelons from letters of Professor W. O. Atwarer special agent in charge

versity of Illinois."

Quotations from letters of Professor W. O. Atwarer, special agent in charge of nutrition investigations for the United States Department of Agriculture, which show the intention of the department to make the University of Illinois a center for nutrition investigations along the lines of the study of meats:

"The subject is important and you have the field in this country." "I think you are doing and can do an excellent thing."

"I know very well that you will do all you can as you have done in the past. I consider the work you are doing very important and am anxious to see it extended."

"I have not had time to read over the product of the study of t

"If have not had time to read your manuscript through with any degree of care, but a hurried examination implies that the work is even more extended and valuable than I had anticipated."
"Dr. True and I are both anxious to do all that can be done to encourage your work."
"We are now going over your last manuscript and hope to write you about it soon. I am more and more impressed with the importance of the line of inquiry you are engaged in and wish you the best of success."

"There is no doubt, however, in my mind as to the desirability of increasing your appropriation. The amount and quality of your work justify almost any request, but the great question is where is the money to come from. Congress has just refused to increase our appropriation for next year. The demands on all sides are becoming more and more imperative. It was only by cutting down other work that the small increase was made in your appropriation for last year. I say this simply to show the difficulties in the way of the increase which you desire and which I very much wish you might have."

"Both Dr. True and I appreciate your work and we both hope for increased."

"Both Dr. True and I appreciate your work and we both hope for increased appropriations in the future which will make it possible for us to do more to

"I have been looking over your manuscript this morning, and I am convinced that the bulletin will be both interesting and valuable, and I hope we shall be able to get it out very soon."

"It was somewhat of a strain last year to increase your appropriation to \$1,500. This was done because we thought you so thoroughly deserved it and because your work is so useful, and we wanted to do everything possible to encourage your work, yourself in its prosecution, and the University in its support."

"Nothing but an unusual high estimate of your work would have led to the increase in your appropriation last year. To keep it even at the present level would involve sacrifice elsewhere."

increase in your appropriation last year. To keep it even at the present level would involve sacrifice elsewhere."

"I have been so much occupied preparing for an European trip that I have had but a moment to glance over your manuscript, although I have been hoping to find the opportunity to look it over in more detail. Dr. Langworthy and Mr. Milner have been over it, however, and we are all agreed in thinking that it is an extremely good bulletin. It shows evidence of having been put together with much care and thought, and Dr. Langworthy says of it, "It is a piece of work of which any man might be proud."

"I am glad that you have been able to complete your work so satisfactorly and bromptly this year and am fully convinced that the bulletin I am publishing will be a valuable addition to the series describing your investigations."

"We are very much interested in the work you are doing and appreciate its value, as well as the interest you take in it and the disadvantage you have had this year. You have done a large amount of most excellent work in proportion to the funds allotted to you."

"I am glad that you are ready to conduct the investigation with such painstaking detail and to conduct it year after year, by doing this making each year's work better than the last. I believe the investigation will become one of high scientific, as well as intensely practical, value. Your University is allying itself with abstract truth. It is in advance of most others in allying itself likewise with the interest of the home and the home maker, through its Department of Domestic Science. Others are with you, many others I believe will follow, and the outcome will be education, inspiration and uplift."

Quotations from letters relating to bulletin 158, "Relative Economy, Composition and Nutritive Value of the Various Cuts of Beef":

Dr. A. L. Winton, of the United States Department of Agriculture, Bureau of Chemistry, wrote: "I thank you for the copy of bulletin 158, which I value because of its scientific as well as practi

of bulletin 158. \* \* \* I am more than pleased to have this little pamphlet.

\* \* The bulletin represents a large amount of good work, and certainly it is a valuable contribution to our knowledge on the subject. The practical data that it contains can well be utilized in the home. Complimenting you on the bulletin, I am. \* \* \*" I am,

Dr. J. B. Lindsey, Vice Director and Chemist of the Department of Plant and Animal Chemistry of the Massachusetts Agricultural Experiment Station: "I acknowledge with many thanks the copy of your bulletin on the chemistry of the different cuts of beef, etc. It is exceedingly interesting, and furnishes a large amount of data, which cannot help being useful both in a practical and scientific

different cuts of been, etc. It is exceedingly interesting, and runnings a large amount of data, which cannot help being useful both in a practical and scientific way."

Professor J. E. Morton, Head of the Department of Animal Husbandry, State Agricultural College. Colorado. wrote: "I thank you for the copy of Bulletin 158. You have done mighty valuable work in getting it out. There should be a great deal more of the same class of work done at the different, stations. \* \* \* The University of Illinois is to be congratulated on the bulletins they have put out during the last two years. I believe they contain more valuable material than any coming from other institutions."

Dr. M. Dorset, Chief of the Biochemic Division of the Bureau of Animal Industry of the United States Department of Agriculture, wrote: "I have seen a copy of the recent Bulletin No. 158. I have not, however, received one myself. Inasmuch as the work contained therein is of great interest and importance to us, I would be under many obligations if you would have a copy, sent to me."

Elizabeth C. Pierce, New York: "I want to thank you ever so much for the bulletin on meats. It is perfectly splendid and exactly what I wanted. Thanking you again for your kindness."

In an editorial reproduced from the Journal of the American Medication Association, in the Scientific American Supplement, dated December 28, 1912, the following was stated: "The facts cited indicate how the retail prices of beef cuts are determined chiefly by considerations other than their food value. \* \* \* It is high time that those purchasers to whom matters of justifiable economy make

an appeal should be educated to appreciate the irrational standards that characterize the demands for beef. \* \* \* This advice applied in equal measure to public institutions, including hospitals, where a misapplied sense of duty often leads to well-meant but ill-judged dietary extravagance.

In the September, 1912, numler of the Illinois State Board of Health Monthly Bulletin, in which Bulletin 158 was published in full, the editor, the late J. A. Egan, Secretary of the Illinois State Board of Health, said in his comment: "As meats form so important a part of man's dietary, its relative economy, composition, and last but by no means least, the nutritive value of the different portions, must become of material consequence to all who consume it, and especially to the housewife upon whose shoulders falls the responsibility of providing food which is appetizing as well as nutritious. To her, especially, this bulletin will be of inestimable value."

The National Provisioner, in an editorial under the date of November 23.

appenizing as well as nutritious. To her, especially, this bulletin will be of inestimable value."

The National Provisioner, in an editorial under the date of November 23, 1912, stated: "The University of Illinois has been the leader in this sort of research work for many years. Its experts have recently completed an exhaustive investigation into the economy, composition, and nutritive value of various cuts of beef. \* \* \* The meat trade is vitally interested in this matter, and it will pay every meat man, in satisfaction of mind if not in pocket, to study this report and spread the gospel contained therein to his customers and friends."

Under date of October 23, 1912, the National Provisioner, which reproduced the Bulletin 158 in full, said in an introductory number: "The University of Illinois has been a pioneer among the educational institutions of the country to take up such problems \* \* \* as research and experimental work along livestock and meat lines. \* \* \* Their work in recent years has been of enormous value to the entire country, not only to producers and to packers, but to consumers as well." "The investigators have realized that it would take something more than mere talk to achieve the desired results. Reasons must b given to support such advice, and facts and figures must be presented in a striking way. This has just been done in a way that deserves the notice of every man in the meat trade."

#### REQUEST FOR SCHOLARSHIPS FOR BULGARIAN STUDENTS.

(12) A letter from Hon. P. P. Claxton, United States Commissioner of Education, enclosing a letter from Madame Panzy Hadji Mischief, wife of the Bulgarian Minister at Athens, asking the University to establish certain scholarships for the benefit of Bulgarian students.

No action was taken with reference to this matter.

#### PAVEMENT IN FRONT OF NEW ARMORY.

(13) A recommendation from Professor J. M. White, Supervising Architect, that an appropriation of six hundred dollars (\$600) be made for the construction of a pavement at the south end of Fifth Street in Champaign, as an approach to the main entrace of the new Armory.

On motion of Mr. Trevett, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### RESIGNATION OF ASSISTANT PROFESSOR DU FOUR.

(14) The resignation of Mr. F. O. Dufour, Assistant Professor of Structural Engineering, to take effect August 31, 1913.

On motion of Mr. Trevett, it was voted to accept Mr. Dufour's resignation.

#### DEED OF LAND FOR AN EXPERIMENT FIELD.

(15) A letter from Dr. C. G. Hopkins, Professor of Agronomy, addressed to Dean Davenport under date of May 29, 1913, transmitting a deed transferring from Alexander Moir and Phoebe Moir, his wife; James Moir and Edna Moir, his wife, and Leon Lemaire and R. May Lemaire, his wife, to the Board of Trustees, for use as experimental field, twenty acres of land near Oquawka, the country cost of Honderson Country. county seat of Henderson County.

This deed was referred to the Committee on Agriculture, with a request for a report at the next meeting on this deed and on the other deeds and

leases which have been referred to the same committee.

#### TITLE "CHIEF CLERK" CHANGED TO "BURSAR."

(16) A recommendation from Professor George E. Frazer, Comptroller, that the title of the position in the business office held at present by Mr. Oren E. Staples be changed from "Chief Clerk" to "Bursar."

On motion of Mr. Trevett, this recommendation was approved.

#### VALUATION OF MEDICAL PROPERTY BY THE CHICAGO REAL ESTATE BOARD.

(17) A bill from the Chicago Real Estate Board for two hundred sixty-eight dollars and seventy-five cents (\$268.75) for making a valuation of the property of the College of Medicine in the city of Chicago, in accordance with a request made by the President of the Board of Trustees.

On motion of Mrs. Henrotin, it was voted that this bill be approved, and that the certificate of valuation received from the Chicago Real Estate Board be printed in the minutes. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### [CERTIFICATE OF VALUATION.]

CHICAGO, June 2, 1913.

William L. Abbott, President, Board of Trustees of University of Illinois:

william L. Abbott, President, Board of Trustees of University of Illinois:

We, the undersigned, members of the Valuation Committee of Chicago Real Estate Board, have carefully considered the application made by you for a valuation on the following described property:

Lots 1 to 7, both inclusive, in block 23; sub-lots 1 to 7, both inclusive, of lots 19 to 25, both inclusive, in block 23, and the vacated alley running north and south through said block 23; also lots 15, 16, 17, 18, and east 7 feet of lot 14, all in block 23 of Ashland's Second Addition to Chicago, in the west half of the northeast quarter of section 18-39-14; being situated in the blocks bounded by Lincoln Street, Ogden Avenue, Congress, Honore and Harrison Streets. Size of lots, 263.98267x176.4x133.5x83.5x107.

VALUATION COMMITTEE OF THE CHICAGO REAL ESTATE BOARD.

EDWARD M. WILLOUGHBY, President. FRANCIS E. MANIERES. Secretary.
By MARVIN A. FARR,
FRED D. P. SNELLING, HARRY GOLDSTINE, HARRY GOLDSTINE, WILLIAM D. KERFOOT, JULIUS A. WENDELL, Members.

[SEAL]

No. 1542.

# OPINION OF LEGAL COUNSEL ON REQUIREMENT THAT ALL COLLEC-TIONS BE PAID INTO THE STATE TREASURY.

(18) An opinion from Dean O. A. Harker, Legal Counsel, on the question whether the University is required to pay all collections of money made by it into the State treasury.

This opinion was received to be printed in the minutes:

June 3, 1913.

President Edmund J. James, University of Illinois. MY DEAR PRESIDENT JAMES: Complying with your request I submit to you the following:

the following:

Opinion as to whether the University of Illinois is required to pay all collections of money made by it into the State treasury.

If any such requirement is cast upon the University, it must be by some provision of the constitution or by some act of the Legislature.

1. There is no provision in the constitution specifically requiring the University to pay any money into the State treasury. Under a strained construction given to section 18 of article 4, by the Supreme Court of the State in the case of The People ex rel., etc. v. Needles, 96 Ill., 575, it may be compelled to return to the State treasury such portion of a legislative appropriation as shall not be used before the end of the first fiscal quarter after the adjournment of the next regular session of the General Assembly following the one at which the appropriation was made; but it should be observed that such a return is of money voted out of the State treasury and not of money received for tuition and otherwise, by the University, in a way entirely disconnected from the State treasury. By no possible construction of section 18, article 4, or any other section of the constitution, can it be said that the receipts of the University coming from any other source than the State should be paid into the State treasury.

2. The only act of the Legislature under which it has been claimed that an obligation rests with the University to turn its receipts of money into the State treasury is one passed by the General Assembly of 1911, entitled "An Act in relation to the payment of the public money of the State into the State treasury," approved June 9, 1911.

A careful reading of the first section clearly shows that the University was not in mind when the bill was drafted or the act passed, otherwise it would have been specifically mentioned, as were some thirty departments boards, and officials directly connected with the State Government. It reads:

"That the Secretary of State, the Auditor of Public Accounts, the Superintendent of Public Instruction, the Adjutant General, the Insurance Department of the State of Illinois, the Board of Administration, the Charities Commission, the Board of Commissioners for the Management of the State Library, the Illinois Stallion Registration Board, the Board of Live Stock Commissioners, the Board of Veterinary Examiners, the Raliroad and Warehouse Commissioners, the Chief Inspector of Grain, all Deputy Inspectors of Grain, Warehouse Registrars and their assistants, all State Weighmasters, the State Commissioners of Labor, the Chief Inspector of Private Employment Agencies, the State Board of Examiners of Architects, the Board of Examiners of Barbers, the Board of Fish Commissioners, the Board of Examiners of Board of Pharmacy, the Illinois State Board of Dental Examiners, the Miners' Examining Board of the respective counties, the State Board of Examiners of Registered Nurses, the State Entomologist, the State Board of Examiners of Registered Nurses, the State Entomologist, the State Board of Fish Commissioner, commissioner, and all like executive and administrative boards, commissions, commissioners, departments or institutions of the State Government of the State Government, and all moneys received by each of such officers, boards, commission, commissioner, departments or institutions shall e

affected thereby it will be presumed that all not named are to be excluded from its operation.

Furthermore, in its relation toward the State Government the University of Illinois occupies a position entirely different from the departments named. Its Board of Trustees is a corporation, invested with the power to acquire, hold, and convey title to lands, to acquire, hold, and transfer in its own name personal property, to contract and be contracted with, to sue and be sued, and to perform various other functions entirely independent of State regulation. It resembles more a municipal corporation, such as a county, city, township, or school district, than any of the departments named. Not only is the title to the lands and equipment located at Urbana vested in the Board of Trustees, but it is owner of all the other property and funds not directly received from the State. In this connection I desire to call your attention to the language employed in the title of the act. It is an act "in relation to the payment of the public money of the State into the State treasury." I deny that funds received from the federal government, student fees, and donations are moneys of the State. Indeed, I should have very serious doubts of the constitutionality of an act specifically requiring the University to turn such funds into the State treasury.

Differing, as I do, from the view taken by the Attorney General in his opinion of April 1, 1913, to Hon. Paul Matthews, Department and Institution Auditor, I beg to suggest that he was doubtless led to his conclusion in so far as the University is involved by the holding of the Supreme Court in the case of the Chicago Board of Trade v. Cowen, 252 Ill., 554. That was a suit in equity to enjoin the payment into the State treasury of \$64,560, which had been collected by the Grain Inspection Department as fees for inspection. The chief question involved was the constitutionality of the Act of 1911. The Court sustained the lower court in dismissing the bill, and in addition to holding the Ac

O. A. HARKER, Legal Counsel.

#### BILL FROM THE FORMER STATE ARCHITECT APPROVED.

(19) A bill from Mr. W. Carbys Zimmerman, formerly State Architect, for a balance due for work on the new Armory, of two hundred ninety-seven dollars and fifty cents (\$297.50).

On motion of Mr. Trevett, it was voted that this bill be paid when it shall be approved by the supervising architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### AUTHORITY FOR PURCHASE OF CLASSICAL AND PEDAGOGICAL LIBRARIES.

(20) A request for authority to purchase, from the book firm of Gustave Fock, of Leipzig, the classical philogical library of the late Johannes Vahlen, Professor of Classical Philology in the University of Berlin, and also to purchase of the same firm the pedagogical library of the late R. Aron, of Berlin, at a price not to exceed the sum of twenty thousand five hundred dollars (\$20,500) for both collections for both collections.

On motion of Mrs. Henrotin, it was voted that such authority be given to the President of the University. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### ATTENTION CALLED TO PROPOSED SITE FOR NEW LIBRARY.

President James called the attention of the board to the recommendations made by the supervising architect, approved by the State Architect, concerning the location of the proposed new Library Building, as printed in the minutes of January 7, 1913, pages ----, and asked that each member of the board inspect the proposed location, as further recommendations will be made on this matter at a later meeting of the board.

\*At this point President James withdrew, having an engagement to

address a meeting of alumni then in progress.

#### RESOLUTIONS CONCERNING THE APPROPRIATION BILL BEFORE THE GENERAL ASSEMBLY.

On motion of Mrs. Busey, the following resolution was adopted:

On motion of Mrs. Busey, the following resolution was adopted:

Whereas, The Board of Trustees of the University is informed that the University appropriation bill before the General Assembly contains a clause providing as follows:

"The Auditor of Public Accounts is hereby authorized and directed to draw his warrants from time to time upon the State Treasurer, for amounts expended or bills then due, from the sums herein appropriated, payable severally to the persons named, upon the presentation of itemized vouchers therefor, certified to by the President and Secretary of the Board of Trustees of the University of Illinois, with the corporate seal of the University attached thereto."

Therefore, Be it Resolved, That the Board of Trustees respectfully protests to the Appropriations Committee against the clause above quoted and requests the substitution of the following clause:

The Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the State Treasurer for the sums hereby appropriated upon the order of the Board of Trustees of said University, attested by its secretary and the corporate seal of the University; provided that no part of said sum shall be due and payable to said Board of Trustees until itemized vouchers shall be filed with the Auditor for all previous expenditures incurred by the University on account of the appropriations hitherto made; and provided further that vouchers shall be taken in duplicate and that the original duplicate vouchers be forwarded to the Auditor of Public Accounts for the expenditures of the sums appropriated in this Act. appropriated in this Act.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

<sup>\*</sup> See insert, meeting of June 25, 1913, page 263.

# Meeting of June 25, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, June 25, 1913, beginning at 12:30 P.M., pursuant to the following notice which was sent out by the secretary on June 18, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel in the city of Chicago, on Wednesday, June 25, 1913, beginning at 12:30 P.M., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson.

#### CONSIDERATION OF THE MINUTES POSTPONED.

The secretary having presented the minutes of the meeting of June 10, 1913, it was voted, upon motion of Mr. Busey, to postpone the consideration of the minutes for fifteen minutes.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University to fill positions authorized by the Board of Trustees.

Blaney, Lillian, Scholar in History, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (June 17, 1913.\*)

Bond, Ethel, Instructor in the Summer Session of the Library School, for six weeks beginning June 16, 1913, at a compensation of one hundred seventy-five dollars (\$175) for the six weeks. (May 24, 1913.)

Branch, Nellie U., General Assistant in the Library, on half time, for two months beginning July 1, 1913, at a compensation of thirty-two dollars fifty cents (\$32.50) a month. (June 18, 1913.)

Brown, Flora M., Assistant in the Order Department of the Library, from June 16, 1913, to August 31, 1913, at a salary of sixty dollars (\$60) a month, vice Mary H. Roberts, resigned. (June 16, 1913.)

Case, Flora M., Reviser and Assistant in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a salary of eighty-five dollars (\$85) for the six weeks. (May 24, 1913.)

Clevenger, Clinton B., Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (June 14, 1913.)

Cole, Agnes L., Temporary Catalog Assistant in the Library, at a salary of seventy-five dollars (\$75) a month, beginning February 1, 1913, and continuing until further notice or until July 1, 1913. (May 16, 1913.)

Cort, W. W., Assistant in Swimming in the Summer Session, for the eight weeks beginning June 16, 1913, at a salary of seventy-five dollars (\$75) for the eight weeks. (June 7, 1913.)

Crooks, H. F., Assistant in Swimming in the Summer Session of 1913, at a remuneration of one hundred dollars (\$550) for twelve months' service, beginning April 18, 1913, and continuing until further notice, vice Miles Clements, resigned. (May 2, 1913.)

Ellis, Elmer R., Toolroom Attendant in Romance Languages, for ten months beginning September 1, 1913, at a salary of ninety dollars (\$90) a month. (June 17, 1913.)

\*\*The date in parenthesis is the date on which

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

Fisher, Lewis N., Scholar in Theoretical and Applied Mechanics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Ford, Edith H., Reviser and Assistant in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a compensation for the period named of eighty-five dollars (\$85), vice Flora M. Case, resigned. (June 17, 1913.)

Heck, Archie O., Scholar in Mathematics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Holden, James Loomis, Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (June 14, 1913.)

Johnston, Charles Hughes, Professor of Secondary Education, beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) per annum. (May 12, 1913.)

Knight, C. K., Scholar in Economics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Lawrence, Matthew, Scholar in History, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 8, 1913.)

Marshall, Ruth, Instructor in Zoölogy in the Summer Session, for the eight weeks. (June 7, 1913.)

Patterson, David Leslie, Instructor in History in the Summer Session of 1913, for eight weeks beginning June 16, 1913, at a salary of three hundred dollars (\$300) for the years beginning September 1, 1913, with a stipend of five hundred dollars (\$500) per annum. (June 7, 1913.)

Pogue, Robert Bedford, Research Fellow in the Engineering Experiment Station, for two years beginning June 16, 1913, at a salary of three hundred five hundred dollars (\$500) per annum. (June 7, 1913.)

Rece, Ernest J., Histructor in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a salary of one hundred seventy-five dollars (\$175) for the six weeks. (May

Russell, F. A., Fellow in Economics, for the academic year 1913-14, with a stipend of three hundred fifty dollars (\$\$50) for the year. (May 20, 1913.)

Seeley, F. B., Instructor in Theoretical and Applied Mechanics in the Summer Session, for the eight weeks beginning June 16, 1913, at salary of one hundred fifty dollars \$150) for the eight weeks, vice C. E. Noerenberg, resigned. (June 7, 1913.)

Shulters, J. R., Assistant in Romance Languages, for ten months beginning tember 1, 1913, at a salary of eighty dollars (\$80) a month, vice J. H. Ditchy. September 1, 191 (June 17, 1913.)

Thoreen, Edna A., Scholar in German, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 8, 1913.)

Van Cleave, H. J., Instructor in Zoölogy, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (June 24,

Wright, Quincy, Fellow in Political Science, for the academic year 1913-14, with a stipend of three hundred dollars (\$300) for the year. (May 20, 1913.)

#### REPORT OF AUDITING COMPANY.

The secretary presented a report of the United States Auditing Company of an audit of the books and accounts of the University for the third quarter of the fiscal year ended March 31, 1913, which was received to be filed, certain parts to be printed in the minutes:

May 14, 1913.

Honorable Allen F. Moore Chairman, Finance Committee, University of Illinois, Monticello, Ill.

Dear Sir: Following your instructions, we have made our regular quarterly audit of the books and accounts of the University of Illinois for the third quarter of the fiscal year as ended on March 31, 1913.

of the fiscal year as ended on March 31, 1913.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the chief clerk's cash account on the morning of April 11, 1913; proved the cash book footings from January 20, 1913, to April 11, 1913; verified the cash in the office by actual count; and examined and proved the footings of the approved and receipted vouchers in process of entry.

Summarized, the chief clerk's cash account is as follows:

Balance on hand January 20, 1913.

\$14,727 11
Receipts from various sources

\$2,042 11

 
 Deduct—Remittances to treasurer
 \$96,769 22

 81,000 00
 \$15,769 22

Made up as follows—       \$ 742 00         Currency       \$ 33 20         Coin       51 00         Checks for deposit       51 00         First National Bank, Champaign, balance as per pass book       12,575 79
Vouchers in process of entry
In the cash statement following, we present in total the general cash transactions for the third quarter, as represented by the cash book and warrant register, beginning with the general cash balance as of December 31, 1912:  Treasurer's balance, December 31, 1912.  \$54,350 22 Chief clerk's balance  19,100 41
Add—Cash receipts (Exhibit "A")
Deduct—Cash disbursements (Exhibit "B")
Balance, March 31, 1913 \$800,199 76
Made up as follows—       \$786,991       17         Treasurer's balance       \$786,991       17         Chief clerk's balance       13,208       59         \$800,199       76
We compared all warrants paid during the quarter with the treasurer's list, and verified the bank balance, as per our special report, covering the transfer of the balance to Busey's Bank April 6, 1913.  We proved the footings of the warrant register and first semester fee book; verified all postings to the fund ledger; examined the receipted bills and compared them with all vouchers.  We verified the first semester fees, and found the following outstanding: Glenn Cliffe Barnum (extended to June 13)
\$21 50  In auditing the cash receipts, we noticed that the interest on daily bank balances was credited to the general fund at the end of two years, and not annually. Fuller reference to this question, as also to the subject of freight rates, is given on
Exhibit "C".  The following is a reconcilation of the treasurer's account with the books of the University as at March 31, 1913:
the University as at March 31, 1918:  Treasurer's balance, per University books
\$904,969 05
Made up as follows (Schedule "6")—       \$875,328 80         General fund       15,945 64         College of Medicine fund       6,137 22         School of Pharmacy fund       7,526 49
Add—College of Medicine fund (Item of \$30.90 charged by treasurer without warrant, credited in April, 1913) 30 90 \$904,969 05
Very truly yours,  Supervised by: W. B. Flershem, Certified Public Accountant.  Very truly yours, UNITED STATES AUDIT Co., HENRY L. HERTZ, President.

#### EXHIBIT "C."

#### REMARKS AND RECOMMENDATION.

#### Interest on Daily Balances.

From our information, the terms are 2 per cent per annum. Our examination shows that credit has not been made annually by the treasurer, but at the end of two years, and we are informed that interest has been calculated only on balances in excess of one thousand dollars (\$1,000). The question of the interest accumulated on the balances at the end of the first of the two years and the practice of calculating interest only on balances in excess of one thousand dollars is thus brought to your notice.

#### Freight Bills.

Our audit discloses a considerable sum paid out for freight, with but scant verification as to the validity of the rates charged. We desire to impress the importance of accurate information in verifying freight rates, and suggest that the necessary assistance and means be adopted to insure certainty in this respect.

#### RESOLUTION OF APPRECIATION OF SERVICES OF MESSRS. GROUT AND HATCH.

Mr. Hoit presented the following resolutions of appreciation of the services of Messrs. A. P. Grout and Fred L. Hatch, former members of the Board of Trustees, whose terms expired on March 11, 1913; this resolution having been drafted by the special committee authorized at the meeting of March 5, 1913 (193):

#### RESOLUTION.

The University of Illinois has had a remarkable growth within the last decade. That growth has resulted from many causes. One of these causes is the presence upon the Board of Trustees of persons who have faith in the future of the University and an intelligent understanding of the steps necessary to translate that faith into an enlarged physical equipment, courses of study, and teaching faculty. It is the desire of the members of the Board of Trustees to express in this special manner their appreciation of the large services rendered to the University in this decade of growth by Messrs. A. P. Grout and Fred L. Hatch.

O. W. Hoit,
F. G. Blaar,
Committee.

Committee.

This resolution was adopted by a unanimous vote of the members

#### UNIVERSITY APPROPRIATION BILL.

President James presented for record a copy of Senate Bill No. 675, entitled, "For an Act making appropriations for the University of Illinois," which was signed by Governor Dunne on June 24, 1913.

This bill was received to be printed in the minutes:

For an Act making appropriations for the University of Illinois.

Section 1. Be it enacted by the People of the State of Illinois, represented in the General Assembly: That there be and is hereby appropriated to the University of Illinois for the biennium beginning July 1, 1913, the sum of four million five hundred thousand dollars (\$4,500,000) payable out of money paid into the State treasury and set apart as a fund for the use and maintenance of the University of Illinois, in accordance with an Act entitled: "An Act to provide by State tax for a fund for the support and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911, payable as follows:

1. For maintenance, equipment and general operating expenses, the sum of one million six hundred thousand dollars (\$1,600,000) per annum.

2. For the purchase of land and the erection and permanent equipment of buildings, the sum of six hundred fifty thousand dollars (\$650,000) per annum, Section 2. The appropriations made herein shall be paid only out of moneys paid into the State treasury and set apart for the use and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911.

The Auditor of Public Accounts is hereby authorized and directed to draw his warrants from time to time upon the State Treasurer, for amounts expended or bills then due, from the sums herein appropriated, payable severally to the persons named, upon the presentation of itemized vouchers therefor, certified to by the President and Secretary of the Board of Trustees of the University of Illinois, with the corporate seal of the University attached thereto.

#### MINUTES CORRECTED AND APPROVED.

The minutes of the meeting of June 10, 1913, being again taken under consideration, the following corrections were noted:

(1) To be inserted on page 259 immediately before the paragraph beginning, "At this point President James withdrew":

Mrs. Busey presented the matter concerning the University appropriation bill which was being considered before the Legislature, which was discussed at some length.

(2) To be inserted on page 259 immediately before the paragraph reading, "The board adjourned":

On motion of Mr. Moore, it was voted that the foregoing resolution be telegraphed to the members of the Appropriations Committees of both houses of the Forty-eighth General Assembly.

With these corrections; the minutes of June 10, 1913, were approved.

#### STENOGRAPHER TO BE EMPLOYED FOR BOARD MEETINGS.

On motion of Mrs. Busey, it was voted that the secretary be instructed to have a stenographer present at meetings of the board, until further notice. At this point Mr. Meeker withdrew.

Mrs. Busey also withdrew.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### AUTHORITY FOR DISPOSAL OF WORN-OUT EQUIPMENT.

(1) A recommendation from Dr. W. F. M. Goss, Dean of the College of Engineering, that the comptroller be authorized to sell or exchange certain portions of the shop equipment in the Department of Mechanical Engineering which in the opinion of the department are entirely obselete for purposes of instruction.

On motion of Mr. Trevett, it was voted that the comptroller be authorized to dispose of worn out equipment, apparatus, or furniture upon the recommendation of the head of the department concerned, approved by the Dean of the College. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mrs. Busey resumed her seat with the board.

#### SUPPORT OF ORCHESTRAL CONCERTS.

(2) A petition from Professor C. H. Mills, Director of the School of Music, signed by a large number of the faculty and others, that the trustees authorize a series of orchestral concerts, to be held in the Auditorium during the coming year at the expense of the University; it being believed that by making arrangements immediately three or four good orchestras like the Thomas Orchestra, the Minneapolis Symphony Orchestra, the Cincinnati Orchestra, the Damrosch Orchestra, and possibly others of the same class, may be brought to the University for one or more concerts; and that it may be possible by selling a season ticket which would admit to all of these concerts at the price of two dollars or two dollars and a half (with a special higher price for single admissions) to realize an income of between three thousand and thirty-five hundred dollars, and thus to offer from four to eight concerts for the benefit of the student body at a total cost to the University of not more than fifteen hundred dollars; this petition being accompanied by a recommendation that an appropriation of not to exceed five thousand dollars (\$5,000) for the purpose named therein be made.

On motion of Mr. Trevett, this recommendation was referred to the Committee on Students' Welfare, with power to act, and with authority to expend not more than five thousand dollars (\$5,000) for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### SITE OF PROPOSED NEW LIBRARY BUILDING.

(3) A letter from Mr. Clarence H. Blackall, Architect, of Boston, concerning the site of the proposed building for a general library of the University; accompanied by a memorandum in regard to the recommendation made with reference to this matter by a committee of the University Senate.

This letter from Mr. Blackall, with the accompanying memorandum, was received to be printed in the minutes; and the question of the site for the proposed new building was referred to the Committee on Library for report.

#### [LETTER FROM MR. BLACKALL.]

June 14, 1913.

MY DEAR DR. JAMES: The site which has been tentatively selected for the proposed general library of the University, a location with the north and south axis on the axis of Wright Street, and the east and west axis on the axis of the Armory, seems to me to be on the whole the best that could be selected for

such a building. In the natural course of development the transaction lines are bound to be profoundly modified, and it has always been my conviction that the above location seems nearer being the center of what will ultimately be the University development than any other one point, and the opportunities for north and south and east and west lines of transportation are here most excellent. I should hope that if this library is located in this manner, however, the cars will be entirely taken off the campus and carried across underneath in a subway.

Yours very truly,

C. H. BLACKALL.

President E. J. James, University of Illinois, Urbana, Ill.:

#### [MEMORANDUM CONCERNING RECOMMENDATION OF SENATE COMMITTEE.]

The University Senate on June 8, 1912, authorized the appointment of a special committee to consider the question of what ought to be done in the way of permanent provision for the University Library. Many different plans were suggested. One involved enlarging the present library, but this plan was definitely discarded by the committee as undesirable and inadequate. After long consideration the committee finely correct was certainly because.

discarded by the committee as undesirable and inadequate. After long consideration the committee finally agreed upon a site which should center north and south on Wright Stret extended and on the axis of the Armory on the west.

This site would permit the erection of a building ultimately 500 feet long, extending 250 feet each way from the center of Wright Street extended, and running back to the south around a court four or five hundred feet deep. Such a building could be erected in sections and could house in the first instance, if a sufficiently large block were erected, not only the University Library but the University Museum. By adding sections, additional library collections and music collections could be taken care of. Ultimately the library itself might occupy the entire site.

#### APPROPRIATION TOWARD Y, M, C, A, HAND BOOK.

(4) A request from the Young Men's Christian Association for an appropriation toward the publication of the Students' Handbook, issued by the association at the beginning of the school year; this handbook containing information of value to students, and a copy of it being sent before the opening of the year to each student who has indicated his intention to register in the University in the autumn; with the recommendation that an appropriation of two hundred fifty dollars (\$250) be made for this purpose.

On motion of Mr. Trevett, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mrs. Busey again withdrew.

# APPROPRIATION FOR THE MOVING OF THE HORTICULTURAL GREEN-HOUSES.

(5) A request from Mr. J. C. Blair, Professor of Horticulture, for immediate authority to remove the greenhouses now on the old horticultural field to the new site east of Mathews Avenue at an estimated cost of nine thousand dollars (\$9,000).

On motion of Mrs. Evans, this request was approved, and an appropriation of nine thousand dollars (\$9,000) was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

Mrs. Busey here again resumed her seat with the board.

#### FIXED CHARGE FOR THE USE OF THE AUDITORIUM FOR ENTER-TAINMENTS.

(6) A suggestion from Professor James M. White, Supervising Architect, that a charge of fifteen dollars (\$15) be made for all entertainments to be given in the Auditorium except those that are strictly University functions; this charge to cover heating, lighting, janitor service for ordinary cleaning, and police duty; an extra charge to be made where any exceptional arrangement for lighting effects, building of scenery, or arranging of platform is demanded; each organization to be advised of this charge at the time when the Council of Administration sanctions the giving of the entertainment, and to be required to present a receipt at the office of the supervising architect before the date for the use of the Auditorium is assigned; exceptions to this regulation to be permissible at the discretion of the Council of Administration.

On motion of Mr. Montgomery, this recommendation was approved.

#### FIXED CHARGE FOR USE OF THE ARMORY FOR DANCES.

(7) A further suggestion from Professor James M. White, Supervising Architect, that a charge of thirty dollars (\$30) be made for the use of the old Armory for dances and similar entertainments; this charge to cover lighting, heating, janitor service for ordinary cleaning, police duty, and the use of such palms and ferns as the supervising architect and the superintendent of grounds deem advisable; all extra work, such as wiring, decorating, special lighting effects, and the like, to be charged for in addition in proportion to the labor and material required required.

On motion of Mr. Montgomery, this recommendation also was approved.

# CO-OPERATIVE INVESTIGATION WITH THE ILLINOIS CANNERS' ASSO-CIATION CONTINUED,

(8) A letter from Mr. J. W. McCall, of Gibson City, President of the Illinois Canners' Association, stating that the association will contribute one thousand dollars (\$1,000) for the coming year toward the expense of a research carried on by the University, under the supervision of the Department of Bacteriology, into certain problems of the canning industry; with the following memorandum in regard to the history of this cooperative investigation, and recommendation in regard to its continuance:

In August 1911 (see minutes of September 18, 1911)

regard to its continuance:

In August, 1911 (see minutes of September 12, 1911), the Illinois Canners'
Association agreed to contribute one thousand dollars (\$1,000) per year for
three years toward such an investigation as is referred to above. This investigation was placed at first under the direction of Dr. Burrill; after his retirement,
under that of Professor Otto Rahn.

As very often happens, little seemed to come out of the research during the
first year. During the second year, however, Mr. Bronson Barlow, the research
assistant engaged on the work, struck an interesting and promising lead, which,
it is believed, will lead to results of very great value to the canning industry
of the world. of the world.

of the world.

Mr. Barlow is willing to continue to give all his time to this work for another year at a salary of fifteen hundred dollars (\$1,500). The additional expense of the investigation as estimated by Dr. Rahn is four hundred dollars (\$400), including seventy-five dollars (\$75) for materials, twenty-five dollars (\$25) for labor, two hundred dollars (\$200) for traveling expenses, and one hundred dollars (\$100) for incidentals. In other words the contribution of the Canners' Association will cover about half the expenses of the investigation. It is recommended that the sum of one thousand dollars (\$1,000) offered by the Illinois Canners' Association be accepted, and that the President of the University be authorized to appoint Mr. Bronson Barlow Assistant for Canning Investigations in the University for one year beginning July 1, 1913, at a salary of fifteen hundred dollars (\$1,500) for the year.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

# SUMMARY OF REPORT ON JOURNAL OF ENGLISH AND GERMANIC PHILOLOGY.

(9) A statement in regard to the condition of the Journal of English and Germanic Philology, including an abstract of the report of Mr. C. M. McConn, Business Manager of the Journal, for the year ending June 30, 1913.

This statement was received to be printed in the minutes:

\$2,623 69 \$1,326 18 1,297 51

\$2,623 69

# REPORT OF SUIT OF CHARLES W. SPALDING AGAINST THE UNIVER-SITY OF ILLINOIS, ET AL.

(10) A report from Dean O. A. Harker, Legal Counsel, of the suit brought by Mr. Charles W. Spalding, formerly treasurer of the University, against the University of Illinois  $et\ al.$ 

This report was received to be printed in the minutes:

President E. J. James, University of Illinois.

June 18, 1913.

Dear Sir: Some time ago you requested me to make a thorough investigation of all the facts and matters involved in the case brought by Charles W. Spalding against the University of Illinois et al, and report the same to you.

My time has been so occupied with other matters since receiving your request as to preclude a thorough investigation and report before this time.

I am now in possession of the data which will enable me to give you the following:

#### REPORT.

Some time during the year 1896 it was ascertained that Spalding was in default to the University of Illinois in the sum of \$549,006.42, as follows:

In endowment bonds	\$418,110 00
In endowment fund uninvested	38 602 91
In general fund	92,293 51

Making a total of ..... \$549,006 42

From the fund for operating expenses	\$ 48,116 13
From the fund for building purposes	
From the federal endowment fund and interest thereon	456,712 91

Making a total of...... \$549,632 29

Before then (14th of April, 1897), Spalding executed a deed of trust to the University to the following described personal property: 

1,000 00 1,000 00 5,000 00 6,500 00

Seven notes of N. W. and G. W. Graham, being for \$1,000, \$500, \$1,500, \$2,000, \$2,000, \$2,000 and \$4,000, respectively, all secured by a trust deed to Adello D. Avril, conveying electric light plant at Carbondale, Ill.; all said notes payable on demand; also secured by stock of said Electric Light Company, par value, \$25,000.

Five hundred shares of stock in the Pocatello Power and Irrigation Co., par

demand; also secured by stock of said meetre Light Conference of Five hundred shares of stock in the Pocatello Power and Irrigation Co., par value \$100 per share.

Two thousand three hundred ninety shares of stock in the Idaho Canal Co., par value \$100 per share.

In the deed of trust he authorized the University, its trustees, or attorneys, to demand and receive all the said property from any person in whose hands the same might be found, to compromise and discharge any of the obligations mentioned in such way as in its discretion it might see fit, and to take any steps or proceedings to realize from the property at such prices as its trustees or attorneys might elect; the proceeds of the same to be applied to the discharge of the indebtedness to the University. The deed of trust further provided that if there should be any surplus it should be paid over to Spalding.

Spalding also executed a deed of trust or mortgage to Francis M. McKay, the President of the Board of Trustees, to certain lands situated in the state of Idaho and to some encumbered real estate situated in Cook County, Illinois.

On the passage of the Act of June 11, 1897, for the reimbursement of the University for Spalding's defalcation, and in consideration thereof, the securities which had been turned over by Spalding and the deed of trust were transferred to a State commission, composed of the Governor, the State Treasurer and the State Auditor. After that the University regarded itself as relieved of any

responsibility for the collection of the securities or the sale of the lands. In fact, the State commission assumed complete control of the sale, and the whole matter was turned over to the Attorney General of the State. From the best information that I can obtain the Attorney General at that time, Howland J. Hamlin, took charge of the matter and made some collections.

charge of the matter and made some collections.

The valuations which had been placed on the securities were largely exaggerated. For instance, the notes against N. W. and G. W. Graham were not worth more than the Carbondale Electric Light Plant, the security for the notes. The Grahams were insolvent. While the electric light company's property was estimated at \$25,000, its true value did not exceed \$6,000. The bonds of the Pocatello Power and Irrigation Company and the shares of stock in these two companies were worth nothing like the values placed upon them. The irrigation company and the canal company were in hard lines financially, and the shares of stock were of but little, if any, value. There was no demand for the Idaho lands. For these reasons, doubtless, the matter was lost sight of by the State commission. In the mean time the real estate was sold for taxes. Notices were sent to the University by the purchasers at the tax sales and subsequently in suits to perfect title, and requests were made to the University to enter its appearance, disclaim or quit claim. As these notices were turned over to me from time to time by Professor Shattuck or Mr. Pillsbury, they were mailed to the office of the Attorney General at Springfield by me, with the statement that the University was not concerned in view of the legislation of 1897. Mr. Stead, the Attorney General, acted upon that assumption, and so the University has never been a served party to any litigation pending in the state of Idaho and has never authorized any attorney to enter its appearance. In fact, so far as I can ascertain, the University has never assumed an attitude of interest in the Idaho property since the creation of the State commission and the transfer of the securities and trust deed to it.

Spalding was sent to the penitentiary. Soon after his release he began suit

of the securities and trust deed to it.

Spalding was sent to the penitentiary. Soon after his release he began suit in the Superior Court of Cook County against the University for an accounting. Other parties were made defendants. The Attorney General and I appeared for the University and presented our contention that the University, by reason of the legislation of 1897 and the creation of the State commission and what followed, was not a party in interest. For some reason, presumably because Spalding did not at that time regard the University as liable, the bill was dismissed. That was several years ago. A few months ago Spalding began another suit for an accounting, in which he made the Board of Trustees, Francis M. McKay, Governor Yates, Auditor McCullough, Governor Deneen and the acting treasurer, and all other treasurers since the creation of the commission, parties defendant. The theory of the bill was that the securities and the real property turned over by Spalding to the University in 1897 were worth far more than the amount of the defalcation; that the University and McKay had been derelict in their duty in that collections were not made when they could have been made, and in that the real estate had been allowed to sell for taxes and title mature against it, in favor of the purchasers; and that the University and not the State commission was created and the securities turned over to it and had never consented to him, because he had not been a party to the transaction whereby the State commission was created and the securities turned over to it and had never consented to it. The contention made in his behalf was that the University could not shield itself by the legislation because so far as Spalding was concerned it violated two prominent provisions of the Constitution. One was that it University could not shield itself by the legislation because so far as Spalding was concerned it violated two prominent provisions of the Constitution. One was that it University could not shield itself by the legisl

While there is good ground for Spalding's contention from a legal point of view, I am satisfied that he could never recover a money decree. In no event could he receive a decree unless the property was worth more than his defalcation. From the best information that I have been able to obtain there has never been a day that all of the property covered by that instrument executed by Spalding would reach in value one-half of the defalcation. In fact, I am confident that the litigation was started with no other view than to secure a little "hush money."

I have had conferences from time to time with the Attorney General and his

I have had conferences from time to time with the Attorney General and his assistants concerning the matter. I have endeavored at all times to make clear the position of the University in these conferences as I have to the Governor. At a conference recently held in the Attorney General's office, at which he and three of his assistants were present, I expressed my opinion as above and opposed any character of a compromise; that is, I opposed it so far as the University is concerned. I also expressed the opinion (not in behalf of the University, however) that Mr. Spalding was entitled to nothing and that no compromise should be made with him. I did say, however, that I did not want it to be understood that the University was blocking or attempting to block any settlement. It was suggested that a conference be held with Spalding and his attorneys at Springfield on the Wednesday or Thursday of the week following that meeting, and when I left it was arranged that I should be called upon the telephone and notified when to come to Springfield and meet with them. It was not known whether their presence could be obtained on either of the two days mentioned. I remained in my office, or had some one remain in it, all of Tuesday and Wednesday of that week. I received no call. To my surprise I afterwards ascertained that his attorneys had met with representatives from the Attorney General's office, and that the terms of a compromise had been agreed upon which involved the payment of a much larger sum than had been considered or mentioned when I met the Attorney General and the three assistants on the occasion when it was discussed.

If the State commission has been overreached and the three has been paid out

If the State commission has been overreached and there has been paid out of the State treasury to Spalding or his attorneys any money without just claim upon the same, it should be distinctly understood that neither the University, its

president, nor its legal counsel has been a party to it or has in any wise consented to it or encouraged it.

Sincerely yours,

O. A. HARKER,

#### APPOINTMENT OF AN ASSISTANT PROFESSOR OF HISTORY.

(11) A request that authority be given to the President of the University to appoint Dr. Frederick Duncalf, now Adjunct Professor of History in the University of Texas, to be Assistant Professor of History in the University of Illinois, for a term of three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

On motion of Miss Watson, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### APPOINTMENT OF AN ASSOCIATE PROFESSOR OF HISTORY.

(12) A request that authority be given to the President of the University to appoint Dr. Albert Howe Lybyer, now Professor of History in Oberlin College, to be Associate Professor of History in the University of Illinois, at a salary of twenty-eight hundred dollars (\$2,800) per annum, beginning September 1, 1913.

On motion of Mr. Montgomery, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### DR. WASHBURN MADE PROFESSOR OF PHYSICAL CHEMISTRY.

(13) A recommendation that authority be given to the President of the University to appoint Dr. Edward Wight Washburn, now Assistant Professor of Physical Chemistry in the University of Illinois, to be Professor of Physical Chemistry, at a salary of thirty-five hundred dollars (\$3,500) per annum, beginning September 1, 1913.

On motion of Mrs. Evans, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

# NOTE AND INTEREST DUE, COLLEGE OF MEDICINE PROPERTY.

(14) The following statements and recommendation with reference to a note and interest due, being liabilities contracted by the College of Physicians and Surgeons of Chicago.

Surgeons of Chicago.

(a) A statement from Mr. F. P. Schreiber, Cashier of the Union Trust Company, Chicago, addressed to the College of Physicians and Surgeons, that a payment of ten thousand dollars (\$10,000) and the semi-annual interest on a seventy-six thousand dollars (\$76,000) loan amounting to nineteen hundred dollars (\$1,900), will become due and payable at the office of the said Trust Company on July 1, 1913; this being a loan made to the College of Physicians and Surgeons by the School Board of the city of Chicago.

(b) A further statement from Mr. E. J. Prescott, Secretary of the Chicago Savings Bank and Trust Company addressed to Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, that coupons on the bonds of the College of Physicians and Surgeons are due and payable on July 1, 1913, and in addition a charge of one-quarter of one per cent by the Chicago Savings Bank and Trust Company for paying the same.

The sums due July 1, 1913, therefore, if the above statements are correct, are as follows:

are as follows: are as follows:

Board of Education mortgage note

Semi-annual interest on the \$76,000 mortgage at 5 per cent......

Semi-annual interest on the \$60,000 mortgage bonds (on the old building) at 6 per cent interest.....

Commission to the bank for paying this interest.

Semi-annual interest on mortgage bonds on the old high school building, at 6 per cent 1,900 00 1,800 00 4 50

3.270 00

(c) A recommendation that the counsel of the University be authorized to pay the interest due on said mortgage and bonds, including the commission to the bank for paying interest, and that he be instructed to secure, if possible, an extension of the Board of Education mortgage note for ten thousand dollars for as long a term as may be feasible.

On motion of Mrs. Evans, it was voted that this recommendation be approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Miss Watson; no, Mr. Trevett; present but not voting, Mr. Moore; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### NEW LABORATORY FEES.

(15) A recommendation from the Council of Administration that the	follow-
ing new laboratory fees be established in the courses named:	
Chemistry 105a—Advanced Physiological Chemistry, per hour	\$2 00
Chemistry 107—Calorimetry (formerly \$10), per hour	2 00
Household Science 10—Household Management	2 00
Mechanical Engineering 32—M. E. Laboratory	1 50
Physics 18—Teachers' Course	2 00

On motion of Mr. Hoit, it was voted that new laboratory fees be established as recommended.

# DR. BLOOMFIELD MADE ASSISTANT PROFESSOR OF COMPARATIVE PHILOLOGY AND GERMAN.

(16) A recommendation that Dr. Leonard Bloomfield, at present Instructor in German, be appointed Assistant Professor of Comparative Philology and German, for a term of three years beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) per annum; and also that Dr. Bloomfield be granted leave of absence, without pay, for one year beginning September 1, 1913, for the purpose of European study.

On motion of Mr. Hoit, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### MAYPOLE PROCEEDS TO BE HELD IN TRUST.

(17) A request from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the University accept the money which is made at the annual Maypole dance, to be held in trust for the athletic interests of the women of the University, such money to be made payable to her order as Director of Physical Training for Women or to that of her successor in that office, subject to the approval of the President of the University.

On motion of Mrs. Evans, this request was approved.

#### REPORT OF PROPOSED BUDGET CLASSIFICATION.

(18) A report of a University committee on a proposed budget classification. On motion of Mrs. Evans, this report was referred to the Finance Committee for consideration and report.

# SALE OF A CERTIFICATE OF MICHIGAN STATE TELEPHONE COMPANY'S STOCK.

(19) A statement from Professor George E. Frazer, Comptroller, that the University owns Certificate No. 886 of the Michigan State Telephone Company, giving voting stock of the value of twenty-five dollars (\$25); and a request for authority to dispose of this certificate for cash, a reliable firm of brokers stating that it can be sold at or above par.

On motion of Mr. Montgomery, it was voted that the comptroller be authorized to sell this certificate of stock.

# SIGNING OF VOUCHERS TO BE SENT TO THE AUDITOR OF PUBLIC ACCOUNTS.

(20) The following letter from Professor George E. Frazer, Comptroller, with reference to the method of signing the University vouchers to be sent to the Auditor of Public Accounts:

President Edmund J. James, University of Illinois.

June 23, 1913.

DEAR SIR: Your attention is respectfully called to the fact that the University Appropriation Bill recently passed by the Legislature requires the presentation of individual vouchers to the Auditor of Public Accounts before warrants are drawn.

The law specifically requires that these vouchers must be "certified to by the President and Secretary of the Board of Trustees of the University of Illinois, with the corporate seal of the University attached thereto."

While in Springfield recently, I visited several State offices working under requirements similar to those referred to above. I discovered it to be a uniform practice in these offices for clerks to sign the names of those required by law to make official certificate on vouchers.

The number of University vouchers to be sent to the Auditor of Public Accounts will approximate three thousand per month. Because of the number of such youchers, and because of the practice in other State departments, referred to in the preceeding paragraph, I respectfully recommend that authority be given me to sign the names of the President and the Secretary of the Board of Trustees, and to attach the corporate seal of the University to such itemized vouchers as are by law subject to such proceedure.

Very truly yours,

Very truly yours, GEORGE E. FRAZER, Comptroller.

On motion of Mr. Montgomery, this recommendation of the comptroller was referred to the Finance Committee, with power to act.

# LETTER FROM THE COMMANDANT CONCERNING THE FLOORING OF THE ARMORY.

(21) A letter from Lieutenant Colonel B. C. Morse, Commandant, with reference to the flooring of the new Armory.

This letter was received to be printed in the minutes:

June 24, 1913.

The President, University of Illinois.

The President, University of Illinois.

Sir: In view of the appropriation soon to be available for building, I have the honor to request that such an amount be appropriated at once to extend the new Armory to its full length, to build the towers, and to floor, heat, and light the building, that it can be occupied for drill purposes not later than the arrival of unsettled weather this year or about November 1.

In regard to flooring the building, I beg leave to state that for the uses of the Military Department for drilling alone, men can drill on a soft floor as well as, or better than, on a hard one; but in case it was left soft, the floor would have to be made of some material that would not get muddy when wet and could never be used unless it was damp enough to keep the dust down. This would be a never ending and an almost impossible task, but would be absolutely necessary to save the clothing of the men drilling, and, still more important, to preserve the rifles and equipment to the value of \$30,000 that are stored there at all times. I sincerely believe that the use of the Armory with a dirt floor for drilling or athletics, with the arms stored in the main room, where they will have to be stored until the company rooms are completed, would soon result in their being ruined with dampness and dust. The rifles have always been kept in very good condition in the old Armory, as reported continuously by the War Department Inspectors, and it is desired that they continue to be kept in such condition.

Drill is always out of doors when possible, but the Armory is used from 4:00 to 6:00 P.M. on Mondays, Tuesdays, Wednesdays, and Thursdays each week from about November 15 to April 1 by about 400 men each day; this in addition to several sections in drill regulations held there during the week. At all these times the Armory could not be used by anybody else for any other purpose

Aside from its uses by the Military Department, it has always been my idea that the Armory was built to be used by the University for many things beside mere drilling during bad weather; uses that would often require a seating capacity and hence a floor.

and hence a floor.

To have a floor half dirt and half wood would be simply out of question. Such a floor would have all the disadvantages of both, combined with the advantages of neither. Men drilling immediately increase the cadence of the step in marching from a soft to a hard floor, and decrease the cadence in marching from a hard to a soft floor. It would ruin the drill. Every precaution against dust would have to be taken, and the wooden floor would be as dirty as the dirt part. After every consideration is weighed, for the uses of the Military Department, and the care of the arms and equipment, as well as for the general uses to which the building will be put, I am strongly of the opinion that the building should be floored with wood.

Furthermore, if the building is not so floored it will take with the

floored with wood.

Furthermore, if the building is not so floored, it will take, with the greatest care and precaution, but a short time to ruin the arms and equipment, for whose safe and careful keeping the University has given a bond to double their value.

Very respectfully,

B. C. Morse,

Lieut. Colonel, Infantry, Professor of

Military Science.

#### EMERGENCY APPOINTMENTS AUTHORIZED IN THE WATER SURVEY.

(22) The proposed budget of the Water Survey, drawn up by Professor Edward Bartow, Director of the Water Survey, on the supposition that the Governor will approve the item in the present omnibus bill now before him for consideration providing for additional duties for the Water Survey and for an

appropriation for that department; with the request that the President of the University be authorized to approve such items in the Water Survey Budget as must go into effect on July 1, 1913, provided the Governor signs the bill with the item for the Water Survey included.

On motion of Mr. Montgomery, this request was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mr. Moore withdrew.

#### DISCUSSION OF THE RULE IN REGARD TO THE EMPLOYMENT OF RELATIVES.

The question of the interpretation of the rule of the board in regard to the appointment of relatives having been raised by Mr. Trevett, Mr. Montgomery offered the following motion:

That the rule of the Board of Trustees with reference to the nonemployment of relatives be applied only to the immediate family, not to nephews and nieces or other members of the relationship outside of the immediate family.

In the discussion which followed, President James presented the following suggested resolution relating to this matter:

WHEREAS, It has been strongly urged upon the attention of the Board of Trustees of the University of Illinois that the rigid enforcement of the present rule concerning the appointment of relatives of members of the University staff to positions under the board may at times work serious injury to the University by excluding from its staff men of unusual distinction and merit or men especially well qualified for some particular piece of work in teaching, investigation or administration:

Therefore, be it voted:

1. That the board hereby reaffirms the rules already adopted.
2. That the President of the University, however, by way of exception, may feel free in unusual cases to make recommendations at variance with the above rules, provided:
a. That he call the attention of the Board of Trustees in the case of each individual recommendations to the processed description from the rules.

individual recommendation to the proposed departure from the rules.

b. That he state definitely concerning each recommendation of the kind that in his opinion the peculiar circumstances in the case justify the making of an exception to the rules.

On motion of Mrs. Evans, it was voted that both Mr. Montgomery's motion and the resolution suggested by President James be referred to a special committee, to be appointed by the Chair, for consideration in connection with any other suggestions that might be made, and for report.

#### MATTERS PRESENTED BY THE SUPERVISING ARCHITECT.

Prof. James M. White, Supervising Architect, presented the following matters for consideration:

### PLAN FOR EXTENSION OF HEAT, LIGHT, AND POWER PLANT.

(1) A plan for the extension of the heat, light and power plant and an extension of the system of water supply and drainage to the buildings south of the Auditorium; with a report in regard to this plan from a committee of the heads of departments of the College of Engineering, including Dean Goss, and Professors Berg, Richards, Schmidt and Talbot; also a request that an appropriation of fifty thousand dollars (\$50,000) be made at once for this purpose so that the construction work can be completed this fall.

On motion of Mr. Trevett, this plan, report, and request, were referred to the Committee on Buildings and Grounds, with power to act and to expend not to exceed fifty thousand dollars (\$50,000) for this purpose; the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

### REPORT ON REPAIRS IN BUILDINGS.

(2) A report on repairs which should be made in University buildings during the current summer, and a request for an appropriation of seventeen thousand sixty dollars (\$17,060) to cover the estimated cost of these repairs.

On motion of Mr. Hoit, this report and request were referred to the Committee on Buildings and Grounds, with power to act, and to expend not to exceed seventeen thousand sixty dollars (\$17,060) for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### REPORT ON IMPROVEMENTS OF BUILDINGS AND GROUNDS.

(3) A report with reference to a number of improvements both in buildings and on the grounds which it is deemed advisable to make, in addition to the repairs referred to in the preceding report, with a list of twenty-three such items recommended.

On motion of Mr. Montgomery, this report was referred to the Committee on Buildings and Grounds, for consideration and report.

#### APPROPRIATION FOR REPAIR OF BOILERS, COLLEGE OF MEDICINE.

(4) A request for an appropriation of two hundred dollars (\$200) for repairs on the boilers of the College of Medicine.

On motion of Mrs. Evans, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Miss Watson; noes, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### PAVEMENTS ADJOINING COLLEGE OF MEDICINE PROPERTY.

(5) A request for an appropriation of two hundred twenty-five dollars (\$225) for the laying of a cement walk on Harrison Street, Chicago, opposite the old building of the College of Medicine, this walk having been ordered by the city of Chicago; also a request that the supervising architect be authorized to protest against an order of the city of Chicago that a pavement be laid on Ogden Avenue on one side of the property of the College of Medicine.

It was voted that this appropriation of two hundred twenty-five dollars (\$225) be made as requested for laying the sidewalk on Harrison Street; and also that the supervising architect be authorized to enter a protest as suggested against the order that a sidewalk be laid on Ogden Avenue. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoit, Mr. Montgomery; noes, Mrs. Busey, Mr. Trevett; present but not voting, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

### PLAN FOR CAMPUS LIGHTING.

(6) A plan for lighting the campus as far south as the auditorium by means of underground cables and incandescent lights, the estimated cost of the installation being five thousand dollars (\$5,000).

This plan was referred to the Committee on Buildings and Grounds, for consideration and report.

#### PLAN FOR EXTENSION OF THE LIBRARY STACKS.

(7) A plan for the extension of the Library stacks.

This plan was referred to the Committee on Buildings and Grounds, for consideration and report.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS FOR THE TWELVE MONTHS ENDING JUNE 30, 1913.\*

#### RECEIPTS.

Balance July 1, 1912.       1. Interest on endowment fund and on land contracts.       \$ 32,464 34         Other United States grants.       79,552 19         State appropriations— <ul> <li>For buildings.</li> <li>246,500 00</li> <li>575,000 00</li> <li>For operating expenses</li> <li>575,000 00</li> </ul> For other special purposes       747,400 00         Student Fees—	\$ 607,488	81
Urbana       125,230 20         Chicago       37,757 01         Departmental sales       99,260 00         Interest on bank balances       22,784 70         Gifts       4,125 00         Trust funds       6,633 06         Miscellaneous       13,029 56	1,989,741	06
·	\$2,597,229	87
DISBURSEMENTS.		
Salaries       \$963,115       17         Labor       253,918       33         Buildings       515,514       22         Library       44,446       17         Departmental and general equipment       176,340       10         Office expense       51,802       33         Departmental expense       245,850       11         Trust funds       6,541       07         Interest—College of Medicine       15,053       03         Miscellaneous       44,224       55         Cash balance June 30, 1913	\$2,316,805 280.424	
Cash balance valle 30, 1310	\$2,597,229	
	φΔ,υ31,ΔΔ3	01

<sup>\*</sup> Compiled from "Report of the Comptroller for the Biennium ending June 30, 1913."

# WARRANTS FOR THE YEAR ENDING JUNE 30, 1913.

# GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amou
	1912.			
1	July 8	T. F. Jordan	Milk	\$33
2	do	R. T. Lumsden F. W. Taylor S. Herriott W. J. Collins	do	4
3	do	F. W. Taylor	do	9
4	do	S Harriott	do	3
ŝ	do	W I Colling	1 do	10
6	40	TT Wooden	do	27
9	do	H. Wascher	do	1 4
(	do	Lou Creiger	[ao	17
8	do	C. Ross	do	7
9	do	A.F. Dyson	do	9
10		Geo.Schiff	do	19
11	do	H. C. Kaufman	do	9
12	do	Len Rayburn	do	15
13	do	G. Reefstack	do	2
14		E. Grove.		9
15		E D C	J	
		E. P. Grove	1	10
16		H. Buhs	ao	1
17	do	L. P.Rayburn.	do	13
18	do	B. Jordan	do	14
19	do	C. J. Gillispie	do	16
20	_do	J. C. Anderson. Cora Stacker	do	10
21	do	Cora Stacker	do	10
22	do	Oils States J. B. Marsh J. M. Smith J. E. Haney H. M. Corray Frank Knox	do	1 7
23		J. D. Wat Sil		1 .6
23	ao	i. w. smitu	. αο	13
24	do	J. E. Haney	. do	30
25	do	H. M. Corray	. do	5
26	do	Frank Knox	. do	12
27		G. C. Gordon.	do	g
28	do	L. F. Lindsay	do	}
28 29	do	W. Davis		5
30		TT Descent	.do	19
	do	F. H. Busey		1 18
31	do	S. Grimm	. ao	10
32	do	John Englebrecht	. do <b></b>	10
33	do	S. Grimm. John Englebrecht. R. S. McInnes.	. do	7
34	do	Pearl Hazen	. do	15
35	do	John Godsell	do	1 8
36		D. S. Herriott.	do	14
37		Mrs. I. Ellrod		13
		F. W. Howell	do	1
90	qo	r. w. Howell	uo	
39	do	E. Armstrong	.	1
40	do	E. S. Hayes	.]do	10
41	do	E. S. Hayes. W. J. Wilson W. H. Frame.	. do	4
42	do	W. H. Frame	. do	14
. 43	do	11. H. Besore	.ldo	8
44	_do	W. F. Hampton	_do	1 8
45	do	W. F. Hampton T. M. Ghere	l do	20
46	do	H. Moorehouse	do	1 13
40	J	O W Tromps	uv	1 17
	do	C. W. Hamm		
48	do	J. F. Hoy J. C. V. Taylor.	( qo	1 1
49	do	J. C. V. Taylor	do	
50	1do	Geo. Herriott	. do	2
51	do	David Wilkins	. do	1
52	do	E. J. Percival	ldo	
53	do	E. R. Canady	do	1 :
54		W. D. Rohl	do	1
55 55		W O Wolch	do.	
	do	W. C. Welsh		1
56		Mrs. J. H. Rutan	.  <u>a</u> o	1 '
57	do	G. F. Desfenbach	. do:	
58	do	R. A. Lumsden	. do	
59	do	W. W. Meyer	. do	1 9
60	do	W. W. Meyer D. W. Shively	do	
61	40	Van Carter	do	
		A D Crindles	1 - do	
62	do	A. R. Grindley H. I. Nelson		1 1
63	do	I II. I. N 0180N	. I Q.O	1 4

_	Date.	To whom.	For what.	Amo
	1912.	G. M. Seeber. C. C. Gordon J. E. Henderson T. P. Lyon. C. C. Rayburn M. Hudson J. M. Herriott. A. G. Krukewitt G. H. Spencer M. Leigh H. Cherry J. B. Salliday A. G. Guard W. H. Webb Fred Thompson E. F. Lyons S. Atkinson John Cavanaugh W. E. Yount I. H. Gordon R. W. M. Count J. H. Gordon R. W. M. Count J. A. Koch T. A. McCracken C. Allen John Weiss Jes W. Smalley P. P. Dunn J. H. Schwengel E. W. Smalley P. P. Dunn J. M. Stickrod T. N. Burwash R. W. Graham R. Maggard John McCullough Jacquin & Co C. Hasler L. Hahn & Son Patek Bros Jas B. Clow & Sons English Brothers		
64	July 8	G. M. Seeber	Milk	\$
66		U. U. Gordon	do	1
67	do	J. E. Hellderson		[
88	do	C C Powhurn	do	{
RO	do	M Hudson	do	1
70	do	T M Warriott	1 do	1
71	do	A G Krijkowitt	do	
72	do	G H Spancar	do	1
73	do	M Laigh	do	1
74	do	H. Cherry	do	l
75	do	I. B. Sallidav	do	}
76	do	A. G. Guard	do	1
77	do	W. H. Webb.	do	1
78	do	Fred Thompson	do	ł
79	do	E. F. Lyons	do	1
80	do	S. Atkinson	do	1
81	do	John Cavanaugh	do	
32	do	W. E. Yount.	do	1
83	do	I. H. Gordon	do	1
34	do	R. W. McDaniels.	do	1
35	do	W. E. Leigh	do	l
36	do	J. A. R. Koch	do	1
37	do	T. A. McCracken	.,do	\$
38	do	C. Allen	do	1
39 I	do	John Weiss.	do	
90	do	O. A. McInnes	do	
91	do	G. Taylor	do	.]
92	do	Jas. Freeman.	do	1
93	do	J. H. Schwengel	do	
94	do	E. W. Smalley	do	-{
95	do	P. P. Dunn	do	-
96	do	J. M. Stickrod	do	
97	do	T. N. Burwash	do	- [
98	do	R. W. Graham	do	
99	qo	R. Maggard	[do	
ŬΩ	do	John McCullough	do	1
OT.	do	G Tagler	Paper	
ທຸ		T Trabe & Con	Harness, etc	1
O3	uo	Potok Bros	Doint	1
ひま	do	Tog R Clow & Song	Pine	١,
กล	do	English Brothers	Poyment on contract	10
07	do	A W Stoolman	do	10,
กั่	do	A. W. Stoolman	do	6
09	July 9	G. L. Koch	Hav	1 ",
10	do	A. A. Sphung	Laboratory specimens	1 1
11	July 10	J. H. Carter	Field expenses	] :
12	do	Orr Allyn	Expenses	.1
13	do	Dulau & Co., Ltd	Books	.1
14	do	Martin Dupray.	Salary, June 15-29, 1912	. 1
15	do	Librarian of Congress.	Printed cards	.1
16	do	John Crerar Library	Deposit on cards	
17	do	D. M. Crockett	Repairing	.1
18	do	L. E. Stoutenberg.	Pease	.
19	do	Olney Coal & Teaming Co	Coal	. [
20	do	G. Haster L. Hahn & Son. Patek Bros. Jas. B. Clow & Sons English Brothers A. W. Stoolman. A. W. Stoolman. G. L. Koch. A. A. Sphung. J. H. Carter. Orr Allyn. Dulau & Co., Ltd. Martin Dupray. Librarian of Congress. John Crear Library. D. M. Crockett. L. E. Stoutenberg. Olney Coal & Teaming Co. Spring Brothers. Jesse Jones Paper Box Co. F. A. Hawley. D. O. Barto. John Creavord H. E. Evans.	do. do. do. Paper Harness,etc. Plow. Paint Pipe. Payment on contract. do. do. Laboratory specimens. Field expenses Books. Salary, June 15-29, 1912. Printed cards. Deposit on cards. Repairing. Pease. Coal. Seeds. Boxes. Concrete work Expenses	-
$^{21}$	do	Jesse Jones Paper Box Co	Boxes	.1
22	do	F. A. Hawley	Concrete work	.  1,0
23	do	D. O. Barto	Expenses Expenses and services	·
$\frac{24}{25}$	do	John Crawford	Expenses and services	-1
25	do	H. E. Evans	Expenses	-
26 26	do	Leonard Hegnauer	Expensesdo	
27	do	Otto Harrassowitz	Books	-
28	do	C. M. McConn.	Expenses	-1
29	do	Nora Kervian	Salary April 20-June 30, 1912	-1
30	do	C. A. Campbell	Expenses Salary April 20-June 30, 1912 Expenses	-{
31	do	H. C. Gilkerson	do	1,0
$\frac{32}{32}$	ao	IF. D. Long	rieid expenses	- [
33	do	J. E. Readnimer	Expenses	-1
34	oo	J. O. Batto J. O. Batto H. E. Evans Leonard Hegnauer Otto Harrassowitz C. M. McConn Nora Kervian C. A. Campbell H. C. Gilkerson P. D. Long J. E. Readhimer C. C. Logan H. F. T. Fahrnkopf J. A. Rumer & Son F. C. Buser A. E. Morris J. E. Whitchurch A. L. Moats J. H. Smith J. F. Johnson	EXPENSESdofield expensesExpensesdododofield expensesExpensesField expensesField expenses	
35	ao	(H. F. T. Fanrnkopi		:1
36	on	D. O. Broom	Francisco	-1
37	Jdo	A. F. Mornis	Expenses	1 .
38	ao	A. E. MOITIS	Finance	-1 -
39	ao	J. E. Wnitchurch	ExpensesField expenses	- {
40 41	ao	A. L. MORIS	rieid expenses	:1
42	uo	J. F. DIIIIIII	.dodo	1
		10 A T A OUIUSOIL AA	. uv	- 1

э.	Date.	To whom.	For what.	Amou
	1912.	Alfred Bergren W. F. Handschin E. C. Schmidt F. M. Mann. OttoHarrassowitz A. F. Gustalson. R. Friedlander & Sohn. R. C. Kastler John Balcom V. Jobst & Sons. Otto Harrassowitz W. G. Stromquist C. H. Robinson. Vaughan McCaughey O. A. Arozian Alexander, Ward & Conover Louis Brandt Arthur Lumbrick Orr Allyn W. H. Galliher W. F. M. Goss Electric Coal Co. H. P. Corson Central Union Telephone Co. John Harp. Champaign & Urbana Water Co. Colorado Iron Works Co. Walrus Mfg. Co. McBeth & Dallas. Pantagraph Printing & Stationery Co. J. C. Allen 1913 Illio. Cunningham Brothers W. G. Griffith J. C. Thomas W. Lewis & Co. G. C. Willis Chas. Mollet. Walker & Mulliken W. W. Walls & Co. P. S. Campbell National Refrigerating & Butchers Supply Co. P. S. Campbell National Refrigerating & Butchers Supply Co. A. H. Barber Creamery Supply Co. 20th Century Press Clipping Bureau		
L43	July 10	Alfred Bergren	Field expenses	\$ 14 30
L44	do	W. F. Handschin	Expenses do do Books Expenses Books Expenses Expenses Books Expenses	30
145	linia II	E. C. Schmidt	00	131
140	uo	Ott o Torrossowitz	Rooks	103
148	do	A. F. Gustafson	Expenses	1 69
149	_do	R. Friedlander & Sohn	Books	99 7 23 23,375
150	July 12	R. C. Kastler	Expenses	l 7
151	do	John Balcom	do Payment on contract	23
152	do	V. Jobst & Sons	Payment on contract	23,375
153	do	Otto Harrassowitz	Books. Expenses	1 42
154	do	W. G. Stromquist	Expenses	35
LDD	July 13	C. H. Mills	do Lectures	9
100		C. F. Houes	do do	75 100
I E S	do	C H Dobinson	do Expenses and lectures	53
150 150	do	Vanghan McCanghay	Expenses and lectures Lecture. Wages, July 1–20, 1912. Steers. Drawings Expenses .do Field expenses Expenses Coal Expenses Expenses Service.	25
160	do	O. A. Arozian	Wages, July 1-20, 1912	25
161	July 15	Alexander, Ward & Conover	Steers	1, 271
162	do	Louis Brandt	Drawings	2
163	do	Arthur Lumbrick	Expenses	24
164	do	Orr Allyn	do	24 13
165	do	W. H. Galliher	Field expenses	138
166	do	W. F. M. Goss	Expenses	138 121
167	do	Electric Coal Co	[Coal	850
168	do	H. P. Corson	Expenses	1
169	do	Central Union Telephone Co	Service. Payment on contract. Permit.	146
170	July 16	John Harp	Payment on contract	246 37 247 226
171	ao	Champaign & Urbana Water Co	Permit.	3
172		Colorado Iron works Co	Fermit. Rolls. Furniture. Alfalfs seed. Printing. Expenses and negatives. Books. Drugs, etc. Seeds.	24
173		Walrus Mig. Co	Alfolfo good	120
174 175	do	Dentagraph Printing & Stationery Co.	Printing	132 128
170	do	T C Allen	Evnenger and negatives	81
177	do	1012 Tilio	Books	1 01
170	do	Cunningham Brothers	Drugs etc	1 1
170	do	W G Griffith	Seeds	23
180	do	I C Thomas	Hardware	-
181	do	W Lawis & Co	Dry goods	231 231
182	do	G. C. Willis	do	1
183	do	Chas. Mollet	Labor and materials	
184	do	Walker & Mulliken	Brigs, 6tc. Seeds. Hardware Dry goodsdo. Labor and materials. Furniture. Lamber	27
$\frac{185}{186}$	do	W. W. Walls & Co	Lumber	1 2
	L	Electric Co	Gas	456 43
$\frac{187}{188}$	July 17	P. S. Campbell National Refrigerating & Butchers Supply Co. A. H. Barber Creamery Supply Co. 20th Century Press Clipping Bureau Shavings & Sawdust Co Derrough & Co G. C. Gordon Henry Christlieb H. A. Haugan SenateLuncheon Committee Central Scientific Co. Creamery Package Mfg. Co Hardie Mfg. Co. Peter Gray & Sons Dryer & Burt Vaughan's Seed Store Stone Brothers Sturges & Burn Mfg. Co B. A. Strauch Spencer Lens Co. The Silver Mfg. Co C. C. Short P. D. Foster H. Mueller Mfg. Co B. R. Rickards Yesterlaid Egg Farms Co Tullos School W. O. Wilson G. A. McGahey S. E. Henly Lumber Co Hegenbart & Dickerson Co Shuck Hardware Co Sthuck Hardware Co H. A. Dreer	Printing	1
	١.	ply Co	Supplies Dairy Supplies Clippings	1
189	do	A. H. Barber Creamery Supply Co	Dairy Supplies	1. 1
190	do	20th Century Press Clipping Bureau	Chapings	9
191	qo	Shavings & Sawdust Co	Shavings Bottle Caps Corn	9
192	ao	Derrougn & Co	Corn	1 :
193		G. U. Gordon	do.	
10₽ 10₽	do	H A Hangan	doOffice expenses, etcLuncheon tickets	15
106 106	do	Senate Luncheon Committee	Luncheon tickets	10
197	do	Central Scientific Co	Apparatus. Can seals, etc. Bucket outfit. Trinware, etc. Oats.	150
198	do	Creamery Package Mfg. Co	Can seals, etc	[
199	do	Hardie Mfg. Co	Bucket outfit	
200	do	Peter Gray & Sons	Tinware, etc	. 0
201	do	Dryer & Burt	Oats Seeds Merchandise Cans Photography Microscope Apparatus Shoeing Labor and materials Hosefittings	. 5
202	do	Vaughan's Seed Store	Seeds	3
203	do	Stone Brothers	Merchandise	3
204	do	Sturges & Burn Mig. Co	Uans	39
205	do	B. A. Strauen	Microscope	1 2
20t	Jao	The Silver Mfg Co	Annaratus	180
207	do	C C Short	Shoeing	1 6' 16' 1
ムUと つれた	do	P D Foster	Labor and materials	, ,
210 210	do	H. Mueller Mfg. Co.	Hosefittings	i i
211 211	do	B. R. Rickards	Filing cabinet	1
219	do	Yesterlaid Egg Farms Co	Eggs	. 20
213	do	Tullos School	Copy holder	
214	do	W. O. Wilson	Hauling	.  :
21	do	G. A. McGahey	Seeds	.  -
216	do	S. E. Henley Lumber Co	Labor and materials Hosefittings Filing cabinet Eggs Copy holder Hauling Seeds Lumber	20
217	do	Hegenbart & Dickerson Co	Cleaner Hardware. Flower seeds, etc.	
41.		ICharola Trandarrana Co	Hardware	1 (
218	3 do  do	Shuck Hardware Co	771	

0.	Date.	To whom.	For what.	Amou
_	1912. July 17	Lewis Electric Supply Co. Hunter, Rourke & Co. T. F. Daly. W. J. Boehm J. T. Baker Chemical Co. Baker & Co., Inc. Baker & Co., Inc. Baker & Co., Inc. Baker & Go., Inc. Bacon Brothers. H. Swannell & Son. Woldenberg & Schaar Keuffel & Esser Co. Putnam-Page Co., Inc. F. A. Wilske Ward Leonard Electric Co. Hoskins Mfg. Co. International Acheson Graphite Co. The Cincinnati Milling Machine Co. Joseph Dixon Crucible Co. Crane Co. Builders Iron Foundry. Crosby Steam Gage & Valve Co. Chas. H. Besly & Co. Eastman Kodak Co. Tablet & Ticket Co. Electric Appliance Co John C. Moore Corporation B. Mercil & Sons Plating Co. Westerlin & Campbell Co. Harshaw, Fuller & Goodwin Co. Wm. Sellers & Co. Illinois Traction System G. E. Warner Dunbar Rowland-Dir Ideal Electric Co. Carlos B. Ellis, Treasurer The Boston Book Co. Bennett's Newspaper & Magazine Agency Chivers Book Binding Co. The National Conference of Charities. G. W. Sheldom & Co. The Rare Book Shop. G. E. Stechert & Co. The Slat Lake Hardware Co. The Narsh Electric Works The Babccok & Wilcox Co. A. D. Cook. Sabra Stevens. Florence R. Curtis. Ione Armstrong. Andrews Brothers.		
220	July 17	Lewis Electric Supply Co	Labor	\$ 12
221	do	Hunter, Rourke & Co	Lumber Crackers Apparatus Laboratory supplies	2
222	do	T. F. Daly	Crackers	16
223	do	W. J. DORHIII	Laboratory supplies	109
225	do	Roker & Co. Inc.	do	22
2261	do	Bacon Brothers	do	
227	do	H. Swannell & Son	Paint Drugs Laboratory supplies Tracing cloth Machine Repairing Rheostat Laboratory supplies Electrodes Engins	1
228	do	Woldenberg & Schaar	Laboratory supplies	22
229	do	Keuffel & Esser Co	Tracing cloth	14
230	do	Putnam-Page Co., Inc	Machine	60
231	do	F. A. Wilske	Repairing	
232	do	Ward Leonard Electric Co	Rheostat	39
233	do	International Ashagan Craphite Co	Electrodes	1 1
204	do	The Cincinneti Milling Machine Co	Panairs	15
236	do	Joseph Dixon Crucible Co	Repairs	1
237	_do	Crane Co.	Magnesia	{
238	do	Builders Iron Foundry	Laboratory apparatus	88
239	do	Crosby Steam Gage & Valve Co	Scales, etc	128
240	do	Chas. H. Besly & Co	Paint	{
241	do	Eastman Kodak Co	Magnesia. Laboratory apparatus. Scales, etc. Paint. Films.	\$ 1: 1: 1: 1: 2: 2: 1: 6: 6: 3: 3: 3: 3: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:
242	do	Tablet & Ticket Co	Labels Cable Cable Printing and binders Tubes and plates Steam guage Magnesite Plates Trolley supplies Books Books Wire, etc Books	
243	do	Electric Appliance Co	Caple	10
244	ao	John C. Moore Corporation	Tubes and plates	
245	do	Westerlin & Complett Co	Steem green	
240	00	Westernii & Campbell Co	Magnasita	2
242	do	Wm Sallars & Co	Platas	-
240	do	Illinois Traction System	Trolley supplies	
250	_do	G. E. Warner	Books	49
251	do	Dunbar Rowland-Dir	Books	
252	do	Ideal Electric Co.	Wire, etc	69
253	do	Carlos B. Ellis, Treasurer	Books	:
254	do	The Boston Book Co	Book	·
255	do	Bennett's Newspaper & Magazine Agency	Book. Subscriptions. Binding.	
256	do	Chivers Book Binding Co	Binding	5
257	do	The National Conference of Charities	Books	1
258	do	G. W. Sheldon & Co	Books. Entry fees, etc. Book.	:
259	do	The Rare Book Shop	Books.	95
261	do	The Slat Lake Hardware Co	A coay halanga	11
262	do	TheV. D. Anderson Co.	Steam tran	255 111 2 2
263	do	Bryan-Marsh Electric Works	Mazda lamps	1 2
264	do	The Babcock & Wilcox Co	Valve fittings	١.
265	do	A. D. Cook	Books Assay balance Steam trap Mazda lamps Valve fittings Cylinder Salary summer session	
266	do	Sabra Stevens	Salary summer session	8
267	do	Florence R. Curtis	do. do. Lumber Kainit.	17
268	do	Ione Armstrong.	do	17
269	do	Andrews Brothers	Lumber	31
4/0	ao	W P Wheeler	Lambar	20
279	uo	Oblong Lumber Co	Lumber etc	32
272	do	John Ruhm, Jr	Phosphate rock	21
274	do	The Crown Press	Halftones	"
275	do	Library Bureau	Furnitre, etc	11
276	do	R. F. Hildebrand	Photographs	
277	do	D. Van Nostrand Co	Book	
278	do	John Wiley & Sons	Books	5
79	do	International Press Clipping Bureau	Clippings	1
1085	inia 18	The Home Telephone Co	Rental	10
281	0	E II Swiggert	Pengiring pione	
202	00	Wm Hiv	Tahar and matarials	2
1000	uo	Illinois Traction System	Handling test car	2
285	do	E. C. Schmidt	Expenses	1
286	do	Whiting Paper Co	Paper	22 88 177 177 311 44 322 33 213 55 100 22 33 311 66
287	do	Garlock Packing Co.	Packing.	ĭ
288	do	Pittsburgh Meter Co	Disc	10
289	do	Western Electric Co	Oil and can	1
290	do	A. N. Marquis & Co	Book	1
291	do	H. W. Stewart	Expenses	11 11 5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.
292	do	A. F. Gustalson	do	5
293	do	E. E. HOSKINS	do	5.
294	on	J. W. Durbin	do	25
<b>⊿</b> ∀0	uo	Sabra Stevens. Florence R. Curtis. Lone Armstrong. Andrews Brothers German Kali Works. W. P. Wheeler. Oblong Lumber Co. John Ruhm, Jr. The Crown Press. Library Bureau. R. F. Hildebrand. D. Van Nostrand Co. John Wiley & Sons. International Press Clipping Bureau. The Home Telephone Co. The University Press. E. H. Swigert. Wm. Hix. Illinois Traction System. E. C. Schmidt. Whiting Paper Co. Garlock Packing Co. Pittsburgh Meter Co. Western Electric Co. A. N. Marquis & Co. H. W. Stewart. A. F. Gustafson. E. E. Hoskins. J. W. Durbin. G. M. Hinkley. J. T. Newsome. O. S. Fisher. H.C. Wheeler.	do	25 6 1 4
206I		· · · · · · · · · · · · · · · · · · ·		
296	do	O. S. Fisher	l do	1 4

0.	Date.	To whom.	For what.	Amou
	1912.			
299	July 18	J. E. Readhimer S. V. Holt. S. V. Holt. S. E. Huff & Co Reliable Plumbing & Heating Co. Central Electric Co. Percival Moorehead. The University of Illinois Supply Store. C. A. Hall Hardware Co. Saffell Co. J. B. Bennett. J. Terquem & Cie. The Alexander Lumber Co. Beardsley Hotel Co. Derrough & Co. Illinois State Reformatory. E. H. Sargent & Co. F. K. Robson. Bausch & Lomb Optical Co. John H. Doyle. Ernst Hertzberg & Sons. The Burr Co. Twin City Roofing & Sheet Meral Works. H. F. Chester.	Expenses	\$ 81
300	do	S. V. Holt.	do	125
301	do	S. E. Huff & Co.	Lumber, etc.	28
302	do	Reliable Plumbing & Heating Co	Labor and materials	88
303	do	Central Electric Co	Fans, switches, etc	46
304	do	Parcival Moorahaad	Hardwara atc	7
202	30	The Tinizereitz of Illinois Complet Stone	Office gupplies	36
อบอ อกล		C. A. Theil Transferred Co.	Tondersons ats	30
900	qo	C. A. Hall Hardware Co	nardware, etc	51
3U (	qo	ранен со		121
308	do	J. B. Bennett	Sewers, etc	29
309	do	J. Terquem & Cie	Books	94
310	do	The Alexander Lumber Co	Lumber, etc	70
311	do	Beardslev Hotel Co	Hotel bills	
312	do	Derrough & Co	Hardware, etc.	40
313	do	Illinois State Reformatory	Printing	210
314	do	E. H. Sargant & Co.	Laboratory supplies	89
215	do	E T Debesen	Dry goods oto	40
916		Danach & Lamb Oakial Ca	Microscope etc	40
210	[ao	Bausen & Lomb Optical Co	Microscope, etc	79
317	ao	John H. Doyle	Hardware, etc	1 7
318	do	Ernst Hertzberg & Sons	Bookbinding	56
319	do	The Burr Co	Foundry work	284
320	do	Twin City Roofing & Sheet Meral Works.	Copper, solder, etc	200
321	do	H. F. Chester	Drayage, etc	30
322				10
323	do	Alphons Custodis Chimney Construction	1	1
		Alphons Custodis Chimney Construction Co. Engineering News. International Magazine Co.	Payment on contract	40
324	do	Engineering Nowe	Advartising	10
		International Magazine C	Advertising. Book.	16
000	do	International Magazine Co	D00k	
320	qo	Inter-Ocean Oil Co	[Ωπ	15
327	do	Inter-Ocean Oil Co. W. W. Lindley, Postmaster. McKey & Poague, Agents.	Postage	50
328	do	McKey & Poague, Agents	Rent, July, 1912	500
329	July 20	J. C. Anderson	M11K	
330	do	Cora Stacker	do	1
221	do	II B March	do	) .
332	do	I. M. Smith	do	1
333	do	I E Haney	do	2
334	do	H M Correy	do	1 2
225	do	Front Znor	do	
990		J. M. Smith J. E. Haney H. M. Corray Frank Knox		1
000	ao	G. C. Gordon	. ao	
337	do	L. T. Lindsey	. do	
338	do	W. Davis	. do	1
339	do	F. H. Busey	. do	1
340	do	S. Guinn	do	
341	do	R. S. McInnes	do	} :
342	do	Pearl Hazen	do	2
343	do	John Godsell	do	1 -
344	do	D. S. Herriott	do	1
345	do	Wm Rayburn	do	
346	do	Mrs T Filrod		1
2/7	30	E W Howell	- do	1 1
210	uo	E C Tlore		
240	J40	T W Wilson		1
049 049	qo	J. VV. VV IISUII	.	1
จอบ	ao	vv. н. Frame	. ao	1
991	do	1. H. Besore	. qo	}
352	do	W. F. Hampton	.{do	
352	do	T. M. Ghere	. do	2
354	do	H. J. Morehouse.	do	2
355	do	C. W. Hamm	do	1 ~
356	do	J. C. V. Taylor	do	1
357	do	Geo. Heriott	do	9
352	do	David Wilkins	do	1 4
350	do	E I Parcivol	do	1
36V	do	Tohn McCullough	do	1
000 261	do	M Charry	do	1 1
OOL		T D Consider		1
002	do	L. L. Canady	. ao	1
203	ao	M. N. Koui	. ao	2
364	do	W. C. Welch	. do	
365	do	Flora Zeigler	. do	1 :
366	do	G. F. Diefenbach	. do	1
367	do	Jacob Zeigler	. do	î
368	do	R. A. Lumsden	ldo	1 -
360	do	W. W. Meyer	do	
270	do	D W Shiveley	do	
01U 271	40	Von Cortor	do	. 2
970		A D Crindles	do.	1
3/Z		II T Nolson	uu	
572	ao	J. E. Haney. H. M. Corray Frank Knox G. C. Gordon L. T. Lindsey. W. Davis F. H. Busey S. Guinn. R. S. McInnes Pearl Hazen. John Godsell D. S. Herriott Wm. Rayburn Mrs. I. Ellrod F. W. Howell E. S. Hays J. W. Wilson W. H. Frame I. H. Besore. W. F. Hampton T. M. Ghere. H. J. Morehouse C. W. Hamm J. C. V. Taylor Geo. Heriott David Wilkins E. J. Percival John McCullough M. Cherry E. R. Canady M. D. Rohl W. C. Welch Flora Zeigler G. F. A. Lumsden. W. W. Weyer D. W. Shiveley Van Card W. W. Weyer D. W. Shiveley Van Card Van Condon J. E. Henderson. G. M. Seeber C. C. Gordon J. E. Henderson.	. ao	
5/4	do	G. M. Seeder	. ao	j
<b>375</b>	do	U. U. Gordon	. go	1
			I do	11.5

о.	Date.	To whom.	For what.	Amou
	1912.	To whom.  T. P. Lyon C. C. Rayburn M. Hudson J. M. Herriott A. G. Krukewitt G. H. Spencer M. Leigh H. Cherry J. B. Salliday A. G. Guard G. W. Webb Fred Thompson O. W. Hampton E. F. Lyon S. Atkinson John Cavanaugh W. H. Gray W. E. Yount I. H. Gordon A. W. McDaniels W. E. Jeigh J. A. R. Koch T. A. McCracken C. Allen John Weiss O. A. McInnes G. Taylor Jas. Freeman J. H. Schwengel E. W. Smalley P. P. Dunn J. M. Stickrod T. N. Bruwash R. W. Grabam R. M. Grabam		
377	July 20	T. P. Lyon	Milk	1
378	do	W. Tradger	00	1
36U 918	do	T M Harriott	do	1
381	do	A G Krukewitt	do	1
382	.do	G. H. Spencer	do	
$38\bar{3}$	do	M. Leigh	do	
384	do	H. Cherry	do	١ :
385	do	J. B. Salliday	do	1:
386	do	A. G. Guard	do	:
387	do	G. W. Webb	do	1 :
388	do	Fred Thompson		· 3
389	do	U. W. Hampton	do	
บชอ เกาย		S Atkinson	do	
303	do	John Cayanangh	do	
202	do	W H Gray	do	
304	do	W. E. Yount	- do	13 10
395	do	I. H. Gordon	do	1.3
396	do	A. W. McDaniels	do	10
397	do	W. E. Leigh	do	[
98	do	J. A. R. Koch.	do	13 22 25 11
199	do	T. A. McCracken	do	
00	do	C. Allen	do	8
01	do	John Weiss	do	2:
02	do	O. A. McInnes	do	:
03	do	G. Taylor	do	
04	do	Jas. Freeman	do	
05	do	J. H. Schwengel		1
06	ao	E. W. Smalley	00	19
07	do	F. P. Dunn	do	0
08	00	J. M. SHCKFOOL	u0	2: 10 40 2: 10 2:
U9 10	do	D. W. Crohom	do	1/
11	uo	D Maggard	do	1
11	do	D T Lumedan	do	
12	uo	T F Tordan	do	4
14	do	F W Taylor	do	1
15	do	S Herriott	do	
16	do	J. W. Collins	do	10
17	do	H. Wascher	do	2
18	do	W. Gerdes	do	
19	do	Lou Creiger	do	11 10
20	do	C. Ross	do	10
21	do	A. F. Dyson	do	25
$^{22}$	do	Geo. Schiff	do	22
23	do	H. C. Kaufman	do	. 19
24	do	Len Rayburn		. 13
25	do	G. Reeistack	do	,
26		E. Grove	do	10
27		I. D. Dovrhum	do	1
20		R I Tordan	do	2
30	do	C. J. Gillespie	-do	9
31	do	J. F. Hov	do	2
32	July 22	J. M. Bell.	Expenses	į
33	do	O. A. Harker	do	94
34	do	Maud Parsons	do	11
35	do	Illinois State Penitentiary	Balance on furniture	1
36	do	F. A. Pearson	Expenses	58
37	do	W. W. Yapp	do	11 58 27 14 20
38	do	H. A. Hollister	do	14
39	do	C. A. Barnhart	aol	20
40	do	Gertrude E. Moulton	ao	
41	do	M. L. Lest	00	10
42	do	U. E. Lineparger	Pooles	1]
43	do	J. Terquem & Cle	Evnongog	10 11 37 64
44	do	r. w Gault	Labor	64
45		W. A. Beasley	Evnongog	45 35 95
46	July 23	A omo Horvestina Machina Co	Rinder	06 01
4/	uo	Controlia Gas & Electric Co	Coal tar	96
48	do	Road & White	Paner	
49	do	H McFaddan & Rros	Hav	94
51	do	J. F. Hoy. J. M. Bell. O. A. Harker Mand Parsons. Illinois State Penitentiary. F. A. Pearson. W. W. Yapp. H. A. Hollister C. A. Barnhart. Gertrude E. Moulton. M. L. Lest. C. E. Linebarger J. Terquem & Cie. F. W. Gault. W. A. Beasley. C. M. Young. Acme Harvesting Machine Co. Centralia Gas & Electric Co. Read & White. H. McFadden & Bros. The Alumni Quarterly. Underwood Typewriter Co. Keuffel & Esser Co. General Electric Co. E. S. Lake.	Allowance	7 4 24 20
55	do	Underwood Typewriter Co	Rental	- 3
55	do.	Keuffel & Esser Co.	Drawing paper.	240
54	do	General Electric Co	Voltmeter	240 10
		E C Lake	Wages Tune 1019	ž

## ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

0.	Date.	To whom.	For what.	Amou
	1912.			
456	July 23	The White Enamel Refrigerating Co W. W. Walls & Co	Furniture Lumber Pipe, etc. Fees. Horse shoeingdodo. Repairing Ribbons. Map. Supplies Washing Rubber stamps, etc. Slides Sand. Paint.	\$ 7 44
$\frac{457}{458}$	do	W. W. Walls & Co	Lumber	44
450	do	Johnson Brothers American Shorthorn Breeders Assn	Pipe, etc	77
460	do	American Shorthorn Breeders Assn. E. T. Benjamin. Campbell & Spalding H. F. Chester Frison Carriage Shop. J. Edward Quinn & Co. The Dixon News Co. Creamery Package Mfg. Co. Champaign Steam Laundry. Twin City Printing Co. B. A. Strauch R. A. Stipes. Western Roofing & Supply Co. Davey Tree Expert Co. Schermerhorn Bros. Co. Patek Bros.	Horse shoeing	17
461	do	Camphell & Spelding	do	2
462	do	H. F. Chester	.do	21
463	do	Frison Carriage Shop	Repairing	60
464	do	J. Edward Quinn & Co	Ribbons	1 8
465	do	The Dixon News Co	Map	3
466	do	Creamery Package Mfg. Co	Supplies	73
467	do	Champaign Steam Laundry	Washing.	45
460	do	Twin City Printing Co	Rubber stamps, etc	4
470		D. A. Strauen	Sings	
471	do	Western Poofing & Supply Co	Point	18
472	do	Dayey Tree Expert Co	Tree surgery	4
473	do	Schermerhorn Bros Co	Mons	41 36
474	do	Patek Bros	Varnish	15
475	do	Corbin Cabinet Lock Co. of Chicago	Kevs	13
476	do	Albert Wuestman	Stop watch	188 146 149
477	do	American Platinum Works	Platinum wire	188
478	do	E. H. Sargent & Co	Laboratory supplies	146
479	do	General Chemical Co	do	149
480	do	National Biscuit Co	Graham crackers	46
481	do	The Denver Fire Clay Co	Laboratory apparatus	46
102		R. A. Stipes. Western Roofing & Supply Co. Davey Tree Expert Co. Schermerhorn Bros. Co. Patek Bros. Corbin Cabinet Lock Co. of Chicago. Albert Wuestman. American Platinum Works. E. H. Sargent & Co. General Chemical Co. National Biscuit Co. The Denver Fire Clay Co. Hoffman & Kropff Chemical Co. International Harvester Co. Henry Kane. The Halls Safe Co. Sauveur & Boylston. The American Architect. J. G. Biddle. Fuller & Fuller Co. Plume & Atwood Mig. Co. Ludlow Valve Mig. Co. Swartz Electric Shop. The Standard Chemical Co. Manhattan Electrical Supply Co. Crane Co. Walker Vehicle Co. Illinois Electrical Mig. Co. Carbondale Printing Co. The Willis Music Co. Ernst Hertzberg & Son's American School of Home Economics Chivers Book Binding Co. Sturtevant mill Co. C. M. McConn. Western Valve Co. Green Engineering Co. Mills Electric Co. Jewell Belting Co. American Museum of Natural History. Sholl Brothers. John Armstrong Lime & Quarry Co. S. A. Connor & Sons. J. R. Somerville. Whitcomb & Barrows. Pittsburgh Meter Co. Lutiweller Pumping Engine Co. Sengbusch Selfclosing Inkstand Co. Flanigan-Pearson Co. J. H. Doyle. Derrough & Co. Champaign Seed Co. A. C. McClurg & Co. Contral Electric Co. Southern Illinois Penitentiary. J. C. Thomas. Lewis Electric Supply Co. Reliable Plumbing & Heating Co.	Slides Sand Paint Tree surgery Mops Varnish Keys Stop watch Platinum wire Laboratory supplies do Graham crackers Laboratory apparatus Laboratory supplies Twine Livery Vault front Laboratory apparatus Advertising Apparatus Mercury Brass tube Valve Lamps Paste Electrical supplies Electrical supplies Pipe Battery Labor and materials	1.
484	do	Harry Vone	Livery	7
485	do	The Helle Sefe Co	Vault front	6
486	do	Sauvaur & Boyleton	Laboratory apparatus	0
487	do	The American Architect	Advertising	2
486	do	J. G. Biddle	Apparatus	7
489	do	Fuller & Fuller Co	Mercury	48
490	do	Plume & Atwood Mfg. Co	Brass tube	2
491	do	Ludlow Valve Mfg. Co	Valve	4
492	do	Swartz Electric Shop	Lamps	
493	do	The Standard Chemical Co	Paste	:
494	do	Manhattan Electrical Supply Co	Electrical supplies	6
495	do	Crane Co	Pipe	6
490	ao	Walker Venicle Co	Battery. Labor and materials. Printing. Books. Book binding. Books.	35
400	ao	Corbondolo Printing Co	Drinting	79
499	do	The Willis Music Co	Books	1
500	do	Ernst Hertzberg & Son's	Book binding	9
501	do	American School of Home Economics	Books	10
502	do	Chivers Book Binding Co	do	1
503	do	Sturtevant Mill Co	Laboratory apparatus	27
504	do	C. M. McConn	Expenses	1.
205	do	Western Valve Co	Booksdo Laboratory apparatus Expenses Valves and discs Links and sprockets Switch Packings Slides Cistory account	10
507	00	Wills Electric Co	Links and sprockets	1.
500	uo	Mins Electric Co	Pookings	1 1
500	do	American Museum of Natural History	Slidge	1
510	do	Sholl Brothers	Cistern covers.	1 :
511	do	John Armstrong Lime & Quarry Co	Limestone. Concrete work. Field expenses.	8- 12
512	do	S. A. Connor & Sons	Concrete work.	1 8
$5\overline{13}$	do	J. R. Somerville	Field expenses	12
514	do	Whitcomb & Barrows	Charts	j
515	do	Pittsburgh Meter Co	Discs. Pistons.	1 7
516	do	Luitweiler Pumping Engine Co	Pistons	
517	do	Sengpusch Selfclosing Inkstand Co	Inkstands	3
518	do	Fianigan-Pearson Co	Inkstands Printing Hardware do Seeds, etc Boo's Hardware.  Labelle	1 3
919	ao	J. H. Doyle	maraware	3
501	o	Champaign Sood Co	Soods ata	2
522	do	A C McClurg & Co	Books	4
523	do	Chas. A. Hall Hardware Co	Hardware	7
524	- do	Tablet & Ticket Co.	Labels	3
525	do	Central Electric Co.	Fans	1 4
526	do	Southern Illinois Penitentiary	Fertilizer	î
527	do	J. C. Thomas.	Hardware, etc	į į
528	do	Lewis Electric Supply Co	Labor and materials	1 1 6
529	do	S. E. Huff & Co	Lumber	5 15
530	do	The Burr Co	Fans Fertilizer Hardware, etc Labor and materials Lumber Foundry work Labor and materials	15
531	do	Reliable Plumbing & Heating Co	Labor and materials	12
552	do	Knowiton & Bennett	Drugs, etc	9 5

0.	Date.	To whom.	For what.	Amou
	1912.	Whitall Tatum Co. Stipes & Hecker. Western Electric Co. Twin City Ice & Cold Storage Co. Saffell Co. Twin City Ice & Cold Storage Co. Saffell Co. Twin City Roofing & Sheet Metal Works J. W. Butler Paper Co. D. H. Lloyde. Leavitt Mig. Co. W. J. Boehm. Twin City Ice & Cold Storage Co. Flat Iron Store Co. H. Sydow. F. C. Lincoln. J. M. Webb. J. E. McDonald. H. E. Lauer. H. L. Stafford. M. L. Nebel. C. W. Smith. C. M. Young. O. S. Fisher. C. A. Campbell. H. C. Gilkerson. H. W. Stewart. Fred Mooney. J. J. Yoke. E. E. White. P. D. Long. F. C. Bauer. A. L. Moats. A. F. Gustafson. E. G. Leming. Automatic Electric Co. Silas Echols. The University Club of Urbana & Champaign. W. W. Lindley, Postmaster. G. W. Proncey.		
535	July 23	Whitall Tatum Co	Beakers and flasks	\$ 10 27 25 72 11 9 87 22 11 38 6 48
536	do	Stipes & Hecker	Sand and coment	27
537	do	Western Electric Co	Electric supplies	25
538	do	Twin City ice & Cold Storage Co	Tondyrone of	72
539		Twin City Poofing & Shoot Matel Works	Zine pine etc	11
54U	do	T W Butler Pener Co	Panar	87
542	do	D. H. Lloyde	Office supplies	22
543	do	Leavitt Mfg. Co.	Apparatus, etc.	11
544	do	W. J Boehm	Laboratory apparatus	38
545	do	Twin City Ice & Cold Storage Co	Ice	.6
546	do	Flat Iron Store Co	Dry goods, etc	48
547	do	[H. Sydow	Specimens	22
548	do	F. C. Lincoln	Expenses	37 35
549		J. M. Webb		30
550		H E Louer	do	78 52
559	do	H. L. Stafford	do	76
553	do	M. L. Nebel	do	79
554	do	C. W. Smith	do	78
555	do	C. M. Young	do	13
556	do	O. S. Fisher	do	76 78 78 13 177 34
557	do	C. A. Campbell	do	34
558	do	H. C. Gilkerson	do	38
559	do	H. W. SteWart	do	6
560	do	T T Yoka	00	
obl	Tuly 04	J. J. I OKO	Ditching	65 55 14 22 47
502	July 29	P D Long	Field expenses	5
564	do	F C Baner	Expenses	1 14
565	do	A. L. Moats	Field expenses	2
566	do	A. F. Gustafson	Expenses	4
567	do	E. G. Leming	Supplies	
568	do	Automatic Electric Co	Phones and supplies	40
569	July 25	Silas Echols	Expenses	1:
570	do	F. L. Hale	Field expenses	18
571	do	The University Club of Urbana & Cham-	To a hand a factor of the	
	3.	paign	Entertaining, etc	36 26: 1,500 82: 58 100
0/2 579	Tuly 26	C W Droper	Tologopa	1 50
57A	do 20	Decetur Bridge Co	Structural steel	1,00
575	July 27	O. E. Staples, Chief Clerk	Express	5
576	do	O. E. Staples, Chief Clerk	_do	80
577	do	O. E. Staples, Chief Clerk	Freight	100
578	do	O. E. Staples, Chief Clerk	Students' payroll	504 200
579	do	O. E. Staples, Chief Clerk	Sundry bills	200
580	do	W. H. Welker	Expenses	100 100 101 111
581	ao	H. C. Augustus	Rental	10
082		Zoo Northrup	Erronge	10
500 501	do	C' A Rowa	do	1
525	do	C. H. Spurgeon	Laboratory supplies	1
586	do	F. A. Hawley	Pipe trench	11 11
587	do	Martinus Nijhoff	Books	7
588	do	Simmel & Co	do	
589	do	Max Weg	do	143
590	do	Dulau & Co., Ltd	do	113 22 77 100 71 120
91		Ludwig Rosentnai	do	2
502		Trying Ving	Lectures	173
190 504	do	H'S Curtic	do	70
595	do	I. W. Durhin	Field expenses	10
596	do	W. A. Beasley	Mason Work	6
597	July 29	W. E. Seatree.	Professional services	159
598	do	J. A. Cooper	do	13
599	do	Monmouth Creamery Co	Butter	{
600	do	Spring Valley Creamery Co	do	1 1
601	do	W. F. Conway	Butter	:
002	on	L. K. Weckerly	00	•
604 003	ao	FOREST Creamery Co	uo.,	1 . 14
60F	uo	F T Waddiga	do	
600 808	uo	Wm Engelbrecht	do	}
607	do	W R Olinger	do	1
608	do	C. E. Mortensen	do	- 5
609	do	B. L. Holbrook	do	7
610	do	Silas Echols. F. L. Hale. The University Club of Urbana & Champaign. W. W. Lindley, Postmaster. C. W. Draper Decatur Bridge Co. O. E. Staples, Chief Clerk. W. H. Welker H. C. Augustus J. J. Brenner Zoe Northrup C. A. Rowe C. H. Spurgeon F. A. Hawley Martinus Nijhoff Simmel & Co. Max Weg. Dulau & Co., Ltd. Ludwig Rosenthal H. G. Paul Irving King. H. S. Curtis. J. W. Durbin. W. A. Beasley W. E. Seatree. J. A. Cooper. Monmouth Creamery Co. Spring Valley Creamery Co. Spring Valley Creamery Co. Spring Valley Creamery Co. O. W. Albright. F. J. Weddige. Wm. Engelbrecht. W. R. Oilnger. C. E. Mortensen. B. L. Holbrook. W. R. Meier. M. J. Lubner R. J. Spohn.	do	62 159 138 138 14 6 6 7 7
611	do	M. J. Lubner	do	(
410	l đo	R. J. Spohn	do	

0.	Date.	To whom.	For what.	Amou
	1912.	S. Grimm. G. H. Bost. H. E. Siegman Reno Equity Exchange. J. R. Newberry. G. J. Deardorf. F. Grimm. Dewitt Smith. Forest Glenn Creamery Co. M. E. Simonson. Chas. Fildes. Skinner & Kennedy Stationery Co. The Audit Co. of Ilinois. The Eagle White Lead Co. W. B. Gernert. Root Dairy Supply Co. DesMoines Tent & Awning Co. Otis Crane. F. A. Hawley. Balley Orchard Co. General Electric Co. Prairie State Phosphate Co. Galesburg Buggy Co. Schernekau Bros. J. E. Readhimer. J. S. Coffey. W. F. Handschin. J. W. Butler Paper Co. Stipes & Hecker. R. A. Stipes. Erker Bros. Optical Co. The W. W. Barnard Co. John Hefferman & Son. E. H. Sargent & Co. John Hefferman & Son. E. H. Sargent & Co. Bezzil Hollow Brick & Tile Co. Hoskins Mfg. Co. American-LaFrance Fire Engine Co. Ruebush-Elkins Co. The West Publishing Co. Callaghan & Co. J. T. Frequem & Co. G. C. Schemidt Chas. H. Besly & Co. Electric Applicance Co. Hoskins Mfg. Co. American-LaFrance Fire Engine Co. Ruebush-Elkins Co. The West Publishing Co. Callaghan & Co. J. T. Frequem & Co. G. B. Carpenter & Co. American Museum of Natural History. Bacon Brothers. Central Electric Co. Campbell & Spalding G. E. Stechert & Co. The F. T. Fahrnkopf A. F. Gustafson J. B. Bennett. G. C. F. A. Pearson. J. T. Baker Chemical Co. F. A. Flotter H. E. Go. H. F. Tr. Fahrnkopf A. F. Gustafson J. B. Bennett. G. E. Scheiert H. E. Go. H. F. Tr. Fahrnkopf A. F. Gustafson J. B. Bennett G. C. F. A. Pearson. J. T. Baker Chemical Co. F. A. Pearson. L. N. Wilson A. J. Gunderson L. N. Wilson A. L. A. Publishing Board		
613	July 29	S. Grimm	Butter	\$ 4
614	do	G. H. Bost	do	5 14
010	do	H. E. Siegman	do	14
617	uo	L D Novebound	do	4
618	do	J. R. Newberry	do	7 5 5 4
619	do	G I Doordorf	do	5
620	do	F. Grimm	-do	4
621	do	Dewitt Smith	do	5
622	do	Forest Glenn Creamery Co	do	4
623	do	M. E. Simonson	do	7 2
624	do	Chas. Fildes	do	
625	do	Skinner & Kennedy Stationery Co	Stationery	15
627	do	The Audit Co. of Illinois	Auditing accounts	191 207
628		The Eagle White Lead Co	White Lead	207
620	do	Post Deiry Supply Co	Cooler	207 33 20 15 627
630	do	DesMoines Tent & Awning Co	Stack-cover	20
631	do	Otis Crane	Services and expenses	15
632	do	F. A. Hawley	Concrete work	627
633	do	Bailey Orchard Co.	Beans	"2
634	do	General Electric Co	Electric apparatus	542
635	do	Prairie State Phosphate Co	Bags	34
636	do	Galesburg Buggy Co	Farm machinery	34 126
637	do	Schernekau Bros	Field expenses	43
638	do	J. E. Readhimer	Expenses	43 158
639	do	J. S. Coffey.	do	46
040	do	W. F. Handschin		32 149 23 61
640	July 30	J. W. Butler Paper Co	Paper	143
6/3	do	D A Stings	Gravel etc	20
644	do	Enkor Bros Ontical Co	Slidee	0,
645	do	The W W Bernard Co	Hover	1 2
646	do	Tohn W Stines	Tile and asphaltum	1/4
647	do	J. H. Rica Co	Glass	10
648	do	Woldenberg & Schaar	Laboratory supplies	339
649	do	J. T. Baker Chemical Co	do	9
650	do	John Hefferman & Son	Jars	10
651	do	E. H. Sargent & Co	Laboratory supplies	1, 266
652	do	E. O. Dillavou	Binder	115
653	do	Brazil Hollow Brick & Tile Co	Conduits	90
054	ao	E. C. Schmidt	Expenses	14 103 338 16 1, 266 115 90
000		Chas. H. Besiy & Co	Nine Coble	1
657	do	Headring Mfg. Co.	Flootrodes etc	40
658	do	A morigan La Franca Fira Engine Co	Hose and real	64 52 61
659	do	Rughish-Elkins Co	Books	0
660	do	The Wesco Supply Co.	Insulators	52
661	do	Dahlstrom Metallic Door Co	Metallic door	6.
662	do	T. H. Flood & Co	Books	90
663	do	T. L. Cole	do	90
664	do	West Publishing Co	Subscriptions	6
665	do	Callaghan & Co	Books	67 18
008	do	J. Terquem & Co	do	18
660	ao	G. B. Carpenter & Co	Clides	1 5
660	do	Recon Brothers	Glace ate	1 12
670	do	Cantral Electric Co	Fane	1 20
671	do	Comphell & Spalding	Horseshoeing	70
672	do	G. E. Stechert & Co.	Books	100
$67\overline{3}$	July 31	The Angler's Bait & Mfg. Co	Frogs	-3
674	do	H. F. T. Fahrnkopf	Expenses	28
675	do	A. F. Gustafson	ldo	79
676	do	J. B. Bennett	Drain and "L"	14
677	do	G. L. Peltier	Expenses	4
678	do	Н. Е. McNatt	do	1 4
679	do	Bacon Brothers	Paint, etc	1 4
680	do	Baker & Co., Inc.	W ITe	18 18 36 72 100 22 77 14 4 4 6 6 122 100 45
180	op	The Braun Corporation	Apparatus	128
600	oo	J. 1. Baker Unemical Co	Exponent	108
600		F. A. Fearson	EADOUSES	4
605		A lborono Stono Co	Tonk	90
600 600	do	Chicago Engineer Supply Co	Packing	91
687	do	O. S. Watkins	Expenses	30
688	do	W. A. Ruth	do	99
689	do	A. J. Gunderson	do	81 30 23 22 22
			Pools	1 2
690	do	L. N. Wilson		

o.	Date.	To whom.  L. Hammerer. Flanigan-Pearson Co The Chicago Live Stock World. The Crown press. Geo. Kubacki. Emerson-Brantingham Co. Peter Franke. W. F. Langelier. J. B. Clow & Sons. D. A. Abrams. C. C. Adams. R. M. Alden. C. W. Alvord. L. F. Anderson. S. O. Andros. G. F. Arps. W. C. Bagley. I. O. Baker. E. C. Bagley. I. O. Baker. E. C. Baldwin. C. W. Balke. J. T. Barrett. H. J. Barton. Edward Bartow. W. T. Bawden. W. S. Bayley. F. C. Becht. J. B. Beck. B. W. Benedict. E. J. Berg. A. V. Bleininger. B. H. Bode. E. L. Bogart. R. L. Borger. Morgan Brooks. N. C. Brooks. N. C. Brooks. J. M. Bryant. A. M. Buck. L. I. Burrest. H. V. Canter. A. P. Carman. D. H. Carnahan. F. W. Carpenter. C. R. Clark. T. A. C	For whom
	1912.		
692	July 31	L. Hammerer	Ewe
693	do	Flanigan-Pearson Co	Printing
594	do	The Chicago Live Stock World	Subscription
595	]do	The Crown press	Halitones
990 207	do	Emergen Brantingham Co	Spreader
30g	do	Pater Franka	Point
RODE	do	W F Langelier	Evnances
ነበስ ስስነ	do	I B Clow & Sone	Pine and lead
'n	do	D A Abrams	Salary July 1019
เบอ	do	C C Adams	do
กรี	do	D M Alden	do
'n4	do	ic W Alvord	do
05	do	T. F Anderson	do
กล	do	S O Andros	do
'n7	do	G. F. Arns	do
ก๋ร	do	W. C. Bagley	do
กด	do	I O Baker	do
10	do	E. C. Baldwin	do
Ίĭ	do	C. W. Balke.	do
12	do	J. T. Barrett	do
13	do	H. J. Barton	do
14	do	Edward Bartow	ldo
15	do	W. T. Bawden	do
16	do	W. S. Bayley	do
17	do	F. C. Becht.	do
18	do	J. B. Beck	do
19	do	B. W. Benedict	do
20	do	E. J. Berg	do
21	do	A. V. Bleininger	do
22	do	B. H. Bode	do
23	do	E. L. Bogart	do
24	do	R. L. Borger	do
25	do	Morgan Brooks	do
26	do	N. C. Brooks	do
27	do	J. M. Bryant	do
28	do	A. M. Buck	do
29	do	S. J. Buck	do
30	do	L. L. Burgess	do
31	do	T. J. Burrill	do
32	do	H. V. Canter	do
33	do	A. P. Carman	do
34	do	D. H. Carnahan	do
35	do	F. W. Carpenter	do
36	do	C. R. Clark	do
37	do	T. A. Clark	do
38	do	S. S. Colvin	do
39	do	H. P. Corson	do
40	do	A. R. Crathorne	do
41	do	Florence R. Curtis	do
42	do	K. S. Curtiss	do
43	do	A. H. Daniels	do
44	do	M. R. Day	do
45	ao	E. H. Decker	ao
40	qo	E. D. Downson	[ao
47	ao	E. R. Dewsnup	
18	qo	W. F. Dodd	ao
ŧΫ		D. A. Douge	
υŲ		F. A. W. Drury	00
01	uo	I C Dynoon	
UZ E		J. O. Dullcall	
20		M. I. Enger	uu
141	uo	T A Fairles	1uu
20		J. A. Paniee	uo
20	do	J. D. Floz Gerald II	uo
	uo	C. T. Flom	uo
O		T. W. Folgom	
18	uo	J. W. FOISUIII	uu
UU	uo	P. D. POULO	uo
UL		O. A. FOIDES	uo
02	ao	U. D. FOIG	
00	op	J. A. Frisk	ao
04	do	Edward Fulion	
00	uo	J. W. Garner	uv
00	uv	Inline Cookel	
66		G A Goodenough	
60	uv	W F M Cogg	uu
טט	uo	D C Coulding	uu
יחק		1. 17. 140HIGHIP	uv

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	To whom.	For what.	Amoun
	1912. July 31	E. B. Greene Frederick Green Tr. H. Grüld G. C. Habermeyer E. M. Halliday Paul Hanson O. A. Harker P. B. Hawk E. C. Hayes R. L. Henry Ralph Hilscher M. E. Hinds Jacob Hodnefield H. A. Hollister C. F. Hottes G. A. Huff Margaret Hutchins Helen Isham Edmund J. James C. E. Janvrin Alice Johnson Grimnell Jones H. S. V. Jones Emma R. Jutton J. B. Kaiser Margaret L. Kingsbury David Kinley C. T. Knipp Jakob Kunz E. J. Lake W. F. Langelier L. M. Larson P. B. Lauher O. E. Lessing O. A. Luetwiler Simon Litman Elizabeth Love E. B. Lytle David McFarland A. D. MacGillivrey		
771	July 31	E. B. Greene	Salary, July, 1912	\$ 187
772 773	do	Frederick Green	do	291
74	do	T. H. Gulla	,.do	120
5	do	F M Holliday	do	158
6	do	Paul Hanson	do	229
7	do	O A Harker	do	333
7	do	P. B. Hawk	.do	208
9	do	E. C. Haves	do	233
0	do	R. L. Henry	do	208
1	do	Ralph Hilscher	do	83
32	do	M. E. Hinds	do	40
3	do	Jacob Hodnefield	do	100
4	do do	H. A. Hollister	do	229
1	do	C. F. Hottes	do	208
7	do	G. A. Huff	do	250
7		Margaret Hutchins	00	100
8	do	Heien Isnam		1 000
n	do	C F January	do	1,000
ĭ	do	Alice Johnson	do	70
2	do	Grinnall Innas	do	125 141 158 229 333 208 208 83 40 100 229 208 1,000 75 75 70 125 133 100 100 75 500 208 208 208 208 1,000
3	do do	H. S. V. Jones	do	133
4	do	Emma R. Jutton	do	100
5	do	J. B. Kaiser	_do	100
6	do	Margaret L. Kingsburv	_do	75
7	do	David Kinley	_do	500
8	do do	C. T. Knipp	do	208
9	do	Jakob Kunz	do	208
0	do	E. J. Lake	do	150
1	do do do	W. F. Langelier	do	100
2	do	L. M. Larson	do	208 45 216
3	do	P. B. Lauher	do	45
4	do	O. E. Lessing	do	216
5	do	O. A. Luetwiler	do	200 166
ö	do do	Simon Litman	do	166
6	do	Elizabeth Love	do	199
3	do	E. B. Lytle	}do	166 55 133 133 208 333 150 133 208 50
,	do	David McFarland		100
1	uo	Engdonials W. Monn	00	200.
ò	do	F W Maranic	do	150
3	do	I M Mathaws	do	133
4	do	G. H. Mever	do	208
5	do	Irene Miche	do	50
3	do	G. A. Miller	do	250
7	do	H. W. Miller	do	150
8	do	W. S. Miller	do	125
9	do	C. H. Mills	do	208
ادِ	do	H. F. Moore	do	250 150 125 208 208
ᆡ	do	B. C. Morse	qo	48 250
겓	do	U. M. MOSS	do	250
셁	ao	Gertrude E. Moulton	ao	108 333 229 208 208 291 125 83 166 208 150
ائے	00	W. A. NOYES	do	333
ا۾	uo	W. A. Ululather	uo	229
낅	uo	F B Pains	do	200
اه	do	S W Parr	do	200
او	do	F. A. Patterson	do	125
ŏ	do	Adah Patton	do	83
ĭ	do	H. G. Paul	do	166
$\tilde{2}$	do	A. S. Pease	_do	208
3	do	J. N. Pomerov	do	150
4	do	Anna M. Price	do	110 333 291 150
5	do	C. R. Richards	do	333
6	do	N. C. Ricker	do	291
7	do	H. L. Rietz	do	150
8	do	W. S. Robertson	do	166
9	do	M. H. Robinson.	do	250 250
0	do	C. W. Rolfe	do	250
1	do	T. E. Savage	do	166
2	do	Olive F. Saxton	do	83
إر	qo	E. C. Schmidt	[ao	291
4	qo	W. F. Schultz	do	100
10	ao	G. F. SCHWARTZ	[ao	158
10	ao	F. W. SCOUL	00	250 166 83 291 166 158 183 166
	ao	O. A. Luetwiler Simon Litman Elizabeth Love E. B. Lytle David McFarland A. D. MacGillivray Frederick M. Mann F. W. Marquis J. M. Mathews G. H. Meyer Irene Miche G. A. Miller H. W. Miller W. S. Miller H. W. Miller W. S. Miller C. H. Mills H. F. Moore B. C. Morse C. M. Moss Gertrude E. Moulton W. A. Noyes W. A. Oldfather T. E. Oliver E. B. Paine S. W. Parr F. A. Patterson Adah Patton H. G. Paul A. S. Pease J. N. Pomeroy Anna M. Price C. R. Richards N. C. Ricker H. L. Rietz W. S. Robinson C. W. Rolfe T. E. Savage Oliver F. Saxton C. Schmidt W. F. Schultz G. F. Schwartz F. W. F. Schultz G. F. Schwartz F. W. Scymour S. W. Sothutz G. F. Schwartz F. W. Scymour S. W. Shattuck J. B. Shaw	00	216
o	do	D. W. Sharr	do	316 166
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Vo.	Date.	To whom.	For what.	Amou
	1912.	S. P. Sherman Frances Simpson. C. H. Sisam W. A. Slater. Adelle C. Smith. Frank Smith. G. M. Smith. J. E. Smith. J. E. Smith. J. M. Snodgrass. Joel Stebbins. H. H. Stock. W. G. Stromquist. R. T. Stull. A. H. Sutherland. A. N. Talbot. E. J. Townsend. David Varon. J. N. Vedder. C. G. Vernier. E. H. Waldo. H. B. Ward. A. R. Warnock. E. W. Washburn. F. R. Wason. N. A. Wells. N. A. Wells. N. A. Wells. N. A. Weston. J. M. Wormser. Ola M. Wyeth. T. D. Yensen. Jacob Zeitlin. Chas. Zeleny. Lilla M. Alexander. Wm. E. Alley. Winifred L. Amos Ethel Ash. E. Atkinson Mary Bledeyell.		
850	1912. July 31	S. P. Sherman	Salary, July, 1912	\$266
851	do	Frances Simpson	do	141 158 116
852	do	C. H. Sisam	do	158
853	do	W. A. Slater	do	116
854	do	Adelle C. Smith		55 208 125 125 175 208 333
850 856		C M Smith	00	105
857	do	T E Smith	do	1.25
858	do	I. M. Spodgrass	do	175
859	do	Joel Stebbins	do	208
860	do	H. H. Stock	do	333
861	do	W. G. Stromquist	do	100
862	do	R. T. Stull	do	333 100 183 150 333 312 208 110
863	do	A. H. Sutherland	do	150
864	do	A. N. Talbot	do	333
888		Dovid Voron	00	312
267	do	T N Voddor	do	110
868	do	C G Vernier	do	291
869	do	E. H. Waldo	do	166
870	do	H. B. Ward	do	166 333 125
871	do	A. R. Warnock	do	125
872	do	E. W. Washburn	do	166
873	do	F. R. Watson.	do	87 208
874	ao	N. A. Wells	do	208
875	ao	N. A. Weston		208 229 333 166 250 183
877	uv	J. M. WILLON	do.	100
878	do	P. T. Windsor	do	250
879	do	T M Wormser	do	183
880	do	Ola M. Wyeth	do	75
881	do	T. D. Yensen	do	75 100 125 208
882	do	Jacob Zeitlin	do	125
883	do	Chas. Zeleny	do	208
884	do	Lilla M. Alexander	do	60
885	do	Wm. E. Alley	do	85
886	do	Winifred L. Amos	do	65
887	qo	Etnel Ash	do	141
888	do	Many Plackwell	jdo	143
800	do	T. A Roice	do	108
891	do	Ethyl Bradley	do	50
892	do	Tabitha J. Broadhurst	`.do.	70
893	do	Ina M. Brown.	do	60
894	do	Sarah E. Bryan	do	60 85 65 50 141 50 108 50 60 60 38
895	do	Flora M. Case	do	38
896	do	Illa B. Chandler	do	50
897	do	Jennie A. Craig	do	75
800	ob	Lilla M. Alexander Wm E. Alley Winifred L. Amos Ethel Ash E. Atkinson. Mary Blackwell L. A. Boice Ethyl Bradley Tabitha J. Broadhurst. Ina M. Brown. Sarah E. Bryan. Flora M. Case. Illa B. Chandler Jennie A. Craig. C. C. Crawford H. E. Cunningham C. E. Dalton L. C. Demlow Edith Emigh. Frances M. Feind Viola C. Fraser Antionette Goetz. Mabel F. Griffith Nathaniel Hay Myrtle E. Heater Margaret Herdman Josie B. Houchens A. H. Hull J. E. Hutchings Gertrude Keoch J. H. Keley. Aurella Knapp A. R. Lee M. T. Lindsey Stella Lund Dessie B. McAllister C. M. McConn. Agnes McGurty L. Mae Manspeaker Mudel E. Menley Rudolf Meseck C. F. Miller Lloyd Morey L. A. Morrow F. W. Post	do	60 141 48 48 65 75 55 66 166 55 66 77 68
gnn	do	C E Delton	do	141
900	do	L. C. Demlow	do	4
902	do	Edith Emigh	do	6
903	do	Frances M. Feind.	do	78
904	do	Viola C. Fraser	do	55
905	do	Antionette Goetz	do	65
906	do	Mabel F. Griffith	do	60
907	do	Nathaniel Hay	do	166
908	do	Myrtie E. Heater	do	55
909	do	Margaret Herdman		65
910	do	JOSIE D. HOUCHERS	1u0	1 2
010	do	T E Hutchings	do	150
913	do	Gertrude Keoch	do	9
914	do	J. H. Kelley	1do	166
915	do	Aurella Knapp	do	55
916	do'.	A. R. Lee.	do	25 166 55
917	do	M. T. Lindsey	do	28
918	do	Stella Lund	do	55
919	do	Dessie B. McAllister	do	40
920	do	C. M. McConn	do	233
921	do	Agnes McGurty	do	28 56 40 233 70 83 50 66
922	do	L. Mae Manspeaker		83
923	on	Mauge E. Meneley	ao	50
924	ao	Kudon Meseck		70
920	do	Lloyd Morey	do	25
027	do	I. A. Morrow	do	85 166 75
			* * * * * * * * * * * * * * * * * * *	

Vo.	Date.	To whom.	For what.	Amou
	1912. July 31	Harriet L. Postelwait Mary H. Roberts. Nellie M. Robertson Rose E. Ryan. Mary Scanlan Anna L. Shepard T. J. Showers Sara M. Slater Bertram Smith Jessie A. Smith Mayme L. Smith. O. E. Staples Alfred Steitz E. T. Strong. Elizabeth A. Swift M. E. Thompson Mary Torrance G. P. Tuttle. Josephine A. Tyrrell L. J. Towne. Hazel B. Van Skiver Lida E. Voigt S. D. Wakkins B. L. Winchester H. T. Wyninger Jennie B. McMullen J. J. Johnson Marie Jester Eliza Hart Carmen F. Harnack Nora Kerwan Grace Maxwell Gertrude Johnson C. C. Logan F. H. Rankin J. J. Yoke W. H. Smith H. H. Mitchell W. F. Handschin J. L. Edmond D. O. Barto H. P. Rusk A. W. Nolan F. M. Simpson W. J. Fraser B. R. E. Brand N. W. Hepburn O. A. Keller W. T. Crandall H. E. McNatt R. S. Hulce J. P. Terry L. W. Bailey J. C. Blair J. W. Lioyd C. S. Crandal H. B. Dorner C. C. E. Durst A. H. Nehrling Louis Brandt Harriet Rinaker Charlotte Gibbs Nellie E. Goldthwaite Isabel Bevier E. Davenport		
929	July 31	Harriet L. Postelwait	Salary, July, 1912	\$ 50 70 50 50
930	do.,	Mary H. Roberts	do	70
931	do	Nellie M. Robertson	do	55
932	do	Rose E. Ryan	do	50
933	do	Mary Scanlan	do	50
934	do	Anna L. Shepard	do	80
935	do	T. J. Showers	do	80 12/ 50 70 100 6/ 150 7/ 9/ 9/ 12/ 8/
936	do	Sara M. Slater	do	50
937	do	Bertram Smith	do	1 70
938	ao	Jessie A. Smith	do	100
939	ao	Mayme L. Smith	ao	150
940	qo	O. E. Staples	do	150
941	ao	Allred Steitz	do	1 6
942	qo	E. T. Strong	do	100
943	ao	Elizabeth A. Swiit	ao	126
944		M. E. Thompson		ĺ
040	do	Mary Torrance		00
047	do	Tegenhine A. Durnell		1
047	do	T T Mayres	@0	154
040	1do	Hazal R Van Skivar	do	A S
050	do	Lide E. Veigt	do	55 83 45 156 65 83
051	do	S D Watking	do	6
952	do	R I. Winchester	do	2
953	do	H T Wyninger	do	25 55
954	do	Tannia R McMullan	do	l Ai
955	do	T T Johnson	do	40
956	do	Maria Tastar	do	40
957	do	Eliza Hart	do	30
958	do	Cormon F Hornock	do	50
959	do	Nora Karwan	do	38
960	do	Grace Maxwell	do	78 58 150
961	do	Gertrude Johnson	do	5
962	do	C. C. Logan	do	150
963	do	F. H. Rankin	oh.	250 41
964	do	I. J. Yoke	do	4
965	do	W. H. Smith	do	100
966	do	H. H. Mitchell	do	12.
967	do	W. F. Handschin	do	100 125 150 166
968	do	J. L. Edmond	do	160
969	do	D. O. Barto	do	160
970	do	H. P. Rusk	do	178
971	do	A. W. Nolan	do	176 177 200 100 250 208 150
972	do	F. M. Simpson	do	100
973	do	W. J. Fraser	do	250
974	do	B. R. Richards	do	208
975	do	R. E. Brand	do	150
976	do	N. W. Hepburn	do	178
977	do	O. A. Keller	do	8
978	do	W. T. Crandall	do	128
979	do	H. E. McNatt	do	12: 12: 12: 12: 8:
980	do	R. S. Hulce	do	8
981	do	J. P. Terry	···áo····	75 150
982	do	ь. w. Baney	ao	150 410
983	do	J. C. Blair.	[ao	410
984	do	J. W. LIOYO	do	266 291 200 128
980	00	U. B. Crandali	00	29.
000	uo	G. F. Darret		19
90/	uo	A U Nobrling	uo	10
000	uo	Louis Brondt	uu	128
0001	uo	Horrist Dinoler	uu	19
990	uo	Charlotta Gibbs	do	12 12
991	uo	Nallia E. Goldthweite	do	150
002	uo	Teahal Raviar	uv	150 208 500
904	do	E Davannort	do	50
005	uo	D. McIntosh	do	200
908	do	W I. Burlison	do	1 10
997	do	C. G. Honkins		500 208 100 416 266 250 250 250
998	do	T G Mosiar	do	26
999	do	L. H. Smith	do	25
1000	do	I. H. Pattit	do	250
1001	40	Harriet Rinaker. Charlotte Gibbs. Nellie E. Goldthwaite Isabel Bevier E. Davenport D. McIntosh W. L. Burlison C. G. Hopkins J. G. Mosier L. H. Smith J. H. Pettit Leonard Hegnauer A. F. Gustafson O. S. Fisher E. M. McDonald C. O. Reed H. W. Stewart F. C. Bauer	do	250
1002	do	A F Guetafean	do	150
1003	do	O. S. Fisher	do	12!
1004	do	E. M. McDonald	do	125 100
1005	do	C. O. Reed	-do	50
		TT TIT CLaure of	A.	125 100
1006	do	H. W. SIEWSTI		

Vo.	Date.	H. W. Mumford H. S. Grindley W. C Coffey L. D. Hall Wm. Dietrich Arthur Lumbrick W. B. Gernert J. B. Park W. L. Gaines Helena M. Pincomb A. J. Gunderson W. A. Ruth O. S. Watkins L. E. Foglesong J. E. Whitchurch W. H. Sachs F. A. Fisher Gertrude Niederman J. P. Aumer E. Van Alstine P. E. Karraker H. C. Wheeler S. V. Holt F. M. W. Wascher E. E. Hoskins F. W. Garrett W. R. Leighty J. T. Flohill J. E. Reachimer B. E. Powell Leonora Perry Bessie Packard Grace Linder A. O. Magnuson C. R. Sinclair Thomas Peel Della Rogers Mildred Hoskins Calvin White Mary C. Barry Pearl W. Ashton W. E. Britton Laura Fisher F. C. Hare A. L. Prickett Nerl Hough Evalen Grace Linder A. I. Prickett Nathon W. E. Britton Laura Fisher F. C. Hare A. I. Prickett Nellie Roberts F. S. Stroheker Marie Hubbard G. F. Sutherland Chester Crain D. L. Geyer C. E. Myers N. D. Talbot S. Adelaide Fleming Chas. Chapman Wm. Hough Evalena Bowen Lawrence Engle Fred Fieg Wm. Kelley John McNutt T. E. Madison Ralph Morray Harrison Noecker Ed Myers E. C. Terhune Chs. Rodes A. J. Stoneburner L. Utterback H. D. Rose A. J. Stoneburner L. Utterback H. D. Rose A. J. Stoneburner L. Utterback H. D. Rose A. J. Stoneburner L. Utterback H. D. Conley	For what.	Amou
	1912. July 31			,
1008	July 31	H. W. Mumford	Salary, July, 1912	\$416 141
1009	do	H. S. Grindley	do	141
1010	do	W.C Coffey	do	225
1010	do	W. District	do	225 225 200
1012	do	WID. Dietrich	do	200
1010	do	W B Cornert		125 100 125 150
1015	do	B. Park	do	100
1016	do	W. L. Gaines	do	150
1017	do	Helena M. Pincomb.	do	133 60 100 150
1018	do	A. J. Gunderson.	do	60
1019	do	W. A. Ruth	do	100
L020	do	O. S. Watkins	do	150
1021	do	L. E. Foglesong	do	83
1022	do	J. E. Whitchurch	do	125 100 70
1023	do	W. H. Sachs	do	100
ししるま	do	Control o Niedonasa	do	70
1020 1096	do	T D Annor		83 125 150
1020	do	F. Von Aletino	do	125
1028	do	P. E. Karraker	do	150   70
029	do	H. C. Wheeler	do	195
1030	do	S. V. Holt.	do	125 125 70
1031	do	F. M. W. Wascher.	do	70
1032	do	E. E. Hoskins.	do	125
1033	do	F. W. Garrett	do	70
034	do	W.R. Leighty	do	100
1035	do	J. T. Flohill	do	70 125 70 100 200 191 75 75 75 80
1036	do	J. E. Readhimer	do	200
1037	do	B. E. Powell	do	191
1038	do	Leonora Perry	do	75
1039	do	Bessie Packard	do	75
1040	do	Grace Linder		75
1043	do	C D Singlein	wages, July, 1912	80
1042	do	Thomas Paol		50 25 9
1044	do	Dalla Romare	do	95
1045	do	Mildred Hoskins	do	20
1046	do	Calvin White	do	26
1047	do	Mary C. Barry	do	36 34
1048	do	Pearl W. Ashton	do	34
1049	do	W. E. Britton.	_do	28
L050	do	Laura Fisher	do	7
L051	do	F. C. Hare	do	37 43
L052	do	A. L. Prickett	do	43
1053	do	Nellie Roberts	do	21 18
1054	do	F. S. Stroheker.	do	18
LUSS	do	Marie Hubbard	do	24 17
1055	do	G. F. Sutherland	do	37
1057	do	D. I. Corror		31
1050	do	C E Myare	ao	11
กลก	do	N D Telhot	do	6 11 42
061	do	S Adelaide Fleming	do	9
062	do	Chas. Chanman	do	45
063	do	Wm. Hough	do	83
.064	do	Evalena Bowen	do	65
.065	do	Lawrence Engle	do	50
.066	do	Fred Fieg	do	38 47
067	do	Wm. Kelley.	do	47
.068	do	John McNutt:	do	45
069	do	T. E. Madison	[do	47
.070	do	Raiph Morray	do	45 35
.071	do	Harrison Noecker	ao	35
072	ao	EQ Myers	[ao	45
073	00	Chea Dedgers	ao	. 43
074		T F Thomas	ao	55 45
.010 076	uo	C C Cov	do	65
077	do	Fred Mooney	do	47
1072	do	Gen Nogle	do	47 . 70
1070	do	M. D. Rose	do	52
เดิรก	do	A. J. Stoneburner	do	45
1081	do	L. Utterback	do	50 60 50
1082	do	H. H. Wheeler	_do	60
1083	do	Ruth Burt	do	50
1084	do	Robert Cook	do	45
1085	do	T. P. Crawford.	do	47
			1. 2	

No.	Date.	To whom.	For what.	Amou
	1912. July 31	Jesse Cook Harold Dial E. H. Dobbins W. J. Engle H. Poor Margaret C. Foss Mabel Halliday Ralph Hillis. Elmer Jenkins. Winifred McIntosh Earl Meenach C. B. Sayre. Frank Barrett J. V. Stevenson R. R. Snapp Edgar Herman Elmer Roberts Andrew Tornquist Olive G. Reid Chas. Reisner K. A. McCaskill R. Augustus Vara Beyer A. Raut. G. R. Brooks Florence Stoutzenberg Louis Eschanzier W. L. Harry H. A. Ruehe Augusta D. Evans R. C. Glover A. L. Whiting H. N. Parker W. C. Carr Jas. Brown G. B. Brown G. B. Brown G. B. Brown G. B. Brown Roy Argo Lucy M. Barto Asa Demman H. H. Bartells Verna Manley F. A. Kirknatrick	,	
1087	July 31	Jesse Cook	Wages, July, 1912	\$ 46
1088	do	Harold Dial	do	47 45
1089	do	E. H. Dobbins	do	45
1001	do	W.J. Engle	do	60 50
1002	do	Margaret C. Foce	do	17
1092	do	Mahal Halliday	do	50 55 10
1094	do	Ralph Hillis	do	50
1095	do	Elmer Jenkins.	do	55
1096	do	Winifred McIntosh	do	10
1097	do	Earl Meenach	do	55 35
1098	do	C. B. Sayre.	do	35
1099	do	Frank Barrett	do	40
1100	do	J. V. Stevenson	do	50 22 21
1100	do	R. R. Snapp.	do	22
1102	do	Elmar Dobarta	do	60
1100		Andrew Tomowist	do	75
1105	do	Olivo G Poid	do	75 50
1106	do	Chas Raignar	do	99
1107	do	K A McCaskill	do	28
1108	do	R. Augustus	do	22
1109	do	Vara Bever.	_do	25 28 22 55 25
1110	do	A. Raut	_do	2
1111	do	G. R. Brooks.	do	50
1112	do	Florence Stoutzenberg	do	50
1113	do	Louis Eschanzier	do	50 50
1114	do	W. L. Harry	do	83
1115	do	H. A. Ruehe	do	101
1116	do	Augusta D. Evans	do	88 101 70 60
1117	do	R. C. Glover	do	60
1118	do	A. L. Whiting	do	34
1119	ao	H. N. Parker	do	150 45 50 75 50
1120	ao	W. C. Carr		46
1121	ao,	Jas. Brown.		1 20
1102		Down Amon		1 6
1120		Tuon M Borto	do	90
1125	do	Asa Danman	do	69
1126	do	H H Rertalle	do	53
1127	do	Verna Manley	do	31
1128	do	F. A. Kirkpatrick	do	31
1129	do	V. H. Cartwright	do	29
1130	do	R. T. Stull	do	100 100 42 28
1131	do	R. K. Hursh	do	100
1132	do	H. P. Ottman	do	42
1133	do	W. H. Sellards	do	28
1134	do	Paul Davis	do	38 65
1135	do	Orr Allyn	do	65
1136	ao	W. T. Craig.	do	88
1120 1131		W. T. Poppett	do	83 70 60 48
115U TT9Q	uo	R D Weller	do	00
1140	do	H M Millizon	do	41
1141	do	W W Rash	do	40
1142	do	Will Patterson	do	40 48 50
1143	do	Alpha Tornguist	_do	50
1144	do	E.M. Clark	do	47
1145	do	H. E. Crouch.	do	100
1146	do	F. A. Pearson	do	78
1147	do	C. K. Snelling	do	78
1148	do	Loretta White	do	60
1149	do	Ruah Loveless	'do	50
1150	do	E. M. Clark	.;do	75 100 75 75 60 50
1151	do	W.w.Yapp	do	38 50
1152	do	K. U. Kastler	ao	50
1123	ao	John Balcom		50 65
1154	qo	Earl Garver		65
1155	ao	A. W. FISCHER.		83 75 65 45
1157	ao	A T Trunger	do	l at
1150	uo	Tillian Smith	do	1 00
1150	uo	Etta Parry	do	55
1160	do	Ethel Sharn	do	32
1161	do	H. B. Ketzle	do	12
1162	. do	O. W. Van Petten.	_do	35 125 27
1163	do	Roy Argo. Lucy M. Barto. Asa Denman. H. H. Bartells. Verna Manley. F. A. Kirkpatrick. V. H. Cartwright. R. T. Stull. R. K. Hursh. H. P. Ottman. W. H. Sellards. Paul Davis. Orr Allyn. W. T. Craig. L. A. Hunter. W. L. Bennett. B. D. Walker. H. M. Millizen. W. W. Rash. Will Patterson. Alpha Tornquist. E. M. Clark. H. E. Crouch. F. A. Pearson. C. K. Snelling. Loretta White. Runh Loveless. E. M. Clark. W. W. Pischer. Lorn Balcom. Earl Garver. A. W. Fischer. Cornelius Stocker. A. F. Krueger. Lillian Smith. Etta Perry. Ethel Sharp. H. B. Ketzle. O. W. Van Petten. S. A. Rowland. B. L. Bowling. H. H. Dunn.	do	13
	3	R T. Rowling	do	70
I Ina				

To.	Date.	To whom.	For what.	Amou
	1912.	Bertha G. States W. Peters J. A. Wilson L. S. Baldwin F. A. Kopf. J. M. Duncan G. A. Radenbaugh D. L. Scroggin F. G. Willson H. G. Hake W. S. Goodspeed Burt Hays T. N. Jones G. L. Peltier F. W. Muncie Jas. Hutchinson Harry Pritchard Ralph Pritchard Ralph Pritchard Hazel Rhoads G. Donohue L. Donohue L. Donohue L. Donohue L. Donohue R. W. Seese Jas. Boswell Frank Burton Pearley Cunningham Louie Frizzell W. R. Hall Ralph Chaplin Claude Harrolle Rose Hegenbart T. F. Wallace C. L. Ellis Edward Berbaum J. C. Anderson Alice Reed Flora M. Sims Marion B. Gallaher J. T. Newsome Mary Millar Freda O. Stricklan Emma L. Custer J. R. Kelley W. A. McIntire Hugh Kelley John Woodard C. E. Wheelock E. F. Torgerson Melvin Thomas V. P. Smith R. S. Smith R. S. Smith R. S. Smith R. S. Gentle R. W. Dickinson C. C. Chapman C. C. Campbell J. L. Cilkerson F. W. Gault H. F. T. Fahrnkopf C. C. Chapman C. A. Campbell J. L. Coffee C. Minney Ralph Engle G. H. Cole O. Kerche Daniel Vaubel H. C. Case Harold Mount J. S. Minnes Ray Milors Ray Milors Roy Mount L. Ensminger Ray McAdams		
1166	July 31	Bertha G. States	Wages, July, 1912	\$ 50
1167	do	W. Peters	do	24
1168	do	J. A. Wilson	do	10
1169	do	L. S. Baldwin	do	13
1170	do	F. A. Kopf	do	23
1171	do	J. M. Duncan	do	6
1172	do	G. A. Radenbaugh	do	77
1173	do	D. L. Scroggin	do	45
1174	do	F. G. Willson	do	100
1175	do	H. G. Hake	do	100
1176	do	W. S. Goodspeed	do	83
1177	do	Burt Hays	do	63
1178	do	T. N. Jones	do	75
1179	do	G. L. Peltier	do	83
1180	do	F. W. Muncie	do	89
1181	do	Jas. Hutchinson	do	75
1182	do	Harry Pritchard	do	60
1183	do	Ralph Pritchard	do	55
1184	do	Hazel Rhoads	do	55
1185	do	G. Donohue	do	45
1186	do	L. Donohue	do	50
187	do	R. W. Seese	do	50
1188	do	Jas. Boswell	do	28
189	do	Frank Burton	do	12
190	do	Pearley Cunningham	do	25
1191	do	Louie Frizzell	do	40
192	do	W. R. Hall.	do	45
L193	do	Ralph Chaplin	do	60
1194	do	Claude Harrolle	do	40
1195	do	Rose Hegenbart	do	75
1196	do	T. F. Wallace	do	59
1197	do	C. L. Ellis.	do	56 60
1198	do	Edward Berbaum	do	60
1199	do	J. C. Anderson	do	65
1200	do	Alice Reed	do	50
1201	do	Flora M. Sims	do	83
1202	do	Marion B. Gallaher.	do	40
1203	do	J. T. Newsome	do	83 40 60
1204	do	Mary Millar	do	65
1205	do	Freda O. Stricklan	do	65 70
1206	do	Emma L. Custer	do	70
1207	do	J. R. Kelley	do	52 50
1208	do	W. A. McIntire	do	50
1209	do	Hugh Kelley	do	14
1210	do	John Woodard	do	60
1211	do	C. E. Wheelock	do	60
1212	do	E. F. Torgerson	do	42
1213	do	Melvin Thomas	do	65
1214	do	V. P. Smith	do	45
1215	do	R. S. Smith	do	45
1216	do	G. E. Gentle	do	52
1217	do	R. W. Dickinson	do	70
1218	do	C. L. Munroe.	do	50 50
1219	do	O. I. Ellis	do	50
1220	do	John Lankford	do	60
1221	do	G. M. Hinkley	do	50
1222	do	H. C. Gilkerson	do	50
1223	do	F. W. Gault	do	80 50
1224	do	H. F. T. Fahrnkopf	do	50
1225	do	C. C. Chapman	do	83 60
1226	do	C. A. Campbell	do	60
1227	do	J. L. Coffey	do	71
L228	do	Ralph Engle	do	53
1229	do	G. H. Cole	do	22
L230	do	O. Kercher	do	43
1231	do	Daniel Vaubel	do	22 117
1232	do	H.C. Case	do	117
1233	do	Harold Mount	do	10
1234	do	J. S. Milnes	do	70
1235	do	Roy Mount	do	50
1236	do	Roy Mount. Elizabeth Pulling.	do	55
1237	do	E. L. Ensminger	do	60
1238	do	Ray McAdams	do:	20
1239	ao	J. R. Wells	ao	34
1240	do	C. Scholl.	do	60
1241	do	C. Scholl. A. Baumbartner.	do	74
1242	11.do	C. A. Denman	1d0	105
1243	do	Lou Donohue. Frank Lester.	do	71
			1 1-	75

No.	Date.	To whom.	For what.	Amour
	1912.			
1245	July 31		Wages, July, 1912	\$ 74
1246	do	O. P. Smith	do	61
1247	do	Mary M. Moss. D. J. Vaubel. R. S. Potter. Theodore Frison. Kenneth Brown.	do	46
1248	do	D. J. Vaubel	do	39
1250	do	Theodore Frigor	do	40 30
1251	do	Kenneth Brown	do	45
1252		E. E. Fiero.	do	35
1952	do.	IF D Dibble	do	91
1254	do	F. Adams	do	1
1255	do	C. E. Arrington	do	60
1256	do	W. M. Atwell	do	61
1257	do	J. E. Bailey	do	60
1258	do	R. W. Baldwin	do	56
1209	do	Welton Bindgell	do	20 69
1261	do	Geo Rover	do •	59
1262	do	John Brannagan	do	69
1263	do	Basil Brown	.do	60
1264	do	Harry Brown	do	60
1265	do	D. M. Bullock.	do	53
1266	do	Thos. Butler	do	53
1267	do	John Ceduskey	do	53
1268	do	F. Adams C. E. Arrington W. M. Atwell J. E. Bailey R. W. Baldwin Wm. Beacher Walter Birdzell Geo. Boyer John Brannagan Basil Brown Harry Brown D. M. Bullock Thos. Butler John Ceduskey Jos. Davis Pete Davis T. J. Fay. Fred Fender Louis Fender Louis Fender J. J. Fiscus	do	66
1269	do	T T For	do	73 90
1270	do	Frad Fander	uo	68
1272	do	Louis Fender	do	58
1273	do	I I Fiscus	do	52
1274	do	Guy Fox.	do	76
1275	do	J. J. Fiscus Guy Fox C. Y. Freeman	do	55
1276	ao	John Garman W. H. Graybeal	do	41
1277	do	W. H. Graybeal	do	60
1278	do	Sell Hamlin	do	52
1279	do	C. H. Haven	do	95
1280	do	T. O. Henderson	do	98
1281	do	D. R. Hull		10 54
1002	do	Ross Hutton	do	47
1284		P. S. Jeffers Margaret Jones	do	
1285	do	E. W. Justus	_do	108
1286	do	J. A. J. Kleim.	do	61
1287	do	Margaret Jones. E. W. Justus. J. A. J. Kleim. A. Langhoff. Fred Langhoff. Wm. Langhoff. Wm. Langhoff. E. C. Lewis. A. C. Litton	do	81
1288	do	Fred Langhoff	do	55
1289	do	Wm. Langhoff	do	51
$1290 \\ 1291$	do	W m. Leach	do	78 58
1291	do	A. C. Litton	do	58
1202	do	Thos Long	do	65
1294	do	A. J. McAlister	do	71
1295	do	Frances E. McClughen	do	41
1296	do	Jas. McCullough	do	57
1297	do	H. H. Mahorney	do	62
1298	do	A. C. Litton. Thos. Long A. J. McAlister Frances E. McClughen Jas. McCullough H. H. Mahorney O. E. Meenach	do	56
1299	1uo			1 00
1300	do	C. M. Miller Uriah Moreland	00	40
1301	do	Pobogo Morgon	do	56
1302	1	Rebecca Morgan Elizabeth R. Muhleman	do	9.4
1304	do	Ruthe E. Murphey	do	52
	do	Brizabeth R. Murheman Ruthe E. Murphey M. W. Murphey Jesse Myers J. R. Newton Jacob Nikolaus	do	91
1306	do	Jesse Myers	do	56
1307	do	J. R. Newton	do	71
1308	3 do	Jacob Nikolaus	do	. 60
1309				
1310	اdo	Wm. Quinn H. L. Řennaker		66
131.	ydo	H. L. Kennaker	00	93
		Ed. Richards		
131	do	W. J. Smith	do	110
131	dodo	D. C. Sprinkle	do	44
131	6!do	Frank Stateler	.   : . d0	.1 62
131	7 do	I. F. Tillotson.	do	62
131	8 do	I. F. Tillotson. Geo. Toy	do	. 56
131	91do	Geo. Turner	l .do	.1 57
132	UIao	Henry Turner	.   <b> ClO</b>	.1 50
132	i do	A. Warmbier Ed. Wharmby		. 63
132	4 ao	La. wnarmoy		57
	01(10	Wm. Wilde	. ao	.  90

No.	Date.	Wm. Templin V. R. Barnes F. Crathorne. Frank Fogarty Wm. Fogarty Wm. Fogarty Samuel Hanson Edward Hargan W. G. Hixon Jas. Irvine. Frank Irvine. Arthur Moran Louis Pro John Snyder B. L. Reed P. F. Meharry F. Cunningham Ethyl E. Bradley Ralph Kelley E. L. Ross Wesley Wilson Harry Higgins Wm. Wascher H. F. Gonnerman Walter Pollitt. Robert Pergande Marie Gordon B. L. Morehouse J. B. Hickey Alice V. Hamilton Jas. Branagan Ralph Kelley B. F. Taber R. G. Greg G. E. Wright A. J. Booker M. C. Booher M.	For what.	Amou
	1912. July 31	:		
1324	July 31	Wm. Templin	Wages, July, 1912	\$ 72 90
1325	do	V. R. Barnes	do	90
1326	do	F. Crathorne	do	78
1327	do	Frank Fogarty	do	5
1328	qo	wm. rogarty	do	54
1329	do	Samuel Hanson	do	6.
1330	do	Edward Hargan.,	do	59
1331	αο	W. G. Hixon	qo	49
1002	ao	Jas. Irvine	ao	55
1000	do	Frank irvine	do	65
1004	ao	Arthur Moran	do	6
1000	do	Louis Pro	do	5
1000		John Snyder		5
1337	ao	B. L. Reed	do	13
1338	ao	P. F. Menarry	Rent of norse	16
1339	do	F. Cunningham	Teaming, etc	18
1340	do	Etnyl E. Bradley	Wages, July, 1912	2
1341	do	Raiph Kelley	do	36
1342	do	E. L. Ross	do	. 79
1343	do	Wesley Wilson	do	9
1344	do	Harry Higgins	do	68
1345	do	Wm. Wascher	do	18- 18- 2' 30 79 66 66
1346	do	H. F. Gonnerman	do	100 5: 8:
1347	do	Walter Pollitt	do	5
1348	do	Robert Pergande	do	8
1349	do	Marie Gordon	do	4
1350	do	B. L. Morehouse	do	8 3
1351	do	J. B. Hickey	do	3
1352	do	Alice V. Hamilton	do	3
1353	do	Jas. Brannagan	do	5
1354	do	Ralph Kelley	do	2
1355	do	B. F. Taher	do	3 5 22 6 20 10 7 8
1356	do	R S Grego	do	2
1357	do	G E Wright	do	10
1250	do	A T Rooker	40	7
1320		M C Booker	40	
106V		Howard Downing		
1961	do	C A Dynasth	00	0
1001	ao	T. F. Manager	00	9
1002	ao	Monion E. Connelle	ao	9
1303	ao	Marion E. Sparks	ao	3
1004	ao	Chag Till	00	9
1900	qo	Ullas, Hill	ao	9: 9: 9: 9:
1900	ao	John Miller	ao	9
1367	ao	S. A. Porter	do	9
1368	ao	J. H. vangiventer	do	9
1369	ao	Ames wright	do	9
1370	do	waiter Jones	do	9
1371	do	W. H. Clark	do	9
1372	do	F. Cagann	do	4
1373	do	Hugn Hobart	do	3
1374	do	Paul Utterback	do	2
1375	do	Lucue Needham	do	1
1376	do	L. B. Gilbert	do	4
1377	do	H. A. Gate	do	1.
1378	do	E. A. Schwing	do	3 2 1 4 1 2
1379	do	W. M. Taylor	do	5
1380	do	F. B. Richardson	do	2
1381	do	Gordon Klein	do	1
1382	do	T. W. Dieckmann	do	4
1383	do	C. M. Young	do	9
1384	do	W. E. Joseph	June 14 to July 31, 1912	18
1385	do	Allie Lamb	Wages, July, 1912	4
1386	do	Mabel M. Wright	do	18' 4' 4' 4'
13871	do	Anna B. Crackel	do	3
1388	do	J. S. Clark	do	9
1389	do.	H. J. Cooprider	do	4
1390	do.	J. C. Fiscus	do	41 81 91 4-
1391	do.	E. L. Throp	do	9
1392	do	Arthur Turner	do	4
1303	do.	L. A. Triggs	do	ı î
1394	do.	J. J. Herbert	do	5
1305	do	Albon Bevis	do	14
1306	do	Elizabeth Pfeffer	Salary July, 1912	5
1307	uo	Maria Jastar	Balance salary July 1012	ا
1500		Corman F Hornook	do	148 148 50 150
1900	uo	D F Howa	Solory cummer session 1019	15
TOAA	uo	C. W. Soors	do	100
		G. W. DUMIS	uv	250 75
1400		C II Doolron	do ·	951

0.	Date.	To whom.	For what.	Amo
	1912.			
403	1912. July 31	A. F. Coutant. H. B. Ward E. C. Hayes K. F. Geiser S. H. Anderson L. T. Jones O. H. Smith W. F. Schulz C. T. Knipp Verna Brooks L. G. Hana C. H. Mills S. P. Farwell C. E. Noerenberg N. E. Ensign J. M. Duncan D. L. Scroggin S. A. Rowland W. W. Denton C. A. Barnhart G. E. Carscallen G. E. Carscallen G. E. Wahlin A. Emch.	Salary, summer session, 1912	\$ 7 ,30 30 32 10 15 15
404	do	H. B. Ward	do	,30
105	do	E. C. Hayes	do	30
400 407		K. F. Gelser	do	32
±ሀ / 1በዩ	do	T. T Tongs	do	15
409	do	O H Smith	do	15
410	do	W. F. Schulz	do	22
411	do	C. T. Knipp	do	22
412	do	Verna Brooks	do	20
413	do	L. G. Hana	do	20 20 30
414	do	C. H. Mills	do	30
415	do	S. P. Farwell	do	15 15 15
416	do	C. E. Noerenberg	do	15
417	do	N. E. Ensign	do	15
418	do	J. M. Duncan		15 15 16 16 16 16 16
419		D. L. Scroggin	do	1.0
42U 491		N. A. KOWIANO	do	1 1
491 499	do	C A Bornhort	do	15
423	do	G E Corcoellan	do	11
424	do	G E Wahlin	do	12
425	do	A. Emch	do	22
$\frac{126}{426}$	do	C. A. Barnhart. G. E. Carscallen. G. E. Carscallen. G. E. Wahlin. A. Emch. J. C. Park. W. A. Oldfather. H. J. Barton. G. S. Ford. E. I. McCormac. V. H. Todd. F. E. Held. P. S. Barto. C. H. Handschin. T. E. Oliver. B. D. Glasgow. J. W. Folsom. Walter Buchen. R. E. Tieje. E. M. Halliday. H. P. Gray. J. M. Glapp. H. G. Paul. H. P. Gray. J. M. Glapp. H. O. Rugg. H. A. Hollister. W. S. Miller. W. C. Bagley. G. W. Dowrie. O. M. Martin. M. H. Robinson. F. M. Porter. Oliver Kamm. J. E. Egan. L. L. Burgess. C. G. Derick. Ellen S. McCarthy. C. W. Balke. P. A. Lehenbauer. G. F. Hottes. Mabel Hill. Augusta Evans. E. L. McDonald. W. H. Smith. A. W. Nolan. Eliza Hart. Mary E. Fawcett. Miles Clemens. E. L. McGodwin. Chester Turner.	do	35 20 10
427	do	W. A. Oldfather	do	20
428	do	H. J. Barton	do	10
429	do	G. S. Ford	do	17
430	do	E. I. McCormac	do	32
431	do	V. H. Todd	do	13
432	do	F. E. Held	do	16
433	do	P. S. Barto	do	1
434	do	C. H. Handschin	do	25 30
435	do	T. E. Oliver	do	30
436	<u>q</u> o	R. D. Glasgow		10
437 438		J. W. Folsom		10
400	do	D E misis	do	11
440	do	A T Tioio	do	1
441	do	E M Holliday	do	1
142	do	H. G. Paul	do	2
443	do	H. P. Grav	do	. 30
444	do	J. M. Clapp	do	. 3
445	do	H. O. Rugg	do	'۔ ا
446	do	H. A. Hollister	do	. 30
447	do	W. S. Miller	do	1
448	do	W. C. Bagley	do	30 11 11 12 22 30 30 31 10 31
449		G. W. DOWIII	00	1 4
450.451	do	M. H. Dobinson	do	
459	do	F M Portor	do	5
453	do	Oliver Kemm	do	1
454	do	I E Egan	do	1
455	do	L. L. Burgess	do	. ī
456	do	C. G. Derick	. do	1 1 1 1
457	do	Ellen S. McCarthy	. do	. 1
458	do	C. W. Balke	do	1
459	do	P. A. Lehenbauer	. do	. 1
460	do	G. F. Hottes	. do	. 2
461	do	Mabel Hill	. do	. 1
462	do	Augusta Evans		
403	do	E. L. McDonald		-  -
464	ao	W. H. SMITH		1 1 2
405	do	Tigo Hort	uu	'  <sup>2</sup>
1400 1467	do	Mory E. Foweett	Salary July 1919	1
460	do	Miles Clemens	do	1 1
460	do	E. L. Goodwin	Wages, July, 1912	]
470	do	Chester Turner	do	
471	do	J. W. Dunn	Wages, June and July, 1912	.1
1472	do	C. S. Mourning.	Wages, July, 1912	.1
1473	do	Grace Dexter	.  . do	
1474	do	H. L. Olin	. do	-1 -
1478	do	Oliver Kamm	. do	-1
1476	3 do	L. C. Smith & Bros. Typewriter Co	Rental	-
147′ 1478	/ do	F. C. Jorgeson & Co	Furniture	. 2
1478	3 do	Foote Mineral Co	Minerals	-
1479	إdo	Mary E. Fawcett. Miles Clemens. E. L. Goodwin. Chester Turner. J. W. Dunn. C. S. Mourning. Grace Dexter. H. L. Olin. Oliver Kamm. L. C. Smith & Bros. Typewriter Co F. C. Jorgeson & Co. Foote Mineral Co. J. Terquem & Cie. Wm. Parton. T. H. Flood & Co.	BOOKS	2 2
148(	)do	wm. Parton	Lapor and materials	-  1
IAX	l do	11. H. F1000 & CO	. DUUKS	-

To.	Date.	To whom.	For what.	Amou
1 400	1912.	J. Terquem & Cie. J. Terquem & Cie. J. Terquem & Cie. Otto Harrassowitz. Whiting Paper Co. Flat Iron Store Co. H. C. Wheeler. S. V. Holt. Flora M. Sims. Edward Bartow. John H. Doyle. Saffell Co. Remington Typewriter Co. Twin City Roofing & Sheet Metal Works. Standard Oil Co. Illinois State Reformatory. The University of Illinois Supply Store. V. Jobst & Sons. John Harp. Library bureau. Standard Varnish Works. Wooters & Apperson. Chas. Graham Chemical Pottery Works. Mueller Bros. Monigomery Ward & Co. The Watson-Stillman Co. Twin City Printing Co. Ernst Leitz. Callaghan & Co. G. W. Sheldon & Co. G. E. Warner. Goes Lithographing Co. Illinois Electric Co. Wadsworth-Howland Co. Sheldon Brick Co. Western Automatic Machine Screw Co.	Panks	. 104
1482 1483	lama sr	T Terquem & Cie	do	\$ 104 311 84 59
1484	do	Otto Harrassowitz	do	84
1485	do	Whiting Paper Co	Paper	59
1486	do	Flat Iron Store Co	Shades	13
1487	do	H. C. Wheeler	Expenses	114 121 42 42 55
1480 1489	do	Flore M Sims	do	121
1490	do	Edward Bartow	do	42
1491	do	John H. Doyle	Hardware	55
1492	do	Saffell Co.	do	80 70
1493	do	Remington TypeWriter Co	Machine	70
1494	do	Standard Oil Co	Oil ate	11 25 337 34 18, 275
1496	do	Illinois State Reformatory	Printing	337
1497	do	The University of Illinois Supply Store	Office supplies.	34
1498	do	V. Jobst & Sons	Payment on contract	18, 275
1499	do	John Harp	do	406 36
1500	do	Library bureau	Cards	36
1207	do	Westers & Apperson	Varnish	22
1503	do	Chas Graham Chemical Pottery Works	Sinks	34
1504	do	Mueller Bros.	Cylinder	8
1505	do	Montgomery Ward & Co	Matches	19
506	do	The Watson-Stillman Co	Hydraulic jacks	352
1507	do	Twin City Printing Co	Rubber stamps	2
1208	do	Callaghan & Ca	Apparatus	36 22 69 34 8 19 352 2 166 20
1510		G W Sheldon & Co	Duties etc	20 8 3 72 3 20 12
511	ob	G. E. Warner	Express	3
1512	do	Goes Lithographing Co	Lithographing	72
1513	do	Illinois Electric Co	Drutes, etc. Express Lithographing Pump and burner Enamel Fire brick	3
1514	do	Wadsworth-Howland Co	Enamel	20
1515	do	Sheldon Brick Co	Fire brick	12
$1516 \\ 1517$	do	Western Automatic Machine Screw Co	Hordword	105
TOT!		C. H. Sagor Haraward Co	LLai a war out a contract a contr	185 99
1519	do	Odin Lumber Co.	Lumber ,etc.	164
1520	do	Ohlong Lumber Co	Lumber ,etc. Lumber.	280 15 207 16
1521	do	T. E. Nichols	Paint	15
1522 1523	do	Imperial Cotton Milling Co	Paint Dairy supplies Negatives, etc. Trinctures Furniture.	207
1525 1524	do	Whitell Tetum Co	Tinetures	10
1525	do	Walker & Mulliken	Furniture	45 58
1526	do	Mittendorf & Kiler	do	6
1527	do	G. W. Porter	Wages, July, 1912	55 80 10
1528	do	E. K. Strachan	Wages, July, 1912	80
529	do	Southern Illinois Penitentiary. Odin Lumber Co. Ohlong Lumber Co. T. E. Nichols Imperial Cotton Milling Co. B. A. Strauch. Whitall Tatum Co. Walker & Mulliken. Mittendorf & Kiler G. W. Porter. E. K. Strachan L. H. Smith. R. H. Porter	Expenses	10
521	do	R. H. Porter E. B. Millard	Wages Tune 1 to Sentember 20	24
1001		D. Millard	1912	100
532	do	F. C. Lincoln	Wages, July, 1912.	100 180
1533	do	H. H. Lauer	do	150
534	do	F. C. Bauer	Wages, July, 1912do. Expenses. Field expenses.	7 118
526	do	J. E. WHITCHURCH	Rruchee	118
537	do.	N. Bommersbach	Plants	9
$5\overline{38}$	do	F. C. Lincoln.	Expenses	61 34
539	.:do	C. M. Young	do	34
540	do	S. O. Andros.	do	151
541	do	H. H. Stock	Words Tuly 1019	148
15/2	uo	Marchall Field & Co	Towels	148 75 588 24
544	do	T. F. Jordan	Milk	94
$5\hat{4}\hat{5}$	do	R. T. Lumsden	do	6
546	do	F. W. Taylor	do	6 10
547	do	S. Herriott	do	5
1548	do	J. W. Collins	do	5 2 28 9
550	uo	N Hahn	do	28
1551	A11g. 7	Lou Creiger	_do	13
1552	do	C. Ross.	. do	ii
1553	do	A. F.Dyson	_ do	11
1554	do	Geo. Schiff	do	13
1555	do	H. C. Kaufman	do	14
1556	00	F. C. Lincoln. H. H. Lauer F. C. Bauer J. E. Whitchurch. Southern Illinois Penitentiary. N. Bommersbach F. C. Lincoln C. M. Young S. O. Andros H. H. Stoek Martin Dupray Marshall Field & Co. T. F. Jordan. R. T. Lumsden F. W. Taylor S. Herriott J. W. Collins H. H. Wascher N. Hahn Lou Creiger C. Ross. A. F. Dyson Geo. Schiff H. C. Kaufman Len Rayburn G. Reefstack E. Grove. E. P. Grove.		13 14 14 2 7
550	uo	T. Grove	do	2
.000	uv	TO TO C	do	14

No.	Date.	To whom.	For what.	Amoui
	1912.			
1560	Aug. 7	H. Buhs.	Milk	\$ 5 15 13
1561	do	L. P. Rayburn	do	15
1562	do	B. Jordan.	do	13
1564	do	T F Hov	do	16
1565	do	I C Anderson	do	10 11 10 7 5 18 27
1566	do	Cora Stacker	do	7
1567	do	J. B. Marsh	do	5
1568	do	J. M. Smith	do	18
1569	do	J. E. Haney	do	27
1570	do	H. M. Corray	do	15 9 9
1571	do	Frank Knox	do	15
1572	do	G. W. Van Meter	do	9
10/3		T T Timedean	do	9
1575		E II Dugger	do	12 17 8 12 19
1576	do	S Guinn	do	17
1577	do	R S McInnes	do	1 19
1578	do	Pearl Hazen	do	10
1579	do	John Godsell	do	8
1580	do	H. Buns. L. P. Rayburn B. Jordan C. J. Gillespie J. F. Hoy. J. C. Anderson Cora Stacker J. B. Marsh J. M. Smith. J. E. Haney H. M. Corray Frank Knox G. W. Van Meter G. C. Gordon L. F. Lindsey F. H. Busey S. Guinn R. S. McInnes Pearl Hazen John Godsell D. S. Herriott Mrs. I. Ellrod F. W. Howell W. M. Brown E. S. Hays. L. Hays. L. Hays. L. Hays. L. Hays. L. Hays. L. W. Wilson	do	8 19 16 1 1 5 12 2 4 9 8 8 222 15 7 6 11 13 15 7 9 9 2 1 1 1
1581	do	Mrs. I. Ellrod	do	16
1582	do	F. W. Howell	do	1
1583	do	W.M. Brown	do	5
1584	do	E. S. Hays.		12
	o	J. W. Wilson		4
1586	00	W. M. Brown. E. S. Hays. J. W. Wilson. W. H. Frame. I. H. Besore. T. M. Ghere. H. J. Moorehouse. C. W. Hamm. Geo. Herriott. David Wilkins E. J. Percival. John McCullough. E. R. Canady.	ao	9
1587 1588		T. H. Desore	do	8
1589	do	H I Moorehouse	do	15
	do	C W Hamm	do	10
1591	do	Geo Herriott	do	15
1592	do	David Wilkins	do	1 7
1593	do	E. J. Percival	do	6
1594	do	John McCullough.	do	11
1595	do	E. R. Canady	do	13
1596	do	W. D. Rohl	do	15
1597	do	W. C. Welch	do	7
1598	do	Flora Zeigler	do	9
1599	do	G. F. Diefenbach	do	2
1600	do	Jacob Zeigier		11
1600	do	W W Morror	do	9 12
1602	do	D W Shiveley	do	10
1604	do	Van Carter	do	10 14 4
1605	- do	A. R. Grindley	do	1 4
1606	do	H. I. Nelson	do	4
1607	do	G. M. Seeber	do	10
1608	do	G. C. Gordon	do	15
1609	do	J. E. Henderson	do	8
1610	do	T. P. Lyon.	do	8
1611	ao	U. C. Rayburn		4
1012	ao	M. Hudson	ao	15 8 9 4 8 18 18 12
1019	ao	A C Zenkowitt	do	18
1615	do	G H Spencer	do	4
1616	do	M. Leigh	do	10
1617	- do	H. Cherry	do	1 4
1618	do	J. R. Salliday	do	16
1619	do	G. Guard	do	4
1620	do	W. H. Webb	do	7 16 4 4
1621	do	Fred Thompson	do	10
1622	do	O. W. Hampton	do	9
1623	do	E. F. Byon.		9
1624	ao	S. Atkinson	00	5 4
1025	ao	W H Gross	do	4
1605	do	W F Vount	do	7 17
1699	1do	T H Cordon	do	17
1620	do	A. W. McDaniels	do	11 10
1630	do	W. E. Leigh	do	104
1631	do	J. A. R. Koch	do	12
1632	do	F. A. McCracken	do	5
1633	do	C. Allen	do	6
1634	do	David Wilkins E. J. Percival John McCullough E. R. Canady W. D. Rohl W. C. Welch Flora Zeigler G. F. Diefenbach Jacob Zeigler R. A. Lumsden W. W. Meyer D. W. Shiveley Van Carter A. R. Grindley H. I. Nelson G. M. Seeber G. C. Gordon J. E. Henderson T. P. Lyon C. C. Rayburn M. Hudson J. M. Herriott A. G. Krukewitt G. H. Spencer M. Leigh H. Cherry J. R. Salliday G. Guard W. H. Webb Fred Thompson O. W. Hampton E. F. Byon S. Atkinson John Cavanaugh W. H. Gray W. H. Gray W. H. Gray J. R. Salliday G. G. Hampton E. F. Byon S. Atkinson John Cavanaugh W. H. Gray W. H. Gray J. R. Salliday G. H. Spencer J. Leigh J. R. Roch F. A. McCacken C. Allen John Weiss O. A. McInnes G. Taylor Jas. Freeman J. H. Schwengel	do	6 16
1635	do	O. A. McInnes	do	3
1636	do	G. Taylor.	do	3 7 16
1637	do	Jas. Freeman	do	7
			l do	1 1/

о.	Date.	To whom.	For what.	Amo
	1912.			_
1639	Aug. 7	P. P. Dunn	Milk	\$
641	do	E. W. Smalley J. M. Stickrod	do	1 2
642	do	J. M. SLICKTOO.  R. W. Graham R. W. Maggard. E. W. Washburn A. W. Nolan G. A. Garrison John Harp.	do	1 1
643	do	R. W. Maggard.	do	1
644	do	E. W. Washburn	Expenses.	
645	do	A. W. Nolan	do	1
646	do	G. A. Garrison	Wheat	
647	do	John Harp	Payment on contract	60
048 640	do	O. S. Watkins.   L.E. Foglesong.   F. H. Colyer   H. J. Alvis.   A. F. Gustafson.   J. G. Mosier   O. S. Fisher   C. S. Fish	Expenses	3 12
049 650	do	F H Colver	Wages May 21_Tuly 20 1012	1 1
651	do	H. J. Alvis	Expenses	,
652	do	A. F. Gustafson	do	6
653	do	J. G. Mosier	do	7
				5
655	do	G. M. Hinkley	do	2
656	do	T D Walls	do	7
850	do	D H Stavenson	do	3
650	do	S. E. Huff & Co	Tumber etc	1,31
660	do	F. W. Garrett	Expenses	1,31
661	do	A. W. Stoolman	Payment on contract	5, 95
662	do	G. M. Hinkley F. W. Gault J. R. Wells D. H. Stevenson S. E. Huff & Co. F. W. Garrett A. W. Stoolman O. E. Staples, Chief Clerk W. W. Lindley, Postmaster H. D. Oberdorfer A. W. Stoolman C. J. Baker English Brothers Woldenberg & Schaar Eimer & Amend T. H. Craig. The Studebaker Corporation Agricultural Apparatus Co. C. J. Welch Ideal Electric Co Colonial Works Pratt & Lambert Ludlow Valve Co. J. Terquem & Cie. Paul Gottschalk Veeder Manufacturing Co Chicago Steel Tape Co Electric Speedometer Co. The American Well Works Democratic Printing Co J. Terquem & Cie. Inland Supply Co. Southern Illinois Lumber Co Pantagraph Printing & Stationery Co. W. E. Lyon & Co. E. H. Sargent & Co. Keuffel & Esser Co H. P. Stinespring. Charles M. Samson C. C. Logan S. W. Renner B. E. Powell J. H. Carter W. H. Galliher R. E. Brand L. E. Hoskins Henry Pfau J. A. Rumer & Son H. W. Stewart Wm. Ateh, Sr Albert Tate	Freight bills paid	43
363	do	O. E. Staples, Chief Clerk	Express bills paid	13
564	00	O. E. Staples, Chief Clerk	Sundry bills paid	5
565		O. E. Staples, Chief Clerk	Men's payroll	60 29
267	do	W W Lindley Postmoster	Poetage	15
368	do	H. D. Oberdorfer	Expenses	10
669	do	A. W. Stoolman.	Payment on contract	14,83
670	. do	C. J. Baker	Wages, July, 1912	5
671	do	English Brothers	Payment on contract	10, 76 56
672	Aug. 8	Woldenberg & Schaar	Apparatus	56
673		Eimer & Amend	Laboratory supplies	64
674		The Studebalter Comparation	Wedals	· 2
070	do	A gricultural A program Co	Sanarator	2
677	do	C. J. Welch	Lahor and material	í
678	do	Ideal Electric Co	do	$1\overline{4}$
679	do	Colonial Works	Paint.	26
680	do	Pratt & Lambert	Varnish	2
681	do	Ludlow Valve Co	Valves	3
682	do	J. Terquem & Cie	B00ks	١.
083	uo	Vandar Manufacturing Co	Tachometer	3
205	do	Chicago Steel Tane Co	Polls	2
386	do	Electric Speedometer Co	Tachometer	8
387	do	The American Well Works	Pump	22
388	do	Democratic Printing Co	Book	
389	do	J. Terquem & Cie	Books	1
390	do	Inland Supply Co	Tank	2 29
591		Pontograph Printing & Stationers Co	Drinting	20
192	uo	W. E. Lyon & Co	Lumber, etc.	51
304	do	E. H. Sargent & Co.	Supplies	64
395	do	Keuffel & Esser Co	Instruments	11
396	do	H. P. Stinespring	Hay, etc	. 9
397	do	Charles M. Samson	Directories	3
98	Aug. 9	U. U. Logan	Expenses	13
599	do	D. W. Kenner		1
700		I H Corter	do	14
702	do	W. H. Galliher	_do	16
703	do	R. E. Brand	do	3
704	do	E. E. Hoskins	do	11
705	do	Henry Pfau	do	11
706	do	J. A. Rumer & Son	00	4
707	do	H. W. Stewart	@0	113
108	00	H. W. Stewart. Wm. Ateh, Sr. Albert Tate	do	4 11
71NI	do l	Altred Bergren	00	3
711	do	H. P. Rusk	do	3
712	do	H. P. Rusk E. M. Halliday	Lecture	1
713	do	C. T. Knipp.	Lectures	10 7: 20
714	do	E. M. Halliday. C. T. Knipp. M. H. Robinson. W. C. Bagley. Electric Coal Co.	do	7
715	do	W. C. Bagley	Services	20
716	do	Electric Coal Co	Chapteries	64
/17		A. W. NOIAII	CTUCGLIGS	

No.	Date.	To whom.	For what.	Amou
	1912.	J. Terquem & Cie. H. A. Hollister E. C. Hayes. C. H. Mills. L. M. Bentley. Augusta D. Evans. A. J. Crouch. R. S. Hulce. S. E. Illinois Long Distance Telephone & Telegraph Co. Leonard Hegnauer W. T. Crandall. A. F. Krueger R. C. Kastler. Buffalo Forge Co. The Hess-Bright Mfg. Co. H. W. Anderson. S. T. Wallage. U. S. Parker. Anna M. Palmer J. W. Smith. C. A. Campbell. G. W. Matheny. Rance Sutton. Frank Morgan. A. L. Moats. C. W. Crabbree. John Reichard Wesley Golden Geo, Baker. Will Pritchard Clyde Hamlin. Wm. Leathers. Fred Pine. Daniel Vaubel. Miles Clements. E. E. Hollman. F. W. Tanner. J. Terquem & Cie. John Harp. Frederick Post Co. The Wabash Cabinet Co. The Champaign News. John C. Moore Corporation. Zenner Disinfectant Co. Champaign Grain Guard Co. J. M. Flanigan. Contral Scientific Co. Henry Troemner Bacon Brothers Henry Trevett. Western Electric Co. Chas. Frost. Goder-Heimen Co. Sauveur & Boylston. F. A. Wilske. Engineering Record. The Larries Wire Co. W. Lewis & Co. The American Well Works Errot. The American Well Works Errot. The National Citizens League. The American Well Works Errot. The National Citizens League. The American Well Works Errot. Crosby Steam Gage & Valve Co. Meyer & Wenthe.		
1718	Aug. 13	J. Terquem & Cie H. A. Hollister	BooksServices	\$ 7 25 25 25 50
1719	do	H. A. Hollister	Services	25
1720	do	E. C. Hayes	do	25
1721	do	C. H. Mills	do	25
1722	do	I. M. Bentley	Lecture	50
1723	do	Augusta D. Evans	Expenses	16
1724	do	A. J. Crouch	Straw and oats	16 52
1725 1726	do	R. S. Hulce S. E. Illinois Long Distance Telephone &	Expenses	7
1727	do	Telegraph Co	Rent and toll	11
1228	do	W. T Crandall	-do-	27 18 19
1729	do	A. F. Krueger	do	1 19
1730	do	R. C. Kastler	do	14
1731	do	Buffalo Forge Co	Engine	580
1732	do	The Hess-Bright Mfg Co	Bearings	21
1753	do	H. W. Anderson	Expenses	580 21 28 44
1734	.do	S T Wallage	do	42
1735	do	II S Parker	do	. 7
1736	do	Anna M Palmar	Theme reading	. 6
1727	do	T W Smith	Field expenses	8
1739	do	C A Comphell	Evnanças	63 72 75
1720	40	G W Mathany	Field expenses	72
17/0	do	Dance Sutton	do	1 16
17/1	do	Fronk Morgon	do	107
1740	uo	A T Mosts	do	10
1742	uu	A. D. MORIS	do	25 46 457 40
1743	uu	Lohn Deishard	Comp	4
1744	uo	Wester Calden	Wo gog Tuly 1019	45
1745		westey Golden	wages, July, 1912	40
1746		Geo. Daker	uo	2
1/47	ao	will rittenard		21 38 40
L748	ao	Clyde Hamlin	ao	40
L749	do	Wm. Leathers	do	34 24 27
L750	do	Fred Pine	do	1 24
1751	do	Daniel Vaubel	Wages, July 29-Aug. 8, 1912	27
1752	do	Miles Clements	Salary, July, 1912	48
1753	do	E. E. Hollman	do	60
1754	do	F. W. Tanner	Salary, July 15-31, 1912	30
1755	do	H. D. Oberdorfer	Salary, July, 1912	166
1756	do	J. Terquem & Cie	Books	48 60 30 166 61
1757	Aug. 14	John Harp	Payment on contract	850
1758	do	Frederick Post Co	Paper	850 10
1759	do	The Wabash Cabinet Co	Cards	16
1760	do	The Weis Mfg. Co	do	2
1761	do	Plume & Atwood Mfg. Co	Brass	38
1762	do	International Carbon Co	Carbon paper	1
1763	do	L. C. Smith & Brothers Typewriter Co.	Rentals	7
1764	do	The Dixie Music House	Bassoon	7
765	do	The Champaign News	Advertising	75 75 2 1 12 7 8 8 371 20 6 16 16 16 307
766	do	John C. Moore Corporation	Binder	ī
767	do	Zenner Disinfectant Co	Zenoleum	12
768	do.	Champaign Grain Guard Co	Guards	7
769	do	J. M. Flanigan	Traps	Š
770	do.	Central Scientific Co.	Tubes	4
771	do	Henry Troemper	Apparatus	371
772	do	Bacon Brothers	Paint supplies.	20
772	do	Henry Trevett	Seed	-6
774	40	Western Electric Co	Supplies	16
775		Char Frost	Soods	1
776	uo	Coder-Hoimon Co	Man	-
777	uv	Sourcer & Royleton	Motor	302
770	uo	E A Wilde	Rangire	307
770	uo	Engineering Decord	A Avortising	14
700	uo	The Engineering Magazine	An do	14 12
1001	uo	Driven Henric Wine C-	Wing	7
100	o	DIIVOI-HAIIS WIFE CO	Dry goods	1
782	ao	W. Lewis & Co	T attening	3
1/83	do	The A. E. Price Co	Dl	g
1/84	do	Mittendori & Kiler	BOOKCASE	
1785	do	Lewis Electric Supply Co	Lapor	48
786	do	Little, Brown & Co	B00KS	
787	do	G. W. Sheldon & Co	Unarges	14
L788	do	The National Citizens League	Membership	1
L789	do	The Avery Scale Co	Scale	275
1790	do	The Galigher Machinery Co	Tanks	162
1791	do	Buffalo Scale Co	Scale	275 162 49
1792	do	The American Well Works	Pump	52
1793	do	Ernst Letz	Microscope	104
1704	do.	Crosby Steam Gage & Valve Co	Charts	4
		Carry North Garde of the to Co	lat	4

ю.	Date.	Green Engineering Co W. M. Morrison The University Press Supply Department Marine Biological. V.S. Powers F. A. Hawley Eugene Dietzgen Co Creel & Pollard M. R. Corbett Brownell Improvement Co H. C. Gilkerson J. E. Readhimer H. C. Wheeler A. F. Gustafson G. B. Willis L. J. Sims W. A. Newbold McGraw-Hill Book Co Indianapolis Blue Print Supply Co International Press Clipping Bureau M. C. Clark Publishing Co Trautwine Co Twin City Ice & Cold Storage Co Knowlton & Bennett Leavitt Mig. Co Jacquin & Co Illinois State Reformatory Wm. Hix Miller Harness Co Westinghouse Electric & Mig. Co Underwood Typewriter Co A. C. McClurg & Co S. E. Dillavon J. W. Butler Paper Co W. A. Beasley Bausch & Lomb Optical Co Twin City Roofing & Sheet Metal Works Chas. A. Hall Hardware Co Saffel Co Saffel Co Saffel Co Sarauch The Burr Co John H. Doyle S. E. Huff & Co Ernst Hertzberg & Sons M. L. Harrman Ralph Hilscher Paul Hansen S. W. Shattuck A. P. Grout The File Receiver Co Henry Bruns C. H. Albright The Bruns C. H. Albright T. J. Lopp Vico Clay Co L. Daker The Hurasson C. H. Falk, Receiver Otto Harrassowitz Henry Bruns C. H. Albright T. J. Lopp Vico Clay Co L. O. B. Akee- Henry Bruns C. H. Albright T. J. Lopp Vico Clay Co L. O. B. Akee- Henry Bruns C. H. Albright T. J. Lopp Vico Clay Co L. O. B. Akee- C. H. Shater C. H. Bauer C. H. Bauer C. H. Bauer C. H. Shater C. H. Sheer C. H. Shater C. H. Albright T. J. Lopp Vico Clay Co L. O. L.	For what.	Amour
	1912.			
1796	Aug. 14	Green Engineering Co	Links	\$ 24 5
1797	do	W. M. Morrison	Photographs	5
799	do	Supply Department Marine Riclogical	Laboratory supplies	5 18 4 43 27 30
800	do	V. S. Powers.	Animals.	4
801	do	F. A. Hawley	Labor and material	43
802	do	Eugene Dietzgen Co	Odometer	27
804	do	M R Corbett	Tila	414
805	do	Brownell Improvement Co	Stone.	414 28 34 167
806	do	H. C. Gilkerson.	Expenses	34
807	do	J. E. Readhimer	do	167
809	do	A F Gustafson	Field expenses	95 55 32
810	do	G. B. Willis	.do	32
811	do	L. J. Sims.	do	230
812	do	W. A. Newbold	Hardware, etc	133
814	do	Indiananolis Blue Print Supply Co	Man	16 22 5 3 4
815	do	International Press Clipping Bureau	Service	5
316	do	Illin is Press Clipping Bureau	do	3
217	do	M. C. Clark Publishing Co	Book	4
818	do	Trautwine Co	do	5 18 2 45 16
820	do	Knowlton & Rannett	Supplies	15
821	do	Leavitt Mfg. Co.	Rheostats, etc.	$4\overline{5}$
822	do	Jacquin & Co	Supplies	16
823	do	Illinois State Reformatory	Printing	493 55 30 520 11 7 425 9 22 185
824	do	Wm. Hix.	Hauling	55
826	- do	Westinghouse Electric & Mfg Co	Electrical annliances	520
827	do	Underwood Typewriter Co	Repairs, etc.	11
828	do	A. C. McClurg & Co	Books	7
829	do	S. E. Dillavou	Implements	425
831	do	The Field & Shorb Co	Hose etc	22
832	do	Central Electric Co.	Fans, etc.	185
833	do	G. B. Carpenter & Co	Awnings, etc	14
834	do	H. Swannell & Son.	Drugs, etc	13 65
839 839	do	J. W. Butler Paper Co	Paper	120
837	do	Bausch & Lomb Ontical Co	A nnaratus	139 21
838	do	Twin City Roofing & Sheet Metal Works	Repairs	4 31
839	do	Chas. A. Hall Hardware Co	Hardware	31
840	do	Saffell Co	do	22 64 17, 141
842	do	B A Strauch	Prints	17
843	do	The Burr Co.	Foundry work	141
844	do	John H. Doyle	Hardware	53
345	do	S. E. Huff & Co	Lumber, etc	136 216
840 847	do	M. T. Herrman	Words Tuly 1 to August 10 1012	60
848	do	Ralph Hilscher	Expenses	29
849	do	Paul Hansen	do	99
350	do	S. W. Shattuck	do	99 17 47
851	Aug 15	A. P. Grout	do	47
502	uo	neign	Entertainment	16
353	Aug. 17	D. M. Sims.	Labor	204
354	do	F. A. Hawley	Concrete work	439
855	do	O. E. Shobe & Co	Use of wagon	19 15
257	do	Foster Instrument Co	Instruments	19
3581	do	Felix L. Dames	Books	11
359	do	Martinus Nijhoff	do	14 14
360	do	Konigliche Bibliothek	do	14
861	do	Dulau & Co., Ltd	do	3 156
863	do	Alphonse Picard & Fils	do	100
864	do	Otto H. Falk, Receiver.	Crusher	369
865	do	Otto Harrassowitz	Books	9
866	do	Henry Bruns	Hardware, etc	153
860	do	U. H. Albright	Pointing	153 217 16
869I	do	Vigo Clay Co	Tile	322
870	do	I. O. Baker.	Expenses	10
871	do	H. H. Lauer	do	10 162 112
872	do	C. W. Smith	do	112
	do I	Merie L. Nebel	ldo	101

Vo.	Date.	To whom.	For what.	Amour
	1912.	H. L. Stafford J. E. McDonald O. E. Staples, Chief Clerk W. W. Lindley, Postmaster F. A. Kirkpatrick Isabel Bevier A. W. Wischer R. E. Brand C. E. Ladd F. A. Pearson John Balcom E. G. Misner H. F. Rhodes D. S. Fox W. A. Ruth J. Mack Tanner W. S. Perrine Ralph Chaplin Tebbo Tebben G. M. Hinkley H. F. T. Fahrnkopf J. T. Newsome W. F. Handschin E. E. Hoskins S. V. Holt R. W. Graham T. N. Burwash J. M. Stickrod P. P. Dunn E. W. Smalley J. H. Schwenfel Jas. Freeman G. Taylor O. A. McCracken L. A Roch L. A		
1874	Aug. 17	H. L. Stafford	Expenses	\$113
1875	ao	J. E. McDonald	Constitution of the consti	110 100
1870		O. E. Staples, Uniel Clerk	Students' neuroll	778
1077	do	O. E. Staples, Chief Clerk	Express bills poid	110
1879	do	O. E. Staples, Chief Clerk	Freight hills paid	45 231 270 66
1880	do	W. W. Lindley. Postmaster	Postage	270
1881	Aug. 19	F. A. Kirkpatrick	Labor as research assistant	66
1882	do	Isabel Bevier	Expenses	11
1883	do	A. W. Wischer	do	66
1884	do	R. E. Brand	do	14 19
1885	do	C. E. Ladd	do	19
1886	do	F. A. Pearson	00	22 23
1887		John Balcom	do	23
1000	do	LI E Phodos	do	17
189ก	do	D S Fox	do	8 17 16
1891	do	W. A. Buth	do	28
1892	do	J. Mack Tanner	do	20
1893	do	W. S. Perrine	do	13
1894	do	Ralph Chaplin	Field expenses	13 11
1895	do	Tebbo Tebben	do	. 47
1896	do	G. M. Hinkley	do	29
1897	ao	H. F. T. Fanrnkopi		29 30 33 26
1000		W F Handschin	do	00
1000 1000	uo	F. F. Hocking	do	120
1901	do	S. V. Holt	Expenses	43 106 11 8
1902	A11g. 20	R. W. Graham	Milk	11
1903	Aug. 20	T. N. Burwash	Milk	8
1904	Aug. 20	J. M. Stickrod	Milk	25
1905	do	P. P. Dunn	do	7
1906	do	E. W. Smalley	. do	5
1907	do	J. H. Schwenfel	. do	10
1908	do	Jas. Freeman	. do	6
1909	do	G. Taylor		4
1910	ao	U. A. McInnes	.	19
1010	do	C Allan	do	3
1913	do	C. A. McCracken	do	9
1914	do	J. A. B. Koch	do	7
1915	do	W. E. Leigh	do	4
1916	do	A. W. McDaniels	. do	8
1917	do	I. H. Gordon	. do	10
1918	do	W. E. Yount	. do	3 2 7 4 8 10
1919	do	W. H. Gray		6 4 7 3
1920	do	S. AUCHSON		4
1921	do	O W Hompton	. do	1 4
1022	do	Fred Thompson	do	9
1024	do	W. H. Webb	do	3
1925	do	A. G. Guard	do	3
1926	do	J. B. Salliday	do	13
1927	do	H. Cherry	do	13 2 6 3 4 13
1928	do	M. Leigh	. do	1 6
1929	do	G. H. Spencer	. do	3
1930	do	A. G. KrukeWitt		1 4
1931	do	J. M. Herriott		18
1932	do	C C Rayburn	uu	1 :
1034	do	T P Lyons	do	1 5
1935	do	I. E. Henderson	do	
1936	do	C. C. Gordon	do	13 2 7 11
1937	/ do	G. M. Seeber	. do	
1938	3 do	H. I. Nelson	. do	
1939	]do	A. R. Grindley	. do	4
1940	) do	Van Carter	. do	. 4
1941	Jdo	J. H. Umbanhowar		1 .5
1942	φαο	D. W. Shiveley		13
1946	do	P A Lumedon	-	
1045	de	Toroh Zaigler	do	1 1
1046	de	G. Taylor O. A. McInnes John Weiss C. Allen. C. A. McCracken J. A. R. Koch W. E. Leigh A. W. McDaniels. I. H. Gordon W. E. Yount W. H. Gray S. Atchison E. F. Lyons O. W. Hampton Fred Thompson W. H. Webb A. G. Guard J. B. Salliday H. Cherry M. Leigh G. H. Spencer A. G. Krukewitt J. M. Herriott M. Hudson C. C. Rayburn T. P. Lyons J. E. Henderson C. C. Gordon G. M. Seeber H. I. Nelson A. R. Grindley Van Carter J. H. Umbanhowar D. W. Meyer R. A. Lumsden J. B. Seigler W. W. Meyer R. A. Lumsden Jacob Zeigler W. C. Welch W. D. Rohl A. R. Canady John McCullough E. J. Percival.	do	13 8 7 15 10
1947	do	F. A. Zeigler		1 10
1949	3do	W. C. Welch	do	13
1949	0do	W. D. Rohl.	.  . do	13
1950	)do	A. R. Canady	. do	. 4
195	l do	John McCullough	do	.  6
	ملة لد	IF I Paraival	l do	1 2

٧o.	Date.	To whom.	For what.	Amou
	1912.	David Wilkins Geo. Herriott. C. W. Hann. H. J. Moorehouse. T. M. Ghere. W. F. Hampton. I. H. Besore. W. H. Frame W. J. Wilson. E. S. Hays. Mrs. I. Ellrod. D. S. Herriott. John Godsell. Pearl Hazen. R. S. McInnes. John Englehardt. S. Guinn. F. H. Busey. Burt Rayburn. L. F. Lindsey. G. C. Gordon. G. W. Van Meter. Frank Knox. H. M. Corray. J. E. Haney. J. M. Smith. J. B. Marsh. Mrs. Cora Stacker. J. C. Anderson. J. F. Hoy. A. J. Gillespie. B. Jordan. L. P. Rayburn. H. Buhs. E. P. Grove. Geo. Reefstack Len Rayburn. M. C. Kaufman Geo. Schiff. A. F. Dyson. C. Ross. Lou Creiger. Nicholas Hahn H. Wascher. W. J. Collins S. Herriott. R. T. Lumsden. T. F. Jordan. John Reichard. C. L. Ellis. A. E. Morris. F. W. Gault. O. S. Fisher. J. S. Cordey. W. C. Rowse. John Harp. Geo. McGahey. W. A. Beasley. F. Haney. J. Schorley. W. C. Rowse. John Harp. Geo. McGahey. W. A. Beasley. Franglan Steam Laundry. The Wascher Goven. Champaign Steam Laundry. The Wascher Goven. W. C. Rowse. John Harp. Geo. McGahey. W. A. Beasley. Flanigan-Pearson Co. Woldenberg & Schaar Champaign Steam Laundry. The Wascher Goven. W. C. Rowse. John Harp. Geo. McGahey. W. A. Beasley. Flanigan-Pearson Co. Woldenberg & Schaar Champaign Steam Laundry. The Wascher Goven. W. C. Rowse. John Harp. Geo. McGahey. W. A. Beasley. Flanigan-Pearson Co. Woldenberg & Schaar Champaign Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. White Line Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. White Line Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. White Line Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. White Line Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. White Line Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. Woldenberg & Schaar Champaign Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. Woldenberg & Schaar Champaign Steam Laundry. Western Bank Note & Engraving Co. The Urbana Courier Co. A. Bryant & Sch		
1953	Aug. 20	David Wilkins	Milk	\$ 5 22
954	do	Geo. Herriott	do	22
955 056		C. W. Hann	[do	15 15 15 8 7
950	do	T M Chara	do	15
958	do	W. F. Hampton	-do	1 2
959	do	I. H. Besore	do	1 7
960	do	W. H. Frame	do	ا
861	do	W. J. Wilson	do	14
962	do	E. S. Hays	do	9
1963	do	Mrs. I. Ellrod	do	14
964	do	D. S. Herriott	do	3
066	00	Doorl Hogon	do	1 00
067	do	D S MoInnes	do	20
968	do	Tohn Engleherdt	do	23 9 36
969	do	S. Guinn	do	1 8
970	do	F. H. Busev	do	13
971	do	Burt Rayburn	do	g
972	do	L. F. Lindsey	do	g
973	do	G. C. Gordon	do	7
974	do	G. W. Van Meter	do	11
975	do	Frank Knox	do	11 11
9/6	ao	H. M. Corray	00	22 11 12 14 18
977	do	J. E. Haney	do	22
970	uo	J. M. OIIIIIII		1,
919	uo	Mrs Core Steelzer	do	;
981	do	I C Anderson	do	1 7
982	do	J. F. Hov	_do	}
983	do	A. J. Gillespie	do	1
984	do	B. Jordan	do	18
985	do	L. P. Rayburn	do	9
986	do	H. Buhs	do	8
987	do	E. P. Grove	do	16
988	do	E. Grove	₫o	
989	do	Geo. Reefstack	do	18
990	do	Len Rayburn	do	18
991	do	M. C. Kaulman	do	13
002		A E Dagen		1
999	do	C Page	do	15
994	do	Lou Craigar	do	19
996	do	Nicholas Hahn	do	F
997	do	H. Wascher	do	18 12 23
998	do	W. J. Collins	do	(
999	do	S. Herriott	do	38 40
000	do	R. T. Lumsden	do	
001	do	T. F. Jordan	do	38
002	do	John Reichard	Oats	4(
003	do	C. L. Ellis	Wages, August, 1912	4
004		A. E. MOITIS	Expenses	3
000	do	O S Fisher	do	72
707	do.	I. E. Whitchurch	do	9/
008	Aug. 22	McKey & Poague, Agents	Rent. August, 1912	500 500
009	do	H. G. Hake	Repairing battery	15
) <u>10</u>	do	H. A. Hollister	Expenses.	20
11	do	H. W. Stewart	do	127
12	do	J. S. Coffey	do	15 20 127 51
)13	do	W. C. Rowse	do	
)14	do	John Harp	Payment on contract	680
115	do	W. A. Bossley	Horse and harness	23° 14°
17.0	ao	W. A. Deastey	Printing	142
110	Δ11σ 94	Woldenherg & Schoor	Sunnlies	517 133
110	Aug. 24	Champaign Steam Loundry	Washing	190
120	Aug. 24	The Wahash Cahinet Co	Furniture	16
021	do	Remington Typewriter Co	Supplies	10
$0\bar{2}\bar{2}$	do	The Leeds & Northrup Co	Cell	28
023	do	The Urbana Courier Co	Pads.	4
024	do	White Line Steam Laundry	Washing.	19
025	do	Western Bank Note & Engraving Co	Parchment.	2
026	do	The Globe-Wernicke Co	Tray guides	2
027	do	Gaylord Brothers	Pamphlet binders	170
028	do	Library Bureau	Cards, etc	28
029	do	Spencer Lens Co	Supplies	28 7 55
1120	.do	A. Brvant & Son	Nursery stock	55
050		TO M TO 1		

To.	Date.	To whom.	For what.	Amou
	1912.			
203		The Beardsley Hotel Co	Entertaining Ladders Saddle Tanks and brushes Crucibles Entry fees Paper and ribbons	\$ 14 26 46
2033	do	The Beardsley Hotel Co.  Bartley Bros. & Hall.  A. T. Burlass.  Bausch & Lomb Optical Co.  The American Berkshire Assn.  Western Carbon & Ribbon Co.  Twentieth Century Press Clipping  Bureau	Ladders	14
2034	do	Bartley Bros. & Hall	Saddle	20
2038	do	Pougeh & Lomb Ontical Co	Crucibles	40
2030	do	The American Rerichire Agen	Entry foos	10
2038	do	Western Carbon & Ribbon Co	Paner and ribbons	
2039	do	Twentieth Century Press Clipping	apor and rissons	· '
		Bureau	Clippings. Ice. Harness.	
2040	do	Twin City Ice & Cold Storage Co	Ice	50
2041	do	Tuttle & Clark	Harness	
2042	do	H. P. Stinespring	Feed. Halftones Fertilizer Cutter knives.	2
2043	do	Stafford Engraving Co	Halftones	. 2
2044	do	Southern Illinois Penitentiary	Fertilizer	
2040	qo	The Silver Mig. Co	Cutter knives	10
2040	do	The Sherwin-Williams Co	Supplies	19
2047	do	Pontagraph Printing & Stationary Co	Printing	1 2
2049	do	P F Pattibona & Co	Paner	
2050	do	Champaign Daily Gazette	Advertising	
2051	do	H. F. Chester	Transferring	2
2052	do	Creamery Package Mfg. Co	Agitator and supplies	32
2053	do	Detroit Flower Pot Co.	Pots.	32 6
2054	do	Western Carbon & Ribbon Co. Twentieth Century Press Clipping Bureau. Twin City Ice & Cold Storage Co. Tuttle & Clark H. P. Stinespring. Stafford Engraving Co. Southern Illinois Penitentiary. The Silver Mig. Co. The Sherwin-Williams Co. Jas. H. Rice Co. Jas. H. Rice Co. P. F. Pettibone & Co. Champaign Daily Gazette. H. F. Chester Creamery Package Mig. Co. Detroit Flower Pot Co. Dayton Fruit Tree Label Co. S. E. Dillavou. A. C. Durr. The American Florist Co. Elbe File & Binder Co. L. U. Everhart. Thomas Franks & Son T. I. Harrington G. Gemert. E. H. Hunt. Kentucky Tobacco Product Co. Pabst Stock Farm Meyer & Wenthe. The Miller Harness Co. McMillan Book Co. Eugene Manning.	Cutter knives. Paint Paint Supplies. Printing. Paper. Advertising. Transferring Agitator and supplies. Pots. Garden stakes. Supplies. Galvanized iron. Subscription. Binders.	"
2055	do	S. Ě. Dillavou	Supplies	3
2056	do	A. C. Durr	Galvanized iron	2
2057	do	The American Florist Co	Subscription	
2058	do	Elbe File & Binder Co	Binders	3
2059	do	L. U. Everhart.	Services	
2000	ao	Thomas Franks & Son	Binders Services Wreath Belting Supplies Ferns Tobacco Board Rubber stamps, etc Supplies do	1
2063 5001		C. Connert	Belling	
200 <i>2</i> 2062	do	F H Hunt	Forne	. 1
2002	uo	Ventuely Tehage Product Co	Tobago	1 1
2003	do	Pahet Stook Form	Roard	
2066	40	Mayor & Wontho	Ruhhar stamps ato	4
2067	do	The Miller Harness Co	Supplies	1
2068	do	McMillan Book Co	do	1
2069	do	Eugene Manning	do	1
2070	do	The Construction News Co	Advertising	
2071	do	Wadsworth-Howland Co	Paints	4
2072	do	Mills Electric Co	Supplies	4
2073	do	Simplex Electric Heating Co	Stove top	3 1
2074	do	Crescent Paper Co	Paper	3
2075	do	C. J. Welch	Concrete work	1
070	go	Baker & Co., Inc.	Platinum wire	
1077	do	Dlyma & Atward Mfg Co	Drogg	,
0070	uo	Morro Chain Co	Chain	3 1
0080	do	Walker Vahiela Co	Rattary jare	1
2081	do	American-La France Fire Engine Co	Fire pails	1
082	do	C.W. Davis	Stone cutting	Î
083	do	C. E. Hopkins.	. do	1 1
084	do	J. Bowman	Supplies	4
085	do	Franklin Valbert	Disc	
086	do	Snively & Montgomery	Corn	2
087	do	U. S. Watkins	Supplies. Disc. Corn Expenses.	2 2
1088	do	A. Pickering & Son	Tires	1 7
089	do	Alex Harmon & Son	Expenses. Tires. Horse shoeing. Supplies. Services. Sand.	
090	do	Jas. Norris	Sarvices	١,
NO O	uv	J. O. MINUI A Rarr	Sand	1
2002	do	Callaghan & Co	Bands Apparatus. Supplies. Repairs. Wattmeter. Repairs. Repairs.	1
094	do	Chalmers & Williams	Apparatus	27
095	do	H. J. Shaw	Supplies	l i
096	do	H. J. Green	Repairs.	1 -
097	do	The Bristol Co	Wattmeter	6
2098	do	L. J. Weiller	Repairs	6
2099	do	The W. S. Tyler Co	Brass	
2100	do	The Field & Shorb Co	Die stock	1
2101	do	The Fisher Governor Co	Cup leather	
102	do.,	Crane Co	Cement	1 3
103	do	The Babcock & Wilcox Co	Tupes, etc	4
104	do	Meyer & Wenthe. The Miller Harness Co. McMillan Book Co. Eugene Manning. The Construction News Co. Wadsworth-Howland Co. Mills Electric Co. Simplex Electric Heating Co. Crescent Paper Co. C. J. Welch. Baker & Co., Inc. Riehle Bros. Testing Machine Co. Plume & Atwood Mfg. Co. Morse Chain Co. Walker Vehicle Co. American-LaFrance Fire Engine Co. C. W. Davis. C. E. Hopkins. J. Bowman. Franklin Valbert. Snively & Montgomery. O. S. Watkins. A. Pickering & Son. Alex Harmon & Son. Js. Norris. J. C. Miller. A. Barr. Callaghan & Co. Chalmers & Williams. H. J. Shaw. H. J. Green The Bristol Co. L. J. Weiller. The W. S. Tyler Co. The Field & Shorb Co. The Fisher Governor Co. Crane Co. The Babcock & Wilcox Co. The Babcock & Wilcox Co. The Babcock & Wilcox Co. Standard Underground Cable Co. Sears, Roebuck & Co. McCormicks' Confectionery.	Repairs Brass Die stock Cup leather Cement Tubes, etc Charts Gas Supplies Putky	59
105	ao	U. & U. Kaliway, Gas & Electric Co	Cumpling	59
1107 1106	ao	Soara Doobust & Co	Supplies Putty Valves, etc Supplies	
	aol	DUMIS, KUEDUCK & CO	1 uvvy	2
1100	do	MaMaster-Corr Supply Co		

Vо.	Date.	To whom.	For what.	Amou
	1912.			
2110	Aug. 24	Webber & Holmes	Pipe, etc	\$
		Prairie State Phosphate Co	Phosphate rock	14
2112	do	Barker & Douglas Odin Lumber Co. Nichols & Shepard Co. National Engraving Co. The Albert Dickinson Co. W. & L. E. Gurley The Beck Duplicator Co. D. Van Nostrand Co. The Ludlow Valve Mfg. Co. Champaign & Urbana Water Co.	Concrete work	4
2113	do	Odin Lumber Co	Lumber	3
2114	do	Nichols & Shepard Co	Etchings	. 3
2116	do	The Albert Diekinson Co	Spade	9
2117	do	W. & L. E. Gurley	Gairea	2
2118	do	The Beck Duplicator Co	Films	
2119	do	D. Van Nostrand Co	Book	
2120	do	The Ludlow Valve Mfg. Co	Hydrants and valves	6
2121	do	Champaign & Urbana Water Co	Pipe	2
2122	do	Martin Dupray	Expenses	
2123		F. C. Lincoln		4
2124	Ang 26	Voughon's Good Store	00	í
2126	do. 20	W T Rochm	Air numn and sunnlies	5
2127	do	The Boston Book Co	Books	ĭ
2128	do	I. W. Butler Paper Co	Paper	$\hat{2}$
2129	do	Champaign Seed Co.	Seeds	$\bar{6}$
2130	do	Bacon Brothers	Supplies	1
2131	do	D. H: Lloyde	Office supplies	2
2132	do	Jas. B. Clow & Sons	Supplies	3
2133	do	D. Van Nostrand Co. The Ludlow Valve Mfg. Co. Champaign & Urbana Water Co. Martin Dupray. F. C. Lincoln. S. T. Wallage. Vaughan's Seed Store. W. J. Boehm. The Boston Book Co. J. W. Butler Paper Co. Champaign Seed Co. Bacon Brothers. D. H. Lloyde. Jas. B. Clow & Sons. Geo. B. Carpenter & Co. Derrough & Co. Automatic Electric Co. Eisner Grocery Co. Green Street Pharmacy. Wm. Hix. Lewis Electric Supply Co. Leavitt Mfg. Co. Western Electric Co. E. C. Wagner & Son. W. W. Walls & Co. J. B. Bennett. L. C. Smith & Bros. Typewriter Co. Standard Oil Co. Swift & Co. Royal A. Stipes. Twin City Printing Co. S. E. Huif & Co. The Burr Co. The Burr Co. Twin City Roofing & Sheet Metal Co. E. H. Sargent & Co. A. O. Magnuson. Mittendorf & Kiler. A. S. Nelson & Sons F. K. Robeson. The Saffell Co. J. H. Doyle. Central Electric Co. J. C. Thomas. Illinois State Reformatory. P. F. Meharry. P. Adams. Margaret L. Bailey. F. M. Vanneman & Co. J. W. Lloyd. J. C. Hoke. R. S. Huice. H. S. F. Krueger. John Harp. F. M. Simpson. P. M. Joney. J. F. Chelby. J.	Derrick and supplies	8
2134	do	Derrough & Co	Supplies	-
2135	oo	Automatic Electric Co	Telephones, etc	5
2130 9197	ao	Cross Street Pharms	Supplies	5
2130	do	Wm His	Drugs	1
2130	do	Lawis Electric Supply Co	Supplies	3
2140	do	Leavitt Mfg Co	Room and castings	4
2141	do	Western Electric Co	Electric appliances	11
2142	do	R. C. Wagner & Son.	Use of team, etc	9
2143	do	W. W. Walls & Co	Lumber, etc	11
2144	do	J. B. Bennett	Sewer pipe	2
2145	do	L. C. Smith & Bros. Typewriter Co	Machines and rentals	20
2146	do	Standard Oil Co	Oil, etc	8
2147	do	Switt & Co	Bone meal, etc	9
2140		Marin City Dringing Co	Gravel	1
2150	do	Q F Huff & Co	Tumbor oto	. 9
2151	do	The Burr Co	Foundry work	14
2152	do	Twin City Roofing & Sheet Metal Co	Tin conner etc	6
2153	do	E. H. Sargent & Co.	Laboratory supplies	10
2154	do	A. O. Magnuson	Blue Prints, slides, etc	20
2155	do	Mittendorf & Kiler	Furniture	12
2156	do	A. S. Nelson & Sons	Groceries	1
2157	do	F. K. Robeson	Dry goods	8
2158	do	The Saffell Co	Hardware	3
2109	do	J. H. DOYIE	Hardware	1 10
2100		T. C. Thomas	Transverse etc.	2
2162	do	Illinois State Reformatory	Printing	25
2163	do	P. F. Meharry	Rent of extra horse	1
2164	do	P. Adams	Hauling	16
2165	Aug. 27	Margaret L. Bailey	First payment on fellowship	10
2166	do	Margaret L. Bailey	Second payment on fellowship	10
2167	Aug. 28	F. M. Vanneman & Co	Premium	-
2168	do	J. W. Lloyd	Expenses	.
2109	do	J. U. HOKO		2
2170	do	H F Summers	uo	1
2172	do	F M Simpson	do	'
2173	do	P. Adams	Teaming	1
2174	do	H. N. Pell	Straw	ĺ
2175	do	A. F. Krueger	Expenses	2
2176	do	John Harp	Final payment on contract	2
2177	do	F. W. Muncie	Expenses	] ]
2178	do	G. L. Peltier	do	1
2179	do	Jas. Hutchinson	do	1
2180	اdo	A. K. Nenriing	D-11	1
2181	do	J. F. Cudany	Bull	60
9100	do	T T Hoves	do	1 4
2100	do	F W Carrett	Evnences	1 7
2129	do	OS Fisher	do	6
2186	3 . do	Jas. Hutchinson A. K. Nehrling J. F. Cudahy W. L. Mays. J. T. Hayes. F. W. Garrett O.S. Fisher J. E. Readhimer A. F. Gustafson W. G. Clark	do	10 14
218	7 do	A. F. Gustafson	1do	14

Ñо.	Date.	To whom.	For what.	Amou
	1912.			
2189	Aug. 28	W. F. Handschin. J. B. Andrews. Martin Dupray. D. H. Stevenson. H. W. Mumford. F. Cunningham. Sam Grimm.	Expenses	\$ 10 2 30 50 159
2190	do	J. B. Andrews		2
2191	do	Martin Dupray	do	9
2102	do	H W Mumford	do	5
2194	do	F. Cunningham	Teaming	159
2195	do	Sam Grimm	Butter	10.
2196	do	Sam Grimm. Wm. Roby. Fred Weddige. Twin City Creamery Co. John Harp. C. M. McConn. D. A. Abrams. C. C. Adams. R. M. Alden. C. W. Alvord. L. F. Anderson. S. O. Andros. G. F. Arps.	do	68
2197	do	Fred Weddige	do	
2198	do	Twin City Creamery Co	do	
2199	do	John Harp	Payment on contract	68
2200	do	C. M. McConn	Expenses	1 10
2201	Aug. 31	D. A. Abrams	Salary, August, 1912	13: 12
2202		D. M. Alden	do	333
2004	ao	C W Alvord	do	14
2205	do	L. F. Anderson	do	201
2206	do	S O Andros	do	200 12
2207	do	G. F. Arns	do	160
2208	do.	R. M. Alden C. W. Alvord L. F. Anderson S. O. Andros G. F. Arps. W. C. Bagley I. O. Baker. E. C. Baldwin C. W. Balke. J. T. Barrett H. J. Barton Edward Bartow W. T. Bawden W. T. Bawden W. T. Bawden W. S. Bayley F. C. Becht J. B. Beck B. W. Benedict E. J. Berg. A. V. Bleininger. B. H. Bode. E. L. Bogart R. L. Borger Morgan Brooks N. C. Brooks J. M. Bryant A. M. Buck S. J. Buck L. L. Burgess T. J. Burrill H. V. Canter A. P. Carman D. H. Carnahan F. W. Carpenter C. R. Clark T. A. Crathorne F. W. Carpenter C. R. Clark T. A. Clark T. A. Crathorne F. W. Carpenter C. R. Clark T. A. Clark T. A. Clark T. A. Crathorne F. W. Carpenter C. R. Clark T. A. Clark T. A. Clark T. A. Crathorne F. W. Carpenter C. R. Clark T. A. Clark T. C. Clark T.	do	160 291
2209	do	I. O. Baker	do	333 150 160
2210	do	E. C. Baldwin.	do	150
2211	do	C. W. Balke.	do	160
2212	do	J. T. Barrett	do	58 250
2213	do	H. J. Barton	do	250
2214	do	Edward Bartow	do	29: 208
2215	do	W. T. Bawden	do	20
2216	do	w.s. Bayley	00	18' 16
2217	ao	I. D. Beent	00	10
2210	do	B W Banadiat	do	160 291
2219	do	E I Borg	do	339
2221	do	A V Bleininger	do	33 33
2222	do	B. H. Bode	do	250
2223	do	E. L. Bogart	do	229
2224	do	R. L. Borger	do	229 129 250 200
2225	do	Morgan Brooks	do	250
2226	do	N. C. Brooks	do	20
2227	do	J. M. Bryant	do	18: 15: 11:
2228	do	A. M. Buck	do	15
2229	do	S. J. Buck	do	110
2230	do	L. L. Burgess	do	100
2231	qo	T. J. Burrill		408
2202		A. P. Carman	do	408 166 333 209
2222	do	D H Carnahan	do	200
2235	do	F W Carpentar	do	166
2236	do	C. R. Clark	do	16 15
2237	do	T. A. Clark.	do	41
2238	do	S. S. Colvin	do	115
2239	do	H. P. Corson	do	115 70 141
2240	do	A. R. Crathorne	do	14:
2241	do	Florence R. Curtis	do	100
2242	do	K. S. Curtiss	00	20
2443	ao	м. п. Danieis	do	208 250 100
0244 0945	uo	F. H. Dooker	do	228
2240 2246	do	C G Derrick	do	19
2247	do	E. R. Dewsnip	_do	12 25
2248	do	W. F. Dodd	do	. 16
2249	do	D. K. Dodge	do	250 160 160
2250	do	F. K. W. Drury	do	16
2251	do	F. O. Dufour	do	16
2252	do	J. C. Duncan	do	21
2253	do	Arnold Emch	do	16 16 25
2254	do	M. L. Enger	do	16
2255 0050	do	J. A. Palriee	ao	25
4200 9957	ao	Mary L. Fawcett	do.	16
<i>∆∆</i> 0 <i>1</i>	uo	V D Floring	do	20
2250 2250	do	G T Flom	do	90
2260 2260	do	I W Folsom	do	166
2261	do	F. S. Foote	do	200 120 200 160 150 4
2262	do	S. A. Forbes	do	4
2263	do	G. S. Ford	do	250
2264	do	J. A. Frisk	do	9: 17: 12: 7:
2265	do	Edward Fulton.	do	17
2266	do	J. W. Garner	do	12
	1 40	Nallia C. Goddos	l do '	7.

0.	Date.	To whom.	For what.	Amou
	1912.	Julius Goebel G. A. Goodenough W. F. M. Goss P. S. Goulding E. B. Greene. Frederick Green. T. H. Guild G. C. Habermeyer E. M. Halliday Paul Hansen O. A. Harker P. B. Hawk E. C. Hayes R. L. Henry. Margaret Herdman Ralph Hilscher M. E. Hinds Jacob Hodnefield H. A. Hollister E. E. Hollman C. F. Hottes G. A. Huff Margaret Hutchins Helen Isham Edmund J. James C. E. Janvrin Alice Johnson Grinnell Jones H. S. V. Jones Emma R. Jutton J. B. Kaiser Margaret L. Kingsbury David Kinley C. T. Knipp Jakob Kunz E. K. Lake W. F. Langelier L. M. Larson P. B. Lauher O. E. Lessing O. A. Leutwiler Simon Litman Elizabeth Love E. B. Lutton J. B. Lauher O. E. Lessing O. A. Leutwiler Simon Litman Elizabeth Love E. B. Lytle		
268	Aug. 31	Julius Goebel	Salary, August, 1912	\$ 270
269	do	G. A. Goodenough		250
270	00	W. F. M. GOSS	do	500
272	do	E B Graana	do	133 187 291 125
273	do	Frederick Green	do	291
274	do	T. H. Guild	_do	128
275	do	G. C. Habermever	do	14
276	do	E. M. Halliday	do	158
277	do	Paul Hansen	do	229
278	do	O. A. Harker	do	333 208
279	do	P. B. Hawk	do	208
280	do	E. C. Hayes	do	208 238 208 68 88 40 100
281		Monganet Handman	00	200
282		Margaret Herdman	do	00
200		M Tr Trinda		1 00
201	uo	Tooch Todnofold	do	100
286	do	H A Hollister	do	229
287	do	E E Hollman	do	60
288	do	C. F. Hottes	do	208
289	do	G. A. Huff	do	208 208 250
290	do	Margaret Hutchins.	do	70
291	do	Helen Isham	do	108 1,000 1,000 100 100 100 100 200 200 200 201 201
292	do	Edmund J. James	do	1,000
293	do	C. E. Janvrin	do	3
294	do	Alice Johnson	do	70
295	do	Grinnell Jones	do	12
296	do	H. S. V. Jones	do	133
297	do	Emma R. Jutton	do	100
298	do	J. B. Kaiser	do	100
299	do	Margaret L. Kingsbury	do	7
300	do	David Kinley	]do	500
301	do	C. T. Knipp	do	200
302	ao	Jakob Kunz	do	150
303	qo	E. K. Lake		10
204	do	W. F. Langeller	00	20
202	ao	D. M. Larson	00	4
207	do	O F Legging	do	210
308	do	O A Loutwiler	do	20
309	do	Simon Litman	do	16
310	do	Elizabeth Love	do	. 5
311	do	E. B. Lytle	do	13
312	do	David McFarland	do	133
313	do	A. D. MacGillivray	do	20
314	do	F. M. Mann	do	33
315	do	F. W. Marquis	do	150
316	do	J. M. Mathews	do	13
317	do	G. H. Meyer	do	20
318	do	Irene Miche	do	50 25
319	qo	G. A. Miller	do	15
201	op	TW C Willer		150 12
200	uo	C H Mills	do	20
322	do	H F Moore	do	20
224	do	B. C. Morse	do	4:
325	do	C M Moss	do	25
326	do	Gertrude E. Moulton	do	10
327	do	W. A. Noves	do	33
328	do	W. A. Oldfather.	do	22
329	do	T. E. Oliver	do	20
330	do	E. E. Paine.	.ldo	20
331	do	S. W. Parr	do	29
332	do	F. A. Patterson	do	12
333	do	Adah Patton	. do	8
334	do	H. G. Paul	do	10
535	do	A. S. Pease		20
200	qo	J. N. Pomeroy		111
337	op	Anna M. Price		110
338	qo	U. K. Kichards		900
240	op	IV. U. KICKOT	u0	15
24U 2/1	uo	W S Debartson	do	200 200 44 255 100 333 222 200 29 122 8 166 200 111 333 29 155 166
240	0	M H Dobinson	do.	250
3/2	uo	C. W. Rolfa	do	250
344	uo	L. M. Larson P. B. Lauher O. E. Lessing O. A. Leutwiler Simon Litman Elizabeth Love E. B. Lytle David McFarland A. D. MacGillivray F. M. Mann F. W. Marquis J. M. Mathews G. H. Meyer Irene Miche G. A. Miller H. W. Miller W. S. Miller C. H. Mills H. F. Moore B. C. Morse C. M. Moss Gertrude E. Moulton W. A. Noyes W. A. Noyes W. A. Oldfather T. E. Oliver E. E. Paine S. W. Patr F. A. Patterson Adah Patton H. G. Paul A. S. Pease J. N. Pomeroy Anna M. Price C. R. Richards N. C. Ricker H. L. Rietz W. S. Robertson M. H. Robinson C. W. Rolfe M. R. Robinson C. W. Rolfe M. R. Robertson M. H. Robinson C. W. Rolfe T. E. Saxage Olive F. Saxage	do	250 160 81 291
J44	uu	Olima Ti Cometana	uv	20
345	do l			

	Date.	To whom.	For what.	Amou
	1912.	W. F. Schultz. G. F. Schwartz F. W. Scott. A. R. Saymour. S. W. Shattuck J. B. Shaw. S. P. Sherman. Frances Simpson. C. H. Sisam W. A. Slater. Adelle C. Smith Frank Smith G. M. Smith J. E. Smith J. E. Smith J. M. Snodgrass. Joel Stebbins H. H. Stoek W. G. Stromquist. R. T. Stull. A. H. Sutherland A. N. Talbot F. W. Tanner E. J. Townsend David Varon J. N. Vedder C. G. Vernier E. H. Waldo H. B. Ward A. R. Warnock E. W. Washburn F. R. Watson N. A. Wells N. A. Weston J. M. Weston		
347	Aug. 31	W. F. Schultz	Salary, August, 1912	\$166 158 183
348	do	G. F. Schwartz	do	158
349	do	F. W. Scott	do	183
350	do	A. R. Seymour	do	166 316 166
351	do	S. W. Shattuck	do	316
352	do.	I. B. Shaw	do	166
353	do	S. P. Sherman	do	266
354	do	Frances Simpson	do	141 158 116
355	do	C H Sisam	do	158
356	do	W A Slater	do	116
357	do	Adalla C. Smith	do	55
35.2	do	Frank Smith	do	208
250	uo	C M Smith	u0	125
1600		T TO Consists		120
1000	do	j. E. Smith	do	125
301	ao	J. M. Snoagrass	do	175
362	do	Joel Stebbins	do	208
363	do	H. H. Stoek	do	175 208 333
364	do	W. G. Stromquist	do	100
365	do	R. T. Stull	do	183
366	do	A. H. Sutherland	L.do	183 150
367	do	A. N. Talbot	do	333
368	do	F. W. Tanner	.do	60
369	do.	E. J. Townsend	do	319
370	do	David Varon	do	312 208
271	do	T N Voddor	do	110
279	do	C C Vernier	u0	901
272		To the vertile		100
070	do	E. H. Waldo		291 166 333 125 166 87
3/4	ao	H. B. Ward	do	333
375	do	A. R. Warnock	do	125
376	do	E. W. Washburn	do	166
377	do	F. R. Watson	do	87
378	do	N. A. Wells	do	208
379	do	N. A. Weston	do	229 333
380	do	J. M. White	do	333
381	do	A. S. Wilson	do	166
382	do	P. L. Windsor	do	250
383	do	T M Wormser	do	183
384	do	Olo M. Wyoth	do	183 75 100
300	uo	O D Vengen	40	100
200	uo	Tooch Zoitlin		100
207	uo	Obea Zelone		125 208 60
2001		T illa M. Alamandan	00	200
1000		Lilla M. Alexander	do	00
389	ao	W. E. Alley	do	85
3901	qo	winiired L. Amos	ao	65
391	do	Etnei Asn	do	50 141
392	do	E. Atkinson	do	14.
393	do	Mary Blackwell	do	50
394	do	L. A. Boice	do	108
395	do	Ethyl Bradley	do	50
396	do	Tabitha J. Broadhurst	do	70
397	do	Ina M. Brown.	do	60
398	do	Sarah E. Bryan	ldo	50 108 50 70 60 60
399	do	Illa B. Chandler	do	50
100	. do.	Jennie A. Craig	do	7:
401	do	C C Crawford	do	ai
100	do	H E Cunningham	do	121
102	uo	C F Dolton	do	60 141 45
100		T. C. Danderr		45
104	qo	L. U. Demiow		45
105	do	Faith Emigh	ao	65
106	do	Frances M. Feind	do	75
407 .	do	Viola C. Fraser	do	55
108	do	Antionette Goetz	do	65 75 55 65
109	do	Mabel F. Griffith	do	60
410i	do	Carmen F. Harnack	ido	60 55
411	do.	Eliza Hart	do	35
412	do.	Nathaniel Hay	do	166
413	do	Myrtle E. Heater	do	55
114	do	Logia R Houghang	do	166 55 70
112	uo	A H Hall	do	65
110		A. D. Hull		1 00
110	do	J. D. Hutenings	qo	150
417	do	Marie Jester	do	45
418	do	J. J. Johnson	do	45
419	do	Gertrude Keech	do	25
420	do	J. H. Kelley	do	166
491	do.	Nora Kerwan	ldo	166 35
	do	Aurella Knapp	do	5.5
122				
422 423	do	A. B. Lee	do	01
422 423 424	do	E. W. Washburn. F. R. Watson. N. A. Wells. N. A. Weston. J. M. White. A. S. Wilson. P. L. Windsor I. M. Wormser Ola M. Wyeth. T. D. Yensen. Jacob Zeitlin Chas Zeleny Lilla M. Alexander W. E. Alley Winifred L. Amos Ethel Ash. E. Atkinson. Mary Blackwell L. A. Boice. Ethyl Bradley Tabitha J. Broadhurst. Ina M. Brown. Sarah E. Bryan. Illa B. Chandler Jennie A. Craig C. C. Crawford H. E. Cunningham C. E. Dalton. L. C. Demlow Edith Emigh Frances M. Feind Viola C. Fraser Antionette Goetz. Mabel F. Griffith Carmen F. Harnack Eliza Hart. Nathaniel Hay Myrtle E. Heater Josie B. Houchens A. H. Hull. J. B. Hutchings Marie Jester J. J. Johnson. Gertrude Keech J. H. Lee J. Lee J. T. Lindsey. Stella Lund.	do	55 91 25 55

). 	Date.	To whom.	For what.	Amou
	1912.	Dessie B. McAllister C. M. McConn Agnes McGurty Jennie B. McMullen L. Mae Manspeaker Maude E. Meneley Rudolf Messek C. F. Miller Lloyd Morey J. A. Morrow H. D. Oberdorfer Elizabeth Pieffer F. W. Post. Harriet L. Postlewait Mary H. Roberts. Nellie M. Robertson Rose E. Ryan Mary Scanlan Anna L. Shepard T. J. Showers Sarra M. Slater Bertram Smith Jessie A. Smith Mayme L. Smith O. E. Staples Alfred Steitz E. T. Strong Elizabeth Z. Swift M. E. Thompson Mary Torrance L. J. Towne. G. P. Tuttle. Josephine A. Tyrrell Hazel B. Van Skiver Lida E. Voigt S. D. Watkins H. T. Wyninger Grace Maxwell Miles Clements Gertrude Johnson E. Davenport D. McIntosh Helena M. Pincomb C. C. Logan Isabel Bevier Nellie E. Goldthwaite Charlotte Gibbs Harriet Rinaker H. B. Dorner E. W. Balley C. E. Durst.		
126	Aug. 31	Dessie B. McAllister	Salary, August, 1912	\$ 40 233 70 40
127		C. M. McConn	00	255
120	do	Lannia P. McMullon	do	40
120		Jennie D. McMunen		83
121	do	Mondo F Monolov	do	50
130 191		Budolf Mosselr	do	50 65 75
133	do	C F Millor	do	75
134	do	Lloyd Morey	do	25
135	do	I A Morrow	do	85 166 166
136	do	H D Obordorfor	do	166
137	do	Elizabeth Pfeffer	do	50
138	do	F W Post	do	75
130	do	Harriot L. Postlawait	do	75 50 70
140	do	Mary H Roberts	do	70
141	do	Nallia M. Robertson	do	- 55
142	do	Rosa F. Ryan	do	50 50 80
113	do	Mory Sconlon	do	50
144	do	Anno I. Shonord	do	90
145	do	T I Charren	1	190
IAG	do	Sarra M Slatar	do	120
147	40	Rartram Smith	do	125 55 70 100
148	do	Taccia A Smith	do	100
140	do	Mayma I. Smith	do	100
50	uo	O E Storles	do	65 150 75
51	do	Alfred Stoits	do	76
150	do	T T Strong	do	95
52	40	Fligoboth 7 Cwift	do	198
154	do	M F Thompson	do	128 88
155	do	Morry Torrongo	u0	55
156	do	T. T. Towns	40	150
157	do	C D Tuttle		100
150	do	Thrombine A Tyrnell	do	83 45
150	do	Hogel D. Von Chiven	do	65
100		Hazer D. Van Skrver		00
100	do	Lida E. Voigt		83 60
101	do	II (II) III water in one		52
162	uo	Chase Massarell		75
100	do	Miles Clements		16
104	do	Control do Telesco-		48 58
100	uo	T Devemment		500
167	do	D. MaIntach	do	208
160	do	Holono M. Dincomb	do	122
160	do	C C Logon	do	133 150 208
170	do	Icohol Rovier	do	200
71	do	Nallia F Goldthweita	do	150
179	do	Charlotta Gibbs	do	196
173	do	Harriot Pingker	do	128 128
174	do	H B Dorner	do	200
75	do	E. W. Roiley	do	150
176	do	C. E. Durst	do	125
77	do	A. H. Nehrling	do	125
79	do	I C Rlair	do	416
70	do	G S Crandall	do	201
เลก	do ·	I L Lloyd	do	291 266
81	do	B. S. Pickett	do	250
82	do	W T Crandall	do	125
83	do	H. E. McNatt	do	126
84	do	R. S. Hulce	do	128 88
85	do	I. P. Terry	do	7
86	.do	N. W. Henburn	do	75 175 83
87	do.	O. A. Keller	do	83
88	do.	R. E. Brand	ldo	150
89	do.	W. J. Fraser	do	250
90	do	W. L. Burlison	do	100
91	do	C. G. Hopkins	.do	416
92	do.	J. G. Mosier	do	100 416 266
93	do	L. H. Smith	do	250
94	do.	J. H. Pettit	do	250
95	do.	Leonard Hegnauer.	do	250 250
96	do.	A. F. Gustalson	do	150
97	do	O. S. Fisher	do	125
ğe	do.	E. M. McDonald	do	100
199	do	C. O. Reed	i do	50
00	do.	H. W. Stewart	do	125 100 50 125
01	do.	Charlotte Gibbs. Harriet Rinaker. H. B. Dorner E. W. Bailey C. E. Durst. A. H. Nehrling. J. C. Blair. G. S. Crandall J. L. Lloyd B. S. Pickett. W. T. Crandall H. E. McNatt. R. S. Hulce J. P. Terry N. W. Hepburn O. A. Keller R. E. Brand W. J. Fraser W. L. Burlison C. G. Hopkins J. G. Mosier L. H. Smith J. H. Pettit Leonard Hegnauer A. F. Gustalson O. S. Fisher E. M. McDonald C. O. Reed C. O. Reed C. O. Reed C. W. W. Stewart F. C. Bauer H. W. Mumford H. S. Grindley W. C. Coffey	do	100
02	do.	H. W. Mumford	do	416
กัร	do.	H. S. Grindley	do	416 141
				225

0.	Date.	To whom.	For what.	Amo
	1912.			
505	Aug. 21	L. D. Hall. Wm. Dietrich.	Salary, August, 1912	\$22 20
2506	do	Wm. Dietrich	do	20
507	do	H. P. Rusk	do	17
508	do	H. P. Rusk D. O. Barto J. L. Edmonds W. F. Handschi H. H. Mitchell W. H. Smith J. J. Yoke		16
509	do	J. L. Edmonds	do	16
511	do	W. F. Handsch	00	15 12
510	do	H. H. MITCHELL	do	10
	do	T T Volce	do	10
514	do	F M Simpson	do	i n
515	do	A W Nolan	do	10 20
516	do	F H Rankin	do	25
517	do	W. B. Gernert	do	10
518	do	J. B. Park	do	10 12 7
519	do	J. T. Flohil.	do	7
520	do	W. R. Leighty	do	10
521	do	F. A. Fisher	do	10
522	do	J. J. Yoke F. M. Simpson A. W. Nolan F. H. Rankin W. B. Gernert J. B. Park J. T. Flohil W. R. Leighty F. A. Fisher Gertrude Niederman W. H. Seehs	do	] .8
523	do	W. H. Sachs. J. E. Whitchurch.	do	
524				12
520	do	J. P. Aumer	ao	12
シムひ	do	P E Verreker	do	1
1522	do	H C Wheeler	do	12
520	do	S. V. Holt	do	1
530	do	F. M. W. Wascher	Jdo	1 7
531	do	E E Hocking	do	1:
532	do	F. W. Garrett J. E. Readhimer A. J. Gunderson	do	1 :
533	do	J. E. Readhimer	do	20
534	do	A. J. Gunderson	do	
535	do	W. A. Ruth O. S. Watkins. L. E. Foglesong. W. L. Gaines	do	10
536	do	O. S. Watkins	do	15
537	do	L. E. Foglesong.	do	1 3
2538	do	W. L. Gaines	do	1
5039	do	Grace Linder.		
540 541	do	Bessie Packard	00	
	do	B E Powell	do	. 19
543	do	Bessie Fackard. Leonora Ferry B. E. Powell Thomas Peel Berton Hays Geo. Baker. Wm Kelley	Wages Angust 1912	
544	do	Berton Hays	do	(
545	do	Geo. Baker	do	1 4
546	do	Wm. Kelley	do	. 4
	do	T. E. Madison	do	4
	do	Ed. Myers	do	4
	do	Geo. Baker. Wm. Kelley. T. E. Madison. Ed. Myers. Ralph Morray. Andrew Tornquist. C. B. Sayre. Frank Barrett. D. P. Sayre.	do	:
	do	Andrew Tornquist		
550	do	Enants Danuatt		:
552	do	D D Chenn	do	1
554	do	Olima C. Doid	do	1 1
555	do	Unive G. Reid. Roy Argo Lucy M. Barto. Jose Cook Milo J. Conley Robert Cook Horeld Biol	_do	
556	do	Lucy M. Barto	do	1
557	do	Jesse Cook	do	-
558	do	Milo J. Conley	do	,
559	do	Robert Cook	do	
560	uu			
561	do	W. J. Engle	do	
562	do	E. L. Ensminger	do	1 !
	do	Ray McAdams	do	
204	do	Fred Mooney	ao	:
JUD JEER	do	M D Doga	do	
567	do	M. D. Rose	do	1
562	do	Angusta D Evans	do	
	do	J. W. Dunn	do	
	do	R. J. Fieg	do	
571	do	Zella Andrews	do	
572	do	W. L. Hally Augusta D. Evans J. W. Dunn R. J. Fieg Zella Andrews Wm. Pritchard Ruth Burt	do	
573	do	Ruth Burt	do	1
574	do	Rainn Hillis	100	1 . •
575	do	Florence Stoutzenberg	do	1
576	. do do do do			
577	do	A. J. Stoneburner	do	
578		F. B. Kienardson		
10/9	do	A. J. Stoneburner F. B. Richardson I. B. Gilbert W. M. Taylor E. A. Schwing Wesley Golden H. A. Cate.		}
1990 1990	do	W.M. Taylor	ao	
ანდი ანდე	do	Wesley Colden	do	
1004	do	III Porto A Corp.	do	

0.	Date.	To whom.	For what.	Amou
F04	1912.	M. E. MacGillivray. Paul Utterback. Hugh Hobart. H. B. Ingalls. H. A. Ruehe. G. R. Brooks. Louis Eschwazier. H. N. Parker. Harrison Noecker. Elmer Roberts. R. C. Glover. C. G. Cox. J. E. Thomas. Chas. Rodgers. John McNutt. H. H. Wheeler. Earl Meenach. Winlired McIntosh. Elmer Jenkins. Wm. Hough. M. C. Foss. H. Foor. T. P. Crawford. Jas. Brown. Chas. Chapman. E. C. Terhune. Lawrence Engle. Frank Lester. Arthur Lumbrick. Paul Davis. W. W. Rash. Orr Allyn. W. L. Bennett. W. T. Craig. L. A. Hunter. Will Patterson. Alpha Tornquist. E. M. Clark. F. A. Pearson. Cornellius Stocker. A. W. Fischer. A. F. Kreuger. H. K. Baltzer. Earl Garver. John Balcom R. C. Kastler. W. W. Yapp. Loretta White. Lillian Smith. Ethel Sharp. Ruah Loveless. H. E. Crouch. Marie A. Gordon F. W. Muncie. Jas. Hutchinson G. L. Peltier Grover Donohue. Ralph Pritchard. Harel Rhoads. Lewis Donohue. Louie Frizzell. W. R. Hall Ralph Pritchard. Harel Rhoads. Lewis Donohue. Louie Frizzell. W. R. Hall Ralph Chaplin. Claude Harrolle. Rosened. C. M. Fizzell. W. R. Hall Ralph Chaplin. Claude Harrolle. Rosened. C. M. Campbell C. C. Lincoln S. T. Wallage. F. H. Coyler. G. W. Porter. H. H. Lauer. C. M. Young. J. T. Newsome. J. C. Anderson. C. A. Campbell C. C. Chapman		
584	Aug. 31	M. E. MacGillivray	Wages, August, 1912	\$ 3 3
500		Paul Utterback	do	3
587	do	Hugh Hobart		4:
588	do	H A Ducho	do	4. 110
589	do	G R Brooks	do	. 50
590	do	Louis Eschwazier	do	5
591	do	H. N. Parker	do	15
592	do	Harrison Noecker	do	50 50 150 20
593	do	Elmer Roberts	do	6
594	do	R. C. Glover	do	60
595	do	C. G. Cox	do	1 6
590	00	J. E. Thomas	do	4
500		Unas. Rodgers		. 54 46
500	uo	JOHN MCNUIL	00	4
งกก	do	Earl Moonach	do	5
301	uo	Winifred McIntoch	do	. 1
302	do	Elmer Jankins	do	10 5
303	do	Wm Hough	do	8
304	do.	M. C. Foss	do	3
305	do.	H. Foor	do	S
306	do.	T. P. Crawford	do	50
07	do	Jas. Brown	do	5
808	do	G. E. Brown	do	7
609	do	Chas, Chapman	do	4
10	do	E. C. Terhune	do	4
311	do	Lawrence Engle	do	4
312	do	Frank Lester	do	6
313	do	Arthur Lumbrick	Salary, August, 1912	3
314	do	Paul Davis	Wages, August, 1912	60 3 4
315	do	W. W. Rash	do	. 4
316	do	Orr Allyn	do	6
317	do	W. L. Bennett	do	6
318	do	W. T. Craig	do	8:
519	do	L. A. Hunter	do	7
520	do	Will Patterson	do	4 5
21	do	Alpha Tornquist	do	5
22	ao	E. M. Clark	do	6
23	do	r. A. Pearson		7. 7. 8.
205		Cornellus Stocker		(
206	do	A. W. Fischer	do	6
27	do	H V Roltzor	do	5 6 5
28	do	Earl Garver	do	6
29	do	John Balcom	do	5
30	do	R. C. Kastler	do	50 70 60
31	do	W. W. Yapp	do	7
32	do	Loretta White	do	6
333	do	Lillian Smith	do	4
34	do	Ethel Sharp	do	3.
35	do	Ruah Loveless	do	10
36	do	H. E. Crouch	do	10
37	do	Marie A. Gordon	do	4
38	do	F. W. Muncie	do	85
39	do	Jas. Hutchinson		78 88
40	do	Graves Denobus		4
41		Dolph Pritchard	ao	5
42	op	Horry Pritchard	do	00
CP.	uo	Hazal Dhoade	do	6 5
45	do	Lowis Donobus	do	5
46	do	Louie Frizzell	do	4
47	do	W. R. Hall	do	4
48	do	Ralph Chaplin	do	60
49	do.	Claude Harrolle	do	40
50	do	Rose Hegenbart	do	7
511	do	Pearley Cunningham	do	2
552	do	F. C. Lincoln.	do	180
553	do	S. T. Wallage	Wages, July 18-Aug. 20, 1912	3
354	do	F. H. Coyler	Wages, July 21-Aug. 31, 1912	10
355	do	G. W. Porter	Wages, August, 1912	58
356	do	H. H. Lauer	do	150
357	do	C. M. Young	do	150
558	do	Marion B. Gallaher	do	40
359	do	J. T. Newsome	do	60
360	do	J. C. Anderson	do	68 60
			, a_	

0.	Date.	To whom.	For what.	Amou
	1912.	R. W. Dicinson. O. I. Ellis. H. F. T. Fahrnkopf F. W. Gault. G. E. Gentle. H. C. Gilkerson. G. M. Hinkley. John Laukford C. L. Munroe Alice Reed. Flora M. Sims R. S. Smith. V. P. Smith. Welvin Thomas. E. F. Tagerson. C. E. Wheelock. A. L. Whiting. John Woodard. Emma L. Custer. J. R. Kelley. W. A. McIntire. Mary Millar Freda O. Stricklan Evalena Bowen. Martin Dupray V. A. Place. Roy Mount. Geo. Nogle. Elizabeth Pulling. J. B. Andrews J. B. Coffey. J. J. Colling. J. B. Andrews J. B. Coffey. J. J. Colling. J. R. Wells. J. B. Andrews J. B. Coffey. J. J. Colling. J. J. B. Andrews J. B. Coffey. J. J. Colling. J. J		
663	Aug. 31	R. W. Dicinson	Wages, August, 1912	\$ 70
664	do	O. 1. Ellis	do	50 50
665	do	H. F. T. Fahrnkopi	[do	50
666	do	F. W. Gault	do	80
667	do	G. E. Gentle		52 50 50
668	do	H. C. Glikerson		50
666		T-l- T		90
07U		John Lankiord	do	60 50 50
071 670		A lies Dood	do	90
014		Elono M. Cinna		88
671		D C Cmith	do	00
074 675	uo	V D Cmith	do	1 46
010 676	do	Molyin Thomas	do	48 48 68
677	uo	F F Magazan	do	42
011 270	do	C F Wheelest	do	60
010 670	do	A T Whiting	do	60 100 60
019		Toba Wooden	do	100
000		Donn Woodard	u0	00
000		T D Talles	do	70 52 50
004		T. K. Kelley	u0	34
407	uo	Monr Millon	do	90
084	uo	Enodo O Ctricklen	do	68
080	ao	Freda O. Strickian	do	68
080	00	L valena Bowen	uo	00
087	00	Marun Dupray	uo	1
200	00	V. A. Place.	uo	8
087	ao	Roy Mount		12 83 50 70
090	ao	Ueo. Nogie		70
991		Luzabeth Pulling	uo	55 50
692	ao	î. g. mens		50
693	ao	J. B. Andrews		48 28 50
694	ao	J. S. Coffey	G.100	28
695	qo	H. L. Olin Oliver Kamm	Salary, July 24-Aug. 24, 1912	50
696	do	Oliver Kamm	Salary, July 17-Aug. 17, 1912	4:
697	do	John Garman	wages, August, 1912	4.
698	do	Vera Beyer	do	4.
699	do	C. I. Newlin		5
700	do	Harry White	do	5' 2! 4!
701	do	Whitaker Mattoon	do	41
702	do	Lucile Needham	do	2
703	do	H. B. Ketzle	do	125 70 50
704 705	do	B. L. Bowling	do	1 2
7700	do	Bertna States		90
706	do	H. H. Dunn		80 88
707 708	do	W. S. Goodspeed		5
708	do	K. S. Sease		2
709	do	L. S. Baldwin		10
3710	do	1. W. FISK	00	10 10
$711 \\ 712$	do	L. V. James,		110
712	do	G. H. Radenbaugh	00	îĭ
113	do	J. R. Wells J. B. Andrews J. S. Coffey H. L. Olin Oliver Kamm John Garman Vera Beyer C. I. Newlin Harry White Whitaker Mattoon Lucile Needham H. B. Ketzle B. L. Bowling Bertha States H. H. Dunn W. S. Goodspeed R. S. Sease L. S. Baldwin I. W. Fisk L. V. James G. H. Radenbaugh J. A. Wilson B. R. Ordonez D. L. Seroggin R. Hofstetter O. W. Van Petten	do	.
714	do	D. T. Companies	uo	9
715	do	D. D. Scroggill	do	4
77.TO		O. W. Von Botton	do.	9
2/1/	do	C TT Deiller	do.	2
2710	do	Edward Parhaum	do	2 2 6
57 19 1700	do	C I Frinfrod	do	1
$2720 \\ 2721$	J uo	Daniel Venhel	40	1
2121	do	T Q Milnog	do	8
2700	do	Polph Engle	do	5
51 Zű 5794	do	O Vorobor	do	4
4 <i>1 2</i> 9	do	T N Topog	do	1 7
2700	oldo	C P Sincloir	1 do	4 4 8
2727	do	A O Magnuson	do	0
2727	do	Della Dagara	do.	9
41 ZC	do	V C Brown	do	4
412t	do	D. L. Scroggin R. Hofstetter O. W. Van Petten G. H. Reilly Edward Berbaum C. L. Frinfrock Daniel Vaubel J. S. Milnes Ralph Engle O. Kercher T. N. Jones C. R. Sinclair A. O. Magnuson Della Rogers K. G. Brown E. E. Fiero Martin Dupray F. C. Hare	do	. 3
2730	do	Montin Dunner		6
2/3	uu	E C Hore	do	0
4134	do	Martin Dupray F. C. Hare Nellie R. Roberts All Prickett	do	1:
2733 2734	do	All Drielrott	do	i
2139 0721	i	Colvin White	do	9
4100	7u0	Doorl W Achton	do	1 1
2/3t	7uo	All Fricket. Calvin White. Pearl W. Ashton D. L. Geyer. Marie Hubbard. Alice V. Hamilton. W. J. Broadhead. W. C. Carr	do	20 12 2 4
413	(Ju0	Morio Hubbard	do	1 4
4/38	Jao	Alice V Hemilton	do	1 1
415	7 uv	Truco A. training		1 1
074	N 40			

)	Date.	To whom.	For what.	Amou
	1912.			
42	Aug. 31	A. Raut. J. K. Walton. K. A. McCaskill.	Wages, August, 1912	\$ 35
43	do	J. K. Walton	do	14
44	do	K. A. McCaskill.	do	37
45	do	K. A. McCaskill Chester Turner Arthur Turner E. P. Hermann E. P. Dobins Frank Fogarty Wm. Fogarty W. G. Hixon Edward Hargan Samuel Hanson Frank Irvine James Irvine Arthur Moran	do	41
46	do	Arthur Turner	do	10
47	do	E. P. Hermann	do	45
48	do	E. H. Dobbins	do	27
49	do	Frank Fogarty	do	52
750	do	Wm. Fogarty	do	54
751	do	W. G. Hixon	do	49
752	do	Edward Hargan	do	59
53	do	Samuel Hanson	do	61
54	do	Frank Irvine	do	63
55	do	James Irvine	do	52
56	do	Arthur Moran	do	50
57	do	Louis Pro	do	51
58	do	John Snyder	do	53
59	do	A. Baumbartner	do	81
60	do	Asa Danman	do	81
61	do	James Irvine Arthur Moran Louis Pro John Snyder A. Baumbartner Asa Danman B. L. Reed A. Bevis C. A. Denman R. T. Stull V. H. Cartwright Varne Manley R. K. Hursh H. H. Bartells W. H. Sellards H. P. Ottman Clyde Hamlin Gordon Klein H. M. Millizen D. B. Walker Walter Pollitt H. F. Gonnerman B. L. Morehouse Robert Pergande Ethel Manley Daniel Vaubel Marione E. Sparks Leroy Lang Florence E. Smith Amos Wright Wm. Langhoff E. Ethyl Bradley C. W. Hudleson Don Summers Wesley Wilson Wm. Wilde Wm. Wascher August Warmbler J. H. Vandiventer I. F. Tillotson E. L. Throp Wm. Templin C. L. Struble Frank Stateler D. C. Sprinkle W. J. Smith Ed. Richards S. A. Porter Louis Obriant Dean Summers J. R. Newton Jesse Myers Elizabeth Muhleman M. W. Murphey Ruthe E. Murphey J. E. Morgan John Miller Dan Meneely J. L. Martin.	do	49
62	do	A. Bevis	ao	148
63	do	C. A. Denman	do	109
64	do	R. T. Stull	do	100
65	do	V. H. Cartwright	do	30
66	do	varne Manley	do	3.
67	do	K. K. Hursh	do	100
68	do	H. H. Bartells	do	69
69	do	W. H. Sellards	do	1
770	do	H. P. Ottman	do	5
771	ao	Clyde Hamin	do	30
772	do	Gordon Klein	do	4
773	do	H. M. Millizen	do	4
774	ao	D. B. Walker	do	2
775	do	Walter Pollitt	do	4:
776	ao	H. F. Gonnerman	do	8
777	do	B. L. Morenouse.	do	1 . 8
778	ao	Robert Pergande	do	. 8
779	do	Etnei Manley	do	. 6
780	do	Daniel Vaubel	do	. 4
181		Marione E. Sparks	do	2
782	do	Leroy Lang.	Salary, August, 1912	3
183		Florence E. Smith.	Salary, Aug. 20-31, 1912	2
184		Amos wright	wages, August, 1912	8
(80 700	do	W III. Langhoii		7
180		E. Ethyl Bradley	do	i
700	do	Don Cammond	00	3
788		Don Summers	ao	9
700	do	Wesley Wilson		9
701		Will. Wilde	00	6
700	uo	A regret Wearshier		6
702	do	T U Vandivantor	do	9
704	do	T F Tilloteon		6
70F	do	E I Thron	uu	9
70¢	do	Wm Tamplin	do	7
707	do	C. T. Struble	do.	2
702	do	Frank Stateler	do	6
700	do	D C Sprinkla	do	5
รกก	do	W. J. Smith	do	10
กา	do	Ed. Richards	do	9
302	do	S. A. Porter	do	) ğ
303	. do.	Louis Obriant	l do	ľi
304	do	Dean Summers	1 do	3
305	do.	J. R. Newton	1ão	7
306	do	Jesse Myers		6
307	do	Elizabeth Muhleman	do	š
308	do.	M. W. Murphey		. ğ
309	do	Ruthe E. Murphey		5
310	do	J. E. Morgan	do	4
311	do	John Miller		5
312	do	Dan Meneely	do	5
313	do	I. L. Martin	do.	ľi
814	do	A. J. McAlister	do	7
315	do	Wm. Leach		7
316	do	John Miler Dan Meneely J. L. Martin. A. J. McAlister Wm. Leach A. Langhoff E. W. Justus Walter Jones Chas. Hill B. J. Holforty	40	7
417	do	E. W. Justus	do	10
318	do	Walter Jones	1 do	50
310	do	Chas. Hill B. L. Holforty	do	9
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<del>u</del> v	9

Vo.	Date.	Harry Higgens T. O. Henderson. C. H. Havens Guy Fox. J. C. Fiscus Louis Fender Fred Fender Thos. J. Fay. Howard Downing E. P. Dibble Pete Davis F. Crathorne J. S. Clark John Ceduskey Thos. Butler John Brannagan Jas. Brannagan Jas. Brannagan M. C. Booher Geo. Boyer A. J. Booker W. M. Birdzell Wm. Beacher C. A. Dunseth WH. Clark V. R. Barnes P. Adams C. E. Arrington W. M. Atwell J. E. Bailey R. W. Baldwin Harry Brown Basil Brown D. M. Bullock Jos. Davis J. J. Fiscus C. Y. Freeman W H. Graybeal Sell Hamlin Ross Hutton P. S. Jeffers Margaret Jones J. A. J. Kliem Fred Langhoff E. C. Lewis A. C. Litton Thos. Long Frances E. McClughen Jas. McCulough H. H. Mahorney O. E. Meenach C. M. Miller Uriah Moreland Rebecca Morgan Jasob Mikolaus Frank Perry J. F. Purkins Wm. Quinn A. Servis Geo. Toy Geo. Tourner Henry Turner Ed. Wharnby D. R. Hull Clarence Scholl Geo. Bost Spring Valler M. J. Spohn C. J. Roweberry G. A. Cutler L. R. Weckerley	For what.	Amou
	1912.		•	
2821	Aug. 31	Harry Higgens	Wages, August, 1912	\$ 76 100
2822	do	T. O. Henderson	do	100
2823	. do	C. H. Havens	do	108
2824	do	Guy Fox	do	68
2825	do	J. Č. Fiscus	do	99
2826	do	Louis Fender	do	. 66
2827	do	Fred Fender	do	93
2828	do	Thos. J. Fav	do	93
2829	do	Howard Downing	do	5
2830	do	E. P. Dibble	do	74
2831	do	Pete Davis.	do	60
2832	do	F. Crathorne	do	78
2833	do	J. S. Clark	do	9:
2834	do	John Ceduskey	do	5
2835	do	Thos. Butler	do	4
2836	do	John Brannagan	do	73
2837	do	Jas. Brannagan	do	73
2838	do	M. C. Booher	do	8
2839	do	Geo. Boyer	do	6
2840	do	A. J. Booker	do	9
2841	do	W. M. Birdzell	do	8 6 9 3 5 9
2842	do	Wm. Beacher	do	5
2843	do	C. A. Dunseth	do	9
2844	do	W H Clark	do	9
2845	do	V. R. Barnes	do	9
2846	do	P. Adams	do	1 2
2847	do	C. E. Arrington	do	6 5
2848	do	W. M. Atwell	do	5
2849	do	J. E. Balley	do	6
2850	do	R. W. Baldwin	. do	5
2851	do	Harry Brown	. do	. 6
2852	do	Basii Brown	. do	55665226555445557566
2853	do	D. M. Bullock	. do	5
2854	ao	Jos. Davis	. do	9
2800	do	J. J. Fiscus	. do	9
2000		C. 1. Freeman		2
2007	do	W H. Gray Deal	do	. 0
2002 0020		Sell Hamin		. 9
400ช กอลก		D C Toffens		1 5
2000 0021		Monganet Issae		1 %
2001	do	T A T IZliam		1 2
2002	do	Fred Longhoff		1 2
2864	do	E C Lowie	do	9
2865	. do	A C Litton	do	1
2866	do	The Long	40	9
2867	do	Frances E McCharbon	do	5553
2868	do	Tag McCulough	do	1 2
2869	do	H H Mahorney	do	1 5
2870	do	O E Meensch	do	
2871	do	C M Miller	do	3
2879	do	Uriah Moreland	do	5
2873	do	Rebecca Morgan	ob	. 4
2874	do	Jacob Mikolaus	do	1 6
2875	do	Frank Perry	do	6 2
2876	do	J. F. Purkins	do	5
2877	do	Wm. Quinn	do	5 6 4
2878	do	A. Servis.	do	] 4
2879	do	Geo. Toy	do	. 5
2880	do	Geo. Turner.	do	.] 5
$288\bar{1}$	do	Henry Turner	. do	. Š
2882	do	Ed. Wharmby	do	. 5
2883	do	D. R. Hull	.ldo	Ĭ
2884	do	Clarence Scholl	Salary, August, 1912	.) 6
2885	do.:	Geo. Bost	Butter	.]
2886	do	Spring Valley Creamery Co	[do	.1
2887	do	F. R. Palmer	do	
2888	do	M. J. Lubner	do	5 5 5 1 6
2889	do	Geo. Deardorf	do	1 -
2890	do	Abingdon Creamery Co	do	1
2891	do	Dewitt Smith	do	1
2892	do	W. F. Conway	do	1 ' '
2893	do	Reno Equity Exchange	do	
2894	do	M. E. Simonson	. do	) '
2895	do	A. J. Spohn	ao	1 '
2896	do	Cnas. Fudes	ao	
2897	do	J. R. Newberry	do	1
2898	do	G. A. Cutler	ao	
		II. K WARRATIAT	1 (10)	1 1

0.	Date.	To whom.	For what.	Amo
000	1912.	W. R. Olinger O. W. Albright J. C. Anderson B. Winchester Theodore Frison Wesley Hoffman Frank Hardy H. O. Smith H. E. Crouch H. F. Rhodes E. G. Misner D. S. Fox C. E. Ladd L. D. Lahr J. J. Harbert H. T. Lundquist G. E. Wright O. P. Smith R. S. Gregg B. F. Taber Meeker-Magner Co S. W. Shatuck R. C. Wagner & Son Hoagland's Livery & Garage A. F. Krueger H. C. Wheeler H. F. T. Fahrnkopf H. C. Gilkerson Flora M. Sims Jas. Swangle. German Kali Works G. J. Pfeffer J. L. Edmonds Ralph Hilscher Edward Bartow. W. G. Stronguist	Deutton	
900 001	Aug. 31	W. R. Ulinger	Butter	\$
$901 \\ 902$	do	J. C. Anderson	do	l
903	do	B. Winchester	Wages, August, 1912	4
904	do	Theodore Frison	do	9
905	do	Wesley Hoffman	do	9
906	do	Frank Hardy	do.,	7 5
907	do	H. O. Smith	do,	5
908		H. E. Crouch	Balance, August, 1912	1
909 010	do	F C Migner	wages, August, 1912	8
011	do	D S Fox	do	8
912	do	C. E. Ladd	do	8
$9\bar{1}\bar{3}$	do	L. D. Lahr	do	5
914	do	J. J. Harbert	do	5
915	do	H. T. Lundquist	Salary, August, 1912	5 11
16	do	G. E. Wright	Wages, August. 1912	11
17	do	O. P. Smith	do	8 5
118	do	R. S. Gregg	do	5
119	do	Mooker Magner Co	Promium	94
120	do	S W Shatfuck	Expenses	24 1
22	do	R. C. Wagner & Son	Coal	4
23	do	Hoagland's Livery & Garage	Livery.	10 3
24	do	A. F. Krueger	Expenses	î
25	do	H. C. Wheeler	do	10
26	do	H. F. T. Fahrnkopf	do	3
27	do	H. C. Gilkerson	Expenses	3
28		Flora M. Sims	Gamant mank	
29	do	Jas. Swangie	Sulphoto of notosh	10
21	do	G T Pfoffor	Corn	35
32	do	I. I. Edmonds	Expenses	19 35 2 8
33	do	Ralph Hilscher	do	2
34	do	Edward Bartow	do	8
35	do	W. G. Stromquist	do	3, 00 3
36	do	W. C. Zimmerman	Services	3,00
37	do	V. Jobst & Sons	Labor	3
38		Allie Lamb	Wages, August, 1912	10 01
39	Sept. o	Wolfor & Dooms Agents	Payment on contract	10, 91
41	Sent 4	I V Stavenson	Evnenses	1
42	do	Lindsey Reese	-do-	18, 91 50 14
43	do	A. W. Nolan	.do	4
44	do	Augusta D. Evans	do	. 1
45	do	Nelle Dickinson	Services	. 1
46	do	J. D. White	Payment on contract	54
47	do	C. E. Ladd.	Expenses	2
48	do	A. W. Fischer	do	$\frac{\overline{3}}{2}$
49	do	Lohn Releam	do	1
5U 51	do	H F Bhodes	do	2
52	do	WI. Fraser	do	8
53	do	. G. Misner	_do	3
54	do	F. A. Pearson	do	9
55	do	B. L. Bowling	Wages, August, 1912	2
56	do	The Snoad & Co. Iron Works	Wall ranges.	61 61 3
57	do	T. P. Sifford	Field expenses	39
58	do	H. A. Aldrich	do	2
09	op	U. E. DUISt	Exposes	2 22
UU	uo	Control Architectural Trop Works	Tron work	22
go	do	H P Rusk	Expenses	3
621	do.	S. T. Wallage	1. do	
64	do	J. M. Lindgren	Analyses.	2
$6\hat{5}$	do	H. A. Hollister	Expenses.	2
66	do	L. A. Fulwider	do	
67	do	8. V. Holt	do	14
68	do	J. R. Wells	do	3
69	do	W. F. Handschin	1	1
70	do	German Kall Works G. J. Pfeffer J. L. Edmonds Ralph Hilscher Edward Bartow W. G. Stromquist W. G. Stromquist W. G. Stromquist V. Jobst & Sons Allie Lamb V. Jobst & Sons McKey & Poague, Agents J. V. Stevenson Lindsey Reese A. W. Nolan Augusta D. Evans Nelle Dickinson J. D. White C. E. Ladd A. W. Fischer D. S. Fox John Balcom H. F. Rhodes W. J. Fraser G. Misner F. A. Pearson B. L. Bowling The Snoad & Co. Iron Works T. P. Sifford H. A. Aldrich C. E. Durst W. S. Perrine Central Architectural Iron Works H. P. Rusk S. T. Wallage J. M. Lindgren H. A. Hollister L. A. Fulwider S. V. Holt J. R. Wells W. F. Handschin S. C. Skemp H. A. Winter K. J. T. Ekblaw P. S. Haner J. P. Stout D. O. Barto H. A. McKeene J. H. Carter W. H. Carter W. H. Carter W. H. Calliher	wages, August, 1912	1) 6
71	pept. 5	H. A. WHITEL	Evnences	10
72	uo	P S Haner	Expenses and services	1.
74	do	J. P. Stout	Services	1
75	do	D. O. Barto.	Expenses	18
76	do	H. A. McKeene	Expenses and services	18
77	do	J. H. Carter	Field expenses	74 56
		*** ** O 3121		5.6

о.	Date.	To whom.	For what.	Amou
0070	1912.	D C Dialrott	Fynongog	\$ 35
2979 080	ado. a	B. S. Pickett. O. S. Watkins. E. B. Walton. Wm. Aten, Sr. Frank Morgan. A. Rettinghouse. G. G. Willia	do do	\$ 35 64
2000 2021	do	E B Welton	do	109
0022	do	Wm Aton Sr	Field avnances	21
0023	do	Fronk Morgan	do	67
1000 1000	do	A Dottinghouse	Pood oil	10
2985	do	G. C. Willis	Cotton	10
				89
1000	do	Western Electric Co	Soods	
2001	do	Vaughans Seed Store. Buffalo Meter Co. Illinois State Penitentiary. W.A. Beasley. W.A. Beasley. Joseph T. Ryerson & Son. Bennetts Newspaper & Magazine Agency Standard Oil Co. The Garlock Packing Co. General Electric Co.	Motors	114
2000	uo	Illinois State Penitentiery	Furniture and brooms	1119
หอดย	do	Woldenberg & Cobser	T observe and proofits	113
2990	100	woldenberg & Schaar	Laboratory supplies	290
MUUU		Togonh D. Devorgen & Com	Ctool and materials	93
2002		Description of Soft	California di anno di la calca	23
1004	ao	Bennetts Newspaper & Magazine Agency	Subscription and books	11
1005	00	Standard On Co	Dackings	42
1995	ao	The Garlock Packing Co	Packings	87
3990	ao	General Electric Co	Supplies	15
2997	ao	Crane Co	Pipe, vaives, etc	360
2998	qo	Eugene Dietzgen Co	Drawing stand and paper	23
2999	ao	The roley Mig. Co	material and labor	2,000
1000	qo	D. K. Lee	Manual in the state of the stat	49
1000	ao	The Champaign Daily Gazette	Advertising	1.8
002	αο	Crane Co. Eugene Dietzgen Co. The Foley Mfg. Co. D. R. Lee The Champaign Daily Gazette. Central Electric Co. S. E. Ore. H. R. Fishback.	Electrical supplies	142
5003	do	S. E. Ore.	wages, August, 1912	24
5004	ao	H. K. Fishback	wages, July 21 to September 6,	
8005	Sept. 6	H. Cherry	Milk	]
3006	do	R. W. Graham.	]do	9
3007	do	T. N. Burwash	do	]
8008	do	J. M. Stickrod	do	31
3009	do	P. P. Dunn	do	
3010	do	E. W. Smalley	do	1
3011	do	J. H. Schwengel	do	14
3012	do	Jas. Freeman	i.do	8
3013	do	Geo. Taylor	do	8
3014	do	John Weiss	do	18
3015	do	C. Allen	do	1 8
3016	do	T. A. McCracken	do	1 2
3017	do	J. A. R. Koch	do	1
3018	do	A. W. McDaniels	do	7
3019	do	I. H. Gordon	do	
3020	do	W. E. Yount	do	1
3021	do	W. H. Gray	do	{
3022	do	S. Atchison	do	{
3023	do	E. F. Lyons	do	8
3024	do	O. W. Hampton	do	6
8025	do	Fred Thompson	do	8
8026	do	W. H. Webb	do	1 :
027	do	R. W. Granam J. M. Stickrod J. M. Stickrod P. P. Dunn E. W. Smalley J. H. Schwengel Jas Freeman Geo. Taylor John Weiss C. Allen T. A. McCracken J. A. R. Koch A. W. McDaniels I. H. Gordon W. E. Yount W. H. Gray S. Atchison E. F. Lyons O. W. Hampton Fred Thompson W. H. Webb A. G. Guard J. B. Salliday	do	
028	do	J. B. Salliday M. Leigh G. H. Spencer	do	18
3029	do	M. Leigh	do	}
030	do	G. H. Spencer	do	1 5
3031	do	A. G. Krukewitt	do	. ا
032	do	A. G. Krukewitt J. M. Herriott C. C. Rayburn T. P. Lyons J. E. Henderson C. C. Gordon G. M. Seeber H. I. Nelson A. R. Grindley Van Carter J. H. Umbanhower J. W. Anderson D. W. Shiveley W. W. Meyer R. A. Lumsden G. F. Diefenbach	do	13
023	do	C. C. Rayburn	ao	
034	ao	т. г. цуons	ao	19
5035	do	J. E. Henderson		1,5
036	qo	v. v. gordon	ao	1:
5037	do	G. M. Seeder	do	10
038	do	H. I. Nelson.		;
1039	do	A. K. Grindley		؛ ا
040	ao	van Carter		
5041	ao	J. H. Umpannower	ao	1 :
5042	qo	J. W. Anderson		
5043	αο	D. W. Sniveley		1'
044	ao	w. w. meyer		3
5045	ao	K. A. Lumsden		6
046	ao	G. F. Diefenbach C. A. Fogel W. C. Welch		1 1
SU47	do	C. A. Fogel	do	14
5048	do	w. c. Welch	do	1 1
				18
050	do	John McCullough E. J. Percival	do	9
3051	do	John McCullough	- · do	
3052	do	E. J. Percival	do	
(1)5:3	l do	Heavid Wilking	1 40	1 (
3054	do	Geo. Herriott. C. W. Hamm. H. J. Moorehouse.	do	14
055	do	C. w. Hamm	do	1 .5
	do	H. J. Moorehouse	do	18

0.	Date.	To whom.	For what.	Amo
	1912.	T M. Ghere. W. F. Hampton W. H. Besore. W. H. Frame W. J. Wilson E. S. Hays Mrs. I. Ellrod. D. S. Herriott John Godsell Pearl Hazen R. S. McInnes S. Guinn F. H. Busey Burt Rayburn L. F. Lindsey G. C. Gordon G. W. Van Meter Frank Knox H. M. Corray J. E. Haney J. M. Smith J. B. Marsh Mrs. Cora Stacker J. C. Anderson L. F. Hay. C. J. Gillespie B. Jordan L. P. Rayburn H. Buhs. E. P. Grove Len Rayburn L. H. C. Vertingen		
057	Sept. 6	T M. Ghere	Milk	\$ :
058	do	W. F. Hampton	do	
บอษ กรก	do	W. H. Besore	do	
061	do	W T Wilson	do	
062	do	E. S. Havs	do	
063	do	Mrs. I. Ellrod	do	
064	do	D. S. Herriott	_do	
065	do	John Godsell	do	•
066	do	Pearl Hazen	do	1
067	do	R. S. McInnes	do	
068	do	S. Guinn	do	Ι΄.
070	do	P. H. Busey	do	}
070		Durt Rayburn		,
072	do	G C Gordon	do	
073	40	G W Van Meter	do	١ ,
774	do	Frank Knox	do	]
075	do	H. M. Corray	do	
076	do	J. E. Haney	do	]
)77	do	J. M. Smith	do	]
)78	do	J. B. Marsh	do	1
)79	do	Mrs. Cora Stacker	do	
180	do	J. C. Anderson	do	]
181	ao	J. F. Hay	00	:
182	uo	R Jordan	do	:
184	do	T. P Rayburn	do	
185	do	H Buhs	do	
86	do	E. P. Grove	.do	
87	do	E. Grove	do	
088	do	Len Rayburn	do	]
089	do	H. C. Kaufman	do	
90	do	Geo. Schiff	do	. ,
)91	do	A. F. Dyson	.,do	١.
192	do	C. Ross	do	1
หล	do	Dou Creiger	00	
105	do	D T Lumedon	do	, 4
196	do	F W Toylor	do	,
97	do	H. Wascher	_do	
98	do	Nicholas Hahn	do	j
99	do	S. Herriott	do	
00	do	W.J. Collins	do	1
.01	do	L. B. Souder	Rug cleaned	]
.02	do	Sears, Roebuck & Co	Oil	
03	do	L. F. Nails	Bottles	2
05	uo	O Douglass	Puttor culture	٠
00.	do	S E Dillayou	Supplies	
07	do	The Julia F. Burnham Hospital	Room and hoard	36
08	do	Creamery Package Mfg. Co.	Supplies	- `
.09	do	J. B. Bennett	Drain	,1
10	do:	H. Buhs. E. P. Grove. E. Grove. Len Rayburn. H. C. Kaufman. Geo. Schiff. A. F. Dyson. C. Ross. Lou Creiger T. F. Jordan. R. T. Lumsden. F. W. Taylor H. Wascher. Nicholas Hahn. S. Herriott. W. J. Collins. L. B. Souder. Sears, Roebuck & Co. L. F. Nafis. Electric Coal Co. O. Douglass. S. E. Dillavou. The Julia F. Burnham Hospital. Creamery Package Mfg. Co. J. B. Bennett. The Homestead Co. J. H. Rice & Co. The Saffell Co. Stafford Engraving Co. The Miller Harness Co. Link Belt Co. Stafford Engraving Co. The Miller Harness Co. Link Belt Co. W. T. Littig & Co. W. T. Littig & Co. W. T. Littig & Co. Champaign Gas & Electric Supply'Co. Champaign Gas & Electric Supply'Co. Campbell & Spalding.	Books	10
11	do	J. H. Rice & Co	Glass	2
12	do	The Saffell Co	Hardware	
13	do	Stafford Engraving Co	Halitones	1
14	00	The Miller Harness Co	Harness sundries	
15	op	LINK BOIL CO	Cham	] ]
쓂	uo	W Lawis & Co	F HOWGERVUI'S	1
16	do	Fagla Machina Works	Cornetion supports	1
19	do.	Derrough & Co	Suppli s	١,
20	do	Champaign Gas & Electric Supply Co	Bushings	
$\tilde{2}\tilde{1}$	do	Campbell & Spalding	Horse shoeing.	4
22	do	Chicago Retort & Fire Brick Co	Fire brick	29
23	do	P. Adams.	Labor	
24	do	Derrough & Co. Champaign Gas & Electric Supply Co. Campbell & Spalding. Chicago Retort & Fire Brick Co. P. Adams Electric Appliance Co. Geo. B. Carpenter & Co. W. J. Boehm Baker & Co., Inc. National Carbon Co. Stock Yards Harness & Saddlery Co. Hoaglands Livery & Garage. The American Jersey Cattle Club. H. Mueller Mfg. Co. Whiting Foundry Equipment Co. The American Contractor Automatic Electric Co.	Motors	1 2
25	do	Geo. B. Carpenter & Co	Shades	] ]
26	do	W. J. Boehm	Laboratory apparatus	2
27	do	Baker & Co., Inc.	Supplies	1 6
28	do	National Carbon Co,	Carbons	]
29	do	Stock Yards Harness & Saddlery Co	Carbons Harness Livery Entry fees Calking irons Motor, trolley and bridge Advertising Electric appliances.	. 6
.50		The American Larger Cettle Clark	Enter food	, ,
91	uo	H. Mueller Mfg. Co.	Colling irons	
32	uo	Whiting Foundry Equipment Co	Motor troller and bridge	61
34	do	The American Contractor	Advertising	61 6
		Automatic Electric Co	TETA A OI MOTHER	_

0.	Date.	The United States Aluminum Co. The Chas. A. Sterling r Co. Schaffer & Budenberg Mfg. Co. Lucien Wheatly. Best Mfg. Co. Kinsey & Mahler Co. International Acheson Graphite Co. Chemdler & Taylor Co. New York Incadescent Lamp Co. Johnson Brothers. Chivers Book Binding Co., Inc. The Willis Music Co. Scientific American. A. C. McClurg & Co. Lemcke & Buechner. The Springfield Evening News. Illinois State Journal Co. The Manual Cor. The Manual Arts Press. Morris & Co. Central Scientific Co. Swift & Co. Central Scientific Co. Swift & Co. Chicago Fire Proof Storage Warehouse Irving-Pitt Mfg. Co. Builders Iron Foundry. O. E. Staples, Chief Clerk. O.	For whom	Amou
	1912.		· i	
136	Sept. 6	The United States Aluminum Co	Tubing	\$ 1
137	do	The Chas. A. Sterling r Co	Laboratory tools	26
138	do	Schaffer & Budenberg Mfg. Co	Tachometer	42
139	do	Lucien Wheatly	Supplies	2
140	do	Best Mig. Co	Pipe and valves	244
141	ao	Kinsey & Mahler Co	Castings	12
142	ao	International Acneson Graphite Co	Electrode	240
143	do	Chandler & Taylor Co	Lingine	240
144	do	New York Incadescent Lamp Co	Dina	40
140		Chiraga Pack Pinding Co. Inc.	Pooleg	1
147		The Willia Music Co.	do	6
1/8		Cointific American	do	1 9
140	do	A C McCharg & Co	do	69 69
150	do	Lameka & Ruschner	do	37
151	do	The Springfield Evening News	Advertising	Ğ
152	do	Illinois State Journal Co	do	Ì
153	do	The Macmillan Co	Books	. 1
154	do	Flanigan-Pearson Co	Printing	295
155	do	The Garden City Sand Co.	Sand	75
156	do	National Core Oil Co	Oil	. 19
157	do	The Manual Arts Press	Advertising	10
158	do	Morris & Co	Fertilizer	105
159	do	Central Scientific Co	Wire screen	17
160	do	Swift & Co	Fertilizer	43
161	do	The Ohio & Western Lime Co	Lime	3
162	do	Chicago Fire Proof Storage Warehouse	Storage	. 8
163	do	Irving-Pitt Mfg. Co	Supplies	. 1
164	do	Builders Iron Foundry	Color outfit	26 67
3165	do	O. E. Staples, Chief Clerk	Freight bills	67
3166	do	O. E. Staples, Chief Clerk	do	269
3167	do	O. E. Staples, Chief Clerk	Men's payroll	540
3168	do	O. E. Staples, Chief Clerk	Student's payroll	688
3169	do	O. E. Staples, Chief Clerk	Express	65
3170	do	O. E. Staples, Chief Clerk	Sundry bills	- 62
3171	do	John Harp	Payment on contract	340
3172	Sept. 7	C. C. Logan	Expenses	31
173	do	The Studebaker Corporation of America.	Surrey	. 22
3174	do	John McCullough	Corn	19
175	do	G. A. Garrison	Straw and oats	34
3176	do	E. S. Good	Expenses	78
3177	ao	Cushman Motor Works	Gasoline engine	40
178	do	F. R. Anderson	LIVery	40
1100	do	The Construction News Co	Pools	30
101		G. E. Stechert & Co.	do	28
1100	do	Who Commercial News	A dwartiging	280 13
1102	do	F Von Aletino	Evnances	14
2124	do	Dance Sutton	Field expenses	4
1125	do	F W Coult	Expenses	20
1186	do	Albert Tota	Field expenses	205
1127	40	P D Long	do	70
1138	do	Pantagraph Printing & Stationary Co	Printing	49
120	do	Reliable Plumbing & Heating Co.	Pipe and fittings	139
190	J. do	The Burr Co.	Foundry Work	8
3191	do	Percival & Moorehead	Supplies	Ĭ
1192	do	Lewis Electric Supply Co.	Electric supplies	2
193	do	S. E. Huff & Co.	Lumber, etc	19
3194	do	Chas. A. Hall Hardware Co	Hardware, etc	2
195	do	Saffell Co.	do	4'
3196	do	Jas. B. Clow & Sons	Pipe, etc	5
3197	do	Knowlton & Bennett.	Drugs, etc.	. 2
3198	do	The U. of I. Supply Store	Office supplies	9
3199	do	Twin City Roofing & Sheet Metal Works	Tin roofing, etc	42
3200	do	B. A. Strauch.	Slides, etc.	4
3201	do	D. H. Lloyde	Office supplies	10
3202	Sept. 9	L. J. Towne	Expenses	4
3203	.do	H. A. Hollister	do	1
3204	Sept. 10	Woldenberg & Schaar	Laboratory supplies	36
3205	do	Eimer & Amend	do	39
3206	do	Otto Rahn	Expenses	1
3207	do	Simplex Time Recorder Co	Records	12
3208	do	J. W. Dunlap	Payment on contract	12
<b>52U</b> 8	Jao	THE Tables & Tickes Co	Danets	
3210	do	E. P. Reichhlem & Co., Inc	Furnace	12 50
3211	do	C. J. Welch	Concrete work	50
3212	do	The Fuel Publishing Co	I A d vertising	1 1
3213	do	A. PixleySouthern Illinois Lumber Co	Hardware, etc	16
	1 40	Southern Illinois Lumber Co	Lumber, etc	: 40

o.	Date.	To whom.	For what.	Amou
	1912.	H. P. Corson J. W. Butler Paper Co. E. H. Sargent & Co. F. K. Robeson Leavitt Mfg. Co. Forest Glen Creamery Co W. D. Messinger & Co. W. A. Freschke. J. V. Stevenson. G. A. Garrison E. B. Frazier Roessler & Hasslacher Chemical Co. Geo. A. Ogle & Co. E. P. Collyer H. A. Ruehe John Crawford Illinois Printing Co. Tobey Furniture Co. Twin City Electric Co. W. A. Beasley J. Terquen & Cie. R. Friedlander & Sohn Otto Harrassowitz J. B. Lippincott Co. C. B. Richard & Co. S. O. Andros Macketh-Evans Glass Co. W. S. Tyler Co. H. L. Stafford J. E. McDonald Johnston City Coal Co. J. M. Webb. Bryan Marsh Electric Works		
3215	Sept. 10	H. P. Corson	Expenses	\$ 3
3216	do	J. W. Butler Paper Co	Paper	27
2010	00	E. H. Sargent & Co	Dry goods ato	462 180
3210 3910	do	Leavitt Mfg Co	Paper Laboratory supplies Dry goods, etc Foundry Work Butter Paper Washing	268
3220	Sept. 11	Forest Glen Creamery Co	Butter	4
3221	do	W. D. Messinger & Co	Paper	31 14
3222	do	White Line Steam Laundry	Washing	14
3223	do	Ward Brothers	Binders Furniture	9
3224	do	Alexander H. Revell & Co	Furniture	42
3225	[do	W. A. Freschke	Printing	41
3226	do	J. V. Stevenson	Salary, August, 1912	182
227		F P Fragier	Ctrown	42
1440 1990	do	Roseler & Heeslecher Chamical Co	Druge	25
230	do	Geo. A. Ogle & Co.	Atlas	10
231	do	E. P. Collver	Expenses.	52
232	do	H. A. Ruehe	do	17
3233	do	John Crawford	do	17
3234	do	Illinois Printing Co	Printing	131
235	do	Tobey Furniture Co	Furniture Printing Salary, August, 1912 Oats Straw Drugs Atlas Expensesdo do Printing Chairs Labor and materials Mason work	40 37 117
236	do	Twin City Electric Co	Labor and materials	37
207	00	W. A. Beasley	Mason Work	117
208 1920	o	P. Friedlander & Sohn	Books	45 47
240	do	Otto Harrassowitz	Booksdo	35
241	do	I. B. Lippincott Co.	_do	7
242	do	C. B. Richard & Co.	Brokerage, etc	1
243	do	S. O. Andros	Freightage	1
244	do	Macketh-Evans Glass Co	- do Brokerage, etc. Freightage Glass.	12
245	do	W. S. Tyler Co	Hass Screens. Expenses. . do	12 9 73
3246	do	H. L. Stafford	Expenses	73
3247	do	J. E. McDonald	do	75
3248	do	Johnston City Coal Co	Labor	2
3249	do	J. M. Webb	Expenses	64 282
200	ao	McManus & Trucker	Lamps	22
2050 2050	uo	D W Dielenson	Expenses	132
1202 1953	do	Honry Pfon	Field avnances	36
1254	do	John Rumer & Son	do	10
255	do	J. E. Readhimer	Expenses	235
3256	do	A. F. Gustafson	do	64
3257	do	Illinois Press Clipping Bureau	Clippings	5
3258	do	English Brothers	Payment on contract	10, 138
3259	do	Walker & Mulliken	Rugs, etc	39
3260	do	Westinhouse Electric & Mig. Co	Limestone Expenses . do . Clippings Payment on contract Rugs, etc Motor, etc Electric apparatus Corn Pullets	10, 138 39 100 450
5261	do	General Electric Co	Electric apparatus	32
1202	do	T B Bongyl	Pullate	25
1264	do	G A Garrison	Wheat etc	28 128
3265	Sept. 12	J. E. McDonald Johnston City Coal Co J. M. Webb Bryan Marsh Electric Works McManus & Tucker R. W. Dickenson Henry Pfau John Rumer & Son. J. E. Reachimer A. F. Gustason Illinois Press Clipping Bureau English Brothers Walker & Mulliken Westinhouse Electric & Mfg. Co General Electric & Co. C. B. Busey J. B. Benzyl G. A. Garrison The Audit Co. of Illinois A. W. Stoolman M. L. Nebel A. H. Daniels R. W. Dickenson Alfred Bergren J. H. Smith G. W. Matheny O. S. Fisher E. E. Hoskins G. M. Hinkley S. V. Holt A. L. Moats C. A. Campbell J. R. Wells J. B. Andrews M. E. Hinds M. W. Stoolman	Corn Pullets Wheat, etc. Auditing accounts Payment on contract Expenses Balance Salary, Feb.—Aug. 31, 1912 Expensesdodododo	171
3266	do	A. W. Stoolman.	Payment on contract	8, 415
3267	do	M. L. Nebel	Expenses	84
3268	do	A. H. Daniels	Balance Salary, FebAug. 31, 1912	350
269	do	R. W. Dickenson	Expenses	43
270	do	Alired Bergren	do	72
271	do	J. H. Smith		104
2072	uo	O S Fisher		81
274	- do	E. E. Hoskins	. d0	91
275	do	G. M. Hinkley	do	- 29
3276	do	S. V. Holt.	do	99
3277	do	A. L. Moats	Field expenses	36
3278	do	C. A. Campbell	Expenses	53 46
3279	do	J. R. Wells	do	46
3280	do	J. B. Andrews	. do	22
281	Jdo	M. E. Hinds	Meat. Payment on contract.	9.750
202		A. W. Stoolman	rayment on contract	2, 759
1400 1904	Debr. 13	The Cincinneti Fly Sereen Co.	Machine	83
7204 7225	do	Line omemian rry bereen co	Oate	15
3286	do	J. B. Andrews M. E. Hinds A. W. Stoolman Underwood Typewriter Co., Inc. The Cincinnati Fly Screen Co. Ludwig & Grady Cyphers Incubator Co. W. W. Barnard Co. American Rubel Loose Leaf Co. U. & C. Railway, Gas & Electric Co. L. R. Lang Freeman & Brooks John B. Bennett	Oats Instruments	18
3287	dodo	W. W. Barnard Co.	Hover	1 4
3288	3do	American Rubel Loose Leaf Co.	Binders	20
3289	do	U. & C. Railway, Gas & Electric Co.	Binders. Gas.	100
3290	odo	L. R. Lang	Expenses.	1
$329\bar{1}$	do	Freeman & Brooks	Expenses Labor and materials	459
3292			Sewer pipe	18
3293	3do	Wm. C. Pfeiffer Boiler Works	Steel materials	210

To.	Date.	To whom.	For what.	Amou
	1912.			
3294	Sent. 13	Will Burgner Traylor Engineering & Mfg. Co. W. E. Ekblaw	Hay	\$ 28
3295	do	Traylor Engineering & Mfg. Co. W. E. Ekblaw. Shore Instrument & Mfg. Co. Pantagraph Printing & Stationery Co. J. W. Butler Paper Co. Twin City Roofing & Sheet Metal Works S. E. Huff & Co. General Electric Co.	Apparatus	340
296	do	W. E. Ekblaw	Wages, September, 1912	35
297	do	Shore Instrument & Mfg. Co	Apparatus	57
298	do	Pantagraph Printing & Stationery Co	Printing.	273
299	do	J. W. Butler Paper Co	Paner	61
300	do	Twin City Roofing & Sheet Metal Works	Metal work	638
301	do	S F Unf & Co	Lumber ete	876
303	do	Caparal Floatric Co	Motorg	300
202		S. E. Hull & Co. General Electric Co. W. A. Beasley. A. Barr. Campbell & Spalding. Bronson Barlow. Frison Carriage Shop. The J. B. Ford Co. Champaign Seed Co. Reliable Plumbing & Heating Co.	Labor and materials.	300
202		W. A. Deasiey	Capor and materials	12
004		A. Barr	Sand, brick, etc	111
300	ao	Campbell & Spalding	Horse shoeing Expenses	10
306	do	Bronson Barlow	Expenses	24
307	do	Frison Carriage Shop	Supplies	
308	do	The J. B. Ford Co	do	25
309	do	Champaign Seed Co	Seed	۱ :
310	do do	Reliable Plumbing & Heating Co	Payment on contract	850
311	. do:	Byrd Milling Co	Corn	38
312	do	Byrd Milling Co. Opera House Drug Store.	Corn. Supplies	~
2312	do	F D Anderson	Conon howen etc	28
314	do	Pinchart Hardware Co	Cases, boxes, etc	4
1212	uo	Colleghon & Co	Hardware	
010	ao	Canagnan & Co	Books	30
210	ao	Т. н. F100d & Co	do	102
317	do	Opera House Drug Store. F. P. Anderson. Rinchart Hardware Co. Callaghan & Co. T. H. Flood & Co. E. L. Cole.	do	
OTO	uu	CHIVELS DOOKDINGING CO	do Fertilizer	10
319	do	Southern Illinois Penitentiary	Fertilizer	18
320	do	M. E. Hinds	Extra service	13
321	do	Illinois State Reformatory	Printing.	620
322	. do	D. M. Sims	Labor	179
323	do	Eigner Grocery Co	Groceries, etc.	5
224	30	C E Stochart & Co	Books	158
2005		Tohm II Domlo	TTJ	3:
0000		John H. Doyle	Hardware	) 2.
3326	ao	H. F. Chester	Drayage	5
327	do	Dennison Mfg. Co	Envelopes	
328	do	Edward Hatch	Drayage. Envelopes Plaster board. Expenses.	5
3329	Sept. 14	H. W. Mumford	Expenses	13
3330	do	N. W. Hepburn	do	17
3331	do	Illinois State Reformatory.  D. M. Sims Eisner Grocery Co. G. E. Stechert & Co. John H. Doyle H. F. Chester Dennison Mfg. Co. Edward Hatch. H. W. Mumford. N. W. Hepburn. P. Adams J. S. Milnes. W. H. Handschin. English Brothers.	do Grading Expenses	178
3332	do	J. S. Milnes	Expenses	- 34
3333	do	W. F. Handschin	do	
3334	do	English Brothers	Final payment on contract.	2,73
3335	do	Paul Hanson	Expenses	30
3336	do	W G Stromaniet	Expenses	2
2227	Sont 17	W D Dillahamar	.do	19
220	bept. 11	O T Duols	u0	1
220	uo	S. J. Duck	do	6
009	ao	Sewell-Clapp Mig. Co	Envelopes Bran and oil meal	1 0
340	ao	H. P. Stinespring.	Bran and oil meal	13
341	do	The Time Saver Co	Office supplies	43
342	do	Enterprise Foundry & Fence Co	Office supplies. Labor and materials.	18
343	do	The McLaughlin-Mateer Co	Crushed stone	4
344	do	W. F. Handschin English Brothers Paul Hansen W. G. Stromquist W. B. Pillsbury. S. J. Buck Sewell-Clapp Mfg. Co. H. P. Stinespring The Time Saver Co. Enterprise Foundry & Fence Co. The McLaughlin-Mateer Co. Lord Mfg. Co.	Crushed stone	, 1:
345	do	Gutta Percha & Rubber Mfg. Co	Fire hose	9
346	do	Putnam-Page Co	Dictating machine	24
347	do	E. F. Dillman	Straw	10
348	do	C. L. Berger & Sons	Meter	îĭ.
340	do	C I Welch	Concrete work	16
320	uv	American La France Direc Description	Fire hose etc	8
000	uu	Montgomers Ward Co	Complied	ı î
95T	թ <b>е</b> ը <b>ւ. 1</b> 8	monigomery ward & Co	Supplies	l ;
352	ao	O. F. Miller, Clerk	Sunary buis paid	1.
353	do	E. A. SWIIt	Expenses	1. 8
354	do	The McLaughlin-Mateer Co. Lord Mfg. Co. Gutta Percha & Rubber Mfg. Co. Putnam-Page Co. E. F. Dillman C. L. Berger & Sons C. J. Welch American LaFrance Fire Engine Co. Montgomery Ward & Co. C. F. Miller, Clerk E. A. Swift G. W. Smith C. M. Young. H. C. Wheeler R. W. Dickenson. Flora M. Sims J. H. Pettit	do	8
355	do	C. M. Young	do	14
356'	do	H. C. Wheeler	do	16
3571	do	R. W. Dickenson	ido	4
358	- do-	Flora M. Sims	do	i i
350	do	J. H. Pettit	do	2
360	do	I E Whitehurch	do	8
361	do	J. E. Whitchurch B. F. Gaines	Field expenses	1
OCT	uo	Fred Fells	Trigid evhemoses	12
002	do	Fred Falk.	do	
303	do	Central Electric Co.	Wire, fan, etc.	123
364	do	Western Electric Co	Electrical appliances	12
365	do	Bacon Bros	Supplies	2
2661	do l	C H Mills	Evnonces	(
367	do	E. Davenport H. H. Stoek F. C. Lincoln S. T. Wallage	ldō	48
368	. do.	H. H. Stoek	do	l î
360	do	F. C. Lincoln	dodo	26
		S T Wallage	do	58
370	do i			
370	d0	B. E. Powell R. D. Burnham	do	21

То.	Date.	To whom.	For what.	Amour
	1912.	A. F. Gustafson. D. R. Lee. The Burr Co. E. P. Lielich. A. F. Kreuger. D. L. Scroggin. B. S. Pickett. L. E. Foglesong. H. H. Lauer. H. J. Vanderbeck. H. P. Corson. H. F. T. Fahrnkopf. Jones-McDuffee & Stratton Co. Freeman & Brooks. Fritz & Goeldel Mig. Co. H. H. Powers. G. B. Brown. West Disinfecting Co. E. T. Benjamin. Wm. Sullivan. Southern Illinois Penitentiary. Stone & Forsyth. Geo. Strode. The Kny-Scheerer Co. Albrenne Stone Co. Dean Bros. Steam Pump Works. Buffalo Scale Co. H. W. Johns-Manville Co. Theodor Kundtz. Marshall Field & Co. Robert Homes & Bros. The Black Diamond. Linforth & Milburn. Pioneer Coal & Coke Co. Durand Steel Locker Co. Rogers-Brown & Co. Southern Illinois Lumber Co. J. L. Tarbox. C. C. Porter. Peoria Tent & Awning Co. C. A. Wever & Son. The Crown Press. Standard Underground Cable Co. Elimer & Amend. Partagraph Printing & Stationery Co. Illinois State Penitentiary Beethoven Trio. Geo. Poll. R. W. Wagner & Son. L. E. Frailey		
3373	Sept. 19	A. F. Gustafson	Expenses	\$121
3374	do	D. R. Lee	Foundry work Payment on contract Expenses Wages, September, 1912.	23
3375 2276	Cont 90	The Burr Co	Powment on contract	94 200
3370 2277	Sept. 20	A F Vrouger	Expenses	200
3378	do	D. L. Seroggin	Wages Sentember 1012	44
3379	do	B S Pickett	Expenses	19
3380	do	L. E. Foglesong	Expenses	. 69
3381	do	H. H. Lauer	do	85
3382	do	H. J. Vanderbeck	. do. Wages, August, 1912. Expenses do do. Glassware. Labor and materials.	45
3383	do	H. P. Corson	Expenses	16
3384	do	H. C. Gilkerson	do	. 37
3385	do	H. F. T. Fahrnkopf	do	34
3386	Sept. 21	Jones-McDuffee & Stratton Co	Glassware	8
5387 1900	do	Fritz & Cooldol Mfg. Co	Labor and materials	40
5388 2200	do	I II Downers	Furniture. Laboratory specimens.	101
530U 5009	do	G R Brown	Cow	101 74 50
2201	do	Wast Disinfacting Co	Soap	87
3303	do	E T Benjamin	Horse shoeing	16
3393	do	Wm. Sullivan	Horse shoeing. Rental	16 400
3394	do	Southern Illinois Penitentiary	Fertilizer	121
3395	do	Stone & Forsyth	Toweling.	. 31
3396	do	Geo. Strode	Awnings	31 80
3397	do	The Kny-Scheerer Co	Glass jars	130
3398	do	Alberene Stone Co	Stone tops	119
3399	do	Dean Bros. Steam Pump Works	Steam pumps	572 179
2400	do	Buffalo Scale Co	Awnings Glass jars Stone tops Steam pumps Scales Round transite duct	179
3401	do	H. W. Johns-Manville Co	Round transite duct	915
3402	do	Theodor Kundtz	Furniture Rug Shaking screen	716
3403		Debart Heres & David	Chalima annon	30 175
34U4		The Pleak Dismond	Backing screen	170
9400 9010	do	Tinforth & Milhum	Chaft got	15
2400 2407	do	Pioneer Cool & Colso Co	Cool and coles	9/13
3408	do	Durand Steel Locker Co	Packs	330
3400	do	Rogers-Brown & Co	Pig iron	243 339 330
3410	do	Southern Illinois Lumber Co	Lumber	16
3411	do	J. L. Tarbox	Shaking screen Book Shatt set. Coal and coke. Racks. Pig iron Lumber Lumber, etc. Rental Stack covers.	577
3412	do	C. C. Porter	Rental	16 577 17
3413	do	Peoria Tent & Awning Co	Stack covers	141
3414	do	C. A. Wever & Son	Labor and materials	223
3415	do	The Crown Press	Halftones, etc	18
3416	do	Standard Underground Cable Co	Cable, paper	232
3417	do	Eimer & Amend	Laboratory supplies	795 345 493
3418	do	Pantagraph Printing & Stationery Co	Printing	345
3419		Dooth over This	Pacital	100
342U	sept. 23	Can Poll	Throshing ata	100 136 20
04 <i>0</i> 1	do	Geo. Poll. R. W. Wagner & Son. L. E. Frailey	Houling corn	100
2492	do	T. E. Frailay	Wages August and Santamber	20
7720		15. 15. Francy	1912	72
3424	do	H. A. Hollister	Expenses	
3425	do	G. E. Crscallen	Examiner	32
3426	Sept. 24	E. W. Washburn	Expenses	60
3427	do	H. A. Winter	Stack covers. Labor and materials. Halttones, etc. Cable, paper Laboratory supplies. Printing. Furniture. Recital. Threshing, etc. Hauling corn. Wages, August and September, 1912. Expenses. Examiner. Expensesdo.	20
3428	do	L. E. Frailey  H. A. Hollister G. E. Crscallen E. W. Washburn H. A. Winter E. D. Leilich S. J. Buck G. M. Hinkley Earl Garver A. W. Nolan R. E. Brand Frank K. Klasen F. W. Gault A. B. Payne J. G. Mosier Geo. E. Miller S. V. Holt O. E. Staples, Chief Clerk H. B. Dorner J. J. Gardner O. S. Watkins A. J. Gunderson Henry Scherer B. C. Croll Eisner Grocery Co Campbell & Spalding U. & C. Ry., Gas & Electric Co P. Adams	Payment on contract	
3429	do	S. J. Buck	Expenses	29
3430	do	G. M. Hinkley	Fayment on contract. Expenses Field expenses Expenses . do . Livery charge Expenses Labor and material Expenses	22
3431	do	Earl Garver	Expenses	30
3432	do	A. W. Nolan	do	13
433	do	K. E. Brand	ao	73
3434	qo	Frank K. Klasen	Livery cnarge	1 . 41
1435	αο	A D Dame	Lxpenses	121 818
1430		A. D. Fayile	Exponent	818
940/ 9689	do	Gao E Miller	.do.	29
2420	do	S. V. Holt	do	90
3440	Sept. 25	O. E. Staples, Chief Clerk	do. Rebates to students. Expenses.	623
3441	do 20	H. B. Dorner	Expenses	1 17
3442	do	J. J. Gardner		ii
3443	do	O. S. Watkins	do Field expenses Expenses Corn	25 30
3444	do	A. J. Gunderson	Expenses	30
$34\overline{45}$	do	Henry Scherer	Corn	10
3446	do	B. C. Croll.	Books	1 200
3447	do	Eisner Grocery Co	Groceries Horse shoeing.	28
3448	do	Campbell & Spalding	Horse shoeing	81
3449	do	U. &. C. Ry., Gas & Electric Co	Tar and wire	20
	46.	P Adams	Teaming	31

## ${\tt GENERAL~UNIVERSITY~WARRANTS-} \textit{Continued}.$

0.	Date.	To whom.	For what.	Amou
	1912.			
3451	Sept. 25	Twin City Ice & Cold Storage Co. S. E. Huff & Co. Illinois State Penitentiary. H. W. Johns-Manville Co. Percival & Moorehaed.	Ice	\$ 58 1,084 73
3452	do	S. E. Huff & Co.	Lumber, etc.	1.084
3453	do	Illinois State Penitentiary	Furniture	72
3454	do	H. W. Johns-Manville Co.	Pipe covering, etc	18
3455	do	Percival & Moorehaed	Hardware, etc	2
3456	do	H. P. Stinespring. Standard Oil Co. Lewis Electric Supply Co. The Urbana Courier Co.	Hardware, etc. Hay Oil, etc. Supplies Printing do	17
457	do	Standard Oil Co	Oil, etc.	51
458	do	Lewis Electric Supply Co	Supplies	2
3459	do	The Urbana Courier Co	Printing	
1460	do	The Urbana Courfer Co.  Flanigan-Pearson Co.  M. Lowenstern & Son Pittsburg Meter Co. Library Bureau.  Twin City Roofing & Sheet Metal Works O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk W. E. Staples, Chief Clerk U. W. W. Lindley, Postmaster Woldenberg & Schaar Illinois State Reformatory The Champaign News	do	272
3461	do	M. Lowenstern & Son	Dry goods	3
3462	do	Pittsburg Meter Co	Disc and spindle	10
3463	do	Library Bureau	Furniture	48
464	do	Twin Čity Roofing & Sheet Metal Works	Galvanized iron, etc	4
3465	do	O. E. Staples, Chief Clerk	Students' payroll	1,46
3466	do	O. E. Staples, Chief Clerk	Express	1 8
467	do	O. E. Staples, Chief Clerk	Sundry bills	54
3468	do	O. E. Staples, Chief Clerk	Freight	43:
3469	do	W. W. Lindley Postmaster	Postage	569
3470	do	Woldenberg & Schaar	Laboratory supplies	1, 077
3471	do	Illinois State Reformatory	Printing	103
472	do	The Champaign News	Advartising	10
473	do	E P Leilich	Advertising	49
474	Sept. 26	Illinois Glass Co	Sunnlies	2
475	do	E. P. Leilich. Illinois Glass Co. The Chas. A. Strelinger Co.	SuppliesdoBrass rods	
			Bross rods	79
477	do	Foonomia Goology	Books.	4
478	do	The A KWOOD Mig. Co Economic Geology The Whitaker Paper Co. P. S. Campbell F. K. W. Drury Merck & Co. Ideal Desk Extension Co.	Paper	. 10
470	do	D S Compbell	Printing.	1.
480	do	T W Driver	Refund	2
121	do	Morely & Co	T -b contour grammling	6
165	do	Ideal Deal Extension Co	Laboratory supplies Furniture Map case and roller Supplies Brick Drain tile	ı,
100	do	Coder Teiner Co	Furniture	
100		A sthess O Decel-	Map case and roner	
401	do	Arthur T. Burlass	Supplies	
100		Tolon D. Darrastt	Brick	
1400		John B. Bennett	Drain the	, 36
1400	do	The New Britain Machine Co	Bench legs	
488	ao	Ideal Desk Extension Co. Goder-Heimann Co. Arthur T. Burlass. A. Barr. John B. Bennett. The New Britain Machine Co. Jas. B. Clow & Sons. Stover Mfg. Co. The Silver Mfg. Co. Stafford Engraving Co. Illinois Motor Car Sales Co. Tablet & Ticket Co. Metzler & Schafer Co. F. M. Foltz.	Drain tile Bench legs Pipe, valves, etc. Mill plate. Pulley. Halftone Livery charges Gummed letters. Groceries	43
489	ao	Stover Mig. Co	Mill plate	
490	do	The Silver Mig. Co.	Pulley	
491	ao	Stanord Engraving Co	Halitone	
492	ao	Illinois Motor Car Sales Co	Livery charges	
493	do	Tablet & Ticket Co.	Gummed letters	
3494	do	Metzler & Schafer Co	Groceries	
495	ao	F. M. Foltz	Gummed letters Groceries Blacksmithing Supplies Fans Window screens	15
490	ao	Frison Carriage Shop	Supplies	
497	do	U. & C. Ry., Gas & Electric Co	Fans	2
498	do	Walker & Mulliken	Window screens	2
499	do	T. W. Wood & Sons	Seeds	1.
500	do	F. S. Webster Book Co	Pencil sharpeners	15
OUT	do Sept. 30	The New Britain Machine Co.  Jas. B. Clow & Sons.  Stover Mfg. Co.  The Silver Mfg. Co.  Stafford Engraving Co.  Illinois Motor Car Sales Co.  Tablet & Ticket Co.  Metzler & Schafer Co.  F. M. Foltz.  Frison Carriage Shop.  U. & C. Ry., Gas & Electric Co.  Walker & Mulliken.  T. W. Wood & Sons.  F. S. Webster Book Co.  D. A. Abrams.	Seeds. Pencil sharpeners. Salary, September, 1912dododododododo	133
502	ao	U. U. Adams	ao	137
503	do	K. M. Alden	do	33
504	do	W. C. Allee	do	12
505	ao	F. N. Wood & Suis. F. S. Webster Book Co. D. A. Abrams C. C. Adams R. M. Alden W. C. Allee C. H. Allee C. H. Allee C. H. Allee C. H. Allee C. W. Alvord L. F. Anderson S. O. Andros June M. Ashley G. D. Bagley W. C. Bagley Margaret L. Bailey W. H. Bair I. O. Baker R. P. Baker E. C. Baldwin C. W. Balke Panzy Barger J. T. Barrett	do	30
506	do	C. W. Alvord	do	14
507	do	L. F. Anderson	do	20 12
508	do	S. O. Andros	do	12
509	do	June M. Ashley	do	30
510	do	G. D. Bagley	Scholarship, September, 1912	2
511	do	W. C. Bagley	Salary, September, 1912	29
512	do	Margaret L. Bailey	Fellowship, September, 1912	50
513	do	W. H. Bair	Salary, September 1912	50
514	do	I. O. Baker	do	333
515	do	R. P. Baker	do	30
516	do	E. C. Baldwin.	do	150
517	do	C. W. Balke	do	18
518	do	Panzy Barger	do	30
519	do	J. T. Barrett	do	58
520	do	P. S. Barto.	do	100
521	do	H. J. Barton	do	25
3522	do	Edward Bartow	do	29
3523	do	S. J. Bates	do	100
1524	do	W. S. Bayley	do	18
1525	do	G D Real	do	120
2596	do	J. F. Barrett. P. S. Barto. H. J. Barton Edward Bartow. S. J. Bates. W. S. Bayley G. D. Beal. J. H. Beard	do	120
		J. B. Beck.		160
1507				101
3527	do do	J. E. Bell.	do	. 60

## ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued.}$

0.	Date.	To whom.	For what.	Amo
	1912.	To whom.  E. J. Berg. Daisy L. Blaisdell. D. S. Blondheim Leonard Bloomfield B. H. Bode. E. L. Bogart. G. P. Boomsliter R. L. Borger. C. V. Boyer. R. O. Brigham Morgan Brooks N. C. Brooks Verna Brooks Verna Brooks Verna Brooks Lizabeth P. Brush J. M. Bryant W. A. Buchen A. M. Buck L. V. Burton A. S. Buyers H. V. Canter A. P. Carman D. H. Carnahan D. H. Carnahan F. W. Carpenter G. E. Carscallen E. W. Chittenden A. H. Clark C. R. Clark K. A. Clark T. A. Clark T. A. Clark T. A. Clolins H. W. Colson A. F. Comstock H. P. Corson Jennie A. Crathorne H. L. Creek Florence R. Curtis A. H. Daniels R. E. Davis B. S. Davisson W. B. Day E. H. Decker J. A. Dent W. W. Denton C. C. Derick E. R. Dewsnup J. K. Ditchy W. F. Dodd D. K. Dodge G. W. Dourn J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn H. S. Eames W. C. Engle N. C. Engle N. C. Fargo E. C. Faust Mary E. Fargo E. C. Faust		
530	Sept. 30	E. J. Berg.	Salary, September, 1912	\$33 10
531	do	Dalsy L. Blaisdell	do	10
522	do	Longrd Pleamfold	do:	11 12
534	do	R H Roda	do	95
535	do	E. L. Bogart	do	25 25 13
536	. do	G. P. Boomsliter	do	13
537	do	R. L. Borger	do	12
538	do	C. V. Boyer.	do	12
539	do	R. O. Brigham	do	12 12 6
540	do	Morgan Brooks	do	25
941	ao	N. C. Brooks	do	20 8 8
142	do	Verna Brooks	00	8
340	do	T M Propert	do	18
545	do	W A Buchen	do	11
346	do	A. M. Buck	do	15
47	do	L. V. Burton	do	15
548	do	A. S. Buvers	do	12
549	do	H. V. Canter	do	16 33
550	do	A. P. Carman	do	33
551	do	D. H. Carnahan	do	20
52	do	F. W. Carpenter	do	16
55	do	G. E. Carscallen	do	16 7 12
004	ao	E. w. Unittenden	ao	12
100 	ao	A. H. Clark	do	10
557	do	K A Clark	do	16 3 41
558	do	T A Clark	do	41
559	do	Alexander Cohn	do	î
560	do	A. C. Cole	do	13 13
561	do	Vida L. Collins.	do	9
562	do	H. W. Colson	do	10
563	do	A. F. Comstock.	do	18 10 7
564	do	H. P. Corson	do	10
565	do	Jennie A. Craig.	do	1 .7
000	do	A. R. Crathorne		14 12 10 30
00 <i>1</i>	do	Florence D. Camtie	00	10
560	, do	A H Doniels	do	. 30
570	do	R E Davis	do	10
571	do	B. S. Davisson	do	5 20 25
572	do	W. B. Dav.	do	20
573	do	E. H. Dečker	do	25
574	do	J. A. Dent	do	15
575	do	W. W. Denton	do	12 14
576	do	C. C. Derick	do	14
577	do	E. R. Dewsnup	00	25
0/8 570	do	J. K. Diteny	100	16 25
520	do	D & Dodge	do	25
581	do	G W Dowrie	do	9
582	do	F. K. W. Drury	do	16
583	do	F. O. Dufour	do	16 16 22
584	do	J. C. Duncan	do	22
i85	do	J. M. Duncan	do	9
586	do	R. S. Dunham	do	1 5
587	do	Fannie Dunlap	do	5
188	do	H. H. Dunn	do	13 5 10
986	do	H. S. Eames	do	13
90	do	W. U. Eells.	Fellowship, September, 1912	10
SOO TRO	ao	D. L. Elcher	balary, september, 1912	6
192 109	uo	W. D. EKUISW	do	1 15
504	do	Arnold Emch	do	16
595	do	M. L. Enger	do	16
596	do	E. W. Engle	do	∣ îã
597	do	N. E. Ensign	do	15 16 16 16 . 3 12 25
598	do	J. A. Fairlee	do	25
599	do	Bernard Fantus	do	5
600	do	R. N. Fargo	do	5
601	do	Bernard Fantus R. N. Fargo. E. C. Faust Mary E. Fawcett Emma Felsenthal J. L. Ballou E. E. Fiero I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan	do	16 16
602	do	Mary E. Fawcett	do	16
303	do	Emma Felsenthal	do	7
ö04	do	J. L. Ballou	Loan	10 4 12
505	do	E. E. Fiero	Salary, September, 1912	4
วป6	do	I. W. Fisk		12 20 8
				1 20

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	To whom.	For what.	Amou
	1912.	F. L. Fleener V. R. Fleming. G. T. Flom. J. W. Folsom S. A. Forbes. G. S. Ford. H. F. Schneider J. A. Frisk. Edward Fulton. J. W. Garner N. B. Garver E. N. Gathercoal Rosa-Lee Gaut H. L. Gill C. E. Gillett E. A. Glenz H. F. Godeke Julius Goebel H. F. Goodenough W. F. M. Goss P. S. Goulding Bessie R. Green Frederick Green E. B. Greene		
609	Sept. 30	F. L. Fleener	Salary, September, 1912	\$ 40
610	do	V. R. Fleming	do	12
611	do	G. T. Flom	do	208
612	do	J. W. Folsom	do	166
613	do	S. A. Forbes	do	4:
614	do	G. S. Ford	do	250
615	do	H. F. Schneider	do	30
616	do	J. A. Frisk	do	9:
8617	do	Edward Fulton	do	. 17
619	qo	J. w. Garner	qo	25
8619	do	N. B. Garver	00	15
5620	do	E. N. Gathercoal		10
5021	do	Rosa-Lee Gaut		3
6022		C F Cillatt	do	20
1694	do	E A Glong	do	1
060E	do	H F Codoleo	do	12
2626	do	Tuling Goobal	do	27
2697	do	H F Connorman	do	12
2692	do	G A Goodenough	do	25
,020 3620	do	W. F. M. Goes	do	50
วหลา	do	P. S. Goulding	do	13
3621	do	Bessie R. Green	do	6
3632	do	Frederick Green	do	29
3633	do	E. B. Greene	do	18
	do	T. H. Guild	do	12
1635	do	T. H. Guild J. E. Gutberlet	do	6
3636	do	Alta (+winn	l do	8
3637	do	G. C. Habermeyer H. F. Hadley Stella M. Hague	do	14
	do	H. F. Hadley	Fellowship, September, 1912	5
3639	do	Stella M. Hague	Salary, September, 1912	8
	do	H. G. Hake	do	12
	do	W. G. Hale	do	25
3642	do	R. G. Hall	do	3
3643	do	L. G. Hana	do	17
3644		Paul Hansen	do	25
3645	do	Sada Harbarger	. do	9
3646	do	A. A. Harding	do	15
3647		O. A. Harker	do	33
3648	do	E. C. Hayes	. do	23
3649	do	C. M. Hebbert	. do	(
	do	H. W. Heitkamp	. ao	4
3651		F. E. Held	. do	5
3652		W. S. Hendrix		1 9
3653		Margaret Herdman	do	á
3654 3655		R. W. Hess C. K. Hewes	do	1 8
3656		F. E. Hill	do	4
3657		Ralph Hilscher	do	10
3658			do	i
	do	Jacob Hodnefield	do	10
	do	M. A. Hollinshead	do	
				1 00
3669	do	E E Hollman	do	$-\epsilon$
3663	do	B. S. Honkins	do	12
3664	do	H. A. Hollister E. E. Hollman B. S. Hopkins J. W. Hornbeäk C. F. Hottes H. A. Houston E. Huber H. L. Huenink G. A. Huff B. K. Hursh	do	10
366	do	C. F. Hottes	do	20
3666	do	H. A. Houston	Fellowship, September, 1912	
3667	do 1	E. Huber	Scholarship, September, 1912.	
3668	3do	H. L. Huenink.	Salary, September, 1912	{
3669	o'do	G. A. Huff	. do	. 2
3670	)do	R. K. Hursh	. do	. 10
367	1do	Margaret Hutchins	. do	
3672	2 do	Edmund J. James	. do	1,00
367	3 do	L. V. James	. do	. 1
367	4do	K. K. Hursn Margaret Hutchins. Edmund J. James. L. V. James. C. E. Janvrin Alice Johnson McElroy Johnson M. S. V. Lurges	. do	
367	5 do	Alice Johnson	. do	
367	6 . do	McElroy Johnson	- do	1
367	RI do	Techel Iones	do	. 1
267	DI 414	IT. T. Tomos	1 40	1 7
368	υ do	. Kaipn Jones	·   · · · · · · · · · · · · · · · · · ·	1
368	1 do	. K. C. Jones	· ao	1 1
368	2 do	. R. T. Jones	- ao	1 1
368	3 do	Ralph Jones R. C. Jones R. T. Jones H. H. Jordan	- 00	1 1
368	4 do	. J. C. Jordan	- 00	1
368	5 do	J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm		1 1
368	6 do	J. B. Kaiser	- 00	1
308	ιαο	Onver Kamm	-   - · · · · · · · · · · · · · · · · ·	1 '
	1	•	•	. 1

о.	Date.	To whom.	For what.	Amou
2000	1912.	C. D. TZ-ll	Galana Gandanahan 1010	
8680 8680	Sept. 30	C. F. Kelley J. M. Kellog	Salary, September, 1912	\$130 140
3690 3690	do	Ruth Kelso	do	80
3691	do	A. J. Kempner	do	130
3692	do	R. E. Kennedy	do	110
693	do	V. A. Ketcham	do	150
		Arthur Kiernan A. H. Kimball		140
1696 1696	do	S. F. Kimball	.do	140 120
697	do	A. H. Killidali S. F. Kimball Margaret L. Kingsbury David Kinley Florence M. Kirkup C. T. Knipp A. H. Koller A. P. Kratz	do	75
3698	do	David Kinley	do	500
3699	do	Florence M. Kirkup	]do	100
700	do	C. T. Knipp.	do	208
702	do	A P Kratz	do	100 100
703	do	A. P. Kratz E. V. Kratz Jacob Kunz	Scholarship, September, 1912	25
704	do	Jacob Kunz	Salary, September, 1912	208
7051	do	Martna J. Kyle	ldo	120
706	do	E. J. Lake Marion C. Landee	do	150
707	do	Marion C. Landee	do	85
700	do	L. D. Coffman	do	250 105
710	do	L. M. Larson	do	216
711	do	H. H. Lauer	.do	150
712	do	T. E. Laying.	do	30
713	do	Marion C. Landee L. D. Coffman E. T. Lanham L. M. Larson H. H. Lauer T. E. Laying Eugene Leslie O. E. Lessing O. A. Luetwiler I. H. Lillehei F. C. Lincoln R. H. Linkins C. M. Linsley Simon Litman F. C. Loring E. B. Lytle H. T. Lundquist Ellen S. McCarthy Lois D. McCobb. Rudolph McDermet D. F. McFarland A. D. MacGillivray Wallace McGrithy F. M. Mann F. W. Marquis G. A. Maney F. M. Mann F. W. Marthews G. H. Meyer E. B. Millard F. H. Millard G. A. Miller H. M. Miller H. M. Miller R. N. Miller R. M. Moree	do	10
714	do	O. E. Lessing	do	233
716	do	T H Lillahai	do	200 90
717	do	F. C. Lincoln	do	166
718	do	R. H. Linkins	_do	30
719	do	C. M. Linsley	do	21
720	do	Simon Litman	do	183
721	do	F. C. Loring	do	120
722	do	H T Lundquiet	do	133 50
724	do	Ellen S. McCarthy	do	120
725	do	Lois D. McCobb.	_do	90
726	do	Rudolph McDermet	Fellowship, September, 1912	50
727	do	D. F. McFarland	Salary, September, 1912	150
728	do	A. D. MacGillivray	Hallamahin Contourber 1010	208 30
729	do	D A MacInnic	Salary Santamber 1012	120
731	do	G. A. Maney	Fellowship, September, 1912	50
732	do	F. M. Mann.	Salary, September, 1912	333
733	do	F. W. Marquis	do	150
734	do	O. R. Martin	Tallamahin Contourber 1010	110 50
726	do	T M Mothage	Solory Santamber 1019	133
737	do	G. H. Mever	do	208
738	do	E. B. Millard	.do	60
739	do	F. H. Millard	do	110
740	do	G. A. Miller	do	250
741	do	H. W. Miller	do	150 35
742	do	W S Miller		125
744	do	W. S. Miller C. H. Mills. Brainerd Mitchell H. F. Moore. Ruby Moore. E. W. Morphy. B. C. Morse. W. E. Mosher C. M. Moss. Gertrude Moulton. C. F. Nelson.	do	208
745	do	Brainerd Mitchell	_do	130
1201	do	H. F. Moore	do	
47	do	Ruby Moore	do	20
740	do	P. C. Morga		120 48
750	do	W. E. Mosher	Fellowship, September, 1912	50
751	do	C. M. Moss.	Salary, September, 1912.	250
752	do	Gertrude Moulton	do	116
7531	do	C. F. Nelson.	do	100
754	do	W. S. Nelson	00	30 80
		C. R. Newell		85
757	do	C. E. Norenberg	_do	140
758	do	C. E. Norenberg	do	333
759	do	W. A. Oldfather	do	229
760	do	H. L. Olin	do	50
761	do	T. E. Uliver		208 30
762	op	R. W. Owens	do	208
764	do	W. A. Noyes. W. A. Oldfather H. L. Olin. T. E. Oliver. A. W. Owens E. B. Paine Rosalie M. Parr S. W. Parr Adah Patton.	_do	80
765	do	S. W. Parr	do	291
	do	Adah Patton	do	83

٧o٠	Date.	To whom.	For what.	Amou
	1912.	H. G. Paul. A. S. Pease. J. C. Pendelton Alvah Peterson G. W. Pickels J. N. Pomeroy C. M. Poor F. M. Porter R. S. Potter Anton Prasil Anna M. Price A. L. Prickett D. C. Prince G. H. Radenbaugh Otto Rahn Otto Rahn Otto Rahn Otto Rahn J. W. Read P. J. Rebman F. W. Reed J. L. Rich C. R. Richards N. C. Ricker H. L. Rietz W. S. Robertson M. H. Robinson C. W. Rolfe S. A. Rowland H. O. Rugg George Rutledge T. E. Savage Olive F. Saxton E. C. Schmidt C. Scholl W. S. Shultz G. F. Schwartz F. W. Scott D. L. Scott C. F. Schwartz F. W. Scott D. L. Scott D. L. Scott D. L. Scott D. C. Schwartz F. W. Scott D. L. Scotglin G. W. Scars F. B. Sceley R. S. Seese A. R. Seymour D. B. Shaw		
3767	Sept. 30	H. G. Paul	Salary, September, 1912	\$166
3768	do	A. S. Pease	do	208 85
3769	do	J. C. Pendelton	do	85
3770	do	Alvah Peterson	do	60 130
3771	do	G. W. Pickels	do	130
3772	do	J. N. Pomeroy	do	183
3774	do	F M Portor	do	130 130 50
3775	do	P S Pottor	do	130
3776	do	Anton Presil	do	10
3777	do	Anna M. Price	do	110
3778	do	A. L. Prickett	.do	43
3779	do	D. C. Prince	Scholarship, September, 1912	25
3780	do	G. H. Radenbaugh	do	90
3781	do	Otto Rahn	do	166
3782	do	O. A. Randolph	do	80
3783	do	W. H. Rayner	do	166 80 110 50
2705	do	J. W. Read	do	50
2796		P. J. Kebman		80 140
3727	ao	T. Pich	do	140 150
3788	do	C P Richards	do	333
3789	do	N C Ricker	do	201
3790	do	H. L. Rietz	.do	, 291 150
3791	do	W. S. Robertson	do	166
3792	do	M. H. Robinson	do	250
3793	do	C. W. Rolfe	do	250
3794	do	S. A. Rowland	do	60
3795	do	H. O. Rugg	do	120
3796	do	George Rutledge	do	60
3797	do	T. E. Savage	do	166
3798	do	Olive F. Saxton	do	83 291
3799	do	E. C. Schmidt	do	291
3800	do	C. Scholl	do	10
3600 1000	ao	W. S. Shultz	[do	166 158
3802		T W Coott	do	183
3804	do	D. I. Saragain	do	120
3805	do	G W Saars	do	60
3806	do	F B Seelay	do	60 140
3806 3807	do	R. S. Seese	Scholarship, September, 1912	25
3808 3809	do	A. R. Sevmour	Salary, September, 1912	166
3809	do	J. B. Shaw	do	187
3810	do	Queen L. Shepherd	do	187
3811	do	D. L. Scroggin G. W. Sears. F. B. Seeley R. S. Seese A. R. Seymour J. B. Shaw Queen L. Shepherd S. P. Sherman G. A. Shook C. W. Sievert Frances M. Simpson S. L. Simmering C. H. Sissm	do	266
3812	do	G. A. Shook	do	100
9019	do	C. W. Sievert	do	10
3814	do	Frances M. Simpson	do do Fellowship, September, 1912	141
3815	do	S. L. Simmering	Fellowship, September, 1912	30
3816 3817	oo	Frances M. Simpson. S. L. Simmering. C. H. Sisam. W. A. Slater. Adelle C. Smith. Constance B. Smith Frank Smith. J. E. Smith. O. H. Smith. J. M. Snodgrass. C. M. Snow. O. O. Stanley. Joel Stebbins. Sabra Stevens.	do	158 125
3818	uo	A della C. Smith	do	60
3819	do	Constance B. Smith	do	160
3820	do	Frank Smith	do	208
	do	J. E. Smith	do	208 125
3822 3823	do	O. H. Smith	do	95
3823	do	J. M. Snodgrass	do	175
3824 3825	do	C. M. Snow	do	150
3825	do	O. O. Stanley	.do	70
3826	do	Joel Stebbins	. do	104
3827	do	Sabra Stevens	do	55
3828	do	R. K. Steward		130
3829	do	U. L. Stewart		50
3830 3831	ao	H. H. Stock	Followship Sontomber 1019	333 50
9091		F P Stouffer	Solary Santamber 1019	190
3832 3833	uo	E V Streehen	do	130 100
3834		D T Stall	do	200
3834 3835	do	Emerson Sutcliff	do	200
3836	do	A H Sutherland	do	80 150 30
3837	do	Margaret Taggart	do	30
3839	do	A. N. Talbot	do	333
3838 3839	do	F. W. Tanner	do	333
3840	do	Scott Taylor	do	10
3841	do	O. O. Stanley Joel Stebbins Sabra Stevens R. K. Stevand C. L. Steward C. L. Steward H. H. Stoek J. W. Stoeks E. B. Stouffer E. K. Strachan R. T. Stull Emerson Sutcliff A. H. Sutherland Margaret Taggart A. N. Talbot F. W. Tanner Scott Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. Thompson	do	10
3842	do	H. R. Thomas	Fellowship, September, 1912	50
3843	do	C. M. Thompson	Salary, September, 1912	90
	do	TO C Whamanaan	do ", "	40

1912   30		
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.	• • • • • • • •	@100 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       do.       U. Elskelson         40       Ole M. I. Elskelson       do.		\$160 00 100 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       do.       U. Elskelson         40       Ole M. I. Elskelson       do.		100 00 105 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       do.       U. Elskelson         40       Ole M. I. Elskelson       do.		104 16
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		333 33
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       do.       U. Elskelson         40       Ole M. I. Elskelson       do.		333 33 100 00 90 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		90 00 10 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       do.       U. Elskelson         40       Ole M. I. Elskelson       do.		60 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		180 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		180 00 30 00
3888 do.       R. W. Brown       do.         3889 do.       E. E. Clark       do.         3891 do.       Jesse L. Conel       do.         3891 do.       S. H. Cox.       do.         3892 do.       E. S. Dowell       do.         3893 do.       D. T. Englis       do.         3894 do.       Ole M. T. Estelson       do.		110 00
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		291 66
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.	·	166 66
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		80 00 333 33
3888. do.       R. W. Brown       do.         3889. do.       E. E. Clark       do.         3890. do.       Jesse L. Conel       do.         3891. do.       S. H. Cox.       do.         3892. do.       E. S. Dowell       do.         3893. do.       D. T. Englis       do.         3894. do.       Ole M. I. Estelson       do.		50 00
3888 do.       R. W. Brown       do.         3889 do.       E. E. Clark       do.         3891 do.       Jesse L. Conel       do.         3891 do.       S. H. Cox.       do.         3892 do.       E. S. Dowell       do.         3893 do.       D. T. Englis       do.         3894 do.       Ole M. T. Estelson       do.		125 00
3888 do.       R. W. Brown       do.         3889 do.       E. E. Clark       do.         3891 do.       Jesse L. Conel       do.         3891 do.       S. H. Cox.       do.         3892 do.       E. S. Dowell       do.         3893 do.       D. T. Englis       do.         3894 do.       Ole M. T. Estelson       do.		183 33 200 00
3888       do       R. W. Brown       do         3889       do       E. E. Clark       do         3890       do       Jesse L. Conel       do         3891       do       S. H. Cox       do         3892       do       E. S. Dowell       do         3893       do       D. T. Englis       do         3894       do       Old M. T. Estelston       do		200 00
3888 do.       R. W. Brown       do.         3889 do.       E. E. Clark       do.         3891 do.       Jesse L. Conel       do.         3891 do.       S. H. Cox.       do.         3892 do.       E. S. Dowell       do.         3893 do.       D. T. Englis       do.         3894 do.       Ole M. T. Estelson       do.		50 00 150 00
3888       do       R. W. Brown       do         3889       do       E. E. Clark       do         3890       do       Jesse L. Conel       do         3891       do       S. H. Cox       do         3892       do       E. S. Dowell       do         3893       do       D. T. Englis       do         3894       do       Old M. T. Estelston       do		208 33
3888       do       R. W. Brown       do         3889       do       E. E. Clark       do         3890       do       Jesse L. Conel       do         3891       do       S. H. Cox       do         3892       do       E. S. Dowell       do         3893       do       D. T. Englis       do         3894       do       Old M. T. Estelston       do		229 16
3888       do       R. W. Brown       do         3889       do       E. E. Clark       do         3890       do       Jesse L. Conel       do         3891       do       S. H. Cox       do         3892       do       E. S. Dowell       do         3893       do       D. T. Englis       do         3894       do       Old M. T. Estelston       do		125 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		333 33 60 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		60 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		30 00 150 00
3888		120 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		125 00
3888		85 00
3888		160 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		250 00 120 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		50 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do	2	35 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		75 00 100 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		100 00
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		125 00 208 33
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		208 33
3888 do       R. W. Brown       do         3889 do       E. E. Clark       do         3890 do       Jesse L. Conel       do         3891 do       S. H. Cox       do         3892 do       E. S. Dowell       do         3893 do       D. T. Englis       do         3894 do       Ole M. I. Eskelson       do		25 00
S889   do	.2	25 00
3890   do		30 00 25 00 25 00 25 00 25 00 25 00
3891   do		25 00
3892   do		25 00 25 00
3894   do		25 00 25 00
3895   do   S. E. Fauquher   do   3896   do   S. B. Fracker   do   do   3897   do   B. F. Goodman   do   do   3898   do   Ruby M. Grimes   do   3899   do   J. S. Gutsell   do   3900   do   Mary A. Haan   do   3901   do   Homer Hall   do   do   3901   do   Homer Hall   do   do   3902   do   A. C. Hanford   do   do   3903   do   William Hill   do   3904   do   C. E. Holley   do   do   3905   do   Nellie N. Horner   do   3906   do   J. W. Howard   do   3907   do   Gretchen Lutz   do   3908   do   Gretchen Lutz   do   3909   do   Janet McDonald   do   3911   do   J. B. Nathanson   do   3911   do   J. B. Nathanson   do   3913   do   R. H. Nettelman   do   do   do   3913   do   R. H. Nettelman   do   do   do   do   3913   do   R. H. Nettelman   do		25 00
3896   do		25 00 25 00
3897   do		25 00
3898. do         Ruby M. Grimes         . do           3899. do         J. S. Gutsell         . do           3900. do         Mary A. Haan         . do           3901. do         Homer Hall         . do           3902. do         A. C. Hanford         . do           3903. do         William Hill         . do           3904. do         C. E. Holley         . do           3905. do         Nellie N. Horner         . do           3906. do         J. W. Howard         . do           3907. do         P. W. Ivey         . do           3908. do         Gretchen Lutz         . do           3909. do         Janet McDonald         . do           3910. do         Edna Mosher         . do           3911. do         J. B. Nathanson         . do           3912. do         F. G. Norbury         . do           3913. do         R. H. Nettelman         . do		25 00
3899   00		25 00 25 00
Mail   A   Hail	•••••	25 00 25 00
3902   do   A. C. Hanford   do   3903   do   William Hill   do   do   3904   do   C. E. Holley   do   do   3905   do   Nellie N. Horner   do   3906   do   J. W. Howard   do   3907   do   P. W. Ivey   do   do   3908   do   Gretchen Lutz   do   3909   do   Janet McDonald   do   3909   do   Janet McDonald   do   3911   do   J. B. Nathanson   do   3912   do   F. G. Norbury   do   3913   do   R. H. Nettelman   do   do   3913   do   R. H. Nettelman   do		25 00
3903   do   William Hill   do   3904   do   C. E. Holley   do   do   3905   do   Nellie N. Horner   do   3906   do   J. W. Howard   do   do   3907   do   P. W. Ivey   do   3908   do   Gretchen Lutz   do   3909   do   Janet McDonald   do   do   3910   do   Edna Mosher   do   3911   do   J. B. Nathanson   do   3912   do   F. G. Norbury   do   3913   do   R. H. Nettelman   do   do   do		25 00
3904     do     C. E. Holley     do       3905     do     Nellie N. Horner     do       3906     do     J. W. Howard     do       3907     do     P. W. Ivey     do       3908     do     Gretchen Lutz     do       3909     do     Janet McDonald     do       3910     do     Edna Mosher     do       3911     do     J. B. Nathanson     do       3912     do     F. G. Norbury     do       3913     do     R. H. Nettelman     do		25 00
3905   do		25 00
3906   do		25 00
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100		25 00 25 00
3909   do		25 00
3910       do       Edna Mosher       do         3911       do       J. B. Nathanson       do         3912       do       F. G. Norbury       do         3913       do       R. H. Nettelman       do		25 00
3911   do		25 00
3912 do F. G. Norbury do do do do R. H. Nettelman do		25 00
3913 do K. H. Nettelman do		25 00
		$\begin{array}{ccc} 25 & 00 \\ 25 & 00 \end{array}$
3015 do Cornelio P Secural do		25 00 25 00
3916 do Mary M. Spangler do		25 00
3917 do E. R. Spencer do do		25 00
3918do W. A. Swenson		25 00
3919do Lily B. Voegelein		25 .00
3920 do Margaret Washington do do	• • • • •	25 00
3921 do P. Q. Wright		$25\ 00$ $25\ 00$
59ZZ do A. E. Zucker do		⊿ວ_00

Vo.	Date.	To whom.	For what.	Amou
	1912.	J. E. Ackert. F. H. Adler Josephine Burns Edna L. Forrey. D. L. Geyer J. W. Good. E. C. Heuse. E. A. T. Kircher P. A. Lehenbauer H. H. McGregor L. C. Mathewson S. H. Scherfee. L. F. Nickell A. W. Orcutt A. F. Peine. C. F. C. Riley Clarissa Rinaker J. R. Shutters Irma E. Voight. P. S. Welch		
3923	Sept. 30	J. E. Ackert	Fellowship, September, 1912	\$ 35 35
3924	do	F. H. Adler	do	35
925	do	Josephine Burns	do	35
3920	do	Edna L. Forrey	do	35
1000	ao	D. L. Geyer	do	35 40 30 30
928	do	J. W. Good	do	40
929	ao	E. C. Heuse	do	30
930	do	E. A. T. Kircher	{do	30
931	ao	P. A. Lenenbauer	do	30 30 30 30
932	ao	H. H. McGregor	do	30
933	ao	L. C. Matnewson	do	30
934	ao	S. H. Scheriee	do	30
930	do	L. F. Nickell	do	40 35 30 35
900	ao	A. W. Orcutt	do	35
991	do	A. F. Peine.	do	30
938	do	C. F. C. Riley	do	35
939	do	Clarissa Rinaker	do	35
940	do	J. R. Shulters	do	35
941	do	Irma E. Voight	do	30
942	do	P. S. Welch	do	35
943	do	G. Y. Williams	do	35
944	do	Lilia M. Alexander	Salary, September, 1912	35 35 30 35 35 50
945	do	Janessa Minages J. R. Shulters Irma E. Voight P. S. Welch G. Y. Williams Lilla M. Alexander W. E. Alley Winifred Amos Ethel Ash E. Atkinson Mary L. Blackwell L. A. Boice Ethel Bond Tabitha J. Broadhurst Ina M. Brown Sarah E. Bryan Flora M. Case Ilah B. Chandler Miles Clements C. C. Crawford	do	85
946	do	Winifred Amos	[do	
947	do	Ethel Ash	do	60 141
948	do	E. Atkinson	do	141
949	do	Mary L. Blackwell	do	50 125 70 75 60
950	do	L. A. Boice	do	125
951	do	Ethel Bond	do	70
952	do	Tabitha J. Broadhurst	do	75
953	do	Ina M. Brown	do	60
954	do	Sarah E. Bryan	do	65 55 50 45
955	do	Flora M. Case	do	55
956	do	Ilah B. Chandler	do	50
957	do	Miles Clements	do	45
958	do	C. C. Crawford	do	
959	do	H. E. Cunningham	do	150 45
960	do	C. E. Dalton	do	45
961	do	L. C. Demlow	do	45 65
962	do	Edith Emigh	do	65
963	do	Frances M. Feind	do	75 55 65
964	do	Viola C. Fraser	do	55
965	do	Antionette Goetz	[do]	65
100	do	Mabel F. Griffith	do	60
100	do	Carmen Harnack	do	55 35
1800	do	Eliza Hart	do	35
909	do	N. Hay	do	166
770	do	Josie B. Houchens	do	75 65 45
771	do	A. H. Hull	do	65
772	do	Marie Jester	do	45
113	do	Gertrude Johnson	do	55
74	do	J. J. Johnson	do	45
10	ao	J. H. Кещеу	ao	166 65
70	do	Aurelia Knapp	ao	65
( <u>/ /  </u>	do	A. R. Lee	ao	91
(8).	do	Stella Lund		55
7/9 .	do	U. M. McConn	ao	233 83
٥U.	do	Agnes McGurty	ao	83
δI.	do	jane McMullen	ao	40
ŏΖ.	do	Mae Manspeaker	ao	83
٥٥j.	do	Rudolph Meseck	ao	65
04	do	U. F. Miller		75
اردة. اعت	do	J. A. Morrow	ao	166
80	do	H. D. Oberdorfer	ao	166
8/	do	Elizabeth Pfeffer	ao	50 75
88	do	F. W. Post.	ao	75
189I.	do	Mary H. Roberts	ao	70
90	do	Nellie M. Robertson	do	55
91	do	Rose E. Ryan	do	50
92	do	Mary Scanlan	do	60
93	do .	Anna L. Shepard	do	91
941.	do	Sara M. Slater	do	55
195	do	Bertram Smith	do	70
196 .	do	Flora M. Case  Ilah B. Chandler  Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton L. C. Demlow Edith Emigh Frances M. Feind Viola C. Fraser Antionette Goetz Mabel F. Griffith Carmen Harnack Eliza Hart N. Hay Josie B. Houchens A. H. Hull Marie Jester Gertrude Johnson J. J. Johnson J. H. Kelley Aurella Knapp A. R. Lee Stalla Lund C. M. McConn Agnes McGurty Jane McMullen May Manspeaker Rudolph Meseck C. F. Miller J. A. Morrow H. D. Oberdorfer Elizabeth Pfeffer F. W. Post Mary H. Roberts Nellie M. Robertson Ray Carly Mary H. Roberts Nellie M. Robertson Rose E. Ryan Mary Scanlan Anna L. Shepard Sara M. Slater Bertram Smith J. M. Smith Jesse M. Shepard Sara M. Slater Bertram Smith J. Mayme L. Smith J. Shepard Sara M. Slater Bertram Smith J. M. Smith Mayme L. Smith	do	108 100
97	do	Jessie A. Smith	do	100
198 .	do	Mayme L. Smith	do	65
	do l	O E Stanles	do	150
1991.	uo			75

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

To.	Date.	To whom.	For what.	Amoun
	1912.	E. T. Strong.  Mary Torrance L. J. Towne. G. P. Tuttle. Josephine Tyrrell. Lida E. Voight. B. L. Winchester H. T. Wyninger Isabel Bevier W. L. Burlison W. J. Carmichael H. C. M. Case. Nina B. Crigler I. W. Dickerson O. S. Fisher Charlotte Gibbs. Nellie E. Goldthwaite Cora E. Gray A. F. Gustasison O. A. Keller L. R. Lang B. E. Packard Maud Parsons Leonora Perry Harriet M. Pincomb V. A. Place B. E. Powell C. O. Reed Harriet Rinaker Florence E. Smith J. V. Stevenson Ruth Wheeler A. L. Whiting J. J. Yoke W. L. Gaines F. A. Pearson H. A. Ruehe Jas. Hutchinson F. W. Muncie G. L. Peltier L. R. Foglesong A. J. Gunderson W. A. Ruth O. S. Watkins D. O. Barto C. C. Bauer J. C. Blair S. J. Bole R. E. Brand W. C. Coffey C. S. Crandall W. T. Crandall E. Davenport L. L. E. Durst J. L. Ekblaw A. Ruene D. L. E. Foglesong C. S. Crandall W. T. Crandall E. Davenport C. E. Durst J. L. Edmonds K. J. T. Ekblaw Angusta D. Evens		
4001	Sept. 30	E. T. Strong	Salary, September, 1912	\$ 95
4002 4002		Mary Torrance	do	55 150
4004 4004	uo	C. D. Tuttle	do	100
4005	do	Togenhine Tyrrell	do	91 45
4006 4006	do	Lida E. Voight	_do	83
4007	do	B. L. Winchester	_do	48
4008	do	H. T. Wyninger	do	52
4009	do	Isabel Bevier	do	52 250
4010	do	W. L. Burlison	do	100 41
4011	do	W. J. Carmichael	do	41
4012	do	H. C. M. Case	do	41
4013	do	Nina B. Crigler	do	120
4014	do	I. W. Dickerson	do	150
4018 6101	do	Charletta Cibbs		166 125 166
4010 4017	do	Nollio F Goldthweite	u0	120
4018	do	Cora E. Gray	do	110
4019	do	A. F. Gustafson	do	150
4020	do	O. A. Keller	do	83
4021	do	L. R. Lang.	do	83 133
4022	do	B. E. Packard	do	75 100 79 133
4023	do	Maud Parsons	do	100
4024	do	Leonora Perry	do	79
4025	do	Harriet M. Pincomb	do	133
4026	do	V. A. Place	do	83 191 120
4027		B. E. Powell	do	191
4028 4090	do	U. U. Reed	00	125
4028 4020	do	Florence F Smith	do	65
4030 4031	uo	T V Stevenson	do	41
4032	do	Ruth Wheeler	do	41 133
4033	do	A. L. Whiting	do	125
4034	do	J. J. Yoke	do	83 150 75
4035	do	W. L. Gaines	do	150
4036	do	F. A. Pearson	do	75
4037	do	H. A. Ruehe	do	116
4038	do	Jas. Hutchinson	do	116 100
4039	do	F. W. Muncie	do	83 83 100
4040	}do	G. L. Peltier	do	83
4041	do	L. R. Foglesong	do	100
4042		A. J. Gunderson	do	83 125 150
4046	do	O S Watkins		150
4049	do	D O Barto	do	166
4046	do	F. C. Baner	do	166 125
4047	do	J. C. Blair	do	416
4048	do	S. J. Bole	do	416 133
4049	do	R. E. Brand	do	166
4050	do	W. C. Coffey	. do	225 291
4051	do	C. S. Crandall	. do	291
4052	do	W. T. Crandall		133
4053	do	E. Davenport	do	500
4004	do	T. T. Edmonds		125
4000 4056	do	K I T Ekblew	do	125 166 150
まいいし 4057	do	Angusta D. Evans	do	190
4058	do	W. J. Fraser	do	291
4059	do	J. J. Gardner		100
4060	do	H. S. Grindley	. do	100 291 225
4061	do	L. D. Hall	i. do	225
4062	do	W. F. Handschin	. do	150 250 175
4063	do	Leonard Hegnauer	do	250
4064	do	N. W. Hepburn	. do	175
4065	do	C. G. Hopkins.	. do	416
4066	o	K. S. HUICE		100
4007		IW. E. Jahr.		416 100 120 266
4000	do	T G Mogice		266 266
4070	7ao	H W Mumford	- uu	266 416
4071	do	H. S. Grindley L. D. Hall W. F. Handschin Leonard Hegnauer N. W. Hepburn C. G. Hopkins R. S. Hulce M. E. Jahr J. W. Lloyd J. G. Mosier H. W. Mumford D. McIntosh A. H. Nehrling A. W. Nolan	- uu	900
4079	do	A H Nehrling	- do	195
407	do	A. W. Nolan	do	900
4074	do	H. N. Parker.	do	200
407	do	A. W. Nolan H. N. Parker J. H. Pettit B. S. Pickett	do	208 125 200 200 250 250
4076	do	B. S. Pickett	do	250
407	7 do	F. H. Rankin H. P. Rusk	do	250
	ol	H D Duole	1.00	175

No.	Date.	To whom.	For what.	Amou
	1912.	, , , , , , , , , , , , , , , , , , , ,		
4079	Sept. 30	F. M. Simpson L. H. Smith W. H. Smith H. W. Stewart R. W. Dickenson F. A. Fisher F. W. Garrett J. P. Aumer S. V. Holt E. E. Hoskins Orin Keller W. R. Leighty Gertrude Niederman J. E. Readhimer W. H. Sachs E. Van Alstine F. M. Wascher	Salary, September, 1912	\$100 250
4080	do	L. H. Smith	do	250
4081	do	W. H. Smith	do	108 150
4082	do	H. W. Stewart	do	150
4083	do	R. W. Dickenson	do	70
4084	do	F. A. Fisher	do	88
4085	do	F W Garratt	_do	83 150
4086	do	T P Aumar	do	150
4087	do	Q W Holt	do	150
1000	do	E E Hoshins	do	150
4000	do	E. E. HOSKIIIS	u0	130
4009	do	Orm Kener		70
	do	W. R. Leighty	do	100
4091	do	Gertrude Niederman	ao	100
4092	do	J. E. Readhimer	do	200
4093	do	W. H. Sachs	do	128
4094	do	E. Van Alstine	do	150
4095	do	F. M. Wascher	do	. 83
3096	do	H. C. Wheeler	do	150
4097	l. do	C. E. Wheelock	do	70
4009	do	I E Whitchurch	do	150
4000	do	John Wooderd	do	70
4100	do	TI II Mitchell	do	1 10
41U1	40	TT D Domon	do	12 20
4101	J00	H. D. DOTHER	3.637-	200
4102	ao	r. w. raylor	МПК	
4103	do	K. T. Lumsden	ao	1 -
4104	do	T. F. Jordan	ao	2
4105	do	H. C. Kaufman	do	
4106	do	George Schiff	do	. 1:
4107	'do	A. F. Dyson	do	
4108	. do	C. Boss	do	10
4109	do	Lou Creiger	. do	.] 10
4110	do	N Hahn	do	
4111	do	Wooder	do	2
4111		TIV T Colling	do.	"
4112		W. J. Comms.		
4116		S. Herriott	. qo	1 .
4114	ao	G. C. Gordon	, ao	10
4115	do	G. W. Van Meter	. do	13
4116	do	Frank Knox	.[do	10
4117	do	J. E. Hanye	. do	1
4118	3 do	J. M. Smith	. do	
4119	do	J. B. Marsh	do	
4120	)do	Cora Stakcer	do	
4121	do	J. C. Anderson	do	.] :
4122	do	J. F. Hov	do	
4123	do	C. J. Gillespie	do	. '
4124	do	B. Jordan	_do	1 9
4125	do	I. P Rayhurn	do	1
4126	40	H Buhe	do	
4197	do	F D Grove	do	
1100	40	T Prove		1
1120	do	T on Dowhum	do	1
4129	Jao	Len rayburn	J	1 1
4130	do	r. H. Busey	.	10
4131	do	L. F. Lindsey		
4132	do	George Herriott	. go	1 '
4133	do	G. W. Hamm	do	.] :
4134	do	H. J. Morehouse	do	1
4135	do	T. M. Ghere	do	
4136	do.	I. H. Besore	do	1 1
4137	do	W H Frame	do	1 2
4120	do	W T Wilson	do	1
4100	do	C Vonfman	1 do	1 :
4110	Jdo	Mrs T Filred	do	1 :
4140	1ao	D C Torriott	uu	1
4141	ao	D. S. Herriott	[u0	1 !
4142	do	Jonn Godseil	ao	1 3
4143	do	Pearl Hazen	Jao	12
4144	do	R. S. McInnes	do	1 7
4145	do	D. W. Shiveley	do	8
4146	do	W. W. Meyer	do	(
4147	do	R. A. Lumsden	do	8
4148	do	G. F. Diefenbach	do	
4140	do	C A Fogel	do	1 6
4150	do	W C Welch	do	1 6
4100	4	W D Dohl	do	1 12
4191		Gertrude Niederman J. E. Readhimer W. H. Sachs E. Van Alstine F. M. Wascher H. C. Wheeler C. E. Wheelor C. E. Wheelor J. E. Whitchurch John Woodard H. H. Mitchell H. B. Dorner F. W. Taylor R. T. Lumsden T. F. Jordan H. C. Kaufman George Schiff A. F. Dyson C. Ross Lou Creiger N. Hahn H. Wascher W. J. Collins S. Herriott G. C. Gordon G. W. Van Meter Frank Knox J. E. Hanye J. M. Smith J. B. Marsh Cora Stakcer J. C. Anderson J. F. Hoy C. J. Gillespie B. Jordan L. P. Rayburn H. Buhs E. P. Grove E. Brove Len Rayburn F. H. Busey L. F. Lindsey George Herriott G. W. Hamm H. J. Morehouse T. M. Ghere W. J. Mersen W. J. Mersen W. J. Morehouse T. M. Ghere W. J. Wilson S. Kaufman Mrs. I. Ellrod D. S. Herriott John Godsell Pearl Hagen R. S. McInnes D. W. Shiveley W. W. Meyer R. A. Lumsden G. F. Diefenbach C. A. Fogel W. C. Welch W. D. Rohl E. R. Canady E. J. Percival David Wilkens T. P. Lyon J. E. Henderson	do	8 6 6 8 7 9 14 4 4 4 4 5 5 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
4102	ao	T. T. Daneirol	do.	9
415	Jdo	E. J. Percival		) 2
4154	do	David wirkens		
4155	do	T. P. Lyon	do	1 1
TIOC				

To.	Date.	To whom.	For what.	Amou
	1912.	C. C. Gordon G. M. Seeber H. I. Nelson. J. H. Umbanhowar J. W. Anderson R. W. Graham J. M. Stickrod P. P. Dunn E. W. Smalley J. H. Schwengel James Freeman George Taylor John Weiss C. Allen T. A. McCracken J. A. R. Koch W. E. Leigh A. W. McDaniels I. H. Gordon W. E. Yount W. H. Gray E. F. Lyon Fred Thompson W. H. Webb J. B. Salliday O. W. Hampton M. Leigh G. H. Spencer J. M. Herriott C. C. Rayburn C. C. Logan J. B. Park Orr Allyn W. B. Gernert P. E. Karraker O. A. Randolph S. A. Rowland M. J. Conley Elizabeth Pulling Olive G. Reid M. D. Rose Andrew Tornquist Geo. Nogle S. E. Ore Thomas Eddy Masert D. G. Coven Lucy M. Barto B. Brown G. B. Sprown Lucy M. Barto G. C. Glover H. H. Wheele J. B. Park D. Reid M. D. Rose Andrew Tornquist Geo. Nogle S. E. Ore Thomas Eddy Masert B. Frown G. B. Brown Lucy M. Barto B. C. Glover H. H. Wheeler J. E. Thomas C. G. Cox T. P. Crawford H. Hoore		
4157	Sept. 30	C. C. Gordon	Milk	\$ 8
1150		U. M. Seeper		1
1160	do	I H IImbanhowar	do	9
1161	do	J. W. Anderson	do	6
162	do	R. W. Graham	.do	5
1163	do	J. M. Stickrod	do	15
1164	do	P. P. Dunn	do	\$ 8 6 4 5 5 6 5 15 4 5 5
1165	do	E. W. Smalley	do	5
1167	do	J. H. Schwengel		1 1
1168	do	George Taylor	do	1
1169	do	John Weiss	_do	12
170	do	C. Allen	do	1
171	do	T. A. McCracken	do	2
172	do	J. A. R. Koch	do	9
1173		W. E. Leign	do	2
1175	do	A. W. McDailleis	00	4
1176	do	W E Yount	do	19
177	do	W. H. Grav	do	10 11 12 12 9 9 4 4 8 12 12 14 4 4 9
178	do	E. F. Lyon.	_ do	9
179	do	Fred Thompson.	do	l i
1180	do	W. H. Webb	do	. 4
181	do	J. B. Salliday	do	. 6
1102	do	O. W. Hampton	do	
1184	do	G H Spanger	00	1
1185	do	T M Herriott	do	11
1186	do	C. C. Rayburn	do	- î
1187	do	C. C. Logan.	Salary, September, 1912	150
1188	do	J. B. Park	do	150 150
1189	do	Orr Allyn	do	70 125
1190	do	W. B. Gernert	do	125
4100 4181	do	P. E. Karraker	Words September 1012	41 32
4193	do	S A Rowland Tr	do	33
4194	_do	Chas. Rodgers.	do	55
1195	do	Winifed McIntosh.	do	55 10 75
4196	do	M. J. Conley	do	75
4197	do	Elmer Jenkins	do	55
1198	do	Wm. Hough		80
<b>±</b> 199	do	Flizabeth Pulling	do	59
4001	do	Olive G. Reid	do	76 56 88 76 58 56 50 57 76
1202	do	M. D. Rose	do	52
4203	do	Andrew Tornquist	do	78
1204	do	Geo. Nogle	do	70
1205	do	S. E. Ore	do	54 47 60 50
1200 1907	do	Mahal Halliday		6
1208	do	Tog Brown	do	5
1209	_do	G. B. Brown	do	7
1210	do	Lucy M. Barto	do	7.
1211	do	R. C. Glover	. do	50
1212	do	H. H. Wheeler	do	60
1213	ao	J. E. Thomas		4.
1214 1215	do	T P Crawford	do	3: 4' 5
1216	do	H. Foor	do	5
4217	do	Margaret C. Foss.	do	3:
4218	do	Will Patterson	do	4
4219	do	L. A. Hunter	. do	70
4220	do	P. N. Davis		1 1
4221	00	W. L. Bennett		6
4222		W. T. Craig	. 00	1 0
4224	do	Alpha Tornguist	Wages, September 1-23, 1912	3
422	do	A. W. Fischer.	Wages, September, 1912	] 8
4226	3 do	H. E. Crouch	. dŏ	111
4227	do	E. M. Clark	do	11 66 83 44 33 81 11
4228	3 do	G. W. Beardsley	. do	35
4229	Jdo	H. K. Baltzer		5
4230	ηαο	H. H. Wheeler J. E. Thomas C. G. Cox T. P. Crawford H. Foor Margaret C. Foss Will Patterson L. A. Hunter P. N. Davis W. L. Bennett W. T. Craig W. W. Rash Alpha Tornquist A. W. Fischer H. E. Crouch E. M. Clark G. W. Beardsley H. K. Baltzer W. W. Yapp Loretta White Cornelius Stocker Lillian Smith Ethel Sharp.		31 56 70
493	do	Cornelius Stocker	do	7/
423	3 do	Lillian Smith	do	78
	1 3.	Title of Observe	do	3

۱o.	Date.	To whom.	For what.	Amou
	1912.	,		
4235	Sept. 30	Ruah Loveless A. F. Krueger Earl Garver J. R. Kelley G. M. Hinkley F. W. Gault O. I. Ellis J. T. Newsome C. L. Munroe Mary Millar J. C. Anderson Freda O. Stricklan Flora M. Sims. R. S. Smith Alice Reed Emma L. Custer C. C. Chapman	Wages, September, 1912	\$ 50
4236	do	A. F. Krueger	do	65
1237	do	Earl Garver	do	65
1238	do	J. R. Kelley	do	52 50
1239	ao	G. M. Hinkley		50
1204	do	F. W. Gault	ao	80 50 60 18
1241	do	O. I. EIIIS.	do	50
1242	ao	J. T. Newsome	00	60
4243 4044	ao	U. L. Munroe		18
4244 4045	do	Mary Millar		65 65 65 83 45 70
4240 404 <i>0</i>	00	Trade O Christ-less		00
1047		Flore W. Strickian	00	00
1020	do	D C Cmith	u0	00
1940	do	Alica Dood	u0	1 40
1249		Emma I Custon		20
1951	do	C C Charmon	do	83
40E0	100	C. C. Chapman		00
1202	00	C. R. Willow	00	60 83 50
±⊿ひる		XX A MoTation		00
) <i>2</i> 04	00	Tohm Tombford	00	00
±⊿00 1954	do	Emma L. Custer C. C. Chapman C. A. Campbell G. E. Miller W. A. McIntire John Lankford Melvin Thomas H. F. T. Fahrnkopf V. P. Smith H. C. Gilkerson Marion B. Gallaher J. B. Andrews Wm. Kellev	.dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	60
3400 4987	uo	II F T Fahmlroof	Wagas Santambar 1 14 1010	17 23
140 <i>1</i>	uo	V D Smith	Wages, September 1-14, 1912	2
ŧ⊿მგ ქენი	oo	V. P. Smith H. C. Gilkerson. Marion B. Gallaher J. B. Andrews. Wm. Kelley. Jesse Cook. Robert Cook. Fred Mooney. Roy Mount. Ed Myers	Wages, September 1-4, 1912	11
1060	do	Morion P. Collebon	Wages, September 1-7, 1912	1 11
1061	00	Marion B. Gananer	wages, September 9-21, 1912	32 20
1201	ao	J. B. Andrews	Wages, September 1-12, 1912	20
1202		w m. Keney	wages, September, 1912	47
1203	do	Jesse Cook	do	47
1264	do	Robert Cook	do	47
1265	do	Fred Mooney	do	47 47 47 47 50
1200	do	Roy Mount Ed. Myers. Harold Dial W. J. Engle. E. L. Ensminger	ao	50
1267	do do	Ed. Myers	do	47 47 60
1268	do	Harold Dial	do	47
1269	do	W.J. Engle	do	60
1270	do	E. L. Ensminger	do,	60
1271	do	Roy Argo	do	50
272	do	Clyde Hamlin	do	56
1273	do	J. E. Miller	Scholarship, September, 1912	50 50 25
1274	do	Sappho C. Graham	do	28
1275	do	I. M. Wormser	Salary, September, 1912	25 183 60 30
1276	do	Twin City Ice & Cold Storage Co	Ice	60
1277	do	Horace Stunkard	Salary, September, 1912	30
1278	do	G. E. Simpson	do	10 120 133
1279	do	L. G. Painter	do	120
1280	do	H. E. Murdock	do	133
1281	do	C. A. Ludwig	qo	30
1282	do	A. C. Krey	ao	140
1283	do	S. P. Farwell	do	140
1284	do	R. A. Deutcher	do	60
1285	do	Roy Carter		140 140 60 100
1200	ao	w. E. Burge		166 116 250
1287	ao	D. J. DUCK	ao	116
200	ao	madison Bentley		250
1269	0	Lucia A Lieta		60
290	ao	W. J. Ligge Roy Argo Clyde Hamlin J. E. Miller Sappho C. Graham I. M. Wormser Twin City Ice & Cold Storage Co Horace Stunkard G. E. Simpson L. G. Painter H. E. Murdock C. A. Ludwig A. C. Krey S. P. Farwell R. A. Deutcher Roy Carter W. E. Burge S. J. Buck Madison Bentley Ruth S. Atwell Louise A. Lietz Winifred Febrenkamp T. J. Showers E. J. Eliber	00	35
LGGG	ao	Winifred Fehrenkamp. T. J. Showers E. J. Filbey Lillian Strong. Myrtle E. Heater. Gertrude Keech Thomas Peel L. F. Binding. L. Utterback A. J. Stoneburner E. A. Schwing Willie Pritchard. Rose Hegenbart.	uo	1 70
202		T T Filher	uo	125 78 32 56
1283		Tillian Chang	ao	1 75
100°	uo	Memeta E Hoston	a.	32
เ⊿ชอ เดกก	uo	Contrado Zocah	do	56
t⊿y0	o	Themas Peel	uu	30
1000	00	THOMAS Feel	ao	55
1298	ao	L. F. DHIUHIS	Wagaa Contember 1010	55 70 50
ロング	o	A T Ctonobysman	wages, september, 1912	-50
#30U	ao	E A Schwing	uo	45
1000 1001	do	Willia Dritch and		44 31 42
10U2	uo	Pega Haganbart	uo	42
1001 1003	00	NOSE ELEGENDART		75
±∂U4	00	W. D. Atmell	ao	8
#3U5		W. D. AlWell	ao	75 83 47 21
4300	qo	D. A. Cate	ao	2
4907	J00	Zollo Andrews		50
4900 4900	do	Zena Andrews		60
4010	ao	Thomas Peel L. F. Binding L. Utterback A. J. Stoneburner E. A. Schwing Willie Pritchard Rose Hegenbart W. L. Harry W. B. Atwell H. A. Cate Ruth Burt Zella Andrews W. M. Welty Chester Turner E. C. Terhune Earl Meenach C. I. Newlin		50 60 47 48 47 60
4011	ηαο	Chester Turner		48
4010	do	E. C. Ternune.	0.00	47
	ao	ьап мееnacn	ao	60
4012	d ar-			

о.	Date.	To whom.	For what.	Amou
	1912.	Leonard Dunlap Alfred Raut. K. A. McCaskill R. C. Kastler. John Balcom Etta Perry. Marie C. Go'don. W. S. Goodspeed. Hazel Rhoads. Ralph Pritchard Harry Pritchard Lewis Donohue. G. Donohue. Claude Harrolle. LouiePrizz ell Pearl Cunningham Ralph Chaplin Frank Burton. James Boswell Lawrence Engle. Lloyd Morey. Maude E. Meneley. M. E. Thompson. Conrelius Stock er. W. A. Noyes. D. F. McFarland. R. M. Alden. The Kny-Scheere Co. The University Press. Champaign Seed Co. The Breeders Gazette. Champaign Seed.		
1314	Sept. 30	Leonard Dunlap	Wages, September, 1912	\$ 16
1315	do	Alired Raut	00	32
1317	uo	R C Vectler	do	55
318	do	John Balcom	do	5.5
319	do	Etta Perry	Wages, September 16-30, 1912	45 55 55 27 40
320	do	Marie C. Go don	Wages, September, 1912	40
321	do	W. S. Goodspeed	do	88
322	do	Hazel Rhoads	do	55 55 60 50
323	do	Ralph Pritchard	do	55
324	do	Harry Pritchard		00
0 <i>2</i> 0		C Donobus	do	1 30
320 397	do	Cloude Herrolle	do	45 40
328	do	LouiePrizzell	do	46
329	do	Pearl Cunningham	.do	3È
330	do	Ralph Chaplin	do	40 35 60
331	do	Frank Burton	. do	Ĭŝ
332	do	James Boswell	do	31
233	do	Lawrence Engle	do	31 29 85
334	do	Lloyd Morey	Salary, September, 1912	85
335	do	Maude E. Meneley	do	50 85
330	do	M. E. Thompson	Evnonged	86
338	do	W A Nove	Expenses	16 11 60
339	do	D F McFarland	do	60
340	do	R. M. Alden	do	, i
341	do	The Kny-Scheere Co.	Eve model	18
342	do	The University Press	Printing	
343	do	Champaign Seed Co	dododo	6
344	do	The Breeders Gazette	Subscription	2
345	do	Champaign Steam Laundry	Washing	58
346	do	W. P. Carmicheal Co	Sand	18 18 6 2 58 18 65 16
347	do	Fairbanks, Morse & Co	Grain testers	100
948 940		Maud Parsons	Expenses	10
749 250	do	Sanghugah Salf-Closing Inkatend Co	Inketonde	10
351	do	Raliable Plumbing & Heating Co	Volves etc	50
352	do	International Harvester Co.	Renairs	12
353	do	The J. B. Ford Co.	Supplies	12
354	do	D. M. Sims,	Labor and materials	59
355	do	W. J. Boehm	Glass apparatus	7
356	do	Driver-Harris Wire Co	Laboratory supplies	_2
357	do	W. L. Games	Expenses	59 59 54 25
358	do	R. C. Kastler	Clinnings	20
ระก ออช	do	Poroivel & Mooreheed	Furniture	106
361	do	P A dome	Labor	113
362	do	V Johet & Sons	Lahor and material	113 280
363	do	L. Gunlock	Labor	61 12 10
364	do	Orr & Lockett Hardware Co	Bench and vise	12
365	do	Mills Electric Co	Fixture wire	10
366	do	Henry Blattner	Slides	28 71
567	do	Machinists Supply Co	Laboratory supplies	7
800	do	Weston Electric Instrument Co	Repairs	48 18
909	op	The Electric Storage Battery Co	Terminal lugs	15
71		A. D. MCDaniel	Exhemses	32 15
275	do	The Leads & Northrop Co	Galvanameter	8
373	uo	Westinghouse Electric & Mfg Co	Renairs	0
74	do	Yarnall-Waring Co.	Laboratory apparatus	578 14
3751	do	H. H. Simmons	Expenses	``{
37Ğ	do	Hoskins Mfg. Co.	Repairs to furnace	1
377	do	The William D. Gibson Co	Springs	
378	do	American-LaFrance Fire Engine Co	Fire hose	19
379	do	D. Van Nostrand Co	Books	19 2 2
80	do	Medart Patent Pulley Co	Pulleys	[ 2]
81	do	Chas. H. Besly & Co	Copper rods	20
582	do	Ernst Leitz	Bell lars	000
583	do	D C Lowis	Pools	299 75
205	oo	The Cincipacti Mfg. Co.	Tron mach	"
1988	uo	R. M. Alden. The Kny-Scheere Co. The University Press. Champaign Seed Co. The Breeders Gazette. Champaign Steam Laundry. W. P. Carmicheal Co. Fairbanks, Morse & Co. Maud Parsons. Jennie C. Barlow Sengbusch Self-Closing Inkstand Co. Reliable Plumbing & Heating Co. Internationa' Harvester Co. The J. B. Ford Co. D. M. Sims. W. J. Boehm Driver-Harris Wire Co. W. J. Gaines R. C. Kastler. 20th Century Press Clipping Bureau. Percival & Moorehead. P. Adams. V. Jobst & Sons. L. Gunlock. Orr & Lockett Hardware Co. Mills Electric Co. Henry Blattner. Machinists Supply Co. Weston Electric Instrument Co. The Electric Storage Battery Co. A. B. McDaniel. I. O. Baker. The Leeds & Northrup Co. Westinghouse Electric & Mig. Co. Yarnall-Waring Co. H. H. Simmons. Hoskins Mig. Co. The William D. Gibson Co. American-LaFrance Fire Engine Co. D. Van Nostränd Co. Medart Patent Pulley Co. Chas. H. Besly & Co. Ernst Leitz. Geo Banta Publishing Co. R. G. Lewis. The Locannati Mig. Co. G. Cramer Dry Plate Co. Bern Spray Pump Co. The Boston Book Co. The Boston Book Co. The Boston Book Co.	Nagativa	2
387	40	Bean Snray Pump Co	Renair	1
388	do.	The Ideal Electric Co	Bushing	]
389	do	National Steam Specialty Co	Air valves	۽ ا
390	do	The Lawyers Cooperative Publishing Co.	Books.	5 1 5 7
391	do	The Boston Book Co.	Book	Ē
		C TTT C1 -11: 0 C	Duties etc	1

1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912   1912	Э.	Date.	To whom.	For what.	Amou
		1912.			
	393	Sept. 30	The Willis Music Co	Books	\$ 18
	394	do	The H. W. Wilson Co	do	5
	395	do	Pan American Union	do	2
420   do   E. H. Sargent & Co.   Laboratory supplies	396	do	H. J. Green	Thermometer tubes	24
420   do   E. H. Sargent & Co.   Laboratory supplies	397	do	Meyer & Wenthe	Rubber stamps	4
	398	do	The Adder Machine Co	Ribbons and roll paper	9 15 8 11
420   do   E. H. Sargent & Co.   Laboratory supplies	399	ao	Chicago Watchmans Clock Works	Dials	15
420   do   E. H. Sargent & Co.   Laboratory supplies	100	do	The Field & Snorb Co	Die stock	1 3
420   do   E. H. Sargent & Co.   Laboratory supplies	100		Cabacher & Dadambers Miss Ca	Clear repairs	11
	102		Schaener & Dudenberg Mig. Co	Converge	3
420   do   E. H. Sargent & Co.   Laboratory supplies	404		Chicago Florible Shoft Co	Oil human	6
420   do   E. H. Sargent & Co.   Laboratory supplies	105	do	Progressive Mfg. Co.	Spork pluce	1 6
420  do   E. H. Sargent & Co.   Laboratory supplies	400	do	The Lukepheimer Co	Cune and valva	9 14 11
420   do   E. H. Sargent & Co.   Laboratory supplies	407	do	A T. Moots	Field avnances	111
420	408	do	Flmor Muserovo	do	72
420	400	do	Torov Hor	do	100
420	410	do	Garman Kali Warks	Fortilizar	109 12
420	411	do	Eugana Diatzgan Co	Paner	
420	412	do	Funk Bros Sand Co	Spands	1,839 38 125
420   do   E. H. Sargent & Co.   Laboratory supplies	413	do	A Hoen & Co	Mans	1 839
420	414	do	D H Stevenson	Expenses	38
420	415	do	I M Lindoren	Services	125
420	416	do	The Alexander Lumber Co	Lumber etc	786
420	417	do	E. H. Sargent & Co.	Laboratory supplies	786 100
420	418	do	Bausch & Lomb Ontical Co.	Laboratory supplies and appara-	
420		1.40	Duason & Boms option continue	tus	3,336 135
420  do   E. H. Sargent & Co.   Laboratory supplies	419	do	Weston Electrical Instrument Co	Voltmeters, etc.	135
431	420	do	E. H. Sargent & Co	Laboratory supplies	498
431	421	do	The U. of I. Supply Store	Office supplies	498 354
431	422	do	The Saffell Co	Hardware, etc	64
Add	423	do	Western Carbon & Ribbon Co	Carbon paper	32
Add	424	do	Western Electric Co	Electric supplies	81 27 58
Add	425	do	Champaign Gas & Electric Supply Co	Electric supplies	9
Add	426	do	The Burr Co.	Foundry work	81
Add	427	do	Derrough & Co	Hardware, etc	27
Add	428	do	J. W. Butler Paper Co	Paper	58
Add	429	do	Leavitt Mfg. Co	Sash weights, etc	36 66 70
431	430	do	Geo. B. Carpenter & Co	Belting, etc	66
4436	431	do	Central Electric Co	Electric appliances	1 71
4436	432	do	Automatic Electric Co	Telephone supplies	41
4436	433	do	Ernest Lawrence	Loan	150 200
4436	434	do	Mabel E. Thorne	]do	200
436	435	do	J. A. Hunter	do	200
1436	436	do	E. B. Dickerson	do	200 200 200 200 100 150
1438	437	do	L. A. Boettiger	do	200
140   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0	438	do	Artnur L. Myers	do	200
440	439	ao	W. F. Blatnerwick	do	100
441	440	ao	Madel E. Schadt	G-1 Gt 1010	100
1	441		m TI Whiteins	Calary, September, 1912	1 20
1444   do   C. W. Malcolm   do   do   do   do   do   do   do   d	442		A D MaDamial	Calary Cantomban 1010	900
10	444	uo	C W Moleolm	do	157
10	114	do	Floorer C. Korston	do	15 208 150 52
1447   0.0   E. A. Rich	440	do	Allia Lamb	do	) 02 A
10	440	do	F A Pich	do.	1 4
1	449	do	A O Magnison	Wages Sentember 1019	45 40 80
100	440	do	Dalla Ragars	40	1 9
10	450	do	K G Brown	do	25 39 20 20
1	451	do	W. L. Peters	Wages Sentember 1912	5
1	459	do	L. M. Angar	do	5
1	453	do	I. Rosset	i do	14
1	454	do	Theodore Frison	do	15
10	455	do	Ing Davis	do	18
	456	do	E. P. Dibble	do	81
	457	do	T. J. Fav	Teaming	99
	458	do	F. Cunningham	Teaming	135
	450	do	John Ceduskey	Wages, September, 1912	81 93 135 59
	460	do	D. M. Bullock	1.d0	54 63 56
	461	do	Basil Brown	do	63
	462	do	Harry Brown	do	56
	463	do	C. E. Arrington	do	62
4465     . do       J. E. Bailey     do       4466     . do       . do     . fred Langhoff       . do     . do       . 4467     . do       . do     . do       . do     . do	464	do	W. M. Atwell	do	50
	465	do	J. E. Bailey	do	60
4467 do Margaret Jones	466	do	Fred Langhoff	do	55
1468do R. D. Hull	467	do	Margaret Jones	do	62 59 60 55 43
	468	do	R. D. Hull	do	100 58 100
469 do Ross Hutton	1469	do	Ross Hutton	do	58
4470 doT.O. Henderson do	470	do	T. O. Henderson	do	100

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued}.$

No.	Date.	To whom.	For what.	Amo
	1912.			
$\frac{4471}{4470}$	Sept. 30	Sell Hamlin	Wages, September, 1912	\$5 3 6 2
$\frac{4472}{4437}$	do	W H Growhool	do	1 8
1474	do	C. Y. Freeman. W. H. Graybeal. C. E. Follansbee. Louie Fender	do	9
475	do	Louie Fender	do	1 7
476	do	J. F. Purkins	do	7 4
477	do	Frank Perry	do	5 6
478 470	do	Jacob Nikolaus	00	<u>6</u>
420 420	do	Uriah Maraland	do	5 5
$\frac{100}{481}$	do	J. E. Morgan	.do.	l ĭ
482	do	Rebecca Morgan	do	1 4
483	do	C. M. Miller	}do	5
484	do	O. E. Meenach	do	5
66£	do	Dan Meneely	do	6
187	do	Tos McCullough	do	5
188	do	A. C. Litton	-do	5 6 6 7
489	do	Thos. Long	do	6
190	do	A. J. McAllister	do	7
191	do	Sell Hamin C. Y. Freeman W. H. Graybeal C. E. Follansbee Louie Fender J. F. Purkins Frank Perry Jacob Nikolaus Ruthe E. Murphey Uriah Moreland J. E. Morgan Rebecca Morgan C. M. Miller O. E. Meenach Dan Meneely Frances E. McClughen Jas McCullough A. C. Litton Thos. Long A. J. McAllister E. C. Lewis Ed. Wharmby Geo. Turner Henry Turner Geo. Toy. D. C. Sprinkle A. Servis H. L. Rennaker Ed Richards Wm. Quinn John Garman Mary Ryan Bert Mathews Willie LeBlance Fred Hoover Elizabeth Muhleman H. H. Mahorney J. A. J. Kliem P. S. Jeffers J. J. F. Long George Boyer Eleanor Hubbard R. W. Ritchey Elizabeth C. Peel Florence S. Stoutzenberg Edgar Hermann Ethel Clarke J. L. Gardner Paul Felle H. B. Ingalls Wm. Hire A. J. Booker F. Crathorne Wm. Leach A. Langhoff Jas. Irvine Frank Fryine W. G. Hixon Edward Wm. G. Hixon Edward Wm. G. Hixon Edward Hanson Wm. Fogarty Frank Frogarty Lenach L. Rogarty Frank Fogarty Lenach L. Rogarty Frank Fogarty Frank Frank Wm. Leach A. Langhoff J. Hanson Wm. Femplin John S. Rede Wh. L. Howat Wh. Leathwright	do	6
102	ao	Goo Turner	do	5
194	do	Henry Turner	-do	55
195	do	Geo. Tov.	do	6
196	do	D. C. Sprinkle	do	5 5
197	do	A. Servis	do	5
198	do	H. L. Rennaker	do	3°
เดก	do	Wm Ouinn	do	8
591	do	John Garman	do	6
502	do	Mary Ryan	do	3
503	do	Bert Mathews	do	3
504	do	Willie LeBlance	do	3
600	do	Fred Hoover	do	10 36
507	ob	H H Maharnay	do	59
508	do	J. A. J. Kliem	-do	68
609	do	P. S. Jeffers	.do	64 58
10	do	J. J. Fiscus	do	58
111	do	R. W. Baldwin	do	53
12	do	J. F. Long		95 86
14	do	Eleanor Hubbard	do	58 66 22
15	do	R. W. Ritchey	.do	16 43 50 46
16	do	Elizabeth C. Peel	do	48
17	do	Florence S. Stoutzenberg	do	50
18	do	Edgar Hermann	do	46
19	do	Etnei Clarke	00	40 40 40
21	do	Poul Falla	do	40
$\tilde{2}\tilde{2}$	do	H. B. Ingalls	.do	58
23	do	Wm. Hire	do	11
24	do	Alice V. Hamilton	do	75 29
25	do	H. Simer		29 93
20	uo	U. A. Dullseull	do	93 40
28	do	A. J. Booker	do	59 59
29	do	F. Crathorne	do	52 81
30	do	Wm. Leach	do	81
31	do	A. Langhoff	do	81
32	do	Jas. Irvine		54 65
34	on	гганк 1гvme W. G. Hivon	do.	05 61
35	do	Edward Hargan	do	51 61
36	do	Samuel Hanson	do	41
37	do	Wm. Fogarty	do	41 56
38	do	Frank Fogarty	do	54
39	do	Louis Pro		51
41	o	Wm Tamplin	do	80 80
42	do	John Snyder.	-do	63 80 54
43	.do	B. L. Reed	do	51
44	do	V. H. Cartwright	do	63
45	do	W. L. Howat.	do	15
46	do	Verna A. Manley	do	31
4/	ao	Amos Wright	uo	86 97
		OHSP TIMI	uv	97

70.	Date.	Earl Davies. H. P. Ottman. H. M. Millizen. Anna Crathorne. F. F. Franklin Wm Langhoff H. B. Ketzle. B. L. Burling. O. W. Van Petten. Bertha G. States. F. R. Hooker G. H. Radenbaugh T. W. Dieckmann Burt Hays. Katie L. E. Humrichouse R. S. Seese. John Brannigan. John Begley. Wm. Wascher E. L. Throp. C. L. Struble. Martin Sandwell. Louis Obriant. J. L. Martin. Wesley Hoffman J. E. Stark. C. J. Sievert. Frank Kopf R. W. Cox. F. H. Whittum L. D. Lahr M. L. Nebel S. T. Wallage. G. W. Porter F. H. Collyer Thos. Butler W. M. Birdzell E. W. Justus. C. H. Haven Fred Fender. J. R. Newton Jesse Myers. M. W. Murphey. Wm. Wilde A. Warmbier J. S. Clark T. N. Jones Edward Berbaum H. J. Vanderbeck G. H. Reily J. S. Millnes. Frank Middleton Whittaker Mattoon Pearl Cook. D. Vauble. G. W. Porter Frank Middleton Whittaker Mattoon Pearl Cook. D. Vauble. G. W. Porter Donna Merchant Harry Higgens J. C. Fiscus. B. L. Holfortyn. J. B. Huven Fred Ponder J. S. Milnes. Frank Middleton Whittaker Mattoon Pearl Cook. D. Vauble. G. W. Porter John Miller Donna Merchant Harry Higgens J. C. Fiscus. B. L. Holfortyn. J. B. Huchning, Jr. Mac. O. Booher Ethel V. Manley Pete Davis. W. H. Lark V. R. Barnes J. H. Vandiorup, J. J. B. Huchning, Jr. Mac. O. Booher Laura B. Evans.	For what.	Amou
	1912.			
4549	Sept. 30	Earl Davies	Wages, September, 1912	\$ 30 30 46
4550	do	H. P. Ottman	do	32
4550	do	Anna Cratharna	do	94
4552	do	F F Franklin	do	20
4554	do	Wm Langhoff	do	64
4555	do	H. B. Ketzle	do	64 125 70
4556	do	B. L. Burling	do	70
4557	do	O. W. Van Petten	do	10
4558	do	Bertha G. States	do	50
4559	do	F. R. Hooker	do	25 29
4560	do	G. H. Radenbaugh	do	29
4561	do	T. W. Dieckmann	do	34 58 36 25
4562	do	Burt Hays	do	58
4563	do	Katie L. E. Humrichouse	do	36
4504	ao	R. S. Seese	do	89
4000		John Brannigan	00	8
4500 4567	uo	Wm Weseher	do	2' 6' 93
4569	do	E. T. Thron	do	0
4569	do	C. L. Struble	do	86
4570	- do	Martin Sandwell	_do	80
4571	do	Louis Obriant	do	98
4572	do	J. L. Martin	do	14
4573	do	Wesley Hoffman	do	93
4574	do	J. E. Stark	do	14
4575	do	C. J. Sievert	do	12
4576	do	Frank Kopf	do	1.
4577	do	R. W. Cox	do	19
4578	do	[上. H. Whittum	do	15
4579	ao	L. D. Lahr	do	1: 19 19 40 2: 47 60
4580		M. L. Nebel	do	2
4500		S. T. Wallage	do	4
1502	do	F H College	do	0,
1500	do	The Dutler	1do	6
4585	do	W M Rirdzell	do	7/
4586	do	E. W. Justus	do	108
4587	- do	C. H. Haven	do	120
4588	do	Fred Fender	do	. 78
4589	do	J. R. Newton	do	70
4590	do	Jesse Myers	do	68
4591	do	M. W. Murphey	do	110
4592	do	Wm. Wilde	do	90
4593	do	A. Warmbier	do	64 74 108 122 76 65 110 90 66 67
4505		Thomas State	do	67
1506	ao	Tank Stateler		116
1507	do	W. J. SHIIII	do	112
1508	do	T S Clark	do	09
1599	do.	T. N. Jones	do	57 92 34 66 57 68 74 19 40 46
1600	do	Edward Berbaum	-do	66
1601	do	H. J. Vanderbeck	do	5
1602	do	G. H. Reily	do	68
603	do	J. S. Milnes	do	74
604	do	Frank Middleton	do	19
605	do	Whittaker Mattoon	do	4(
606	do	Pearl Cook.	do	46
607	do	D. vauble	do	70
600		M C Doobon	do	66
610	do	Ethol V Monley	100	92
611	do	Pata Davie	uo	92 55 70 97 97
612	do	W H Clark	do	0
613	do	V. R. Barnes	do	Q.
614	do	J. H. Vandiventer	do	89
615	do	Wesley Wilson	do	99
616	do	S. A. Porter	do	93 92
617	do	John Miller	do	44
618	do	Donna Merchant	do	44 43
619	do	Harry Higgens	do	78
620	do	J. C. Fiscus	do	90
621	do	B. L. Hollorty	do	78 90 93 59
022	ao	Howard Downing	do	59
623	oo	J. B. Hutchings, Jr.	do	45
024	oo	Marion E. Sparks	ao	46 15
626	uo	Goder-Heimenn Co.	Rental	198 229
		GOGOL-TEORINGHII OO	Diaiues	190

To.	Date.	E. R. Ludwig. G. E. Simpson The Home Telephone Co. Jacob Reeds Sons, Inc. J. R. Wells. Peoria Cordage Co. Wm. Hix. P. F. Meharry. P. P. Capron & Brother S. W. Boardman C. J. Welch B. L. Morehouse Robert Pergande. T. D. Yensen Fairbanks-Morse & Co. Ernst Hertzberg & Sons Edward Bartow Glenn Dillard Dunn C. G. MacArthur Walrus Mfg. Co O. O. Stanley The Busr Co O. O. Stanley The Lone Co O. O. Stanley The Lone Co O. O. Stanley The Lone Co O. H. Moore G. M. Smith H. P. Croson John Crerar Library C. B. Busey Frank Barrett Stanley Wilkins J. A. Sackrison Louis Eschwazier Evalena Bowen S. J. Buck T. L. Cole T. H. Flood & Co J. T. Newsome J. E. Readhimer G. M. Hinkley J. R. Midyett John Berlin J. H. Pettit W. W. Lindley, Postmaster G. E. Wright Asa Denman C. P. Griffith A. Bevis Frank Hardy Ora Smith H. H. Crawford H. O. Smith C. A. Denman A. Baumgartner O. E. Staples, Chief Clerk O. E. O. E. Staples, Chief Clerk O. E. Staples, Chi	For what.	Amou
	1912.			
4628	Sept. 30	E. R. Ludwig	Allowance	\$ 400
4629	do	G. E. Simpson	Wages, September, 1912	18
403U 4621	do	The Home Telephone Co	Service	100
4632	do	T R Walle	Salary Santamber 1012	90 70
4633	do	Peoria Cordage Co	Sisal	36
4634	do	Wm. Hix.	Dirt	36 80
4635	do	P. F. Meharry	Rent of horse	13 699 138 94
4636	do	P. P. Capron & Brother.	Plastic reproductions	699
4637	do	S. W. Boardman	Lumber, etc	138
4638	do	C. J. Welch	Concrete work	94
4639	do	B. L. Morehouse	Wages, September, 1912	85
1040	ao	Robert Pergande	do	85
1640	do	T. D. Yensen	D	100 475
16/2		Fairbanks-Morse & Co	Pump	475
1644		Ernst Hertzberg & Sons	Bookbinding	383 287
1645	uo	Ernst Hertzberg & Sons	do	287
1646	do	S O Andros	Ralance calary Sentember 1019	243 25 30
1647	do	H A Hollister	Expenses	30
648	do.	J. L. Rich	.do	90
649	do	John Ross	Sacks	95
1650	do	Edward Bartow	do	107
651	Oct. 1	Glenn Dillard Dunn	Recital.	3 25 107 100
652	do	C. G. MacArthur.	Salary, September, 1912	100 150 57 4, 426 8 115 60 110 133 3 20 653
1653	do	Walrus Mfg. Co	Furniture	57
654	do	The Burr Co	Payment on contract	4,426
655	Oct. 2	O. O. Stanley	Services	8
565	do	The Leeds & Northrup Co	Laboratory apparatus	115
657	do	Hugh Glasgow	Salary, September, 1912	60
658	do	Ernest Kessler	do	60
1000	do	O. H. Moore	do	110
1000		G. M. SMITH		133
1001	ao	H. P. COTSOIL	Canda	3
1662	uo	C P Proper	Corn	653
1664	uo	Fronk Barrett	Wages Santambar 1012	14
1665	do	Stonlay Wilking	do	14 10
1666	do	T A Sackrison	do	15
1667	do	Louis Eschwaziar	do	36
1668	do	Evalena Bowen	do	36 19
1669	do	S. J. Buck	Expenses	11 11
1670	do	T. L. Cole	Books	11
671	do	T. H. Flood & Co	do	13
1672	do	J. T. Newsome	Expenses	13 32
1673	do	J. E. Readhimer	do	223
1674	do	G. M. Hinkley	do	57 84
675	do	J. R. Midyett	Field expenses	84
676	do	John Berlin	do	118
677	do	J. H. Pettit	Expenses	9
670	0	W. W. Lindley, Postmaster	Words Contember 1010	325 98
600	uu	Ago Donmon	wages, september, 1912	98
601	uo	C D Criffith	do	73 55
983 001	uo	A Ravie	do	1 150
683	do	Frank Hardy	do	158 75
684	do.	Ora Smith	do	75
685	do	H. H. Crawford	do	33
686	do	H. O. Smith	do	79
687	do	C. A. Denman	do	109
688	do	A. Baumgartner	do	72 109 75
689	do	O. E. Staples, Chief Clerk	Students' payroll	253
690	do	O. E. Staples, Chief Clerk	Freight	203
691	do	O. E. Staples, Chief Clerk	Rebates to students	676
692	do	O. E. Staples, Chief Clerk	Sundry bills	253 203 676 72
693	do	R. I. Fieg	Salary, September, 1912	50 982
694	Oct. 3	Cable Piano Co	Piano	982
695	do	Wm. Lewis & Sons	Violin and repairs	54 41
1096	do	Goder-Heimann Co	Unarts	41
1097	do	Houser & Sutton	Hay	227
1600	ao	JACOD WILLIAM	Repairing plaster	970
±099	ao	J. W. Duniap	Tracting tunnel	1 350
±/UU 1701	uo	W Carbus Zimmarman	Corvine	1,597
1700	uo	A merican Drafting Frantisms Co	Furniture	227 14 350 1,397 415
1702	uo	Champaign & Trhone Weter Co	Water	1/8
1704	uo	Gao Ranta Publishing Co	Panrinte	5/
*104	uv	GOO. Danie Eubnoming Co	Comparate work	54 510
170=				

0.	Date.	To whom.	For what.	Amour
	1912.	Bryan-Marsh Electric Works Electric Coal Co. W. M. Welch Co. Brown & Custer Winger & Clevidence. Pantagraph Printing & Stationery Co. Ralph Engle J. E. Morgan W. A. Beasley E. H. Swigert H. I. Carpenter G. C. Bainum Vera Beyer L. M. Fort J. E. Stark A. L. Epstein F. M. Simpson Bernard Quaritch D. S. Fox L. R. Lang H. F. Rhodes E. G. Misner F. A. Pearson N. W. Hepburn Max Th. Edelmann & Sohn J. Terquem & Cie National Mosiae Tile Co Paul Gottschalk Dodd-Mead & Co. J. Ricker Joseph Baer & Co. S. O. Andros Y. M. C. A. D. P. Hollis R. W. Dickenson H. W. Stewart W. H. Sachs Albert Tate Frank Morgan J. A. Rumer G. W. Matheny W. Matheny W. M. A. Sen		
707	Oct. 3	Bryan-Marsh Electric Works	Lamps	\$204
708	do	W M Wolch Co	Contigorates	795 38
710	do	Rrown & Custer	Cotal Gertificates Hardware, etc Lumber, etc. Printing Wages, September, 1912do Labor and materials	38 39 675 147 49 33 141
ııı	do	Winger & Clevidence	Lumber, etc.	675
12	do	Pantagraph Printing & Stationery Co	Printing.	147
3	do	Ralph Engle	Wages, September, 1912	49
4	do	J. E. Morgan	do	33
15	do	W. A. Beasley	Labor and materials	141
7	do 4	H. I. Corportor	Tuning pianosdoLoan	
8	do	G. C. Bainum	Loan	8 100
9	do	Vera Bever	.do	1 105
20	do	L. M. Fort	.do .do .dodo	125 200
21	do	J. E. Stark	do	150 200
32	do	A. L. Epstein	do	200
23	do	F. M. Simpson	Expenses	200 4 28 58 11 54 52 142 11
74	do	Bernard Quaritch	Books	28
8		L. D. Long	Expenses	11
27	do	H F Phodes	do	54
28	do	E. G. Misner	do	52
29	do	F. A. Pearson	do	142
30	do	N. W. Hepburn	_do	11
31	do	Max Th. Edelmann & Sohn	.do	
32	do	J. Terquem & Cie	Books	593
33	do	National Mosiac Tile Co	Tile	593
34	do	Paul Gottschalk	Books	4
30	do	Dodd-Mead & Co	do	110
27	do	J. KICKET		110 111 34 71 250
38	do	S O Andros	Books	71
39	do	V M C A	Printing	250
10	do	D. P. Hollis	Services	2
41	do	R. W. Dickenson	Expenses	2 65 79
42	do	H. W. Stewart	do	79
13	do	W. H. Sachs	. do	16 95
44	do	Albert Tate	Field expenses	95
5	do	Frank Morgan	do	58 39
9		J. A. Rumer	do	39
2		Wm Aton Sn		85 64 75
a	do	The Letter Shop	Mimoographing	75
0	do	L. C. Smith & Bros Tynewriter Co	Rantal	25 33 10
51	Oct. 5	C.W. Davis	Stone work	33
52	do	National Dictograph Co	Rental	10
53	do	Library of Congress	Deposit for cards	75
54	do	Jacquin & Co	Office supplies	78 103
55	do	Jolly-Wieland & Richardson Co	Hardware, etc	103
26	do	J. M. Webb	Expenses	. 64
26	oo	r. J. Batkin	salary, September, 1912	40
50		T. G. GOOGWIN	Delemes seleme Contember 1010	75 25
30	uo	I. R Sarratt	dodododododododo	20 gn
šĭ	do	E. J. Reece	do	80 150
32	do	T. W. Baldwin	. do Hardware, etc. Salary, September, 1912 Labor, teaming, etc. Electrical fixtures Expenses.	96
33	do	W. G. Stronquist	Salary, September, 1912	96 . 100
34	do	P. Adams	Labor, teaming, etc	361 350
55	do	The Western Gas Fixture Co	Electrical fixtures	350
56	Oct. 7	S. W. Parr	Expenses	3 21 30
201	do	F. M. Simpson	do	21
100		Augusta D. Evans	0-1 C	90
70	do	Wm Districh	salary, september, 1912	200
71	do	Samuel Hart	Wagas Santambar 1012	200 84
72	do	G. W. Dowrie	Expanses	19
73	do	J. C. Miller	Horse hire	28
74	do	B. S. Prickett	Expenses.	19 28 19
75	do	J. J. Gardner	. do . do Salary, September, 1912 do Wages, September, 1912 Expenses Horse hire Expenses . do	14
76	do	August Ceweke	do	10
77	do	Ralph Chaplin	Wages, September, 1912. Field expenses Expenses.	27
78	do	Henry Pfau	Field expenses	18 27 57 26 47 52 50
79	do	C. V. Gregory	Expenses	26
80	do	A. N. Abbott	do	47
ŏ١١	do	W. W. Lindley, Postmaster	Postage	52
oal		DEDUSOR BUTION	ISSURT SENTEMBER 1912	i 50
82	OG6. 9	Marry C Carredon	Tentanget	900
82 83 84	do	W. H. Sachs. Albert Tate. Frank Morgan. J. A. Rumer. G. W. Matheny. Wm. Aten, Sr. The Letter Shop. L. C. Smith & Bros. Typewriter Co C. W. Davis. National Dictograph Co. Library of Congress Jacquin & Co. Jolly-Wieland & Richardson Co. J. M. Webb. P. J. Batkin. T. G. Goodwin. Frances Simpson. L. R. Sarrett. E. J. Reece. T. W. Baldwin. W. G. Stronquist. P. Adams. The Western Gas Fixture Co. S. W. Parr. F. M. Simpson. Augusta D. Evans Grace Stevens. Wm. Dietrich Samuel Hart. G. W. Dowrie. J. C. Miller. B. S. Prickett. J. J. Gardner. August Ceweke. Ralph Chaplin. Henry Pfau. C. V. Gregory. A. N. Abbott. W. W. Lindley, Postmaster. Bronson Barlow. Mary S. Snyder. Margaret B. Cob. H. A. Hollister.	. do. Postage. Salary, September, 1912. Interest. Fellowship, September, 1912. Expenses.	300 30

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	To whom.	For what.	Amour
	1912.	L. W. Miller F. M. Goodman. Blue Line Transfer Co. C. I. Newlin. H. F. Ferguson. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. J. M. Stickrod. R. W. Graham P. P. Dunn. E. W. Smalley J. H. Schwengel. Jas. Freeman G. Taylor John Weiss C. Allen T. A. McCracken H. H. Woodard J. A. R. Koeh W. B. Leigh A. W. McDaniel I. H. Gordon. W. E. Yount W. H. Gray. S. Atchinson E. F. Lyons. O. W. Hampton		
1780 1787	do 8	E M Goodman	Copying lists	\$ 1 100
1788	do	Blue Line Transfer Co	Freight, etc	100
1789	do	C. I. Newlin	Wages, September, 1912	2 75
1790	do	H. F. Ferguson	Expenses	9
1791	do	O. E. Staples, Chief Clerk	Freight	531 . 62 342
1792	do	O. E. Staples, Chief Clerk	Express	. 62
1704	do	T. M. Stielzrod	Mills payron	93
795	do	R. W. Graham	do	23
1796	do	P. P. Dunn	do	5
1797	do	E. W. Smalley	do	7
1798	do	J. H. Schwengel	do	17 8
1799	do	Jas. Freeman	00	1 8
1800 1801	do	Tohn Woice	do	8 18
1802	40	C Allen	do	1 8 10 9
803	do	T. A. McCracken	do	8
804	do	H. H. Woodard	do	10
805	do	J. A. R. Koch	do	9
806	do	W. E. Leigh	do	3 6 15
1000		A. W. McDaniel	00	15
1800	do	W E Yount	do	11
810	do	W. H. Grav	do	117
1811	do	S. Atchinson	do	1 9 5 5
812	do	E. F. Lyons	do	9
813	do	O. W. Hampton	do	5
814	do	Fred Thompson		5
1816 1818	do	T R Salliday	do	11
817	do	M. Leigh	do	9
818	do	J. M. Herriott	do	. 11 9 11 13 4
819	do	T. P. Lyon	do	13
1820	do	J. E. Henderson	do	4 7
1821	do	C. C. Gordon		14
1823	do	H I Nelson	do	12
824	do	A. R. Grindley	do	77 14 12 2 10
825	do	J. H. Umbanhouer	do	10
1826	do	J. W. Anderson	do	38
1827	do	D. W. Shiveley	do	8
1828 1890	do	W. W. Meyer	do	9
1830	do	Z. C. Keene	do	5 9 2 5 3 10
831	do	G. F. Diefenbach	do	2
832	do	C. A. Fogel	do	5
833	do	J. C. Chapman	do	3
834	do	W. C. Welch	. 00	10
836	do	E R Canady	do	18
837	do	F. M. Webb	do	1 4
838	do	John McCullough	do	17
839	do	E. J. Percival	do	1 8
840	do	David Wilkins		1 12
648	do	C W Hamm	. uu	14
843	do	H. J. Moorehouse	do	11
844	do	T. M. Ghere	do	10
845	do	W.F. Hampton	. do	1
846	do	I. H. Besore.	. do	9
847	do	W. H. Frame.		1 12
040 840	do	Mrs T Ellrod	do	16
850	do	F. W. Howell	do	3
851	do	D. S. Herriott	do	Ē
852	do	John Godell	do	4
853	do	P. Hazen		14
854	do	K. S. McInnes		] }
000 850	uo	F H Rusay	do	8
857	0b	L. F. Lindsey	do	8
858	do	G. C. Gordon	do	11
859	do	G. W. Van Meter	do	14 3 11 10 10 16 5 15 15 9 9 3 3 4 14 8 8 6 6 11 19 19 19 19 19 19 19 19 19 19 19 19
1860	do	Frank Knox	. do	.7
1861	do	I. H. Gordon W. E. Yount W. H. Gray S. Atchinson E. F. Lyons O. W. Hampton Fred Thompson W. H. Webb J. B. Salliday M. Leigh J. M. Herriott T. P. Lyon J. E. Henderson C. C. Gordon G. M. Seeber H. I. Nelson A. R. Grindley J. H. Umbanhouer J. W. Anderson D. W. Shiveley W. W. Meyer R. A. Lumsden Z. C. Keene G. F. Diefenbach C. A. Fogel J. C. Chapman W. C. Welch W. D. Rohl E. R. Canady F. M. Webb John McCullough E. J. Percival David Wilkins George Herriott C. W. Hamm H. J. Moorehouse T. M. Ghere W. H. Frame S. Kaufman Mrs. I. Ellrod F. W. Howell D. S. Herriott John Godell P. Hazen R. S. McInnes S. Guinn F. H. Busey L. F. Haney J. M. Shark J. M. Smith J. B. Marsh Cora Stacker	. do	18
.802 1962	ao	J. M. SHILL	. 00	7
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0.	Date.	To whom.	For what.	Amou
	1912.			
1865	Oct. 8	J. C. Anderson J. F. Hoy C. J. Gillespie B. Jordan D. A. Silver L. P. Rayburn H. H. Buhs E. P. Grove	Milk	\$
1866	do	J. F. Hoy	do	
1867	do	C. J. Gillespie	do	\$
1868	do	B. Jordan	do	!
1869	do	D. A. Silver		1
1870		L. P. Rayburn	do	
1979	do	F D Grove	do	
1873	do	E Grove	do	
1874	do	Len Rayhurn	do	
1875	do	H. C. Kaufman	do	1
1876	do	George Schiff	do	1
1877	do	A. F. Dyson	do	
1878	do	C. Ross	do	
1879	do	Lou Creiger	do	1
1880	do	N. Hahn	do	1
1881	do	H. Wascher	do	2
1882	ao	S. Herriott	do	2
1004	do	P. W. Taylor		1
1001		M. T. DuillSuell	do	
1886	Oct 0	Wilhalm Millar	Evnonces	2 6
227	do 9	The Midget Novelty Co	Stanler	0
1888	do	The Beardsley Hotel Co	Hotel bill	
889	. do	S. E. Dillavon	Gate	
890	do	Indianapolis Blue Print & Supply Co	Paper	
891	do	Tech Typewriting Bureau	Typewriting.	1 1 1
892	do	Joseph T. Ryerson & Son	Steel	. 1
1893	do	Crosby Steam Gage & Valve Co	Cord	
1894	do	B. Barlow	Expenses	1
1895	do	Stone & Forsyth	Toweling	1
896	do	R. A. Richards	Ribbons	
1897	do	The American Crayon Co	Crayons	1
1898	qo	Geo. Banta Publishing Co	Express	
IOOO	do	T Crois	Clock-Holder	
1001	do	Coble Piero Co	Dontol	1
เดบจ	do	Office Specialties Co	Crown love	
1002	do	March & Co	Laboratory cumplies	1
1904	do	L. C. Smith & Bros Tynewriter Co.	Machine	1 2
1905	do	The Shaw-Walker Co.	Office supplies	. 3
1906	do	G. H. Meyers.	Straw	5
1907	do	Stover Mfg. Co	Supplies	1
1908	do	Southern Illinois Penitentiary	Dry goods	. 2
909	do	S. E Dillavou	Twine, etc	3
910	do	C. E. Prentice	Oven	2 3 5 2 3 8
911	do	W.T. Jewell	F.eed.	
912	qo	L. K. Howse & Co	Baskets	
913	o	E. M. MOII	Supplies	
015	ao	Honry Tropott	Greeg gooder	. '
916	do	P E Campbell	Printing	
917	do.	P. D. Foster	Labor and materials	. 0
918	do	Burroughs Adding Machine Co	Paper	9
919	do	The Breeder's Gazette.	Books	
920	do	A. H Barber Creamery Supply Co	Supplies	
921	do	W. A. Beasley	Labor	1
922	do	C. C. Bailey	Cup leathers	
923	do	G. E. Amsbary	Dry goods	2
924	do	J. W. Herriott	Hen	1
920	oo	Emorgon Floatric Mfc. Co	Moighta	
ชZ0 007	do	Durand Steel Looker Co	Number plates	-
020	do	John Haffarman	Tare	1
920	do	General Chemical Co	Laboratory supplies	1 2 1 24
930	do	Fuller & Fuller Co.	Mercury	9
931	do.	M. A. Donohue & Co.	Printing	
$9\tilde{3}\tilde{2}$	do	Driver-Harris Wire Co	Wire	2
933	do	H. H. Wagner	Bags	2 1
934	do	G. & W. Electric Specialty Co	Potheads	10
1935	do	C. E Smith	Labor	ļ -
1936	do	McIntosh Stereopticon Co	Lamp and rheostat	34
937	do	Peoria Stone & Marble Works	Slate	3
1938	do	C. J. Gillespie. B. Jordan. D. A. Silver. L. P. Rayburn H. H. Buhs E. P. Grove. Len Rayburn H. G. Kaufman George Schiff A. F. Dyson. C. Ross. Lou Creiger N. Hahn H. Wascher N. Hahn H. Wascher S. Herriott F. W. Taylor R. T. Lumsden T. F. Jordan. Wilhelm Miller The Midget Novelty Co The Beardsley Hotel Co S. E. Dillavou. Indianapolis Blue Print & Supply Co Tech Typewriting Bureau Joseph T. Ryerson & Son Crosby Steam Gage & Valve Co. B. Barlow Stone & Forsyth R. A. Richards. The American Crayon Co Geo. Banta Publishing Co. Feldman System Mfg. Co T. H. Craig. Cable Piano Co. Office Specialties Co. Merck & Co. L. C. Smith & Bros. Typewriter Co The Shaw-Walker Co. G. H. Meyers Stover Mfg. Co Southern Illinois Penitentiary. S. E. Dillavon C. E. Prentice. W. T. Jewell L. K. Howse & Co E. M. Moll C. A. Hall Hardware Co. Henry Trevett P. E. Campbell P. D. Foster Burroughs Adding Machine Co The Breeder's Gazette A. H Basher Creamery Supply Co. W. A. Beasley. G. E. Amsbary J. W. Herriott Shuck Hardware Co. Emerson Electric Mfg. Co Durand Steel Locker Co John Hefferman. General Chemical Co Fuller & Fuller Co. M. A Donohue & Co. Driver-Harris Wire Co H. H. Wagner G. & W. Lelectric Specialty Co. C. E. Smith McIntosh Stereopticon Co Peoria Stone & Marble Works The A. F. Prectac Wm. Gaertner & Co K. L. Van Auken. General Electric Co Eagle Stamp Works.	Lettering doors	1
939	do	Wm. Price Estate	Labor and materials	25
940	do	wm. Gaertner & Co	Colored glass	. 6
		K I. Van Ankon	H:Xnanses	ē
941	do	Camanal Elastria Ca	A	152

Го <b>.</b>	Date.	To whom.	For what.	Amoun
	1912.		_	
1944 1945	Oct. 9	Electric Appliance Co. Engineering News. Hoskins Mig. Co. The Carson-Payson Co. The Henry O. Shepard Co. Stone Bros. Olney Milling Co. N. T. Pierce. Hunter, Allen & Co. The Gaddis Co. T. P. Baker. The Baltimore & Ohio R. R. Co. The Baltimore & Ohio R. R. Co. The American Law Book Co. B. Login & Son. Koelling & Klappenbach. G. D. Fuller. C. S. Paine, Secretary. Goodspeeds Book Shop. L. E. Goodman, Secretary. Tice & Lynch. The Arthur H. Clark Co. Chivers Bookbinding Co. Chicago Medical Book Co. A. S. Clark. T. L. Cole. Bennetts Magazine Agency. The Maning World. P. Adams. The Toledo Pipe Threading Machine Co.	Lamp cord	\$ 14
1945 1946	do	Hosking Mfg. Co.	Rangire	10
1947	do	The Carson-Payson Co.	Pipe	15 5 33 20
1948	do	The Henry O. Shepard Co	Books	20
1949	do	Stone Bros.	Hardware	6 55 4
1950	do	Olney Milling Co	White lead and ail	55
1951 1952	Oct. 10	Hunter Allen & Co	Time	3
1953	do	The Gaddis Co.	Mattress	3 15 7 1
1954	do	T. P. Baker	Hardware.	7
1955	do	The Baltimore & Ohio R. R. Co	Rental	1
1956	do	The American Law Book Co	Books	7 36 3 3 2
1957 1059	do	Koolling & Klannanhach	do	30
1959	do	G. D. Fuller	_do	3
1960	do	C. S. Paine, Secretary	Dues	ž
1961 1962	do	Goodspeeds Book Shop	Books	4 1
1962	do	L. E. Goodman, Secretary	do	1
1963 1964	do	Tice & Lynch	Books	3 2
1965	do	Chivers Rookhinding Co	do	1
1966	do	Chicago Medical Book Co	-do	5
967	do	A. S. Clark	do	8
1968	do	T. L. Cole	do	11
1969	do	Bennetts Magazine Agency	Subscription	2
970	do	The Mining World P. Adams The Toledo Pipe Threading Machine Co. National Carbon Co. Ingersol-Rand Co. of Illinois American Steam Pump Co. Bryan-Marsh Electric Works The Carborundum Co. Bradner, Smith & Co. A. Barr Central Scientific Co. C. C. Smith	Book. Hauling furniture Repairs Carbons	1 15
$971 \\ 972$	do	The Toledo Pine Threeding Mechine Co.	Rangire	10
973	do	National Carbon Co	Carbons	12
1974	do	Ingersoll-Rand Co. of Illinois	Brasses Pump and valves Lamps Aloxite cloth Paper Brick Sieve	9 12 9
1975	do	American Steam Pump Co	Pump and valves	42 36
1976	do	Bryan-Marsh Electric Works	Lamps	36
977	do	The Carborundum Co	Aloxite cloth	50
1978	do	Branner, Smith & Co	Paper	11
1980	do	Central Scientific Co	Sieve	7
1981	do	C. C. Smith	Signals	30 7 3
1982	do	C. C. Smith Illinois Press Clipping Bureau English Brothers	Signals Service Payment on contract Tile and pipe Repairs Books Supplies Printing	9, 592 22
	do	English Brothers	Payment on contract	9,592
1984	do	John B. Bennett	Tile and pipe	22
1088 1880)	ao	The Roston Book Co	Rooks	34
987	do	Eimer & Amend	Supplies	4 34 9 272
988	do	Flanigan-Pearson Co.	Printing	272
989	do	English Brothers John B. Bennett Bean Spray Pump Co. The Boston Book Co. Eimer & Amend. Flanigan-Pearson Co. Eugene Dietzgen Co. American Radiator Co. Derrough & Co. Automatic Electric Co Automatic Electric Co American Steam Gauge & Valve Mfg. Co. Hektograph Mfg. & Duplicator Co. White Line Steam Laundry. Montgomery Ward & Co. H. A. Wiersema. C. L. Reizner F. M. Colcord C. F. Hottes. Ernst Leitz A. W. Nolan. Tuttle & Clark G. A. Hosmer & Co. H. P. Stinespring. B. S. Pickett Frank Fiscus	Paper and cloth	53 128
990	do	American Radiator Co	Radiators	128
991	do	Derrough & Co	Tolophones etc	31 100
003	do	American Steam Gauge & Valve Mfg Co.	Ganges etc	31 102 44
994	do	Hektograph Mfg. & Dunlicator Co.	Refilling duplicator	3
995	do	White Line Steam Laundry	Washing.	3 20
996	do	Montgomery Ward & Co	Erasers	200
997	do	H. A. Wiersema.	Loan	200 200
000	do	E M Coloord	do	200 150
000	do	C. F. Hottes	Apparatus	109
001	do	Ernst Leitz	Apparatus	109 537
002	do	A. W. Nolan	Expenses	13
003	do	Tuttle & Clark	Brushes	15
004	do	G. A. Hosmer & Co	Floor wax	15 18 1, 245 24 177 1, 510 128
กกลไ	do	R S Pickett	Slides	1, 240
007	do	Frank Fiscus	Straw	177
008	do	Alexander, Ward & Conover	Live stock	1,510
009	do	The Western Gas Fixture Co	Clusters	128
010	do	A. J. Warren Brush Co.	Brushes	28
OID	do	Harsnaw, Fuller & Goodwin Co	Congrete work	9.070
013	do	The Lakenheimer Co	Lubricators	28 69 2,278 16
014	do	Westerlin & Campbell Co	Brine cooler	152
015	do	Peoria Stone & Marble Works	Slate	152 42
016	do	Western Stoneware Co	[Jars	10
017	do	Twin City Electric Co	Labor	99
010	op	Jacob White	Labor and teaming	512 89
020	do	B. S. Pickett Frank Fiscus Alexander, Ward & Conover The Western Gas Fixture Co. A. J. Warren Brush Co. Harshaw, Fuller & Goodwin Co. C. J. Welch The Lukenheimer Co. Westerlin & Campbell Co. Peoria Stone & Marble Works. Western Stoneware Co. Tuni City Electric Co. Jacob White. D. M. Sims. Walrus Mfg Co. Harry Derrough. C. M. MeConn.	Furniture	463
021	do	Harry Derrough	Roofing	70
2221		C M McConn	Evnonege	21

To.	Date.	The Adder Machine Co. Bryan-Maish Electric Works. Armour Glue Works. John C. Moore Corporation. H. C. Wheeler. F. W. Gault. C. A. Campbell. A. F. Gustafson. A. L. Moats. Alfred Bergren. G. W. Medley. American Steel & Wire Co. Dolese & Shepard Co. Paul Hansen. Luitwieler Pumping Engine Co. The Taylor Hardware Co. Underwood Typewriter Co. 20th Century Press Clipping Bureau. W. W. Walls & Co. Western Electric Co. R. A. Bowker Co. M. M. Desmond. W. J. Carmichael. B. E. Powell Frison Carriage Shop. W. W. Williams. H. A. Harding. R. C. Kastler. H. J. Credicott. G. W. Beardsley John Balcom. H. K. Baltzer. Callaghan & Co. Crescent Coal & Mining Co. Nora Kirwan. Elizabeth Good. H. C. Gilkerson. O. S. Fisher. J. B. Andrews Ralph Hilscher. Twin City Roofing & Sheet Metal Works R. C. Wagner & Son. Walker & Mulliken. Illinois State Penitentiary. G. C. Willis. E. H. Sargent & Co. Willis. E. H. Sargent & Co. Underwick & Essent. H. W. Johns-Manville Co. Knowlton & Bennett. J. W. Butler Paper Co. Woldenberg & Schaar Twin City Printing Co. H. W. Johns-Manville Co. Knowlton & Bennett. J. W. Butler Paper Co. Woldenberg & Schaar Twin City Printing Co. H. W. Johns-Manville Co. Knowlton & Bennett. J. W. Butler Paper Co. Woldenberg & Schaar Twin City Printing Co. H. W. Johns-Manville Co. Knowlton & Bennett J. W. Butler Paper Co. Woldenberg & Schaar Twin City Printing Co. H. W. Johns-Manville Co. Knowlton & Buechner H. Swannell & Son. Sengbusch Selfclosing Inkstand Co. Machinists Supply Co. F. A. Wilske. The Idea Electric Co. Library Bureau. G. E. Stechert & Co. Central Electric Co. G. F. Staples Co. O. O. Stanley. Geo. B. Carpenter & Co. Central Electric Co. G. F. Staples Co. O. O. Stanley. Geo. B. Carpenter & Co. Central Electric Co. G. W. Sheldon & Co. Ernst Hertzberg & Sons. John H. Doyle.	For what.	Amou
*^~	1912. Oct. 10			
5023	Oct. 10	The Adder Machine Co	Adding machine	\$ 24 12
5024 5025	do	Armour Clue Works	Chie	12
5026	do	John C. Moore Corporation	Rlanks	3
5027	do	H. C. Wheeler	Expenses.	4: 3: 7:
5028	do	F. W. Gault	do	3
5029	do	C. A. Campbell	do	7.
5030	do	A. F. Gustafson	do	2
5031	do	A. L. Moats.	Field expenses	2
2032	do	Alfred Bergren	do	1.4
1033 1024	do	A marian Start & Wine Co	Equaina	14
5035	do	Dolora & Shapard Co	Fortilizar	14 7: 44: 10:
5036	do	Pantagraph Printing & Stationery Co	Printing	44
6037	do	Paul Hansen	Expenses	10
5038	do	Luitwieler Pumping Engine Co	Pistons	7.
5039	do	The Taylor Hardware Co	Hardware	1
5040	do	Underwood Typewriter Co	Machine and platen	8
5041	do	20th Century Press Clipping Bureau	Clippings	1
042	do	W W. Walls & Co	Lumber	4
043	do	Western Electric Co	Lamps, cords, etc	1
1044 1045		M M Desmand	Evnongog	1 8 1 4 1 1
รบชอ รัก4ค	do	W I Carmichael	do	:
5047	do	B. E. Powell	do	2 1 4 4
5048	. do	Frison Carriage Shop	Wheel and repairs	1
5049	do	W. W. Williams	Wages, September, 1912	4
5050	do	H. A. Harding	Expenses	4
5051	do	R. C. Kastler	do	
052	do	H. J. Credicott	do	1
053	do	G. W. Beardsley	do	1 3 5 7 4
0054	do	John Balcom	do	1
OGO	Jdo	Callaghan & Ca	Doolto	] 5
เกรร	do	Croscopt Cool & Mining Co	Cool	7
1058	do	Nora Kirwan	Salary Santamber 1912	1
059	do	Elizabeth Good	do	4
6060	do	H. C. Gilkerson	Part wages, September, 1912	[ 7
061	do	O. S. Fisher	Expenses	15
6062	do	J. B. Andrews	do	15 1
5063	do	Ralph Hilscher	do	4
5064	do	Twin City Roofing & Sheet Metal Works	Copper, etc	4 7 4
065	do	R C. Wagner & Son	Setting plates, etc	4
0000	do	Walker & Mulliken	Furniture	3
MAR		Linnois State Penitentiary	Day goods	14
เกรด	do	E H Sargant & Co	Laboratory supplies	11
070	do	Western Carbon & Ribbon Co	Carbon naner	2
071	do	The Saffell Co.	Hardware, etc.	§
072	do	Illinois State Reformatory	Printing	65
073	do	Vaughan's Seed Store	Seeds	3
074	do	H. W. Johns-Manville Co	Pipe covering, etc	6
075	do	Knowlton & Bennett	Drugs	3 17 2 11 2 8 65 3 6
076	do	J. W. Butler Paper Co	Paper	7 22
077	do	Woldenberg & Schaar	Laboratory supplies	22
018	uo	H Mueller Mfg. Co.	Hose cooks	3
ሀሪስ	do	Kauffal & Essar Co	Drawing naner	i
081	do	Lemcke & Buechner	Books	2 1 2 1
082	do	H. Swannell & Son.	Drugs	l î
083	do	Sengbusch Selfclosing Inkstand Co	Inkstands.	2
084	do	Machinists Supply Co	Tools and supplies	1
085	do	F. A. Wilske	Repairs	6
086	do	The Ideal Electric Co	Electric supplies	j 6
087	do	Library Bureau	Truck, cards, etc	6 32
088	Oct. 12	U. E. Stechert & Co	Books	32
009 000	ao	O. F. Steples Chief Clark	Mon's payroll	1 49
เบชป เกฉา	uo	F W Robeson	Dry goods	1,48
002	do	A. C. McClurg & Co	Books etc	1, 48 10 23 1 4 20
093	do	O. O. Stanley	Supplies	- ~i
6094	do	Geo. B. Carpenter & Co.	Belting and supplies.	4
095	do	Central Electric Co.	Electric supplies	20
6096	do	G. E. Stechert & Co	Books	20 9
5097	do	Jas. B. Clow & Sons	Pipe, plugs, etc	9
5098	do	The Burr Co	Foundry work	4
099	do	G. W. Sheldon & Co	Duties, etc	12 15
100	do	Ernst Hertzberg & Sons	Bookbinding	15
	do l	Jonn H. Do∆le	Hardware, etc	7.

0.	Date.	To whom.	For what.	Amou
	1912.	F. R. Smedley & Co. G. A. Turell Otis Percival Boyd McDaniel O. E. Staples, Chief Clerk The Clerk F. R. Watson The Clerk The		
102	Oct. 12	F. R. Smedley & Co	Insurancedodo Filling silos. Hauling. Rebates to students. Sundry bills. Postage. Students' payroll. Freight. Men's payroll Expensesdodo Sundry bills. Washing.	\$ 56 56 51
103	do	G. A. Turell	do	5
104 105	Oct. 16	Otts Percival	Filling Silos	50
106	do	O E Stanles Chief Clark	Rehates to students	1 889
107	do	O. E. Staples, Chief Clerk	Sundry bills	383 577
$\begin{array}{c} 107 \\ 108 \end{array}$	do	W. W. Lindley, Postmaster	Postage	383
109	do	O. E. Staples, Chief Clerk.	Students' payroll	577
110	do	O. E. Staples, Chief Clerk	Freight	62
111	do Oct 17	O. E. Staples, Chief Clerk	Men's payroll	693
112	Oct 17	F R Watson	Expenses	13 337 15(
113	do	T A Clark	G	337
$\frac{114}{115}$	do	H A. Haugan	Weshing	190
116	ob	Commanding Officer Rock Island Ar-	wasning	
110		conditioning Officer, Rock Island Al-	Repairs	25
117	ob	J. J. Burtch	List	- i
118	do	W. H. Smith	List Expenses	ç
119	do	Augusta D. Evans	do	5
120	do	D. O. Barto	. do	4
121	do	J. J. Yoke	. do	22
122	do	N. W. Hepburn	do	1 28
123	do	Commanding Officer, Rock Island Arsenal J. J. Burtch W. H. Smitth Augusta D. Evans D. O. Barto J. J. Yoke N. W. Hepburn L. R. Lang W. H. Galliher J. H. Carter Hoagland's Livery & Garage Whiting Foundry Equipment Co. Buffalo Forge Co. O. S. Watkins B. S. Pickett W. M. Welty H. A. Höllister E. E. Hoskins C. W. Crabitree	do. Field expenses. do. Livery bill Traveling crane. Engine and fan Expenses.	9.5
124	ao	W. H. Galliner	rieid expenses	78 178
120	00	Hoogland's Livery & Carees	Tixory bill	178
197	uo	Whiting Foundry Equipment Co	Traveling crane	15 585
128	do	Buffalo Forge Co	Engine and fan	586
129	do	O. S. Watkins.	Expenses.	580 4
130	do	B. S. Pickett	do	
131	do	W. M. Welty	. do	28
132	do	H. A. Höllister	do	22 14 87 60 37 20
133	do	E. E. Hoskins	<u>do</u>	87
134	do	E. E. Hoskins. C. W. Crabtree G. E. Miller F. C. Bauer J. E. Whitchurch G. B. Willis P. D. Long. J. P. Aumer Stipes & Hecker Fred L. Hatch Hyre & Stewart. Chas. Fildes. R. J. Collier	Field expenses	60
135	do	G. E. Miller	Expenses	37
136	do	F. C. Bauer	Expenses	20
137 138	do	C D Willia	Field owners	96
139	do	P D Long	Field expenses  do  Expenses	86
140	do	J. P. Aumer	Expenses	11
141	do	Stipes & Hecker	Cement	177
142	Oct. 18	Fred L. Hatch	Coment. Expenses Payment on contract. Butter	80
143	do	Hyre & Stewart	Payment on contract	93 23 86 11 177 80 640
144	Oct. 19	Chas. Fildes	Butter	5
145	do	R. J. Collier	do	6
146	do	W. R. Olinger	do	7
14/	ao	G. H. Bost	do	,
148		Monmouth Crosmony Co	do	9
150	do	P W Potorson	do	ì
51	do	Forest Creamery Co	do	10
52	do	O. W. Albright	-do	- }
53	do	Iuka Creamerry Co	do	, €
54	do	Farina Creamery Co	do	$\epsilon$
55	do	Clark Grove Creamery	do	5
56	do	H. Sherkutt	ao	103 6 5 5 6 5 5 6 7 7 6 7 6 7 6 7 6 7 6 7 6
57	do	wm. Kane	ao	-(
58	do	John Coleman		15
60	oo	watseka Creamery	do do	2
61	40	II. L. Curliss	do	
62	do	Axel Larsen	do	
63	do	Ava Creamery Co	do	ř
64	do	O. C. Gerimur.	do	10
65	do	B. W. Hofaker	do	8
66	do	F. Szerlong	do	10
67	do	Charleston Dairy	do	10 8 10 10
80	do	J. A. Taylor	ao	3
70	ao	A. Thorpe	00	4
71	uo	A. Archibald	uu	10
79	uo	M Tangan	uv	10
173	- do-	Heu D. Hager Field D. Hager Hyre & Stewart Chas. Fildes. R. J. Collier W. R. J. Collier W. R. Olinger G. H. Bost. H. K. Duell Monmouth Creamery Co. P. W Petersen Forest Creamery Co. O. W. Albright. Iuka Creamery Co Clark Grove Creamery H. Sherkutt. Wm. Kane. John Coleman. Watseka Creamery P. Damgard. U. L. Curliss Akacl Larsen. Ava Creamery Co. O. C. Gerimur B. W. Hofaker F. Szerlong. Charleston Dairy J. A. Taylor A. Traylor C. C. Morise B. Geoksley M. Jensen. Geo. Heppenstadt C. C. Morse S. Grimm Fred Dehn H. H. Whiting G. J. Deardorf P. J. Petersen	_do	3
74	ob	C. C. Morse	do	7
75	do	S. Grimm	do.	6 10 6 3 7 8 7 7 6 10
76	do	Fred Dehn	do	7
77	do	H. H. Whiting	do	7
78	do	G. J. Deardorf	do	6
	a - 1	D T Detergen	do	10

٠o.	Date.	To whom.	For what.	Amou
	1912.			
5180	Oct. 19	Spring Valley Creamery Co. W. L. Richards. F. Grimm H. E. Siegman G. A. Cutler H. Griffen	Butter	\$ 36 55 34 46 66 67 33 11 33 37 64 33
5181	do	W. L. Richards	do	6
5182	do	F. Grimm	do	5
5183	do	H. E. Siegman	do	3
5184	do	G. A. Cutler	do	4
5185	do	H. Griffen	do	6
2186	do	A. L. Radke	do	6
5187	qo	C. A. Nurell	do	6
9188	do	W. F. Conway	do	7
P188	Oct. 22	The Adams-Bagnall Electric Co	Globes	3
2190	ao	The Holtzer-Cabot Electric Co	Carbon brushes	
2100	qo	American Steel & Wire Co	Steel rope	ا
2102		W III. Price Estate	Supplies	
5104 0189	do	Spencer Lens Co	Laboratory supplies	37
2102		wards Natural Science Establishment	Duin tin u	
5 1 UG 0 TA:)	do	P. S. Campbell	Crides	, 4
0180 7012		A. D. A. Publishing Board	Telephoneda	
5100		Tiolman I am descript	Cumplied	1
5100	do	Hjalmar Lunaquist	Supplies	ي ا
5200	do	Woldenbarg & Schoon	Laboratory cumplies	0,45
∪200 5201	40	Stings & Hodror	Cament	248 10 10 8 8 7 10 3 29 8 8 11 11 11 10 10
とうひょ	do	I. C Smith & Brog Tymographen C-	Supplies	1 1
20U3	40	F. Grimm H. E. Siegman G. A. Cutler H. G. H. Griffen A. L. Radke C. A. Nurell W. F. Conway The Adams-Bagnall Electric Co. The Holtzer-Cabot Electric Co. American Steel & Wire Co. Wm. Price Estate Spencer Lens Co. Wards Natural Science Establishment P. S. Campbell A. L. A. Fublishing Board Sengbush Self-Closing Inkstand Co. Hjalmar Lundquist Ernst Leitz Woldenberg & Schaar Stipes & Hecker L. C. Smith & Bros. Typewriter Co. The Taylor Hardware Co. John A. Salzer Seed Co. Simplex Time Recorder Co. J. C. Thomas Jacob White. Creamery Package Mfg. Co T. W. Wood & Sons The Alexander Lumber Co Frank Moonan, Treasurer Kimble Glass Co. The Diamond Match Co. P. D. Foster Frison Carriage Shop. The American Multigraph Sales Co. A. Barr E. T. Benjamin A. H. Barber Creamery Supply Co. The Breeders Gazette John Reichard Wm. Copper & Nephews F. S. Webster Standard Cap & Seal Co Mills Electric Co. Maxim Chemical Co The U. S. Encaustic Tile Works Laclede Christy Clay Products Co Reminton Typewriter Co. Buffalo Dental Mfg. Co M. A. Donohue & Co. Keuffel & Esser Co. Pittsburgh Meter Co. Crear-Adams & Co. Harbison-Walker Refractories Co. Foote Bros. Gear & Machine Co. Crutis & Co. Mfg. Co F. M. Leslie. Weston Electrical Instrument Co. American Housen Forist Co. Hudson Book Co.	Rone and wire	. }
5204	do	Tohn A Salvar Sand Co	Sands	
5205	do	Simpley Time Recorder Co	Sheets	8
5208	do	T C Thomas	Hardware etc	}
5207	do	Jacob White	Plastering	1 1
5208	do	Creemery Peckege Mfg Co	Dairy supplies	70
5209	do	T W Wood & Song	Saeds	'}
5210	do	The Alexander Lumber Co	Lumber etc	20
5211	40	Frank Moonan Traccurar	Subscription	20
5212	do	Kimble Glace Co	Tore	- 11
5912	do	The Diemond Metch Co	Matches	1 2
5014	do	P D Fostor	Labor and materials	
5915	do	Frigon Carriage Shop	Panaire	1
5916	40	The American Multigraph Soles Co	do	1
5917	do	A Borr	Rriel	1 17
5918	do	F T Reniemin	Horse shooing	10
5910	do	A H Borbor Croomory Supply Co	Dairy supplies	19
5220	do	The Breeders Gazette	Conies	- 2
5221	do	John Reichard	Corn	178
5222	do	Wm Conner & Nanhaws	Fluid din	116
5223	do	F. S. Webster	Conv holder	9
5224	do	Standard Can & Seal Co	Cans and rings	56
5225	do	Mills Electric Co	Electric supplies	19
5226	do	Maxim Chemical Co	Soan	- 9
5227	do	The U. S. Encaustic Tile Works	Tile	7
5228	do	Laclada Christy Clay Products Co	Tile brick etc	326
5229	do	Reminton Typewriter Co	Supplies	5
5230	do	Buffalo Dental Mfg. Co	Laboratory supplies	178 56 56 19 8 326 8 15 15
231	do	M. A. Donohue & Co.	Printing	15
232	do	Keuffel & Esser Co	Liner	Ę
233	do	Pittsburgh Meter Co	Meters	30
234	do	Crerar-Adams & Co	Gongs.	Ê
235	do	Harbison-Walker Refractories Co	Brick	16 21
236	do	Foote Bros. Gear & Machine Co.	Gears	21
237	do	Curtis & Co. Mfg. Co.	Castings.	
5238	do	F. M. Leslie.	Frame.	ĺ
5239	do	Weston Electrical Instrument Co	Repairs	20
240	do	American La-France Fire Engine Co	Extinguishers	4
241	do	The American Florist Co	Book.	8
5242	do	Hudson Book Co	do	7
5243	do	L. Utterback	Oats	21 9 1 20 4 3 7
5244	do	Harbison-Walker Refractories Co. Foote Bros. Gear & Machine Co. Curtis & Co. Míg. Co. F. M. Leslie. Weston Electrical Instrument Co. American La-France Fire Engine Co. The American Florist Co. Hudson Book Co. L. Utterback. American Society of Mechanical Engineers. American Society of Mechanical Engineers. American Southdown Breeders Assn. M. H. Meyers. St. Louis Smelting & Refining Co. Walrus Míg. Co. Western Valve Co. Link Belt Co. French Battery & Carbon Co. G. M. Davis Regulator Co. Henry Jacobs P. Adams. Wingert & Clevindence. The American Seeding Machine Co.	Books	6 3 7 13
245	do	American Hackney Horse Society	ao	8
246	do	American Southdown Breeders Assn		
247	do	м. н. мeyers	Tinting	13
248	do	St. Louis Smelting & Refining Co	Lead ore	5
249	do	wairus Mig. Co	LOCKS	1 7 22 7
250	do	western Valve Co	vaives	
251	do	Link Relt Co	Beit repairs	7
252	do	French Battery & Carbon Co	1.610	22
253	do	G. M. Davis Regulator Co	Valve	7
254	do	Henry Jacobs	rurnishing list	_1
255	do	P. Adams	Teaming	34
5256	do	Wingert & Clevindence	Flow	40
			LEanoire	1

No.	Date.	To whom.	For what.	Amou
	1912.	Corbon Cabinet Lock Co. Southern Illinois Penitientiary D. T. Dobbins, Proprietor. Irving Pitt Mfg. Co. The Urbana Courier Co. Meyer & Wenthe. Medart Patent Pulley Co. Joseph T. Ryerson & Son Standard Oil Co. F. K. Robeson Reliable Plumbing & Heating Co. U. & C. Railway, Gas & Electric Co. Jas. H. Rice Co. Chas. A. Hall Hardware Co. Green Street Pharmacy E. H. Sargent & Co. Leavitt Mfg. Co. A. O. Magnuson. Central Electric Co. Mittendorf & Kiler Bausch & Lomb Optical Co. W. W. Walls & Co. Vestinghouse Electric & Mfg. Co. Westinghouse Electric & Mfg. Co. International Acheson Graphite Co. J. W. Butler Paper Co. International Acheson Graphite Co. J. W. Butler Paper Co. H. F. Chester Walker & Mulliken. Watson Faulkner. J. H. Doyle Pyrene Co. H. P. Stinespring. Twin City Roofing. & Sheet Metal Works Eisner Grocery Co. Derrough & Co. General Electric Co. Western Carbon & Ribbon Co. The Miller Harness Co. Illinois State Penitentiary		
5258	Oct. 22	Corbon Cabinet Lock Co	Locks and keys	\$ 28 12
5259	do	Southern Illinois Penitientiary	Fertilizer	12
5260	do	D. T. Dobbins, Proprietor	Covers	1
2201	ao	The Urbana Courier Co	A dvartiging	1 2 5 17 120
5263	do	Mayer & Wenthe	Rubber stamps etc	5
5264	do	Medart Patent Pulley Co	Pulleys	17
5265	do	Joseph T. Rverson & Son	Steel	120
5266	do	Standard Oil Co	Oil, etc	78
5267	do	F. K. Robeson	Dry goods	*9
5268	do	Reliable Plumbing & Heating Co	Labor and materials	40
5269	do	U. & C. Railway, Gas & Electric Co	Gas and car tickets	482
5270	do	Jas. H. Rice Co	Glass	482 73 4 5 149
02/1 2070		Chas. A. Hall Hardware Co	Danger etc	1 4
0272 5072	00	F H Sargent & Co	Laboratory supplies	140
5974	do	Leavitt Mfg Co	Laboratory supplies	78
5975	do	A O Magnuson	Slides prints etc	78 123
5276	do	Central Electric Co.	Electrical supplies	119
5277	do	Mittendorf & Kiler.	Furniture	500
5278	do	Bausch & Lomb Optical Co	Laboratory supplies	975 303
5279	do	W. W. Walls & Co	Lumber, etc	303
5280	do	Westinghouse Electric & Mfg. Co	Meter, etc	126
5281	do	Western Electric Co	Repairing motor	12
5282	do	Flanigan-Pearson Co	Printing	98
283	do	International Acheson Graphite Co	Laboratory supplies	12 75
5284	do	J. W. Butler Paper Co	Drayage etc	75
0280 590 <i>0</i>	do	Wolker & Mullikan	Furnitura	33 362
020U 5997	do	Wateon Faulkner	Druge	302
5288	do	I H Dovle	Hardware etc	3 73 175 53
5289	.do	Pyrene Co	Fire extinguishers	73
5290	do	H. P. Stinespring	Hav. etc.	175
5291	do	Twin City Roofing & Sheet Metal Works	Solder, etc	53
5292	do	Eisner Grocery Co.	Groceries	14
5293	do	Derrough & Co	Solder, etc. Groceries. Hardware, etc. Motors, etc. Ribbons, carbons, etc. Harness, etc. Furniture.	14 8 198
5294	do	General Electric Co	Motors, etc	198
5295	do	Western Carbon & Ribbon Co	Ribbons, carbons, etc	20
5296	do	The Miller Harness Co	Harness, etc	115
529 <i>1</i>		Who with the Pennett	Dwage	117
5298 5900	do	Tablet & Ticket Co	Tage letters ate	44
5200	do	Chicago & Alton R R Co	Freight	198 26 79 117 41 44 7 47 28
5301	do	D. O. Barto.	Expenses	47
5302	do	F. L. Hatch	do	28
5303	do	J. V. Stevenson	do	16
5304	do	V. A. Place	do	27
5305	do	W. F. Handschin	do	] 9
5306	do	H. A. Reuhe	do	غ ا
5307	do	J. L. Edmonds		27
5006 5000	ao	A W Fischer	100	1 45
5210	do	H P Ottman	do	43 17
5311	do	F M Mann	do	1 7
5319	do	W. A. Ruth	Field expenses	155
5313	do	L. E. Foglesong.	Expenses	78 51
$5\bar{3}\bar{1}4$	do	F. C. Lincoln	do	5
5315	do	Constance B. Smith	do	:
5316	do	Grace V. Swan	do	. (
317	do	H. A. Hollister	do	120 120
318	do	F. W. Garrett	Jdo	129
319	ao	H. U. W neeler		125 158
102U	Jdo	P W Dielzenson	do	55
ემ≱⊥ ჯვეი	do	T P Walle	do	95
5323	do	The Dunhams Wayne III	Services	25 25
5324	do	W. G. Stromquist.	Expenses	14
$5\bar{3}\bar{2}\bar{5}$	do	McKey & Poague	Rent.	500
$53\overline{26}$	do	C. F. Mason, Bursar	Cards	16
5327	do	Library of Congress	Card deposit	200
5328	do	Derrough & Co General Electric Co. Western Carbon & Ribbon Co. The Miller Harness Co. Illinois State Penitentiary. Knowlton & Bennett Tablet & Ticket Co Chicago & Alton R. R. Co. D. O. Barto. F. L. Hatch. J. V. Stevenson V. A. Place. W. F. Handschin. H. A. Reühe. J. L. Edmonds. H. N. Parker. A. W. Fischer. H. P. Ottman. F. M. Mann. W. A. Ruth. L. E. Foglesong. F. C. Lincoln. Constance B. Smith Grace V. Swan. H. A. Hollister. F. W. Garrett. H. C. Wheeler. S. V. Holt. R. W. Dickenson. J. R. Wells. The Dunhams, Wayne, Ill W. G. Stromquist. McKey & Poague. C. F. Mason, Bursar Library of Congress. F. C. Jorgeson & Co. C. C. Short. Henry Troemner John O. Smith W. P. Carmichael Co. The University Club Stover Mfg. Co. Addressograph Co. G. L. Koch.	Furniture	200
5329	do	C. C. Short	Horse shoeing	2
5330	do	Henry Troemner	Scale and weights	98
5331	do	John O. Smith	Clock	1 12
5002	do	W. F. Carmicnael Co	Dand	16
5000 5000	oo	Stover Mfg. Co	Popoire	5
5325	do	Addressograph Co	Addragag	1 7
2000	do	G L Koch	Hay	174
		· · · · · · · · · · · · · · · · · · ·	[w]	

	Date.	To whom.	For what.	Amou
	1912.	C. W. Balke. Niemann Bros. Mfg. Co. Enterprise Foundry & Fence Co. The Carl Bajohr L. C. Co. Drake Marble & Tile Co. G. C. Willis. The Silica Syndicate, Ltd. New Jersey School Church Furniture Co. The J. Lang Electric Co. Weil Bros. The Western Gas Fixture Co. H. A. Dreer Goodspeeds Book Shop Pantagraph Printing & Stationery Co. Mangold-Alden Co. J. Bowman. W. W. Stokes Co. Otto Harrassowitz. J. Terquem & Cie. Joseph Bare & Co. Government of the Union of South Africa. Link Belt Co. Coal Age. Chicago Retort & Fire Brick Co. The Tribune Co. W. R. Bradley & Co. F. H. Goodrich. J. F. Umpleby. Hough & Davison. J. B. Bennett. Twin City Lee & Cold Storage Co. P. S. Campbell. General Electric Co. C. J. Welch. W. A. Beasley The Saffell Co. The University of Illinois Supply Store. S. E. Huff & Co. The Burr Co. Block Publishing Co. Federation of American Zionists J. H. Greenstone. Augusta D. Evans Sadie Jones Sadie Jones Sabel Bevier Charlotte Gibbs. Maud Parsons. Shuck Hardware Co. G. H. Myers. S. W. Foor. Dryer & Burt. Champaign & Urbana Water Co. Granitoid Stone Co. Larry & Larry. C. H. Hanson. Jacob White. F. C. Jorgeson.		
337	Oct. 22	C. W. Balke	Chickens	
338	do	Niemann Bros. Mfg. Co	Wood and metal nests	32
339	do	Enterprise Foundry & Fence Co	Fencing, etc	89
340	do	The Carl Bajohr L. C. Co	Labor and materials	66
341	do	Drake Marble & Tile Co	Marble	24 1
342	do	G. C. WIIIIS.	Dry goods	110
343	ao	The Silica Syndicate, Ltd	Laboratory apparatus	110 35 205 1, 152 637 167
344	ao	New Jersey School Church Furniture Co.	Frames	35
246	00	Weil Dress Electric Co	Switchboard	205
247	do	Well Bros.	Tighting fratumes	1, 152
240	do	The Western Gas Fixture Co	Lighting fixtures	1057
340	do	Goodspoods Pools Shop	Pooles	107
250	do	Double group b Dring & Station and Co	Drinting	184
251	uo	Pantagraph Frinting & Stationery Co	Complies	189
250	uo	Mangoid-Aiden Co	Transferrence etc	3
252	do	J. DOWINAII.	Compigner per sing	21 29
959		W. W. Stokes Co	Carriage repairs	28
0004	ao	Otto Harrassowitz	Books	79
0000	do	J. Terquem & Cie	do	16
350	ao	Joseph Baer & Co	do	2
357	ao	Government of the Union of South Africa.	do	i
350	oo	Link Beit Co	Carrier equipment	500
359	ao	Coal Age	supscription	120
360	do	Chicago Retort & Fire Brick Co	Tile	120
361	do	The Tribune Co	Subscription	5
362	do	W. R. Bradley & Co	Entertaining	
363	do	W. R. Bradley & Co	do	10
364	do	F. H. Goodrich	Lumber	10 375 143
365	do	J. F. Umpleby	Posts	143
366	do	Hough & Davison	Hardware, etc	61
367	do	J. B. Bennett	Labor	97 114
368	do	Twin City Ice & Cold Storage Co	Ice	114
369	do	P. S. Campbell	Printing	16
370	do	General Electric Co	Electrical apparatus	851
371	do	C. J. Welch	Concrete work	379 70
372	do	W. A. Beasley	Labor and materials	70
375	do	The Saffell Co.	Hardware, etc.	- 63
374	do	The University of Illinois Supply Store	Office supplies	200 1, 128
375	do	S. E. Huff & Co	Lumber, etc.	1. 128
376	do	The Burr Co	Foundry work	552
377	do	Block Publishing Co	Books	26
378	do	Federation of American Zionists	do	2
379	do	J. H. Greenstone	do	3
380	do	Augusta D. Evans	Expenses.	3
381	do	Sadie Jones	Services	45
382	do	Isabel Bevier	Expenses	11 10
383	do	Charlotte Gibbs	do	10
384	do	Mand Parsons	_do	11
385	ob	Shuck Hardware Co.	Hardware	22
386	do	G. H. Myers	Straw	2
387	do	S. W. Foor	Cow	65
388	do.	Drver & Burt	Oats and corn	419
389	do	Champaign & Urbana Water Co	Water	2
390	do.	Granifold Stone Co.	Labor and materials	85
391	do.	Larry & Larry	Tank.	12
392	do	C. H. Hanson	Brass plates	57
393	do.	Jacob White	Plastering	16
394	do.	F. C. Jorgeson	Frames	36
395	do	Kawaiinaa Mfg. Co	Drawing tables	616
196	do	Ludlow Valve Mfg. Co	Valves	28
397	do	Bennetts Magazine Agency	Subscription	1
1808	do	Boston Book Co	Books	3
Ragi	do	T I Taylor	do	4
inn	do	Edward Bakar	do	3
101	do	Croscont Cool & Mining Co	Cool	23
100	uo	Floatria Coal Co	do	23 572
102	do	The Hill & Criffith Ca	Oil hurnare	
100	uo	T T Hoghing	Evnonges	85 114
104	uo	A T. Moots	Try homogo	25
100	uo	A. D. MUSIS	uv	25
100		U. U. LOGAII		86
±U/	qo	W. E. LYON & CO	Dl-	50
100		A. C. McClurg & Co	D00KS	135
±09	ao	rianigan Pearson Co	rrmung	306
110	do	The roley Mig. Co	rayment on contract	3,500
1111	do	w estinghouse Cooper Hewitt Co. Ltd	Laboratory apparatus	70
111		C. J. Welch	Labor and materials	618
112	Oct. 201			
112 113	Oct. 24	Champaign & Urbana Water Co. Granitoid Stone Co. Larry & Larry C. H. Hanson. Jacob White. F. C. Jorgeson. Kewaunee Mfg. Co. Ludlow Valve Mfg. Co. Bennetts Magazine Agency Boston Book Co. T. J. Taylor. Edward Baker Crescent Coal & Mining Co. Electric Coal Co. The Hill & Griffith Co. E. E. Hoskins. A. L. Moats. C. C. Logan. W. E. Lyon & Co. Flanigan Pearson Co. The Foley Mfg. Co. Westinghouse Cooper Hewitt Co. Ltd. C. J. Welch H. Wascher S. Herriott. C. Ross.	Milk	$\begin{array}{c} 21 \\ 7 \end{array}$

No.	Date.	To whom.  A. F. Dyson. Geo. Schiff. H. C. Kaufman. L. P. Rayburn D. A. Silver B. Jordan. Cora Stacker J. M. Smith J. E. Haney. Frank Knox. S. Guinn. G. W. Van Meter R. S. McInnes. Pearl Hazen. John Godsell. D. S. Herriott. N. Hahn. Lou Creiger E. Grove. H. H. Buhs. F. W. Howell. W. J. Wilson. W. J. Wilson. W. H. Frame I. H. Besore. George Herriott. David Wilkins. John McCullough. F. Krukewitt E. R. Canaday. W. D. Rohl. Mrs. I. Ellrod. W. F. Hampton. T. M. Ghere. C. A. Fogel. D. W. Shiveley. G. F. Dielenbach. L. F. Lindsey. Bert Rayburn S. Kaufman. H. J. Moorehouse. C. W. Hamm Len Rayburn G. Reedstack. C. J. Gillespie. J. F. Hoy. J. C. Anderson. F. H. Busey. F. W. Taylor M. C. Keene. R. A. Lumsden. A. R. Grindley. W. W. Meyer. W. C. Welch. J. W. Anderson. H. I. Nelson. G. M. Seeber. C. C. Cordon. T. P. Lyon. M. Herriott A. G. Krukewitt J. H. Umbanhauer J. E. Henderson. M. Leigh. N. Murrell J. B. Sallidard O. W. Hampton. G. K. Selidard O. W. Hampton. S. Atchison. W. H. Herpot. J. H. Grays. F. T. Lyons. S. Atchison. W. H. Webb. J. A. R. Koch W. H. Horpyon. T. A. McCordon. W. H. Grays. T. A. McCordon. W. H. Leigh. John Weiss.	For what.	Amo
	1912.			
5416	Oct. 24	A. F. Dyson	Milk	\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5417	do	Geo. Schiff	do	1
5418	do	H. C. Kaufman	do	]
5420	00	D. A. Silvon	do	1
5421	do	B Iordan	do	1
5422	do	Cora Stacker	do	
5423	do	J. M. Smith	_do	
5424	do	J. E. Hanev	do	1
5425	do	Frank Knox	do	1
5426	do	S. Guinn	do	
5428	do	G. W. Van Meter	do	2
428	do	R. S. McInnes	do	
429	do	Pearl Hazen	do	2
3430	do	D C Howintt	do	١ ,
1431	do	N Hehr	do	1
1432	do	Lou Craigar	do	1
434	do	E Grove	do	1
435	do	H. H. Buhs	do	-
436	do	F. W. Howell	do	
437	do	W. J. Wilson	do	
438	do	W. H. Frame	do	
439	do	I H. Besore	do	
440	do	George Herriott	do	1
441	do	David Wilkins	do	
442	do	John McCullough	do	1
443	do	F. Krukewitt	do	
444	do	E. R. Canaday	do	
445	do	W. D. Rohl	do	ا ا
446	do	Mrs. 1. Ellrod	do	
447	do	W. F. Hampton	d0	-
448	uo	C A Forel	do	1
450		D W Shiveley	do	í
451	do	G F Diefenbach	do	,
452	do	L. F. Lindsey	do	
453	do	Bert Rayburn	.do	
454	do	S. Kaufman	-do	
455	do	H. J. Moorehouse	do	1
456	do	C. W. Hamm	do	
457	do	Len Rayburn	do	1
458	do	G. Reeistack	do	
459	do	C. J. Gillespie	do	1
460	do	J. F. Hoy	do	1
461	qo	J. C. Anderson	do:	-
462	do	F. H. Busey	00	1
463	do	M. C. Fasse	do	1
404	ao	D A Tumedon	do	
466	do	A R Grindley	do	
467	do	W. W. Mever	do	11 11 11 11 11
468	do	W. C. Welch	do	•
469	do	J. W. Anderson	do	
470	do	H. I. Nelson	do	
471	do	G. M. Seeber	do	1
472	do	C. C. Cordon	do	1
473	do	T. P. Lyon.	do	1
474	do	M. Hudson	do	_
475	ao	J. M. Herriott	00	2
476).	o	A. G. ATUKOWILL	uu	-
4770	uo	J. H. UHDAHIIAUEI	uv	1
470	uo	M Laigh	do	1
480	do	N Murrall	do	-
481	do-	J. B. Salliday	do	1
482	do	A. G. Guard	do	-
483	do	O. W. Hampton	do	
484	do	E. F. Lyons	do	1
485	do	S. Atchison	do	:
486	do	W. H. Webb	do	
487	do	J. A. R. Koch	do	1 1 1 2 1 1 1
488	do	W. H. Gray	do	. 1
489	do	F. Thompson	do	
490	do	T. A. McCracken	do	10
491	do	W. E. Yount		10
492	do	I. H. Gordon		16 8 13
			(11)	

lo.	Date.	C. Allen G. Taylor Jas. Freeman. J. H. Schwengel. E. W. Smalley O. A. McInnes P. P. Dunn. J. M. Stickrod. R. W. Graham T. F. Jordan R. T. F. Jordan R. T. Lumsden. The Alumi Quarterly B. L. Bowling L. M. Van Wegen C. G. Cox Carlin McAdams B. S. Pickett C. E. Durst J. C. Hoke Joseph Newman R. C. Wagner & Son Geo. Banta Publishing Co. O. S. Watkins. The Carswell Co., Ltd G. E. Stechert & Co. McKey & Poague C. A. Campbell F. W. Gault C. V. Gregory J. R. Midyett Chas. Grein Frank Gerdes G. F. Meirs A. F. Gaird Standard Supply & Equipment Co. R. C. Wagner The Torch Press Ralph Chaplin Anson Northrup American Steam Pump Co The O. H. Paddock Lumber Co. A. Van Alstine P. F. Mebarry Trent-Boyd Mercantile Co. F. W. Wilson H. L. Gannett O. S. Watkins L. E. Foglesong American Can Co. S. O. Andros Ralph Hilscher J. Terquem & Cie. Martinus Nijhoff D. A. Abrams C. C. Alen C. H. Allen C. W. Alden C. H. Allen C. W. Alden C. H. Allen C. W. Alvord L. L. F. Anderson S. O. Andros R. M. Alden W. C. Allee C. H. Allen C. W. Alvord L. F. Anderson S. O. Andros S. O. Andros June M. Ashley Ruth S. Atwell G. W. Balgey W. H. Bair I. O. Baker R. P. Baker	For what.	Amou
	1912.			
5495	Oct. 24	C. Allen	Milk	\$ 3 7
5496	do	G. Taylor	do	. 7
1497	do	Jas. Freeman	do	5
400	do	J. H. Schwengel	do	11
499	do	E. W. Smalley	do	10
OUUG	ao	O. A. McInnes	do	5 5 19
2001	ao	P. P. Dunn	do	5
002	do	J. M. Stickrod	do	19
606	00	R. W. Granam		5 27
PUG		T. F. Jordan	do	27
500		Che Alamani Oscartania	Allegreenee	250
500		The Alumni Quarterly	Allowance	250
901	00	T. M. War Waren	Expenses	3 35
500		ID. M. Van Wegen	E	30
E10	do	Coulin Mod dama	D. D	40 43 23
511		D C Dielett	Dull	40
511	00	O E Desert	Expenses	20
512	00	C. E. Durst		10
513		J. U. HOKE		29 11
014	ao	Joseph Newman		11
010	ao	R. C. Wagner & Son	Teaming	192
010	00	Geo. Danta Publishing Co	Frining.	192
517	ao	O. S. Watkins	Expenses	40
518	ao	The Carswell Co., Ltd	DOOKS	857 143
519	ao	G. E. Stechert & Co		143
520	do	Mckey & Poague	Rental	500
521		To A. Campbell	Expenses	47 85
522	,-qo	C T Company		80
523		U. V. Gregory	Tield area	188 49
505	do	Chag Chain	r leid expenses	100
020	Oct. 25	Chas. Grein	straw	188
520		C T Mains		90
500		A To Coind	d0	87 15 95 13
528		A. F. Gaird.	D	15
529		prandard suppry & Equipment Co	Darrows	90
230	do	R. C. Wagner	Moving tree	19
001		Dalph Charlin	Diol d ormanaa	$\begin{array}{c} 1 \\ 242 \end{array}$
522	do	Angen Mentheur	Prints	242
500	do	Amorican Steam Duman Co	Ctoom oboot	10
525	uo	The O H Deddeels Lumber Co	I umbor	15 38 511
536	do	A Van Aletina	Evnances	911
537	Oct 26	P F Maharry	Rant of horse	6 13
538	do 20	Trant-Royd Margantile Co	Hav	138
530	do	F W Wilson	Evnances	10
540	do	H I. Connett	Fire increation	50
541	do	O S Wetking	Evnance	50 35 57
542	do	L E Foglesong	do	57
543	do	American Can Co	Cans	20
544	do	S. O. Andros	Expenses	54
545	do	Ralph Hilscher	_d0	54 27
546	Oct. 28	I. Terguem & Cie	Books	40
547	ob	Otto Harrassowitz	_do	15
548	do.	Laura E. Evans.	Expenses	15 71
549	do	J. Terquem & Cie	Books	iõ
550	do	Martinus Nijhoff	do	4
551	Oct. 31	D. A. Abrams	Salary, October, 1912	133 137 333
552	. do.	C. C. Adams	-do	137
553	do	R. M. Alden	do	333
554	do	W. C. Allee	do	120
555	do	C. H. Allen	_do	30
5561	do	C. W. Alvord	do	145
557	do	L. F. Anderson	do	208
558	do	S. O. Andros	do	125
559	do	June M. Ashley	do	30
560	do	Ruth S. Atwell	do	120 30 145 208 125 30
561	do	G. D. Bagley?	Scholarship, October, 1912	25
562	do	W. C. Bagley	Salary, October, 1912	291 50 50
563	do	Margaret L. Bailey	Fellowship, October, 1912	. 50
564	do	W. H. Bair	Salary, October, 1912	50
565	do	I. O. Baker	do	333
566	do	R. P. Baker	do	333 30 150
567	do	E. C. Baldwin	do	150
568	do	C. W. Balke	do	183
569	do	Panzy Barger	do	30
570	do	Bronson Barlow	do	50
571	do	J. T. Barrett	do	50 58
		H H Bortolle	do	50
572	aol			100

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

0.	Date.	To whom.	For what.	Amou
	1912.	H. J. Barton. Edward Bartow. S. J. Bates. P. J. Batkin. W. S. Bayley G. D. Beal. J. H. Beard J. B. Beck. J. E. Bell B. W. Benedict Madison Bentley E. J. Berg. Daisy L. Blaisdell D. S. Blondheim. Leonard Bloomfield B. H. Bode. F. J. Beoger		
5574	Oct. 31	H. J. Barton	Salary, October, 1912	\$250 291 100
575	do	Edward Bartow		291
577	do	S. J. Bates	00	40
572	do	W S Raylay	do	187
579	do	G. D. Beal	do	120
5580	do	J. H. Beard	do	120 120
5581	do	J. B. Beck.	do	166
582	do	J. E. Bell	do	1 60
583	do	B. W. Benedict	do	291 250
584	do	Madison Bentley	do	250
585	do	E. J. Berg	do	333
586	ao	Daisy L. Blaisdell		100
08/	00	L. S. Blondneim	do	116 120
200 520	do	B H Bodo	do	250
รดก	do	E L Rogart	do	250 250
591	do	Ethel Bond	do	83
592	do	G P Roomsliter	do	130
593	do	R. L. Borger	do	125
594	do	C. V. Bover	do	250 83 130 125 125 60 250
95	do	R. O. Brigham	do	60
96	do	Morgan Brooks	do	250
97	do	Daisy L. Blaisdell. D. S. Blondheim Leonard Bloomfield B. H. Bode. E. L. Bogart Ethel Bond. G. P. Boomsliter R. L. Borger C. V. Boyer R. O. Brigham Morgan Brooks N. C. Brooks Verna Brooks Verna Brooks Elizabeth P. Brush J. M. Bryant. W. A. Buchen. A. M. Buck S. J. Buck W. E. Burge L. V. Burton A. S. Buyers H. V. Canter A. P. Carman D. H. Carnahan F. W. Cargenter E. W. Chittenden. A. H. Clark C. R. Clark K. A. Clark T. A. Clark T. A. Clark T. A. Clole. Vida L. Collins H. W. Colson A. R. Craic B. H. Crowder W. E. Cummins F. W. E. Cummins Florence R. Curtis A. H. Daniels R. E. Daviss B. S. Davisson W. B. Day. E. H. Decker	do	200 80 80
98	do	Verna Brooks	do	80
99	do	Elizabeth P. Brush	do	80
00	do	J. M. Bryant	do	183 110 150
01	do	W. A. Buchen	do	110
02	do	A. M. Buck		150
03	do	S. J. Buck		116 166
04 05	do	W. E. Durge	30	100
06	do	A S Burrore	do	30 120
07	do	H V Center	do	166
	do	A P Carman	do	333 208 166
09	do	D. H. Carnahan	do	208
310	do	F. W. Carpenter	do	166
11	do	G. E. Carscallen	do	75
12	do	Roy Carter	do	75 100 120 150
13	do	E. W. Chittenden	do	120
14	do	A. H. Clark	do	150
15	do	C. R. Clark	do	166 30 416 250 10 130 90 100 180
316	do	K. A. Clark	do	30
117 118	ao	T. A. Clark	00	410
18	do do	Alexander Cohn	do	200
20	do	A C Cole	do	130
21	do	Vide L. Collins	do	90
$\overline{22}$	do	H. W. Colson	do	100
23	do	A. F. Comstock	do	180
24	do	H. P. Corson.	do	100
25	do	Jennie A. Craig	do	75
26	do	A. R. Crathorne	do	75 141 120
27	do	H. L. Creek	do	120
28	do	B. H. Crowder		15
29	do	W. E. Cummins	do	15
30 31	do do	A H Doniels	do	110 300 100
32	uo	R E Davis	do	100
33	do	R S Davisson	do	50
34	do	W. B. Day	do	208
35	do	E. H. Decker	do	250
36	do	J. A. Dent	do	150
37 I	do	W. W. Denton	do	208 250 150 120
38	do	C. G. Derick	do	141 250
39	do	E. R. Dewsnup	do	250
40	do	J. K. Ditchy	do	.80
41	do	W. F. Dodd		166
42	do	D. K. Dodge		80 166 250 90
43	do	G. W. DOWING	do	160
44	do	R. E. Davis. B. S. Davisson. W. B. Day. E. H. Decker. J. A. Dent. W. W. Denton. C. G. Derick. E. R. Dewsnup. J. K. Ditchy. W. F. Dodd. D. K. Dodge. G. W. Dowrie. F. K. W. Drury. F. O. Dufour. J. C. Duncan. J. M. Duncan. R. S. Dunham.	do	166
	do	r. O. Dullour	do	330 700
46	do	I M. Duncan	do	90
40	do	J. C. Dunean. J. M. Dunean. R. S. Dunham. Fannie Dunlap. H. H. Dunn. R. A. Dutcher. H. S. Eames.	-do	166 229 90 10 55 91
40	do	Fannie Dunlan	do	55
50	do.	H. H. Dunn	do	91
51	do	R. A. Dutcher	do	60 130
				100

₹o.	Date.	To whom.	For what.	Amou
	1912.	W. C. Eels. B. L. Eicher W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger E. W. Engle. N. E. Ensign J. A. Fairlie. Bernard Fantus. R. N. Fargo. S. P. Farwell E. C. Faust. Mary E. Fawcett. Winifred Fehrenkamp. Emma Felsenthal H. F. Ferguson. E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II. W. B. Flanigan F. I. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford. Ross-Lee Gaut J. A. Frisk Edward Fulton J. W. Garner N. B. Garner		
5653	Oct. 31	W. C. Eels.	Fellowship, October, 1912	\$ 50 100
5654	do	B. L. Eicher	Salary, October, 1912	100
2022	do	W. E. Ekolaw	do	60 150
5657	do	Arnold Frach	do	150 166 166 30 120 250 50
5658	do	M I. Engar	do	166
5659	do	E. W. Engle	do	30
5660	do	N. E. Ensign	do	120
5661	do	J. A. Fairlie	do	250
5662	do	Bernard Fantus	do	50
5663	do	R. N. Fargo	do	50 140 60
5664	do	S. P. Farwell	do	140
5665	do	E. C. Faust	do	( 60
5666	do	Mary E. Fawcett.	do	166
2007 2000	do	Winifred Fenrenkamp	- do	70 75 60
5005 5880	do	Emma reisentnai	do	75
567N	do	E E Fiero	do	45
5671	do	E I Filber	do	166
5672	do	I. W. Fisk	do	120
5673	do	J. D. Fitz Gerald II.	do	166 120 208
5674	do	W. B. Flanigan	do	80
5675	do	F. L. Fleener.	do	40
5676	do	V. R. Fleming	do	125
5677	do	C. H. Fletcher	do	15
5678	do	G. T. Flom	do,	208
5679	do	J. W. Folsom	do	208 166 41 250
5680	do	S. A. Forbes	do	41
5000	ao	Dogo Loo Cont	. do do	250
5602		T A Friels	Salary, November, 1912	91
5684	do	Edward Fulton	do	175
5685	do	I W Garner	do	250
5686	do	N B Garver	do	150
5687	do	E. N. Gathercoal	do	
5688	do	Rosa-Lee Gaut	do	35
5689	do	H. L. Gill	do	200
5690	do	C. E. Gillett.	. do	35 200 30 60
5691	do	Hugh Glasgow	do	60
5692	do	E. A. Glenz	do	1 10
5693	[do	H. F. Godeke	do	120
5694	do	Julius Goedel	. do	190
5606	do	G A Goodenoveh	do	250
5697	do	F M Goodman	do	270 120 250 100
5698	do	Edward Fulton J. W. Garner N. B. Garver E. N. Gathercoal Rosa-Lee Gaut H. L. Gill C. E. Gillett. Hugh Glasgow E. A. Glenz. H. F. Godeke Julius Goebel H. F. Gonnerman G. A. Goodenough F. M. Goodman T. G. Goodwin	do. Salary and balance, September, 1912. Salary, October, 1912. do. do.	1
0000			1912	105
5699	do	W. F. M. Goss	Salary, October, 1912.	500
5700	do	P. S. Goulding.	do	105 500 133 60
5701	do	Bessie R. Green	do	60
5702	do	Frederick Green	dodododododo	
5703	do	E. B. Greene	do	187
5704	do	W. F. M. Goss. P. S. Goulding Bessie R. Green. Frederick Green. E. B. Greene T. H. Guild J. E. Guthberlet. Alta Gwinn	00	187 125 60
5705 5700	ao	Alto Crying	do	80
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5700	. do	Stella M. Hagne	Salary, October, 1912	1 80
5710	. do	H. G. Hake	.do	120
5711	do	W. G. Hale	do	120 250
$57\bar{12}$	do	R. G. Hall	ldo	30
5713	do	L. G. Hana.	do	170
5714	do	Paul Hansen	do	250 90 150
5715	do	Sada Harbarger	do	90
5716	do	A. A. Harding	do	150
5717	do	O. A. Harker	do	333
5718	ao	E. U. Hayes		333 233 60
5719	00	C. M. Heddert	do	1 60
5720 5791	ao	T T Told	do	40
5799	do	W S Handriv	do	40 50 85 75 30 50 40 100
5792	do	Margaret Herdman	do	75
5724	do	R. W. Hess	do	30
5725	do	C. K. Hewes	do	50
5726	. do	F. E. Hill	do	40
5727	do	Ralph Hilshoer	do	100
5728	do	R. G. Hall L. G. Hana Paul Hansen Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilshoer M. E. Hinds Jacob Hodnefield M. A. Hollinshead	do	60 100 40
****	40	Jacob Hodnefield	l. do	100
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5748 5749 5750 5751 5752 5753 5754 5755 5756 5757 5758 5759 5760 5761	. do	Isabel Jones L. T. Jones. Ralph Jones. R. C. Jones. R. T. Jones. H. H. Jordan. J. C. Jordan. J. C. Jordan. J. B. Kaiser Oliver Kamm. Eleanor G. Karsten. C. F. Kelley.	do	90 00 160 00 140 00 100 00
5749 5750 5751 5752 5753 5754 5755 5756 5757 5758 5759 5760 5761	. do	L. T. Jones. Ralph Jones. R. C. Jones. R. T. Jones. H. H. Jordan. J. C. Jordan. Emme R. Jutton J. B. Kaiser. Oliver Kamm Eleanor G. Karsten. C. F. Kelley.	do do do do do do do	90 00 160 00 140 00 100 00
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5751 5752 5753 5754 5755 5756 5756 5757 5758 5759 5760 5761	do	R. C. Jones. R. T. Jones. H. H. Jordan. J. C. Jordan. J. B. Kaiser Oliver Kamm. Eleanor G. Karsten. C. F. Kelley.	.do	160 00 140 00 100 00 100 00
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5758 5759 5760 5761	do do	Eleanor G. Karsten	do	100 00
5759 5760 5761	do	C. F. Kelley.		100 00
5760 5761	do		do	130 00
57611		J. M. Kellog	do	140 00 80 00 60 00 130 00
ETCO	do	Ruth Kelso.	do	80 00
5762	do	A T Kompner	do	120 00
5764	do	R. E. Kennedy	do	110 00
5765	do	V. A. Ketchum	-do	150 00
5766	do	Arthur Kiernan	do	150 00 60 00
5767	do	A. H. Kimball	do	140 00
5768	do	S. F. Kimball	do	60 00 140 00 120 00 75 00 500 00 100 00 208 33 100 00
5769	do	Margaret L. Kingsbury	do	75 00
5771		Florance M. Kirkun	do	100.00
5772	do	C. T. Kninn	do	208 33
5773	do	A. H. Koller	.do	100 00
5774	do	A. P. Kratz	do	100 00
5775	do	E. V. Kratz	Scholarship, October, 1912	25 00 140 00 208 33 120 00 150 00 60 00 95 00
5776	do	A. C. Krey	Salary, October, 1912	140 00
5779	do	Martha I Kyla	do	208 33
5779	do	E. I. Laka	do	150 00
5780	.do	Wilhelm Hirshkind	.do	60 00
5781	.do	Marion C. Landee	do	95 00
5782	do	E. T. Lanham	do	
57831.	do	L. M. Larson	do	216 66 150 00 30 00
5705	do	T. F. Laving	do	190 00
5786	do	Eugana Laslia	do	10 00
5787	.do	O. E. Lessing.	do	233 33
5788	do	O. A. Luetwiler	do	200 00
789 .	do	L. H. Lillehei	do	233 33 200 00 90 00
790 .	do	F. C. Lincoln	do	166 66 30 00
791.	do	K. H. Linkins		30 00
792	do	J. M. Linsley	00	21 66 183 33 120 00
704 .	do	F C Loring	do	100 00
795	-do-	C. A. Ludwig.	do	30 00
5796	do	H. T. Lundquist	do	50 00
5797	do]	E. B. Lytle	do	133 33 120 00
5798 .	do j	Ellen S. McCarthy	do	120 00
2699	qo J	LOIS D. MCCODD	ao	90 00 208 33
1801 -	do	Rudolph McDermet	Fellowship, October, 1912	200 00 50 00
5802	.doi	O. F. McFarland	Salary, October 1912	50 00 150 00
5803	.do(	C. G. MacArthur.	do	150 00 30 00
5804	.do\	Wallace MacFarlane	Fellowship, October, 1912	30 00
5805 .	do 4	A. D. MacGillivray	Salary, October, 1912	208 33
806 .	do]	O. A. MacInnes		120 00
2007	ao	Wilhelm Hirshkind Marion C. Landee E. T. Lanham L. M. Larson. H. H. Lauer T. E. Laying. Eugene Leslie O. E. Lessing. O. A. Luetwiler H. Lillehei H. Lillehei F. C. Lincoln R. H. Linkins J. M. Linsley Simon Litman F. C. Loring J. A. Ludwig H. T. Lundquist E. B. Lytle Ellen S. McCarthy Lois D. McCobb A. B. McDaniel Rudolph McDermet J. F. McFarland J. G. MacArthur Wallace MacFarlane A. D. MacGillivray D. A. MacInnes L. Wallolm J. A. MacInnes L. Walled J. A. MacInnes L. Walled J. A. Maney J. Manley	Fellowship October 1012	150 00 50 00 77 77
, 600 1800	-u0	T. A. Manley	Salary October 1912	77 77

0.	Date.	F. M. Mann. F. W. Marquis O. R. Martin. M. S. Mason. G. H. Meyer. E. B. Millard F. H. Miller H. M. Miller H. W. Miller R. N. Miller R. N. Miller W. S. Miller W. Morlen H. W. Morlen H. G. Moore H. H. Moore H. H. Moore H. H. Moore H. F. W. Morphy B. C. Morse W. E. Mosher C. M. Moss Gertrude Moulton C. F. Nelson W. E. Mosher C. M. Moss Gertrude Moulton C. F. Nelson W. S. Nelson Allan Nevins C. R. Newell C. B. Newell C. B. Newell C. B. Newell C. B. Newell H. L. Olin T. E. Oliver A. W. Owens E. B. Paine H. L. Oliver A. W. Owens E. B. Paine H. G. Pault A. S. Pease J. E. Pendelton H. M. G. Paul A. S. Pease J. E. Pendelton H. M. Porter R. S. Potter Anton Prasil A. L. Prickett D. A. Prince G. H. Radenbaugh Otto Rahn D. A. Randolph W. H. Radenbaugh D. J. Reed E. A. Rich L. Rich J. Recec E. W. Reed E. A. Rich L. Rich J. Resce E. R. Robirson J. W. Read P. J. Reed E. A. Rich L. Rich J. Reichards N. C. Richer H. L. Rich J. Resce E. C. Richarde J. R. Robirson J. W. Robirson	For what.	Amou
810	1912.	F M Monn	Galany October 1019	633
811	do ai	F. W. Marquis	do	\$33 15
812	do	O. R. Martin.	do	ii
813	do	M. S. Mason	do	110 50 200
814	do	G. H. Meyer	do	20
315	do	E. B. Millard	do	60 110 250
817	ao	G A Millor	do	25
318	do	H W. Miller	-do	150
319	do	R N. Miller	do	35 125 205 136
320	do	W. S. Miller	do	12
321	do	C. H Mills	do	20
322	do	Brainerd Mitchell, Jr	do	13
201	do	Margaret Mitchell	do	6
225	do	F. W. Monthau	do	9
326	do	H. F. Moore	do	20 11
327	do	A. H. Moore	.do	111
328	do	Ruby Moore	do	120 120
329	do	E. W. Morphy	do	120
30	do	B. C. Morse	do	4 5
331	do	W. E. Mosher	Fellowship, October, 1912	5
232	do	Cortrudo Moulton	palary, October, 1912	25 11
334	uo	C T Nelson	do	10
35	do	W. S. Nelson	-do	10 3
36	do	Allan Nevins.	do	8
37	do	C. R. Newell	do	8
38	do	C. E. Noerenberg	do	14
39	do	W. A. Noyes	do	33
40	do	W. A. Oldfather	do	88 14 33 22 50 20
41	do	H. L. Olin		90
42		A W Owens	do	3
44	do	E B Paine	do	20
45	do	L. G. Painter	do	20 12
46	do	Rosalie M. Parr	do	8
47	do	S. W. Parr	do	8 29
48	do	Adah Patton	do	8 16
49	do	H. G. Paul	do	16
50	do	A. S. Pease	do	208
52	do	Alvah Peterson	do	200 85 60 130 183 130
53	do	G. W. Pickels	do	130
54	do	J. N. Pomerov	do	183
55	do	C. M. Poor	do	130
56	do	F. M. Porter	do	130
57	do	R. S. Potter	do	50
58).	do	Anton Prasil	do	50 10 48
60 .	do	D. A. Prince	Sahalarahin Ostahar 1012	46
61.	do	G H Radanhaugh	Salary October 1912	90
62	do	Otto Rahn	-do	166
63	. do	O. A. Randolph	do	80
34 .	do `	W. H. Rayner	do	29 90 160 80 110 50 150
55 .	do	. W. Read	do	. 50
95.	do	F. J. Rebman		- 80
30	ao	T W Rood	do.	15( 14(
391.	do	E. A. Rich	do	14(
70 ·	.do.	L. Rich	do	40 150 333 291
71	do	C. R. Richards	do	333
72	do]	N. C. Ricker	do	291
/3 .	do ]	H. L. Rietz	do	150
(4).	ao	W. S. Robertson	do	166
76	uo	W Polio	do	200
77	.do.	S. A. Rowland	.do	عاد∠ An
78	.doi	H. O. Rugg	do	291 150 166 250 250 60 120
79 .	.do(	Geo. Rutledge	do	60
30	do]	J. R. Sarett	do	80
31 .	.do	r. E. Savage	do	80 166 83
32 .	do9	Olive F. Saxton	do	83
83 .	do §	5. H. Scheriee		30
54 .	op 1	T. C. Schmidt		30 291 30
36		Jarance Scholl	do	10
٠Щ٠	7	W. S. Schultz	_do	166 158
371				

0	Date.	To whom.	For what.	Amou
	1912. Oct. 31	F. W. Scott. D. L. Scroggin G. W. Sears. F. B. Seeley. R. S. Seese. N. C. Seidenberg A. R. Seymour J. B. Shaw Queen L. Shepherd S. P. Sherman G. A. Shook C. W. Siebert Siebelt L. Simmering Frances Simpson G. E. Simpson		
889	Oct. 31	F. W. Scott	Salary, October, 1912	\$18
890	do	D. L. Scroggin		12
803 981	ao	F B Soolov	do	12 6 14
893	do	R. S. Seese	Scholarship, October, 1912	2
894	do	N. C. Seidenberg	Salary, October, 1912	16 16 18
895	do	A. R. Seymour	do	16
896	do	J. B. Shaw.	do	18
897	do	Queen L. Shepherd	do	8 26 10
898	do	S. P. Sherman	do	26
899	do	G. A. Shook	do	10
900	do	C. W. Slebert	Tall-makin Oatakan 1010	10 13 16 16 15 12 6
303	uo	Erongog Cimpson	Salary October 1012	16
202	do	G F Simpson	do 1912	1 10
204	do	G H Sisam	do	15
905	do	W. A. Slater	do	12
906	do	Adelle C. Smith	do	6
907	do	Constance B. Smith	do	16 13 20 12
908	do	G. M. Smith	do	13
909	do	Frank Smith	do	20
910	do	J. E. Smith	do	12
111	do	G. A. Shook C. W. Siebert Siebelt L. Simmering Frances Simpson G. E. Simpson G. E. Simpson G. H. Sisam W. A. Slater Adelle C. Smith Constance B. Smith G. M. Smith Frank Smith J. E. Smith O. H. Smith J. E. Smith O. H. Smoth J. E. Smith O. H. Smoth J. M. Snodgrass C. M. Snow O. O. Stanley Joel Stebbins Sabra Stevens R. K. Steward C. L. Steward C. L. Stewart H. H. Stoek J. W. Stokes E. B. Stouffer E. K. Strachan Lillian Strong W. G. Stromquist R. T. Stull Horace Stunkard Emerson Sutcliff A. H. Sutherland Margaret Taggart A. N. Talbott F. W. Tanner Scott Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. Thompson J. J. Todd E. J. Townsend Edna A. Treat H. D. Valentine H. J. Van Cleave H. J. V	do	9 17 15 7
112	00	J. M. Snougrass		17
014	ao	O O Stoploy	do	15
015	uo	Гоеl Stabbins	do	10
916	do	Sahra Stavans	do	10 5 13
917	. do	R. K. Steward	do	13
918	do	C. L. Stewart	do	5
919	do	H. H. Stoek	do	13 5 33 5 ·13 5 10 20
920	do	J. W. Stokes	Fellowship, October, 1912	5
921	do	E.B. Stouffer	Salary, October, 1912	13
922	do	E. K. Strachan	do	5
923	do	Lillian Strong	do	1 5
924	do	W. G. Stromquist	00	100
002	do	Honor Stumbond	do	40
020	do	Emercon Suteliff	do	8
928	do	A H Sutherland	do	8 15
929	do	Margaret Taggart	do	3
930	do	A. N. Talbott	do	33
931	do	F. W. Tanner	do	6
932	do	Scott Taylor	do	1
933	do	W. H. Taylor	do	6
934	do	H. R. Thomas	Fellowship, October, 1912	33 33 6 1 6 5
935	qo	C. M. Tnompson	Salary, October, 1912	4
127	00	J. G. Thompson	do	16
338	do	Lambert Thorn	do	16 10 10
339	do	A. J. Tieje	do	10
40	do	A. J. Todd	do	<u>ī</u> ŏ
41	do	E. J. Townsend	do.,	33 10 9
42	do	L. L. Townsend	do	10
43	do	Edna A. Treat	do	9
44	do	H. D. Valentine	do	1 6 18 3
45	do	H. J. Van Cleave	do	1 6
46	op	H. J. Van Den Berg	ao	18
147	uo	T. N. Vaddar	do	11
140	uo	C. G. Varnier	do	11 29 16
501	do.	E. H. Waldo	ld0	. 16
51	do	Lee Wallace.	do	12
$ \tilde{52} $	do	H. B. Ward	do	33
953	do	E. H. Warner	do	5
954	do	A. R. Warnock	do	12
55	do	E. W. Washburn	do	1.18
56	do	F. R. Watson.	do	20
57	do	H. G. P. Webber	do	16 12 33 5 12 18 20 15 20
558	do	N. A. Wells		20
259	qo	N. A. Weston	ao	10
76U 161	do	Mary M. Wetmore	do	22 12 33
260 10T	00	J. M. Whitten	do	33
202 262	uo	E A Wildmen	do	3
364	do	C. C. Wiley	do	6 3 15
965	do	C. A. Williams	-do	12
000	do	E. H. Williams	do	12
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0.	Date.	To whom.	For what.	Amou
	1912.	F. G. Willson. P. L. Windsor R. M. Winger J. W. Wohlenberg P. S. Woodward I. M. Wormser Ola M. Wyeth T. D. Hensen Jacob Zeitlin Chas. Zeleny H. F. Zoller J. E. Ackert F. H. Adler Josephine E. Burns Margaret B. Cobb Edna L. Forrey D. L. Geyer J. W. Good E. O. Heuse E. A. T. Kircher P. A. Lehenbauer H. H. McGregor L. C. Mathewson L. F. Nickell A. W. Orcutt A. F. Peine C. F. C. Riley Clarrissa Rinaker J. E. Achert Irma E. Voight P. S. Welch G. Y. Williams Alice Biester R. W. Brown F. E. Clark Lesse I. Conel		
5968	Oct. 31	F. G. Willson	Salary, October, 1912	\$160
5969	do	P. L. Windsor	do	250 120
5970	do	R. M. Winger	do	120
971	do	J. W. Wohlenberg	Fellowship, October, 1912	50 35 183
972	do	P. S. Woodward	Salary, October, 1912	35
973	do	I. M. Wormser	do	183
974	do	Ola M. Wyeth	do	75 100
975	do	T. D. Hensen	do	100
976	do	Jacob Zeitlin	do	125 208 30
977	ao	Chas. Zeleny	do	200
978	ao	H. F. Zoller	Tallawahin Ontohan 1010	31
978	do	J. E. Ackert	Fellowship, October, 1912	3
980	qo	F. H. Adler		3
881	qo	Josephine E. Burns		30
982	ao	Margaret B. Cobb		3
983	ao	Edna L. Forrey	do	, 35
984	ao	D. L. Geyer	do	35 40
985	ao	J. W. Good	do	41
986	ao	E. O. Heuse	do	3
987	do	E. A. T. Kircher	do	30 30
988	do	r. A. Lenenbauer	do	30
989	do	H. H. мcGregor	do	. 3
990	do	L. C. Mathewson	ao	3
991	do	L. F. Nickell	ao	4
992	do	A. W. Orcutt	do	3
993	do	A. F. Peine	do	3: 3: 3: 3: 3:
994	do	C. F. C. Riley	ao	] 3
995	do	Ciarrissa Kinaker	do	3
996	do	J. E. Achert	Fellowship, November, 1912	3
997	do	Irma E. Voight	Fellowship, October, 1912	3
989	do	P. S. Welch	do	3
999	do	G. Y. Williams	do	3
000	do	Alice Biester	Scholarship, October, 1912	3 3 2 2
001	do	R. W. Brown	do	2
002	do	F. E. Clark	. do	2- 2- 2- 2-
003	do	Jesse L. Conel	do	2
004	do	S. H. Cox		2
005	do	E. S. Dewell	do	2
006	do	D. T. Englis	do	2
007	do	Ola M. J. Eskelson	. do	2 2 2 2 2
008	do	S. E. Fauquher	do	2
009	do	S. B. Fracker	[do	2
010	do	B. F. Goodman	do	2
011	do	Ruby M. Grimes	do	2
012	do	Sappho C. Graham	do	23
013	do	J. S. Gutsell	do	2: 2:
014	do	Mary A. Haan	do	2
012	ao	нотег нап	do	2
016	do	A. C. Hantord	do	2
017	do	W m. Hill	do	23
018	do	С. Е. Ноцеу	~do	2
DT 2	ao	Neille M. Horner	ao	2
J20	qo	J. W. Howard	ao	2
021	do	P. W. IV6Y	ao	2
J22	do	Gretchen Lutz	ao	2
U23	ao	Janet M. MacDonaid	ao	2
J24	qo	J. E. MIHOT	ao	2
125	qo	L D N-45		26
120		J. D. Naulanson	do	3
727	ao	P. U. NOFDUFY	uo	36
JZ8	op	Cornelia D. Casarell	1u0	2 2
129	qo	Cornelle R. Seawell	ao	2
100	ao	mary M. Spangier	uo	25
กจา	ao	E. R. SPENCET		25
032	ao	W. A. SWenson	ao	20
033	qo	Margaret Washington	uo	25 25
034	ao	margaret wasnington	ao	20
000		I T Defler	Wages October 1010	28 28
บอยู่	qo	J. E. Dalley	Wages, October, 1912	20
U3/	ao	Lina Alexander	Cantomber 1019	77
020	اما	THE Allow	September, 1912	70
038	ao	J. E. Achert. Irma E. Voight P. S. Welch G. Y. Williams Alica Biester R. W. Brown F. E. Clark Jesse L. Conel S. H. Cox E. S. Dewell D. T. Englis Ola M. J. Eskelson S. E. Fauquher S. B. Fracker B. F. Goodman Ruby M. Grimes Sappho C. Graham J. S. Gutsell Mary A. Haan Homer Hall A. C. Hanford Wm. Hill C. E. Holley Nellie M. Horner J. W. Howard P. W. Ivey Gretchen Lutz Janet M. MacDonald J. E. Miller Edna Mosher J. B. Nathanson F. C. Norbury R. H. Nottelman Cornelle R. Saawell Mary M. Spangler E. R. Spencer W. A. Swenson Lily B. Voegelein Margaret Washington P. O. Wright J. E. Miller E. R. Spencer W. A. Swenson Lily B. Voegelein Margaret Washington P. O. Wright J. E. Alley Winifred L. Amos Ethel Ash. C. E. Atkinson Mary L. Blackwell	parary, October, 1912	80
กรล	qo	Winiired L. Amos	ao	70 85 65 60
U4U	ao	Ether Ash		141
U41	do	U. E. Atkinson	ao	141
U42	ao	Mary L. BlackWell	qo	50 125
U43	qo	winiired L. Amos Ethel Ash. C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown	ao	125
U441	ao	Tabuna J. Broadnurst	qo	75 60
ا - د o				

).: 	Date.	Sarah E. Bryan. Flora M. Case. Illah B. Chandler Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton L. C. Demlow Eddith Emigh Frances Feind R. I Fieg Viola Frazer Antoinette Goetz Elizabeth Good Mable L. Griffith Carman Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Josephine A. Just Gertrude Keech J. H. Kelley Na Kelley Na Kelley Na Kelley Na Kelley A. R. Lee Louise A. Lietz Stella Lumd C. M. McConn Agnes McGurty A. H. McLean Jane McMullen L. Mae Manspeaker Maude E. Meneley Rudolph Meseck C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphy H. D. Oberdorfer Elizabeth Pfeffer F. W. Post Alice Johnson Nellie M. Robertson Rose E. Ryan Mary Scanlon Anna L. Shepard T. J. Showers Sara M. Slater Bertram Smith L. M. Smith J. Sider Bertram Smith L. M. Smith J. Sider J. J. Smith J. Sider J. J. Smith J. Sider J. J. Smith J. J. J. Smith J. J. J. Smith J. J. Smith J. J. J. Smith J. J. J. Smith J. J. J. J. J. J. J.	For what.	Amou
	1912.			
046	Oct. 31	Sarah E. Bryan	Salary, October, 1912	\$ 65 55
047	do	Flora M. Case	do	55
048	do	Illah B. Chandler	do	50
049	do	Miles Clements	do	50 50 45 60 150 45 45
וַטַיַינ	do	C. C. Crawtord	do	60
)51	do	H. E. Cunningnam	do	150
Joz	ao	C. E. Daiton	do	45
103	go	L. C. Demiow		45
154	do	Edith Emign	00	65
100		D T Tion		75 50 55 65 40 60 55 35 120
150	do	Viola Frager	do	50
101		Antoinatta Coota	do	00
100	uo	Fligsboth Cood	do	100
199	do	Mahla T. Criffith	00	1 40
100		Cormon Tomosk		00
OCT	do	Tire Hert	do	90
102	do	C H Howard		100
100		V. H. Havens	00	120
104		Mysetle E Treeten	00	100
100	uo	Togic P. Heater	do	55
100	uo	JUSIC D. ELOUCHCHS	do	1 78
101		A. D. Hull	do	56 66 50 48 54
100		Maria Tostan	do	50
109	op	Contrado Tobraco	do	45
140	oo	T. T. Tohnson	do	95
	do	J. J. JOHHSON	ao	4
172	ao	Contrado Foodb	do	25 30 166 41
113		T TT Tallan	00	100
1/4		None Timmer		100
170		Nora Kirwaii	00	4.
20	do	Aurena Knapp		06
220		A D T a		46
178	ao	A. R. Lee		65 46 91 35
1/9		Ctalle T 3	do	9
180	do	C M McC		55 233 83 80 40 83
IST	qo	C. M. McConn	do	23
182	ao	Agnes McGurty		80
183	ao	A. H. McLean	do	80
184	qo	Jane McMullen	do	40
185	ao	L. Mae Manspeaker		86
100		Dadalah Massala	00	90
100		C T Miles	00	77
000		Tlord Money	00	16
POOL		Lioyd Morey		100
190		M. M. Morrow		110
191		T. D. Oboudouton	00	120
พอ		Fligsboth C Pool	do	700
104		Thomas Pool	u0	5
105	uo	Fligsboth Dfoffor	do	50
06		F W Post	do	7
07	uo	Aliga Tohnson	Solory November 1012	7 70
000	uo	Nallia M Dobortson	Solory October 1012	57
00	do	Rose E. Ryan	do	50
00	do	Mary Scanlon	do	80
01	do	Anna I. Shanard	do	01
02	do	T I Showers	do	65 77 88 166 110 167 76 55 50 60 60 102 100 100 100 157
03	do	Sara M. Slater	do	55
ñ4	do	Bertram Smith	do	70
ñ.	do	I. M. Smith	do	108
ñăl	do	Jessie A. Smith	do	100
071	. do.	Mayme L. Smith	ldo	6
ňġl	do	O. E. Staples	do	150
õõ	do.	Alfred Steitz	do	7!
10	do	E. T. Strong	do	9
īĭ	do.	M. E. Thompson	do	8.5
12	do	Mary Torrance	do	57
13	. do.	L. J. Towne	_do	95 85 55 150 91 45 85
14	do.	G. P. Tuttle	do	91
15	. do.	Josephine Tyrrell	do	4
16	do	Lida E. Voight	do	8.9
17	do	B. L. Winchester	do	45
18	do	H T Wyninger	do	55
10	do	D. O. Barto	do	166
20	do	I. C. Blair	do	416
21	do	g T Rola	do	166 416 133 166 41
21	do	R R Brand	do	100
44		W T Commished	do	/1
991				

0.	Date.	W. C. Coffey. C. S. Crandall W. T. Crandall John Detlefsen Wm. Dietrich H. B. Dorner C. E. Durst J. L. Edmonds W. J. Fraser J. J. Gardner L. D. Hall W. F. Handschin N. W. Hepburn R. S. Hulce L. R. Lang J. W. Lloyd H. W. Mumford A. B. Nehrling H. N. Parker V. A. Place R. R. Root H. P. Rusk W. H. Smith W. F. Wells J. R. Wells J. W. Stewart A. L. Whiting C. C. Logan L. L. Seller A. W. Nolan Maud Parsons Charlotte Gibbs Nellie E. Goldthwaite Cora E. Gray O. A. Keller A. W. Nolan Maud Parsons Helena M. Pincomb F. H. Rankin Harriet Rinaker F. M. Simpson Grace Stevens J. V. Stevenson Ruth Wheeler Orr Alm W. L. Gaines F. A. Pearson H. A. Reuhe J. R. Welks J. P. Watkers J. P. W. Garrett	For what.	Amou
	1912.			
125	Oct. 31	W. C. Coffey	Salary, October, 1912.	\$225 <b>291</b>
26	do	C. S. Crandall	do	291
27	do	W. T. Crandall	do	133
128	do	John Detlefsen	do	166 200 200 125
29	do	Wm. Dietrich	do	200
130	do	H. B. Dorner	do	200
l31	do	C. E. Durst	do	125
132	do	J. L. Edmonds	do	166 291 100 225
133	do	W. J. Fraser	do	291
134	do	J. J. Gardner	do	[ 100
135	do	L. D. Hall	do	225
136	do	W F. Handschin	do	150
l37	do	N. W. Hepburn	do	150 175 100
138	do	R.S. Hulce	do	100
139	do	L. R. Lang	do	133
140	do	J. W. Lloyd	do	266
141	do	H. W. Mumford	do	416
142	do	A. B. Nehrling	do	125
143	do	H. N. Parker	do	266 416 125 200
144	do	V. A. Place	do	88
145	do	R. R. Root	do	200 85 166 175 108 125 70
146	do	H. P. Rusk	do	178
147	do	W. H. Smith	do	108
148	do	W. F. Wells	do	128
149	do	J. R. Wells	do	70
150	do	F. C. Bauer	do	12
L51	do	W. L. Burlison	do	100
152	do	E. Davenport	do	500
L53	do	I. W. Dickerson	do	150
L54	do	K. J. T. Ekblaw	do	150
155	do	O. S. Fisher	do	12: 100 500 150 150 160 150
156	do	A. F. Gustafson	\do	150
157	do	Leonard Hegnauer	do	250
158	do	C. G. Hopkins	do	120 200
159	do	M. E. Jahr	do	120
160	do	D. McIntosh	do	20
161	do	J. G. Mosier	do	26
162	do	J. H. Pettit	do	250
163	do	C. O. Reed	do	250 120
164	do	L. H. Smith	do	25
165	do	H. W. Stewart	do	250 150 120 150
166	do	A. L. Whiting	do	12
167	do	C. C. Logan	. do	150
168	do	Isabel Bevier	do	25
169	do	Thomas Bregger	do	100 120 83 121
170	do	Nina B. Crigler	do	120
171	do	Augusta D. Evans	do	8
172	do	Charlotte Gibbs	do	12
173	do	Nellie E. Goldthwaite	do	16
174	do	Cora E. Gray	do	110
175	do	O. A. Keller	[do	8
176	do	A. W. Nolan	do	12 16 11 8 20 10 13 25
177	do	Maud Parsons	do	10
178	do	Heiena M. Pincomb	ao	13
179	do	F. H. Rankin	[do	25
180	do	Harriet Rinaker	do	12: 10: 9:
181	do	F. M. Simpson	do	10
182	do	Grace Stevens	ao	9
183	do	J. v. Stevenson	ao	4
184	do	Kutn Wheeler	ao	13
185	do	Orr Allyn.	do	7
186	ao	W. B. Gernert.	. go	133 70 12 15
187	ao	J. B. Park	.[go,	15
188	do	W. L. Gaines.	do	15
188	Jao	F. A. Pearson	do	7.
190	do	H. A. Reune		111
191	do	Jas. Hutchinson	. do	10
192	do	r. w. Muncie	. ao	15 77 11 10 8 8 8
193	do	G. L. Peltier	. do	1 8
194	do	L. E. Foglesong	. ao	10
195	do	A. J. Gunderson	. do	8 25
196	do	B. S. Pickett	. ao	25
197	do	W. A. Ruth.	.  . do	12 15
198	do	O.S. Watkins	. ao	150
199	do	J. P. Aumer	. do	150
200	do	L. F. Binding	. do	70
.OA1	1do	R. W. Dickenson	. do	70
1201				
3202	do	F. A. Fisher	. do	88

٧o.	Date.	To whom.	For what.	Amou
0004	1912.	S. V. Holt E. E. Hoskins. Oran Keller W. R. Leighty Gertrude Niederman J. E. Readhimer W. H. Sachs. E. Van Alstine F. M. W. Wascher R. C. Wheeler C. O. Wheeler C. N. Wheelock John Woodard J. E. Whitchurch H. H. Mitchell J. J. Yoke. Florence E. Smith Bessie R. Packard Leonora Perry B. E. Powell Ethel Berlin A. R. Bradner F. N. Murray Harold Bolander Louis Rosett G. F. Paulsen W. W. Peters M. L. Apgar C. S. Ross W. G. Hixon T. G. Henderson C. Y. Freeman W. H. Graybeal Sell Hamlin Samuel Hanson Edward Hargan Frank Fogarty	G 1 0 4 1 1010	2450
6204	Oct. 31	S. V. Holt	Salary, October, 1912	\$150 150 70 100
6200 6206	do	Oran Kallar	do	100
6207	do	W. R. Leighty	do	100
6208	do	Gertrude Niederman	do	100
3209	do	J. E. Readhimer	do	200
3210	do	W. H. Sachs	do	100 100 200 125 150
3211	do	E. Van Alstine	do	150
3213	_do	R. C. Wheeler	do	83 150 70 70
3214	do	C. N. Wheelock	do	70
3215	do	John Woodard	do	70
216	do	J. E. Whitchurch	do	150
217	do	H. H. Mitchell	]do	150 125 83 65
3210	do	Florence E. Smith	do	65 65
3220	do	Bessie R. Packard	do	75
221	do	Leonora Perry	do	75 79
3222	do	B. E. Powell	do	191 27
3223	do	Ethel Berlin	Wages, October, 1912	27
3224	do	A. R. Bradner	do	11 10
3220	uo	Harold Rolander	do	10
227	do	Louis Rosett	do	14 34 27 20 20
228	do	G. F. Paulsen	do	27
229	do	W. W.Peters.	do	20
230	do	M. L. Apgar	do	20
231	do	C. S. Ross	do	12
232	do	W. G. Hixon	do	49 107
3234	do	C V Freeman	do	55
3235	do	W. H. Gravbeal	-do	60
3236	do	Sell Hamlin	do	60 50
237	do	Samuel Hanson	do	61 59 52 54
238	do	Edward Hargan	do	59
239	do	Samuel Hanson Edward Hargan Frank Fogarty Wm. Fogarty J. J. Fiscus C. E. Follansbee Thomas Fay Frank Cunningham Joseph Davis E. P. Dibble D. M. Bullock Thomas Butler John Ceduskey George Boyer Basil Brown. Harry Brown	do	52
1240 1241	do	T T Figure	do	5.
242	_do	C. E. Follansbee	do	49
3243	do	Thomas Fay.	do	90
3244	do	Frank Cunningham	do	106
3245	do	Joseph Davis	do	106 68 57 56
240	do	D M Bullook	do	56
3248	do	Thomas Butler	do	60
249	do	John Ceduskey	do	54 66
250	do	George Boyer	do	66
251	do	Basil Brown	do	67
252	00	Harry Brown	do	55
254	do	C E Arrington	do	29 58
255	do	W. M. Atwell	do	62
256	do	R. W. Baldwin	do	44
257	do	Basil Brown.  Harry Brown  John Begley. C. E. Arrington. W. M. Atwell. R. W. Baldwin G. E. Quick. E. A. Schwing A. H. Stevens. P. T. Walters. R. R. Greenman D. R. Hull Hubert Jessen	do	62 44 19
258	do	E. A. Schwing.		19
209	00	A. H. Stevens	do	
261	do	R. R. Greenman	_do	19 19 18
$\tilde{2}\tilde{6}\tilde{2}$	do	D. R. Hull	do	18
263	do	Hubert Jessen	do	10
264	do	Ora McGhee.	do	16
265	do	Natnan Meltz		1 12
200	do	LIOVO UVIET	do	18 18
268	do	J. K. Primm	do	14
269	do	C. R. Dietmeir	do	14 15
270	do	E. Fontaine	do	15 31
271	do	Earle Rugg	do	31
272	do	F. U. Hare		36 23
2/3	oo	Richard	do	16
275	do	F. R. Miller	_do	20
276	do	G. F. Sutherland.	do	20
3277	do	C. E. Myers	do	20 23 12
3278	do	C. M. Hobart.	do	12
279	do	N. K. Greenman D. R. Hull Hubert Jessen Ora McGhee. Nathan Meltz Lloyd Oyler. O. Schinnerer J. K. Primm C. R. Dietmeir E. Fontaine. Barle Rugg F. C. Hare Royal Ritchey Eleanor Hubbard F. R. Miller G. F. Sutherland C. E. Myers C. M. Hobart F. S. Stroheker J. G. Eppinger W. E. Britton Lucile Cravens	do	22 16
1280	00	J. G. Eppinger		16
201	do	Taroila Crayane	do	25 22
		LIDCHE CHAVERS	1	

No.	Date.	To whom.	For what.	Amou
	1912.			
6283	Oct. 131	Vera Snook	Wages, October, 1912	\$ 13
6284	do	Olive Paine	do	20
6285	do	U. G. Stearns	do	10
6287	do	Rortho Roundotto	do	11 11
6288	do	W. A. Shewhart	do	10
6289	do	L. A. Boettiger	do	10 60 47
6290	do	Earl Meenach	do	60
6291	do	T. P. Crawford.	do	47
6292	do	Harley Foor	do	50
6293	do	Wm. Hough	do	83 55
6294	do	H. B. Ingalis	do	55
6290	do	Elmer Jenkins	do	55
6207		IC C Tetmen	J	50 112 27 27 27 17 68 26
6298	do	Horold Diel	do	27
6299	do	R. L. Hegnaner	do	27
6300	do	E. H. Walworth	do	1 17
6301	do	D. Vauble.	do	68
6302	do	H. J. Snider	do	26
6303	do	Lucy M. Barto	do	20
6304	do	Koy Horning.	do	32
6202	on	Theodore Dester		26
6307		F M Barratt	uo	20 23 33
6308	do	Leonard Dunlan	do	23
6309	do	Vera Snook Olive Paine C. G. Stearns Julius Goebel, Jr Bertha Bourdette W. A. Shewhart L. A. Boettiger Earl Meenach T. P. Crawford Harley Foor Wm. Hough H. B. Ingalls Elmer Jenkins Jas. Brown C. C. Totman Harold Dial R. L. Hegnauer E. H. Walworth D. Vauble H. J. Snider Lucy M. Barto Roy Horning K. A. McCaskill Theodore Rector F. M. Barrett Leonard Dunlap Alfred Raut Edgar Herman Florence Stoutzenberg Lawrence Engle Stanley Wilkins S. E. Ore Wm. Kelley Alice V. Hamilton I. F. Burdick M. J. Conley E. C. Terhune H. Simer J. A. Sackrison W. L. Harry A. L. Stonebune U. L. Grafner U. L. L. L. Grafner U. L. L. Grafner	do	22
6310	do	Edgar Hermann	-do	46 25 22
6311	do	Florence Stoutzenberg	_do	25
6312	do	Lawrence Engle.	do	22
6313	do	Stanley Wilkins	do	40
6314	do	S. E. Ore	do	76 47 75 35
6315	do	Wm. Kelley	do	47
6316	do	Alice V. Hamilton	do	75
6317	do	1. F. Burdick	do	35
6210	do	M. J. Conley		75 42
6330		E. C. Ternune		45
6321	do	T W Homel	do	10
6322	do	C. H. Rehling	do	28
6323	do	Arthur Semple	_do	22
6324	do	J. O. Fletcher	do	12 28 22 12 17 83
6325	do	J. A. Sackrison	do	17
6326	do	W. L. Harry	do	83
6327	do	A. L. Stonebruner	do	45
6328	do	L. Utterback	do	50
6220	do	Chaster Turner		50 45
6331	do	J. E. Thomas	do	45
6332	do	J. L. Gardner	do	45 80 40
6333	do	Victor Thomas	do	40
6334	do	R. C. Glover.	do	40
6335	do	Ethel Clark	do	40
6336	do	Andrew Tornquist	do	75 65
6337	do	H. H. Wheeler	do	65
6220	do	M. D. KOSO		52 10 40
0009	00	Margaret C Foss		1 10
6341	do	W I Engle	do	65
6342	do	Rob Cook	do	1 47
6343	do	Jesse Cook	do	47 47 50
6344	do	Roy Argo	do	50
6345	do	Olive G. Reid	do	50
6346	do	J. C. Fiscus	do	74
6347	do	Frank Crathorne	do	75
6348	do	R. K. Turner	. do	15
6250	qo	E. W. Zeppenield		12
6251		Cao Smallay	do	39
6250	do	H M Milligan	do	36
6352	do	Alpha Tonquist	do	95
6354	da	L. A. Hunter	do	77
6355	do	W. T. Craig	d0	8
6356	do	W. L. Bennett	do	.] 60
6357	do	Will Patterson	do	4
6358	do	W. W. Williams Chester Turner J. E. Thomas J. L. Gardner Victor Thomas R. C. Glover Ethel Clark Andrew Tornquist. H. H. Wheeler M. D. Rose Winifred McIntosh Margaret C. Foss W. J. Engle Rob Cook Jesse Cook Roy Argo Olive G. Reid J. C. Fiscus Frank Crathorne E. W. Zeppenfeld F. E. Sandal Geo. Smalley H. M. Millizen Alpha Tonquist L. A. Hunter W. T. Craig W. L. Bennett Will Patterson G. W. Beardsley H. K. Baltzer John Balcom Loretta White	do	25 70 82 60 45
6359	do	H. K.Baltzer	do	55
0300	վdo	John Balcom	ao	5!
	1 00	Lorenta white		. 60

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

ío.	Date.	To whom.	For what.	Amou
	1912.	_		
3362	Oct. 31	Lillian Smith Ethel Sharp Etta Perry Ruah Loveless Anna Crathorne Earl Genver	Wages, October, 1912	\$ 50 38 60
3363	do	Ethel Sharp	do	38
364	do	Etta Perry	do	60
365	do	Ruah Loveless	do	50 50 68 58 68
366	do	Anna Crathorne	do	50
3367	do	Earl Garver	do	68
3368	do	R. C. Kastler	do	55
369	do	A. F. Kreuger	do	6
370	ao	Cornellus Stocker	do	75 50 70
1760	do	A. Ten Broeck	do	1 50
372		W. W. Yapp	do	70
0070		A. W. FISCHET		83   115   60   73   50   70   19
2275	do	H. E. Crouch	00	1 116
1010	do	Tamer Timona		1 70
2277	do	Maria A Conden		16
270	uo	P T Powling	do	30
270	uo	T F Volont	do	1
350	uo	W S Goodspood	do	25
321	do	T. D. Lohr	do	96
389	do	I. Burt Hovs	do	25 68 30
383	do	T. W Dickmann	do	30
384	do	L. Donohue	do	50
385	do	R. Pritchard	do	5
386	do	Etta Ferry Ruah Loveless Anna Crathorne Earl Garver R. C. Kastler A. F. Kreuger Cornelius Stocker A. Ten Broeck W. W. Yapp A. W. Fischer H. E. Crouch E. M. Clark Harry Higgens Marie A. Gordon B. L. Bowling J. F. Kohout W. S. Goodspeed L. D. Lahr J. Burt Hays T. W. Dickmann L. Donohue R. Pritchard G. Donohue H. Pritchard Hazel Thodes W. R. Hall Jas. Boswell Pearl Cunningham Louise Frizell Rose Hegenbart J. S. Clark F. H. Coyler G. W. Porter M. L. Nebel Wesley Hoffman C. H. Haven F. F. Franklin Louise Lender Howard Downing John Brannagan W. M. Birdzell Edw Berbenn	do	55 45 65
387	do	H. Pritchard	do	8
388	do.	Hazel Thodes	do	55
389	do	W R Hall	do	39
390	oh	Jas. Boswell	do	37 37 36
391	do	Pearl Cunningham	do	36
392	do	Louise Frizell	.do	40
393	do	Rose Hegenbart	do	40 78 68
394	do	J. S. Clark	do	68
395	do	F. H. Covler	do	60
396	do	G. W. Porter	do	60
397	do	M. L. Nebel	do	11 85 33
398	do	Wesley Hoffman	do	88
399	do	C. H. Haven	do	38
400	do	F. F. Franklin	do	54 67
401	do	Louise Lender	do	67
402	do	Howard Downing	do	55
403	do	Howard Downing. John Brannagan. W. M. Birdzell. Edw. Berbaum. J. T. Newsome. J. C. Anderson. Marion B. Gallaher. R. S. Smith. Flora M. Sims.	do	55 77 69
404	do	W. M. Birdzell	do	69
405	do	Edw. Berbaum	do	61 32
406	do	J. T. Newsome	do	32
407	do	J. C. Anderson	do	65 40 45 85 50
408	do	Marion B. Gallaher	do	40
409	do	R. S. Smith	do	48
410	do	Flora M. Sims	do	86
411	ao	C. L. Munroe	[ao	1 50
412	do	John Lankiord	do	50
413	ao	G. W. Hinkley	do	80
414	do	r. w. Gaut		80
410		C. A. Commbell		5( 6(
410	o	Mariol B. Galanter Flora M. Sims. C. L. Murroe. John Lankford G. W. Hinkley F. W. Gault O. I. Ellis C. A. Campbell C. C. Champman Freda O. Stricklan Alice Reed G. E. Miller Mary Millar W. A. McIntire J. H. Kelley Emma L. Custer Ralph Engle Frank Girtis Evalena Bowen Elizabeth Pulling	-do	83
417	uo	C. O. Ollampillan	-do	86
418	uo	Alice Pood	uu	05
410	uo	G F Millor	do	00
42U		Mory Millor	do	65 50 83 65
421	uu	W A McIntira	do	50
492i	uo	I H Kollov	do	50 52
124	do	Emma L. Custar	do	77
495	do	Ralnh Engle	do	20
426	do	Frank Girtis	do	77
497	do	Evalena Rowen	do	55
420	do	Elizabeth Pulling	do	, ac
420	do	Fred Pine	do	52 70 26 77 28 60 75 70
430	do	George Nogle	do	70
431	do	Mahel Halliday	do	
432	ob	Thomas Eddy	do	50
433	do	M. C. Booher	do	66
434	do	V. R. Barnes	do	90
435	do	R. J. Vanderbeck	do	50 66 90
436	do	C. I. Newlin	do	75
437	do	Fred Pine George Nogle Mabel Halliday Thomas Eddy M. C. Booher V. R. Barnes R. J. Vanderbeck C. I. Newlin M. T. Lindsey Marion E. Sparks Carl Sigerson Frank Staler	do	75 33 19
438	do	Marion E. Sparks	do	19
430	do	Carl Sigerson	do	15 70
		Frank Staler		

	Date.	To whom.	For what.
	1912.		
41	Oct. 31	F. E. McClughen N. H.Mahorney Bert Mathews James McCullough A. J. McAlister Thomas Long A. C. Litton N. C. Lowis Fred Langhoff J. A. J. Kliem Walter Jones Margaret Jones P. S. Jeffers John Carman Wm. LeBlanc	Wages, October, 1912
12	do	N. H.Mahorney	do
ED [	do	Tomos MaCullough	do
5	do	A T McAlistor	do
6	do	Thomas Long	do
7	do	A. C. Litton	-do
8	do	N. C. Lowis	do
9	do	Fred Langhoff	do
0	do	J. A. J. Kliem	do
1	do	Walter Jones	- · do
2	do	Margaret Jones	do
5	ao	P. S. Jeffers	do
5 I	do	Wm LoBlone	do
6	uo	Chas Whateraft	do
7	do	L. M. Starn	do
8	do	C. E. Kirk	-do
9	do	C. C. Johnson	do
0	do	F. F. Harper	do
1	do	Ross Hutton	do
2	do	Fred Hoover	do
3	do	P. S. Jeffers John Carman Wm. LeBlanc. Chas. Wheteraft L. M. Stern C. E. Kirk C. C. Johnson F. F. Harper Ross Hutton Fred Hoover Edmund Wharmby Henry Turner Geo. Turner Geo. Turner Geo. Turner George Toy D. C. Sprinkle John Snyder A. C. Servis Mary Ryan H. L. Rennaker B. L. Reed. Wm. Quinn J. F. Purkins Louis Pro Frank Perry Jacob Nikolaus Ruth E. Murphey Elizabeth Muhleman Urlah Moreland Rebecca Morgan Arthur Moran	do
4	do	Henry Turner	do
G	00	George Toy	ao
7	do	D C Sprinkle	do do
اه	uo	John Snyder	do
9	do	A C Sarvis	do
ŏ	do	Mary Ryan	-do
1	do	H. L. Rennaker	do
2	do	B. L. Reed	do
3	do	Wm. Quinn	do
4	do	J. F. Purkins	[do
5	do	Louis Pro	do
9	do	Frank Perry	do
	do	Jacob Nikolaus	do
္ပါ		Fligsboth Muhlemen	do
ก็	do	Tiriah Maraland	do
ĭ	do	Rahacea Morgan	do
2	do	Arthur Moran	_do
3	do	C. M. Miller	do
4	do	Daniel Meneely	do
5	do	O. E. Meenach	do
6	do	J. F. Smith	do
7	do	Andy Pickens	do
ဗျ	do	Sadle Jones	do
9	do	Frank Sanders	do
ĭ	do	Fred Mooney	do
2	do	Frank Middleton	do
3	do	William Leach	.do
4	do	Adolph Langhoff	do
5	do	B. L. Holiorty	do
6	do	Wm. Templin	do
7	do	P. O. Moore	do
8	do	A. M. McBarth	qo
9	do	H. B. Ketzle	00
Ų	do	W. A. KOOKOT	00
	do	Fronk Trying	uo
2	do	Frad Hookar	do
4	do.	Bertha G. States	do
5	do	Wm. Wascher	do
6	do	C. L. Stubla	do
7	do	Louis Obriant	do
8	do	Ruth E. Murphey Ellizabeth Muhleman Uriah Moreland Rebecca Morgan Arthur Moran C. M. Miller Daniel Meneely O. E. Meenach J. F. Smith Andy Pickens Sadie Jones Frank Sanders Joe Mink Fred Mooney Frank Middleton William Leach Adolph Langhoff B. L. Hollorty Wm. Templin P. O. Moore A. M. McBarth H. B. Ketzle W. A. Kooker Guy Fox Frank Irvine Fred Hooker Bertha G. States Wm. Wascher C. L. Stubla Louis Obriant S. T. Wallage Wm Kanghoff E. W. Justus W. C. Wilde I. F. Tillotson W. J. Smith Edward Richards J. R. Newton Jesse Myers M. W. Murphey John Miller B. R. Honovski	do
9	do	Wm_Kanghoff	do
0	do	E. W. Justus	do
1	do	W. C. Wilde	qo
낅	do	I. F. Tillotson	go
3	qo	W. J. SMITH	00
2	o	Edward Kichards	uo
8	do	J. D. MUNIUH	do
낅	do	M W Milrohav	do
6	do	John Miller	do

lo.	Date.	To whom.	For what.	Amou
	1912.	Pete Davis. Jas. Irvine. August Warmbier E. L. Throp. G. H. Reilly. J. E. Morgan L. F. Long. Albon Bevis. A. O. Magnuson C. R. Sinclair A. F. Kelley W. Brown Della Rogers. C. W. Sigerson Kenneth Brown B. L. Ray L. C. Kent F. X. Loeffler R. P. Gage. H. McIntosh. Bert Sterenberg. R. S. Scholl P. A. Nowlen S. A. Porter W. H. Howat F. A. Kirkpatrick Verna A. Manley W. W. Rash B. L. Morehouse Robert Pergande E. E. Craig L. S. Baldwin Clande Harrolle Ralph Chaplin Florence Nyberg G. E. Wright A. Baumgartner Frank Hardy Wesley Wilson J. R. Vandiventer Martin Sandwell C A. Dunseth O. P. Smith Assa Denman		
6520	Oct. 31	Pete Davis	Wages, October, 1912	\$ 74
65991 65991	do	August Wormbior	do	52 46
0022 6593	do	E. T. Thron	do	46 68 78 43 57 167
6524	do	G H Reilly	do	78
6525	do	J. E. Morgan	-do	43
6526	do	L. F. Long	do	57
6527	do	Albon Bevis	do	167
6528	do	A. O. Magnuson	do	80
6529	do	C. R. Sinclair	do	68 29
5530	do	A. F. Kelley	do	20
6550 099T	do	W. Brown	do	12 25 12 23
0002		Della Rogers	00	20
3534	do	Vonnoth Brown	do	92
3535	do	B L Ray	do	27
6536	do	L. C. Kent	do	10
3537	do	F. X. Loeffler	do	10 18
3538	do	R. P. Gage	do	23
3539	do	H. McIntosh	do	16
5540	do	Bert Sterenberg	do	15 10
5541	do	K. S. Scholl	do	10
2542	do	r. A. Nowlen	do	10
5444	do	W H Howet	do	90
3545	do	F A Kirknotrick	do	26 54
3546	do	Verna A. Manlev	do	33
3547	do	W. W. Rash	_do	16 85
3548	do	B. L. Morehouse	do	88
6549	do	Robert Pergande	do/	85 10
3550	do	E. E. Craig	do	10
3551	do	L. S. Baldwin	do	38 40
5552	do	Claude Harrolle	do	40
0003	00	Raiph Chapiin		60 22 94 78
2555	do	C F Wright	do	0/
0000		A Roumgartner	do	79
3557	do	Frank Hardy	do	81
3558	do	Wesley Wilson	do	90
3559	do	J. R. Vandiventer	do	90
3560	do	Martin Sandwell	do	90
3561	do	C A. Dunseth	do	83
3562	do	O. P. Smith	do	81 78
5563	do	Asa Denman		78
2004		Unas. HIII.	00	90
1566	do	W H Clark	do	90 77 87 62 109
567	do	Ethel Manley	do	65
568	do	C. A. Denman	- do	109
569	do	Otto Harrassowitz	Books	345
570	do	W. W. Lindley, Postmaster	Postage	348
571	do	D. M. Sims	Labor on tunnel	74
572	do	B. Barlow	Expenses	14
573	do	H. E. HOWES	wages, October, 1912	18
575	ao	A. A. opnung	Wages October 1012	4
576	uo	W R Atwall	do	15 15 15 33
577	do.	Frances H. McClughen	Laundry work	11
578	do	F. G. Blair	Expenses	11 28
579	do	Joseph Baer & Co	Books.	51 60 60
580	do	C. C. Chapman	Expenses	1
581	do	Leonard Hegnauer	do	{
582	do	Jennie C. Barlow	do	60
583	do	Florence Harrison		60
584	do	J. R. Vandiventer.  Martin Sandwell C A. Dunseth. O. P. Smith. Asa Denman Chas. Hill Fred Fender W. H. Clark. Ethel Manley C. A. Denman Otto Harrassowitz W. W. Lindley, Postmaster D. M. Sims B. Barlow H. E. Howes A. A. Sphung Gertrude Johnson W. B. Atwell Frances H. McClughen F. G. Blair Joseph Baer & Co. C. C. Chapman Leonard Hegnauer Jennie C. Barlow Florence Harrison O. P. Wagner Minnie M. Peterson Helen M. Day Helen M. Day Helen M. Day Helen M. Pincomb F. C. Bauer Ralph Allen J. T. Newsome O. E. Staples, Chief Clerk V. Jobst & Sons. S. O. Andros. H. W. Ludwig Degener		8
586	uo	Halan M Day	do	4
587	do	Helena M. Pincomb	do.	
588	do.	F. C. Bauer	do	27
589	do	Ralph Allen.	do	27
590	do	J. T. Newsome	do	47 400
591	do	O. E. Staples, Chief Clerk	Students' payroll	400
592	do	O. E. Staples, Chief Clerk	Rebates.	236
593	do	O. E. Staples, Chief Clerk	Freight	236 294 98
594	do	O. E. Staples, Chief Clerk	Express.	98
295	do	U. E. Staples, Uniei Ulerk	Boument on contract	47 12,752
980	ao	V. JUDSI & DUIS	Colory October 1019	12, 752 25

0.	Date.	To whom.	For what,	Amoui
=00	1912.	C O Marilan	Campiaga	0 15
เลกก เลกก	Oct. 31	S. U. Taylor	Labor and teaming	\$ 15 193
600 601	Nov 1	H. P. Rusk	Expenses	193
602	do. I	The Salt Lake City Hardware Co	Balances	210
303	do	Gould Storage Battery Co.	Batteries.	58
304	do	Otis Elevator Co.	Elevator	197 2,872 133 2,422
605	do	Link-Belt Co	Testing apparatus	2,872
306	do	Gregory Electric Co	Motors	133
307	do	General Electric Co	Electric apparatus	2,422
808	do	H. W. Mumford	Expenses	10
610	do	C. P. Hindort	Hardware etc	52
611 010	do	Frederic Cronofield	Printing	69 38
819	do	The Letter Shop	Mimeographing	15
613	do	O. E. Staples, Chief Clerk	Express bills paid	50
614	do	O. E. Staples, Chief Clerk	Sundry bills paid	50 232
$6\overline{15}$	ldo	Rosa-Lee Gaut	Instruction	35
616	do	T. D. Yensen	Expenses	500 37
617	do	T. J. Burrill	Honorarium	500
618	do	D. N. Stevenson.	Expenses	37
619	do	H. P. Rusk	do	15
620	do	H. C. Wheeler	do	94 20
521	do	F. L. Hale.	Field expenses	20
522	do	G. M. Hinkley	Expenses	112 20
523	Nov. 2	Wilnelm Hirshkind	Balance, Salary, October, 1912	20
524	do	H. K. Duell	Butter	60
220	do	Schaefer & Dolan	Premium	60
020 207	qo	Educational Publishing Co	Crayon	14
021 890		T. T. Fdmunds	do	1 10
620	1do	G M Layman	Poultry	18 20
320	do	I. W. Bensyl	do	32
331	do	S. C. Taylor P. Adams H. P. Rusk The Salt Lake City Hardware Co. Gould Storage Battery Co. Otis Elevator Co Link-Belt Co Gregory Electric Co. General Electric Co. General Electric Co. H. W. Mumford The Garden City Sand Co. G. P. Hindert. Frederic Cranefield The Letter Shop O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk Nosa-Lee Gaut T. D. Yensen T. J. Burrill D. N. Stevenson H. P. Rusk H. C. Wheeler F. L. Hale G. M. Hinkley Wilhelm Hirshkind H. K. Duell Schaefer & Dolan Educational Publishing Co H. W. Mumford J. L. Edmunds G. M. Layman J. W. Bensyl F. W. Wilson Chicago Retort & Fire Brick Co. A. F. Kreuger Chas. Gilkerson A. Ten Broeck Keuffel & Esser Co. W. A. Ruth Henry Matern H. H. Stoek Juanita E. Darrah Gentz & Voight A. W. Stoolman W. N. Rudd E. S. Good J. J. Gardner B. S. Pickett The Carl Bajohr L. C. Co E. B. Walton G. F. Kiendre B. S. Pickett The Carl Bajohr L. C. Co E. B. Walton G. F. Kiendre B. S. Pickett A. J. Gunderson August Geweke S. V. Holt American Steel & Wire Co Edward Bartow C. G. Richards O. S. Staples, Chief Clerk O. E. Staples,	Wages, September and October 1912.	60
332	do	Chicago Retort & Fire Brick Co	1912. Brick Expenses .do .do .do Drawing tables Field expenses Sow	24 19 12 5 220
งออ เรา	do	Chos Gillroson	do	19
625	do	A Tan Brook	do	12
636	do	Kenffel & Esser Co	Drawing tables	220
637	do	W. A. Ruth	Field expenses	61
638	do	Henry Matern	Sow.	61 61 7
639	do	H. H. Stoek	Expenses	7
640	do	Juanita E. Darrah	Salary, October, 1912.	10
641	do	Gentz & Voight	Mower and gate	46
642	do	A. W. Stoolman	Payment on contract	2, 125 14
543	Nov. 4	W. N. Rudd	Expenses	14
544	do	E. S. Good	Sow Expenses Salary, October, 1912 Mower and gate. Payment on contract Expensesdododo	34
040	ao	J. J. Gardner	00	13 26 257
247		Who Corl Poichr T. C. Co.	Conductors	20
347 340	do	F B Welton	Field expenses	207
340	do	H C Agustus	Rental	100
350	do	C. R. Richards	Expenses	14 100 12 59
351	do	O. S. Watkins	do	59
$5\overline{52}$	do	B. S. Pickett	. do	26
353	do	A. J. Gunderson	do	26 28
354	do	August Geweke	do do Fencing Expenses	8
355	do	S. V. Holt	do	96
356	do	American Steel & Wire Co	Fencing	8 96 246 54
557	do	Edward Bartow	Expenses	54
558	do	C. G. Hopkins.	Expensesdo Sundry bills paid Lecture Students' payroll Freight Men's payroll Express Oats	
559	NOV. 5	U. F. Miller	T coture	10 25 535 348
560	do	Frank Stockdale	Lecture	25
200 T00	do	O. E. Staples, Chief Clerk	Eroicht payron	535
202		O. E. Staples, Chief Clerk	Monda normall	348
600 1000	do	O. E. Staples, Chief Clerk	Evares	225 103
365	do	Tohn Raichard	Oats	796
ลลล	do	W A Hutcherson	Oats and straw	284
667	Nov. 6	P. P. Cparoni & Bro	Models.	726 284 40 84
668	do	Woldenberg & Schaar	Laboratory apparatus	84
669	do	Block Publishing Co.	Books	
670	do	Illinois Printing Co	Labels	1 7
$67\dot{1}$	do	Eugene Dietzgen Co	Paper	16
$67\overline{2}$	do	Dallenbach Brothers	Oats. Oats and straw Models. Laboratory apparatus. Books. Labels. Paper. Meat. Maps. Electric supplies Steel Stationery. Floor cleaner.	$\bar{13}$
373	do	McKinley Publishing Co	Maps	7 16 13
374	do	Electric Appliance Co	Electric supplies	24
875	do	Joseph T. Ryerson & Son	Steel	8 29
	l. do	Jacquin & Co	Stationery	29
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0.	Date.	To whom.	For what.	Amour
2070	1912.	The Beardsley Hotel Co. University Club. Southern Illinois Penitentiary. The Geo. Banta Publishing Co. Gaylord Brothers. Remington Typewriter Co. The Letter Shop. Powers & Powers. F. D. Lambert. Ernst Leitz. J. H. Coffey. Horticultural Publishing Co., Ltd. The Chicago Packer. G. M. Clark & Co. C. W. Johnson. Market Growers Journal Co. The Miller Harness Co. Lord and Thomas. Robert F. Hildebrand. S. E. Henley Lumber Co. Spencer Lens Co. The Rider & Driver. Creamery Package Mfg. Co. J. H. Paine. Palmer Bros. American Journal of Veterinary Medicine Twin City Printing Co. Walker & Mulliken. A. H. Barber Creamery Supply Co. The Western Horseman Co. American Book Co. Drovers Journal Publishing Co. Fairfield Farms. The Globe Wernicke Co. The Chas. Graham Chemical Potter Works. Corbin Cabinet Lock Co. National Mossiac Tile Co.	77-4-13-411	014
0078	Nov. 6	The Beardsley Hotel Co	Hotel bill	\$14 9
679 680	do	Couthorn Illinois Benitantians	Entertaining	6
681	do	The Geo Rente Publishing Co	Evarace	13
682	do	Gaylord Brothers	Gummed numbers	ĩ
683	do	Remington Typewriter Co	Ribbons	2
684	do	The Letter Shop	Mimeograph work	15
685	do	Powers & Powers	Amoeba	. 20
686	do	F. D. Lambert	Laboratory supplies	. 20
687	do	Ernst Leitz	Repairs	2
688	do	J. H. Coffey	Wages, October, 1912	45 1
689	do	The Chicago Packer	Subscription	$\frac{1}{2}$
601	do	G M Clark & Co	Stove	3
605	do	C W Johnson	Matal cumplies	16
603	do	Market Growers Journal Co	Subscription	1
694	do	The Miller Harness Co.	Harness	7
695	do	Lord and Thomas	Book	. 2
696l	do	Robert F. Hildebrand	Photographs	33
697∤	do	S. E. Henley Lumber Co	Lumber	18
6981	do	Spencer Lens Co	Water bath complete	80
699	do	The Rider & Driver	Subscription	10
700	do	Creamery Package Mfg. Co	Gaskets	4
701	do	J. H. Paine	SHOES	$\begin{array}{c} 7 \\ 12 \end{array}$
702	do	American Tournal of Veterinamy Madein	Subscription	12
704	do	Twin City Printing Co.	Tage	3
705	do	Walker & Mulliken	Lineleum	61
706	do	A H Barber Creamery Supply Co	Tester	34
707	do	The Western Horseman Co	Subscription	2
708	do	American Book Co.	Books	2 5
7091	do	Drovers Journal Publishing Co	Subscription	6
710	do	Fairfield Farms	Poultry	40
711	do	The Globe Wernicke Co	Cards	3
712	do	The Chas. Graham Chemical Potter	~. ·	
		Works	Sink	11
713	ao	Coroin Cabinet Lock Co	Keys	10
714	00	Who American Plackboard Co	Plackboard	26 14
716		A W Pleininger	Expanses	28
717	do	Wood Products Co	Laboratory materials	4
718	do	W. J. Boehm	Laboratory apparatus	8
719	do	H. W. Johns-Manville Co.	Asbestos supplies	13
720	do	Meyer Bros. Drug Co	Drugs.	1
721	do	J. T. Baker Chemical Co	do	15
722	do	Simplex Electric Heating Co	Coils	21 25
723	do	Roessler & Hasslacher Chemical Co	Sodium peroxide	25
724	do	U. T. Hungerford Brass & Copper Co	Tubing	2
725	do	Elmer & Amend	Supplies	1 <u>1</u>
727	uo	H I Ronnictor	Wagas October 1019	34
720	do	Lewis Electric Supply Co	Services	3
720	do	The Peoria Star Co.	Advertising	· ĭ
730	do	Western Kieley Steam Specialty Co.	Valves.	21
731	do	Frank S. Betz Co.	Plates	10
732	do	The Accident Cabinet Co	Supplies	1
733	do	Jas. G. Biddle	Thermometers	43 10
734	do	The National Pipe Bending Co	Heater	10
735	do	Theodore Bercher & Son	Labor and material	17
736	do	General Electric Co	W Ire.	30
750	ao	Tohn & Ollior Engraving Co	Traning	12
720	do	Walker Vehicle Co	Renairs on voltmeter	5
740	do	Swift & Co	Fertilizer	9
741	do	C. F. C. Rilev	Expenses	9 29
$74\overline{2}$	do	Conklin & Hill	Implements	66
743	do	The Carson-Payson Co	Lavatory	23
744	do	National Municipal League	Dues	5 5
745	do	R. G. Lewis	Book	5
3746	do	The Religious Education Assn	Dues	3
747	do	The Register Gazette	B00k	1
748	do	Robert Rutter & Son	Binding	2
2749	αο	The H W Wilson C-	BOOKS	3 14
0750	ao	H N Flmor Conord A cont	Apparetus	14
J/01 6750	uo	C F Brown Mfg Cc	Apparatus	3 13
0192 6759	do	Fairfield Farms. The Globe Wernicke Co The Chas. Graham Chemical Potter Works. Corbin Cabinet Lock Co. National Mosiac Tile Co. The American Blackboard Co. A. V. Bleininger. Wood Products Co. W. J. Boehm. H. W. Johns-Manville Co. Meyer Bros. Drug Co. J. T. Baker Chemical Co. J. T. Baker Chemical Co. J. T. Baker Chemical Co. U. T. Hungerford Brass & Copper Co. Eimer & Hasslacher Chemical Co. U. T. Hungerford Brass & Copper Co. Eimer & Amend. The Emil Greiner Co. H. J. Bannister. Lewis Electric Supply Co. The Peoria Star Co. Western Kieley Steam Specialty Co. Frank S. Betz Co. The Accident Cabinet Co. Jas. G. Biddle. The National Pipe Bending Co. Theodore Bercher & Son General Electric Co. Faries Mfg. Co. Jahn & Ollier Engraving Co. Walker Vehiole Co. Swift & Co. C. F. C. Riley. Conklin & Hill The Carson-Payson Co. National Municipal League R. G. Lewis. The Religious Education Assn The Register Gazette. Robert Rutter & Son Perry & Buckley Co. The H. W. Wilson Co. H. N. Elmer, General Agent C. E. Brown Mfg. Co. Meatonal Steam Specialty Co. Medart Patent Pulley Co. U. & C. Railway, Gas & Electric Co.	Volvas	14
01100	40	Medart Patent Pulley Co	Hardware	17
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To.	Date.	To whom.	For what.	Amour
	1912.			
3756	Nov. 6	Westinghouse Electric & Mfg. Co	Repairs on motor	\$ 54 3 13
757				3
758	do	The Babcock & Wheox Co. The Daviock Packing Co. The Business Bourse. Whiting Paper Co. F. M. Mulhig. F. K. Cowley. Catherine Oaks. Myrtle A. Renz.	Handles and latenes. Packing. Subscription. Paper. Copying list. Salary, October, 1912.	13
760	00	Whiting Pener Co	Paper	1 59
761	do	F M Mulhic	Conving list	1 59
762	do	F K Cowley	Salary October 1012	1 120 75 52
763	do	Catherine Oaks	-d0	75
764	do	Myrtle A. Renz	do	52
765	do	Frances G. Garwood	do Hardware, etc. Oil and freight.	43 15 6 9
766	do	The Hill & Griffith Co	Hardware, etc	15
767	do	T. P. Kelley & Co	Oil and freight	6
768	do	The Adams Co	Flasks	1 100
709	do	Pantagraph Printing & Stationery Co	Wages October 1019	1, 193 22
771	do	The Chempoign Nowa	Printing. Wages, October, 1912. Advertising. Services.	. 4
779	do	E W Sampson	Sarvicas	95
773	do	Albert Wusetman	Watches	25 18
774	do	W. G. Stromquist	Expenses	34
775	do	Indianapolis Engraving & Electrotyping	Zap on soon	
		Co	Map	1 1
776	do	G. Van Nostrand Co	Book	1
777	do	F. P. Smith Wire & Iron Works	Brass thresholds	10
778	Nov. 7	J. E. Hyre	Laying tile	18 25
779	do	Catherine Oaks Myrtle A. Renz Frances G. Garwood. The Hill & Griffith Co. T. P. Kelley & Co. The Adams Co. Pantagraph Printing & Stationery Co. Marjorie H. Gage. The Champaign News. E. W. Sampson. Albert Wuestman. W. G. Stromquist. Indianapolis Engraving & Electrotyping Co. G. Van Nostrand Co. F. P. Smith Wire & Iron Works. J. E. Hyre. D. M. Brumfiel. G. H. Chase. R. Graham.	Map. Book Brass thresholds. Laying tile. Scholarship, October, 1912 Honorarium	25
/80	do	G. H. Chase	Honorarium	1755 4 4 4 4 21 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
181	do	R. Graham	Milk	5
702	do	M. Cherry		4
704		S. Atchison	do	3
725	do	J. F. I cazei	do	21
786	do	P P Dunn	do	5
787	do	E W Smalley	do	7
788	do	I H Schwengel	do	11
789	do	James Freeman	_do	16
790	do	G. Taylor	_do	Š
791	do	O. A. McInnes	do	5
792	do	John Weiss	do	28
793	do	C. Allen	do	7
794	do	T. A. McCracken	do	7
795	do	W. E. Leigh	do	3
796	do	Wm. Case	do	12
797	do	1 H. Gordon	do	11
798	do	W.E. Yount		10
500	do	F F Lyong	do	0
300		O W Hampton	do	3
302	do	Fred Thompson	do	3
303	do	W. H. Webb	do	ĭ
304	do	A. G. Guard	do	3
305	do	J. B. Salliday	do	4
306	do	N. Murrell	do	10 7 12
307	do	M. Leigh	do	7
308	do	J. M. Herriott	do	12
(09	do	M. Hudson	qo	4
TO	do	T. P. Lyons		20
210		J. E. Henderson	do	10
212	uo	G M Seeher	do	12
214	uo	H T Nalson	do	G A
115	do.	A. R. Grindley	_do	l A
316	do	J. H. Umbanhowar	ldo	5
317	do	J. W. Anderson	do	5
818	do	D. W. Shiveley	do	7
819	do	W. W. Meyers	do	5
820	do	R. A. Lumsden	do	1
821	do	G. F. Diefenbach	do	5
822	do	U. A. Fogel	<u>q</u> o	7
623	do	W. U. Welch		8
024	ao	W. D. Koll	uo	11
025	ao	E. K. USIISAY	uo	7
020	do	Iohn McCullough	do	20
829	uo	David Wilkins	do	4 200 55 66 55 77 8 111 57 22 300 59 97 177 9
820	uu	George Herriott	do	0
ა∠მ  830	uo	H I Moorehouse	do	17
831	do	J. B. Hyre D. M. Brumfiel G. H. Chase R. Graham M. Cherry S. Atchison J. P. Yeazel J. M. Stickrod P. P. Dunn E. W. Smalley J. H. Schwengel James Freeman G. Taylor O. A. McInnes John Weiss C. Allen T. A. McCracken W. E. Leigh Wm. Case I. H. Gordon W. E. Yount W. H. Gray E. F. Lyons O. W. Hampton Fred Thompson W. H. Webb A. G. Guard J. B. Salliday N. Murrell M. Leigh J. M. Herriott M. Hudson T. P. Lyons C. C. Gordon G. M. Seeber H. I. Nelson A. R. Grindley J. H. Inno J. M. Herriott M. Hudson T. P. Lyons C. C. Gordon G. M. Seeber H. I. Nelson A. R. Grindley J. H. Umbanhowar J. W. Anderson D. W. Shiveley W. W. Meyers R. A. Lumsden G. F. Diefenbach C. A. Fogel W. C. Welch W. D. Rohl E. R. Canady F. Krukewitt John McCullough David Wilkins George Herriott H. J. Morochouse T. M. Ghere. W. F. Hampton T. H. J. Moorehouse T. M. Ghere. W. F. Hampton I. H. Besore.	do	9
		TIT TO TI	1 do	5
832	. do.			

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

To.	Date.	To whom.	For what.	Amour
	1912.	W. H. Frame. W. J. Wilson I. Ellrod. F. W. Howell D. S. Herriott. John Godsell Pearl Hazen R. S. McInnes John Engelbrecht. S. Guinn. F. H. Busey. W. Davis L. F. Lindsey. G. W. Van Meter Frank Knox. J. W. Wilson.		
6834	Nov. 7	W. H. Frame	Milk	\$ 10
6835	do	W. J. Wilson	do	10 5 12 4 11
0830 2097	do	L Ellrod	do	10
6838 6838	do	D S Harriott	do	1 19
6839	do	John Godsell	do	12
6840	do	Pearl Hazen	do	11
6841	do	R. S. McInnes	do	7
6842	do	John Engelbrecht	do	7 21
6843	do	S. Guinn	do	6 5 6 4 19
3844	do	F. H. Busey		5
0200 3040	do	T. F. Lindsov	do	0
847	do	G W Van Meter	do	10
848	do	Frank Knox	do	9
849	.:do	J. E. Hanev	do	8
3850	do	J. M. Smith	do	8 15
851	do	Cora Stacker	do	9
852	do	J. C. Anderson	do	3
853	do	J. F. Hoy	do	7
0004 1055	ao	R Torden	do	9 3 7 12 13 3 6 7 9 2 5 13 15 7
660 478	do	D A Silver	do	13
857	. do	L. P. Rayburn	do	e A
858	do	G. W. Van Meter Frank Knox. J. E. Haney. J. M. Smith. Cora Stacker J. C. Anderson J. F. Hoy C. J. Gillespie. B. Jordan D. A. Silver L. P. Rayburn H. Buhs E. Grove Len Rayburn H. C. Kaulman George Schiff C. Ross Lou Creiger Nicholas Hahn H. Wascher S. Herriott R. T. Lumsden T. F. Jordan W. L. Burlison R. L. Hegnauer	do	7
859	do	E. Grove.	do	9
860	do	Len Rayburn	do	ž
861	do	H. C. Kaufman	do	5
862	do	George Schiff	do	13
863	do	C. Ross	do	15
0804		Nicholog Hohn	do	7
เลยล	do	Woschar	do	7 7 19
867	do	S. Herriott	do	4
868	do	R. T Lumsden	.do	â
869	do	T. F. Jordan	do	29
8879	do	W. L. Burlison	Expenses	3 29 4
871	do	R. L. Hegnauer	do	3
3872	do	H. C. Taylor	Baling straw	38 150 6
1873	do	R. W. Brancher	Rental.	150
1014 1975	do	T W Dunlan	Poyment on contract	215
3876	_do	Jas. H. Carter	Expenses	52
877	do	W. H. Galliher	-do	52 186
878	do	McClean Lumber Co	Lumber	111
879	do	Franklin Valbert	Wagon bed	13 9 7
880	do	Ebner Ice & Cold Storage Co	Barrels	9
881	do	Alex Harmon & Son	Horse shoeing	7
882	do	The New York Botanical Garden	Book	1 15 46 23
888	do	Texas State Historical Assn	Book binding	15
1004 1225	do	F C Lincoln	do do	93
888	do	H. H. Laner	Services and expenses	4
887	do	T. A. Simpson	List	i
888	do	Albert Tate	Expenses.	65 28 52
889	do	Frank Morgan	do	. 28
890	do	Rance Sutton	do	52
891	do	A. L. Moats	ao	35 13
692 909	00	W. Atell, Sr	Field expenses	13
090	uo	C A Comphall	Evnences	41 194
895	do	J. H. Pettit	do	124 39
896	. do	E. Van Alstine	do	12
897	do	R. T. Lumsden. T. F. Jordan. W. L. Burlison. R. L. Hegnauer. H. C. Taylor. R. W. Brancher. The Chicago Live Stock World. J. W. Dunlap. Jas. H. Carter. W. H. Galliher. McClean Lumber Co. Franklin Valbert. Ebner Ice & Cold Storage Co. Alex Harmon & Son. The New York Botanical Garden. Texas State Historical Assn. H. H. Stock. F. C. Lincoln. H. H. Lauer. T. A. Simpson. Albert Tate. Frank Morgan. Rance Sutton. A. L. Moats. W. Aten, Sr. Henry Pfau. C. A. Campbell. J. H. Pettit. E. Van Alstine. J. E. Whitchurch. F. W. Gault. J. E. Andrews. J. R. Wells. W. F. Conway. Spring Valley Creamery. G. J. Deardorf. Johnsons Creamery. F. Grimm. P. G. Jones. G. H. Bost. W. L. Curlis. W. R. Olinger. M. E. Simonson. Sam Grimm.	do	12 89
898	do	F. W. Gault	do	82 19
899	do	J. E. Andrews	do	19
900	do	J. K. Wells	do	10
900 901	Nov. 8	W. F. Conway	Butter	6
902 ans	00	G T Doordorf		5 6
OU9 OU9	do	Johnsons Creamery	do	9
904	do.	F. Grimm	do	5
906	do	P. G. Jones	do	2
907	do	G. H. Bost	do	$\tilde{6}$
908	do	W. L. Richards	do	6
909	do	W. L. Curlis	do	9
910	do	W. R. Olinger	do	2 9 5
911	do	M. E. Simonson	do	9
		Sam Grimm	do	- 5

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued}.$

lo.	Date.	To whom.	For what.	Amou
2010	1912.	R. J. Collier Dewitt Smith John Newman & Co. John Crerar Library The Denver Fire Clay Co. L. R. Lang W. T. Crandall W. J. Fraser W. W. Japp N. W. Hepburn R. C. Kastler Freeman & Brooks A. E. Morris G. W. Matheny Wadsworth Howland Co. The Arthur H. Clark Co. Jas. H. Rice Co. G. C. Willis Bryan-Marsh Electric Works J. W. Butler Paper Co. White Line Steam Laundry Koniglichen Bibliothek The Lombard Co. Victor Electric Co. H. A. Swits The Holstein-Freisian World The Breaders Gazette	D	
6014	Nov. 8	R. J. Collier	Butter	\$ 8 6
0914 801#	ao	John Nowman & Co	Return of fee	2
8016		John Crerer Librery	Corde	15
6917	do	The Denver Fire Clay Co	Materials	27
6918	qo;	L. R. Lang	Expenses	ĩi
6919	do	W. T. Crandall	do	17
6920	do	W. J. Fraser	do	60 21
6921	do	W. W. Yapp	do	21
6922	do	N. W. Hepburn	do	11
6923	do	R. C. Kastler	do	32
0924 2005	ao	Freeman & Brooks	Payment on contract	2, 975 170
เลาย เลาย	do	C. W. Mothery	rybenses	69
6097	do	Wodeworth Howland Co	Points ate	10
6928	do	The Arthur H Clark Co	Books	100
6929	do	Jas. H. Rice Co.	Glass	19 6 21
6930	do	G. C. Willis	Dry goods	2
6931	do	Bryan-Marsh Electric Works	Electrical supplies	160
6932	do	J. W. Butler Paper Co	Paper	12
6933	Nov. 11	Montgomery Ward & Co	Supplies	23
6934	do	White Line Steam Laundry	Laundry Work	21
6935 6026	do	Koniglichen Bibliothek	Cards	12
ยงจุบั	ao	The Lombard Co	DOUKS	75
0937 6020	00	VICTOR Electric Co	Dobbite	3
หมรช กลอง	do	The Helatein Freigien World	Subscription	1
6940	do	The Breeders Gazette	Coil. Rabbits Subscription Copies Dairy supplies Supplies Lumber and lime Dues Jars and cloth Hardware Furniture Salary, October, 1912 Books .do .do .do .do .do .Music Bookbinding	
6941	do	Creamery Package Mfg Co	Dairy supplies	23
6942	do	S. E. Dillayou	Supplies	22
6943	do	W. W. Walls & Co.	Lumber and lime	-
6944	do	The American Breeders Assn	Dues	2
6945	do	W. Lewis & Co	Jars and cloth	2
6946	do	The Chas A. Strelinger & Co	Hardware	1,493
6947	do	American Drafting Furniture Co	Furniture	1,49
6948	do	A. B. Wright	Salary, October, 1912	50
6949	do	T. H. Flood & Co	Books	29
695U	1do	Callagnan & Co Bublishing Co	00	17
6020 0991	00	West Publishing Co	Cubacrintian	5
6953	do	Otto Harrageowitz	do	90
6954	do	I. Terguem & Cie	do	1 4
6955	do	The Willis Music Co	Music	1
6956	do	Ernst Hertzberg & Sons	Bookbinding	249
6957	do	The E. H. Wachs Co	Pin box	69
6958	do	Geo B. Carpenter & Co	Cable and blocks	69
6959	do	John C. Moore Corporation	Binders	3
6960	do	John B. Bennett	Labor and material	68
6960 6961	do	American Steel & Wire Co	Freight	2
0902 6069	do	G W Medley	Taybenses	30
გეგ <i>ა</i>	do	Swift & Henry	Sheen	3 045
6965	do	Harry Ferguson	Expenses	3,048
6966	do	Western Valve Co.	Valves	5
6967	do	Ernst Hertzberg & Sons.	Book binding	5: 3:
6968	do	Illinois State Penitentiary	Furniture and repairs	59
6969	do	D. H. Lloyde	Stationery supplies	13
6970	do	Illinois State Reformatory	Printing	49
6971	do	The Lunkenheimer Co	Fittings	
6972	do	F. M. Leslie	Picture frames	1
0973 6074	on	D S Compbell	UII, etc	64
0814 6075	do	Champaign Steam Loundry	Laundry	2
6076	do	The Chester Transfer Co	Hauling and shoeing	9
6977	ldo	Chas. A. Hall Hardware Co	Hardware	2
6978	do	Chas. H. Besly & Co	Hardware, etc.	1.
6979	do	Bennetts Newspaper & Magazine Agency	Subscriptions	5:
6980	do	Jas. B. Clow & Sons.	Pipe, fiftings, etc	. 4
6981	do	Derrough & Co	Hardware	7
6982	do	Crane Co	Fixtures	7
6983	do	Stipes & Hecker	ISand, gravel, etc	9
6984	do	Swartz Electric Shop	Material and rent	99 68 14 5'
6985	do	Macninists Supply Co	Hardware	6
6005		A. D. Nelson & Sons	Groceries	1 2
6000	oo	Ronguchen Spilothek The Lombard Co. Victor Electric Co. H. A. Swits. The Holstein-Freisian World The Breeders Gazette. Creamery Package Mfg. Co S. E. Dillavou W. W. Walls & Co. The American Breeders Assn. W. Lewis & Co. The Chas A. Strelinger & Co. American Drafting Furniture Co. A. B. Wright. T. H. Flood & Co. Callaghan & Co. Lawyers Co-operative Publishing Co. West Publishing Co. Otto Harrassovitz J. Terquem & Cie. The Willis Music Co. Ernst Hertzberg & Sons. The E. H. Wachs Co. Goo B. Carpenter & Co. John C. Moore Corporation John B. Bennett. American Steel & Wire Co. J. G. Mosier G. W. Medley Swift & Henry Harry Ferguson Western Valve Co. Ernst Hertzberg & Sons. Illinois State Penitentiary D. H. Lloyde. Illinois State Reformatory The Lunk enheimer Co. F. M. Leslie. Standard Oil Co. P. S. Campbell Champaign Steam Laundry. The Chester Transfer Co. Chas. A. Hall Hardware Co. Chas. H. Besly & Co. Bennetts Newspaper & Magazine Agency Jas. B. Clow & Sons. Derrough & Co. Crane Co. Swartz Electric Shop. Machinists Supply Co A. S. Nelson & Sons. Metzler & Schafer Co. Meyer & Wenthe. Mittendorf & Kiler The Burr Co. Percival & Moorehead.	Dubbar stamps	5
0988 2000	do	Mittandorf & Wilar	Rubber stamps. Furniture Hardware, etc.	8
	/IU.O	THE PROPERTY OF TAMES	L. mineme.	1 2
RGGA	ob (	The Burr Co. Percival & Moorehead.	Hardware etc	25

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

No.	Date.	To whom.	For what.	Amount
	1912.	John H. Doyle. A. C. McClurg & Co. G. E. Stechert & Co. Central Electric Co. S. E. Huff & Co. The University of Illinois Supply Store. Twin City Ice & Cold Storage Co. Automatic Electric Co. John B. Bennett. Western Electric Co. John B. Bennett. Western Electric Co. The Frederick Post Co. Sears, Roebuck Co. R. C. Wagner & Son. Pantagraph Printing & Stationery Co. Twin City Roofing & Sheet Metal Works Leavitt Mig. Co. Freeman & Brooks. M. H. Foundry & Mig. Co. Flanigan-Pearson Co. Hektograph Mig. & Dup Co. H. A. Dreer Freeman & Brooks. G. A. Harper		
6992	Nov. 11	John H. Doyle	Supplier etc.  Books and supplies.	\$ 58 1
6993	ao	G E Stechert & Co	Books and supplies	150 6 66 0
6995	do	Central Electric Co	Electric supplies	78 3
6996	do	S. E. Huff & Co	Books and supplies Electric supplies Lumber, etc. Stationery Loe Electric supplies Labor and material Electric supplies	427 0
6997	do	The University of Illinois Supply Store.	Stationery	66 0 78 33 427 0 147 3 56 4
6000	do	Twin City Ice & Cold Storage Co	Floatria supplies	56 4
7000	uo	John B. Bennett	Labor and material	210 3
7001	Nov. 12	Western Electric Co.	Blue prints Blue prints Book and canvas. Teaming Stationery and labor.	69 20 210 30 32 3' 53 10
7002	do	The Frederick Post Co	Blue prints	53 1
7003	do	Sears, Roebuck Co	Book and canvas	15 40 242 50 51 98
7004	do	R. C. Wagner & Son	Teaming.	242 50
7003	ao	Twin City Roofing & Sheet Metal Works	Motorials	947 5
7007	do	Leavitt Mfg. Co	MaterialsLabor and materials	247 50 569 9
7008	do	Freeman & Brooks	do	
7009	do	M. H. Foundry & Mfg. Co	Plumbing supplies	45 0
7010	do	Flanigan-Pearson Co	Books and printing	198 2
7011	do	Hektograph Mig. & Dup Co	Duplicator and ribbon	6 88
7012	uo	Freeman & Brooks	-do - Plumbing supplies - Books and printing - Duplicator and ribbon - Seeds - Payment on contract - Expresses	152 95 45 00 198 27 6 88 25 57 297 50
7014	do	G. A. Harper	Expenses	6.50
7015	do	Flanigan-Pearson Co. H. A. Dreer. Freeman & Brooks. G. A. Harper. H. A. Hollister. O. E. Staples, Chief Clerk A. H. Palmer. Hoskins Mfg. Co. C. A. Rowe. F. A. Pearson. C. J. Welch. Ralph Chaplin Victoria A. Adams. C. C. Logan. H. P. Rusk. Ralph Hilscher. P. Adams. A. O. Magnuson. O. E. Staples, Chief Clerk O. E. Stap	do	6 50 37 50
7016	do	O. E. Staples, Chief Clerk	Snyder deposits payments	400 00
7017	do	A. H. Palmer	Soap and oil	1 70
7018	do	Hoskins Mig. Co	Laboratory apparatus	73 73
7019	00	U. A. KOWO	Expenses	29.7
7020	do	C. I. Welch	Payment on contract	1 248 9
7022	do	Ralph Chaplin	Expenses	17 80
7023	do	Victoria A. Adams	do	1 700 00 1 70 73 75 7 60 32 7' 1, 248 90 17 80
7024	do	C. C. Logan	do	96 0
7025	do	H. P. Rusk	[do	30 4
7026	do	Raiph Hilscher	Houling	34 9
7027	do	A O Magnuson	Prints and tracings	150 79
7029	do	O. E. Staples, Chief Clerk	Rebates.	30 45 34 95 28 37 150 72 1, 012 25
7030	do	O. E. Staples, Chief Clerk	Freight	143 06 41 93
7031	do	O. E. Staples, Chief Clerk	Express	41 93
7032	do	O. E. Staples, Chief Clerk	Students' payroll	345 43 43 62 417 75 129 00 290 40 3 85
7033	do	O. E. Staples, Chief Clerk	Sundry bills	43 62
7034	Nov 13	C. G. Winn	Rarrals	129 00
7036	.do	Woldenberg & Schaar	Laboratory apparatus	290 40
7037	do	Anaconda Copper Mining Co	Labor and materials	3 88
7038	do	American Institute of Electrical En-	- ·	
7000		gineers	Papers	7 40 12 00
7039 7040	do	C G Goro	Paneire	12 00
7040	uo	Geo. Banta Publishing Co.	Express	1 50 4 84 120 00 1 23 6 25 7 50 28 00 120 90 4 00 4 23
7042	do	Democrat Printing Co.	Pamphlet cases	120 00
7043	do	Kimpton-Harbottle & Haupt	Stand	1 28
7044	do	De Zeng Standard Co	Charts	6 25
7045	do	Illinois State Penitentiary	Chair	7 50
7040		Kowanna Mfg Co	Cabinet and tables	28 UU
7048	do	Kirknatrick University Store	Eggs	2 10
7049	do	Farmer's Advocate.	Subscription.	4 00
7050	do	The Divine Water Motor Co	Motor.	4 23
7051	do	Market Growers Journal Co	Subscription	1 00
7052	do	Mrs. C. W. Balke	Eggs	1 52
7053	do	The National Provisioner	Subscription	1 52 3 00 2 00 6 75 3 00
7054	do	B E Powell	Evnanças	6 75
7056	do	R. E. Brand	-do	3 00
7057	do	The American Multigraph Sales Co	Book	8 15 3 00
7058	do	American Horse Breeder Publishing Co .	Subscription	3 00
7059	do	P. Adams	Hauling	12 32 1 00
7060	ao	The Chicago Live Steels World	Paners	8 00 T 00
7062	do	State Charities Commission	Desk	6 00 50 00
7063	do	Corbin Cabinet Lock Co.	Keys	7 31
7064	do	Chas. Engelhard	Apparatus	7 31 145 60
7065	do	Abbe Engineering Co	Materials	· 10 50
7066	do	Baker & Adams Chemical Co	Chemicals	8 20 47 50
7067	do	Albert Wuesteman	regulator	47 50
7008	o	Raker & Co. Inc.	Sheet metals	7 50 76 61
			DITION THOUARD	10 01

No.	Date.	To whom.	For what.	Amoun
	1912.	-		
7070	Nov. 13	Elwood Haynes	Spatulas	\$ 3 6 551 46 5 22 3 1 7 22 125
7072	ao	Alexander H. Pavall & Co.	Furniture	551
7073	do	The V D Anderson Co	Steam trans	46
7074	do	Crane Co.	Pipe.	i 5
7075	do	Freeman & Brooks	Labor and materials	22
7076	do	Frank S. Betz Co., Inc.	Plate.	3
7077	do	H. C. Tunison	Map	1
7078	do	N. J. Bartlett & Co	Books, etc	7
7079	do	Central Scientific Co	Instruments	22
080	do	A. C. McClurg & Co.	Books	125
180	do	Robert Appleton Co	BOOK.	125 6 3 10 1 20 72 6
082	go	American Society of Civil Engineers	Index.	3
003		J. L. Edmonds	Expenses.	10
004	do	Automotic Floring Co	Floatric gumplica	1 00
000		Goo B Comportor & Co	Weste and pooling	70
087	do	The Chicago Pocord-Worold	Subscription	12
088	do	Crerar-Adams & Co	Paper	5 25 6 95
080	do	A Rorr	Matariale	95
กอก	do	F S Burch & Co	Lags	6
1000	do	Paul Hanson	Expenses	95
002	do	Rausch & Lomb Ontical Co	Laboratory supplies	620
093	- do	Eimer & Amend	Apparatus and supplies	629 164
004	do	The Burr Co	Materials	164 78 23 32 326 29 12 48 16 51
095	do	Percival & Moorehead	Hardware	23
096	do	Knowlton and Bennett	Supplies	32
097	. do	General Electric Co	Electrical supplies	326
098	do	Flanigan-Pearson Co	Books	29
099	do	Frison Carriage Shop	Labor and material	1 12
100	do	John H. Dovle	Hardware, etc.	48
101	do	J. W. Butler Paper Co	Stationerv	16
102	do	Fairbanks-Morse & Co	Cart and scale	51
103	do	S. E. Huff & Co.	Lumber	140
104	do	Library Bureau.	Furniture and supplies	140 203
105	do	Illinois Press Clipping Bureau	Services	8
106	do	Bennetts Newspaper & Magazine Agency	Books	4
107	do	Bausch & Lomb Optical Co	Supplies	203 8 4 23 11 14 580
108	do	G. & W. Electric Co.	do	11
109	do	Chas. A. Hall Hardware Co	Hardware, etc	14
110	do	Illinois State Reformatory	Printing	580
111	do	Central Electric Co	Electric supplies	175 156
112	do	D. H. Lloyde	Supplies	156
113	Nov. 14	The University Club of U. & C	Entertaining guests	40 28 1 6
114	do	St. Louis Biological Laboratory	Sildes	28
115	do	The Geo. J. Roberts Co	Packing	I
110	ao	The New Era Printing Co	rrmung	, ,
11/	do	Mantager Way 1 & Ca	Dogles	1
110	do	Montgomery ward & Co	Desks	27
119		Who IT W Wilson Co	Pools	02
101		The Ct. W. Wilson Co	Mills and aggs	1
199	uo	Wollzon & Mullikon	Dools	54
192		F H Swigert	Piano tuning	95
124	do	The Taylor Hardware Co	Hardware	25
125	do	H. C. Horton	Hauling	. 0
126	do	R. C. Wagner & Son	Coal	27 62 2 1 54 25 35 35 9 8 156 6 4 2 2 17 17 18
127	do	Wilhelm Miller	Salary, October, 1912	37
128	do	Jacob White	Services	8
129	do	H. F. Stinespring	Meal	156
130	do	Root Dairy Supply Co	Repairs	1
131	do	Percheron Society of America.	Fees	6
132	do	Reporter Publishing Co	Subscription	4
133	do	20th Century Press Clipping Bureau	Clippings	2
134	do	Paisley & Shively	Hav	17
135	do	A. T. Thompson & Co	Slides	13
136	do	The National Nurseryman Publishing Co.	Subscription.	. 1
137	do	Percival & Moorehead.	Hardware.	. 4
138	do	Southern Illinois Penitentiary	Dust	- 40
139	do	E. Davenport	Expenses	37
140'.	do	N. H. Shiëlds	Payment on contract	4,877
141	do	Roessler & Hasslacher Chemical Co	Acetone	14
	do	English Brothers	Labor	29
142 .	do	L. A. Spies	Expenses	37 4,877 14 29 10
$\frac{142}{143}$ .		~~ , ~6 ,,	40	5
142 143 144	do	H. A. Harding	uo	U
142 143 144 145	do	H. A. Harding H. A. Reuhe	_do	8
142 143 144 145 146	do do	Elwood Haynes. Frank A'Heals. Alexander H. Revell & Co. Trhe V. D. Anderson Co Crane Co. Freeman & Brooks. Frank S. Betz Co., Inc. H. C. Tunison. N. J. Bartlett & Co. Central Scientific Co. A. C. McClurg & Co. Robert Appleton Co. American Society of Civil Engineers. J. L. Edmonds. The Business Bourse. Automatic Electric Co. Geo. B. Carpenter & Co. The Chicago Record-Herald. Crerar-Adams & Co. A. Barr F. S. Burch & Co. Paul Hansen. Bausch & Lomb Optical Co. Eimer & Amend. The Burr Co. Percival & Moorehead Knowlton and Bennett General Electric Co. Flanigan-Pearson Co. Flairbanks-Morse & Co. Flairbanks-Morse & Co. S. E. Huff & Co. Library Bureau. Illinois Press Clipping Bureau. Bennetts Newspaper & Magazine Agency Bausch & Lomb Optical Co. G. & W. Electric Co. Chas. A. Hall Hardware Co. Illinois State Reformatory. Central Electric Co. D. H. Lloyde. The University Club of U. & C. St. Louis Biological Laboratory. The Geo. J. Roberts Co. The New Era Printing Co. Montgomery Ward & Co. Stone & Forsyth. The H. W. Wilson Co. The H. W. Wilson Co. The Students Store. Walker & Mulliken. E. H. Swigert. The Taylor Hardware Co. H. C. Horton. R. C. Wagner & Son Wilhelm Miller Jacob White. H. F. Stinespring. Root Dairy Supply Co. Percheron Society of America. Reporter Publishing Co. 20th Century Press Clipping Bureau. Paist Y & Shivoly. A. T. Tardware Co. Perchave Shivoly. A. Roberts Co. Perchave Shivoly. A. Rober	do. Wages, September, 1912	8 40 40

0.	Date.	To whom.	For what.	Amout
	1912.	Weil Brothers. Westerlin & Campbell Co. Joseph T. Ryerson & Son A J. Gunderson W. A. Ruth. J. C. Thomas National Mosiac Tile Co. Rand, McNally & Co. National Live Stock Records Walvus Mig. Co. Oliver Mig. Co. Oliver Mig. Co. G. E. Miller D. M. White. E. E. Hoskins. The New York Blower Co. H. Swannell & Son Sheldon Brick & Building Supply Co. Twin City Printing Co. Franklyn R. Muller & Co. G. W. Sheldon & Co. B. A. Strauch Oldham Brothers. Western Carbon & Ribbon Co. L. C. Smith & Bros. Typewriter Co. Metzler & Schafer Co. Hunter, Rourke & Co. E. H. Sargent & Co. Reliable Plumbing & Heating Co. F. K. Robeson Mittendorf & Kiler Martin Metz. Twin City Roofing & Sheet Metal Works To Reliable Plankler & Sheet Metal Works		
149	Nov. 14	Weil Brothers	Apparatus.	\$ 186
151		Westerill & Campbell Co	Page and ruppers	5
152	do	A T Gundarson	Evnancee	5 26
153	do	W. A. Ruth	do	l 20
154	do	J. C. Thomas	Hardware	83 228
155	do	National Mosiac Tile Co.	Tile floor	15 50
156	do	Rand, McNally & Co	Books	50
157	do	National Live Stock Records	do	7
158	do	Walrus Mfg. Co	Instrument case	44
159	ao	Oliver Mig. Co	Knives	1 57
161	do	G. E. Miller	Expenses	57
162		F F Hoghing	Ewnonger	20 256 112
162	do	The New Vorle Blower Co	Pagulator apparatus	119
164	do	H. Swannell & Son	Supplies	112
165	do	Sheldon Brick & Building Supply Co	Brick	$\hat{94}$
166	do	Twin City Printing Co.	Book and stamps	3
167	do	Franklyn R. Muller & Co	Flooring.	484
168	do	G. W. Sheldon & Co	Freight, etc	90
169	do	B. A. Strauch	Photo work	13 19
170	do	Oldnam Brothers	Drugs, supplies, etc.	19
171	do	western Carbon & Ribbon Co.	Coupon book	6
172	ao	Metaler & Schofer Co	Graceries	102
174	do	Hunter Pourle & Co	Tambor	269
175	do	E. H. Sargant & Co	Laboratory supplies	858
176	do	Reliable Plumbing & Heating Co	Materials	858 137 121 145
177	do	F. K. Robeson	Dry goods.	121
178	do	Mittendorf & Kiler.	Furniture, etc.	145
179	do	Martin Metz	Repairs	4
180	do	Twin City Roofing & Sheet Metal Works	Metal supplies	29
181	do	G. E. Stechert & Co	Books	29 391 49
182	do	Saffell Co	Hardware	49
183	do	Standard Oil Co	Otation on the	39
104	Nov. 16	English Prothers	Perment on centract	10 000
100	100v. 10	The Library of Congress	Corde	10,902
187	do	G W Reardsley	Expanses	11
188	do	Horatio N. Parker	-do-	138 138 10,902 2 11 36
189	do	F. P. Collver	do	18
190	do	F. A. Pearson	do	40
191	do	John Balcom	do	9 219
192	do	White Hall Sewer Pipe & Stoneware Co.	Silo	219
193	do	T. D. Yensen	Expenses	4
194	do	U. S. Watkins	do	24 13
106	do	Fred T. Wetch	do	41
197	do	H A Hollister	do	14
198	Nov. 18	E. R. Ludwig	Second allowance	200
199	do	Mrs. J. M. Smith	Eggs.	14 200 4 45
200	do	Mamie Bunch	Wages, October, 1912	. 45
201	do	E. M. Goad	Corn	32
202	do	The Metropolitan Museum of Art	Book	1 1
203	do	Electric Coal Co	Coal	1, 160 170 75 10 263
204	do	Ueo. L. Koch	Alialia nay	170
205	ao	M. Wanghan	Deposit	75
∠Uઇ クロケ	ao	Dryor & Rurt	Corn	969
202	do	T. T Brownfield	Tmnlements	181
200	. do	Cornelius Stocker	Expenses	101
$\overline{210}$	do	Garrett Bros.	do	6
211	do	C. E. Smith	Labor	39 31
$21\overline{2}$	do	J. C. Miller	Horse hire	31
213	do	Los Angeles Municipal News	Papers and postage	36 147
214	do	A. L. Moats	Expenses	36
215	do	J. F. Umpleby	Materials	147
216	do	K. N. Smith	Ulls, etc	23
217	00	Henry Lesch & Co	Lanor	1 200
210	Nov. 10	G. T. Koch	How	119
220 919	1 do	D M Sime	Hauling	110
921	do	Wm Foor	Cow	70
222	do	Vanghan's Seed Store	Seeds	48
$\frac{1}{223}$	do	Reliable Flumbing & Heating Co. F. K. Robeson. Mittendorf & Kiler Martin Metz. Twin City Roofing & Sheet Metal Works G. E. Stechert & Co. Standard Oil Co. Standard Oil Co. The U. of I. Supply Store English Brothers. The Library of Congress G. W. Beardsley Horatio N. Parker F. P. Collyer F. A. Pearson John Balcom White Hall Sewer Pipe & Stoneware Co. T. D. Yensen O. S. Watkins H. F. Ferguson Fred L. Hatch H. A. Hollister E. R. Ludwig, Mrs. J. M. Smith Mamie Bunch E. M. Goed. The Metropolitan Museum of Art. Electric Coal Co. Geo. L. Koch Library of Congress. N. Vaughan. Dryer & Burt. L. T. Brownfield. Cornelius Stocker. Garrett Bros C. E. Smith J. C. Miller Los Angeles Municipal News A. L. Moats. J. F. Umpleby R. N. Smith Henry Lesch & Co. A. Hoen & Co. G. L. Koch D. M. Sims Wm. Foor Vaughan's Seed Store Frank Gerdes. S. Lee. A. G. Krukewitt J. B. Marsh H. Cherry.	Bailing hav and straw	147 23 240 1,387 113 10 70 48 100
224	Nov. 20	S. Lee	Milk	5
225	do	A. G. Krukewitt.	do	5
226	do	J. B. Marsh	do	6 3
	4.0	H Cherry	ldo	1 3

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	1912.		4	
7228	Nov. 20	Z. C. Keene R. Graham J. M. Stickrod J. M. Stickrod P. P. Dunn E. W. Smalley J. H. Schwengel Jas. Freeman G. Taylor O. A. McInnes John Weiss C. Allen T. A. McCracken W. E. Leigh Wm Case I. H. Gordon	Milk	\$ 3 3 3 3 3 3
229	do	R. Graham	do	
230	do	S. Atchison	do	
231	do	J. M. Stickrod	do	]
232	do	P. P. Dunn	do	1
233	do	E. W. Smalley	do	]
234	do	J. H. Schwengel	do	]
235	do	Jas. Freeman	do	
236	do	G. Taylor	do	
237	do	O. A. McInnes.	do	
238	do	John Weiss	do	]
239	do	C. Allen	do	
240	do	T. A. McCracken	do	
241	do	W. E. Leigh	do	
242	do	wm. Case	do	]
243	do	I. H. Gordon	do	]
244	do	W. E. Yount	do	]
245	do	W. H. Gray	do	
$^{246}$	do	E. F. Lyons	do	
247	do	A. G. Guard	do	
248	do	J. B. Salliday	do	
249	do	M. Leigh	do	
250	do	J. M. Herriott	do	]
251	do	M. Hudson	do	]
252	do	Wm. Case I. H. Gordon W. E. Yount W. H. Gray E. F. Lyons A. G. Guard J. B. Salliday M. Leigh J. M. Herriott M. Hudson T. P. Lyons J. B. Henderson C. C. Gordon G. M. Seeber	do	]
253	do	T. P. Lyons J. B. Henderson C. C. Gordon G. M. Seeber H. I. Nelson A. H. Grindley J. H. Umbanhowar J. W. Anderson D. W. Shiveley W. W. Meyers G. F. Diefenbach C. A. Fogel W. C. Welch W. D. Rohl E. R. Canady John McCullough David Wilkins George Herriott H. J. Moorehouse. T. M. Ghere. W. F. Hampton I. H. Besore. W. H. Frame W. J. Wilson Mrs. I. Ellrod F. W. Howell D. S. Herriott John Godsell Pearl Hazen R. S. McInnes.	do	
254	do	C. C. Gordon	do	:
255	do	G. M. Seeber	do	١.
256	do	H. I. Nelson	do	
257	do	A. H. Grindley	do	
258	do	J. H. Umbanhowar	do	1
259	do	J. W. Anderson	.do	1
260	do	D. W. Shiveley	do	
261	do	W. W. Meyers	do	
262	do	G. F. Diefenbach	do	
263	do	C. A. Fogel	do	١ ,
264	do	W. C. Welch	do	-
265	do	W. D. Rohl	do	
266	do	E R Canady	do	,
267	do	Tohn McCullough	.do	;
260	do	David Willring	do	۱ '
260	uo	Gaorga Harriott	do	١.
208 270	do	H T Moorehouse	do	1 :
21U 271	40	T M Chara	do	1
270	uo	W F Hampton	do	
279	uo	Т Б Возого	uo,	. ]
274	uo	W H Frame	-do	
275	uo	W. El. Flame	[ao	١,
270	uo	Mrs. T. Ellasd	uv	}
277	uo	D W Howell	uv	
270	o	P. W. HOWell	uo	١.
618	qo	D. S. Herriott	-:ao	1 1
4/9	do	John Godsell	00	Ι.
48U	ao	John Godsell Pearl Hazen R. S. McInnes S. Guinn F. H. Busey W. Davis L. F. Lindsey G. W. Van Meter Frank Knox J. E. Haney J. M. Smith Cora Stacker J. C. Anderson	ao	1 1
185	ao	n. o. McInnes.		
282	ao	o. Guinn.		١.
483	ao	r. H. Busey	qo	-
284	do	w. Davis	do	
485	do	L. F. Lindsey	ao	
86	do	g. w. Van Meter	ao	2
287	do	Frank Knox	ao	]
288	do	J. E. Haney	ao	1
289	do	J. M. Smith	do	
290	do	Cora Stacker	do	]
291	do	J. C. Anderson. J. F. Hoy. C. J. Gillespie B. Jordan	do	
292	do	J. F. Hoy	do	
293	do	C. J. Gillespie	do	]
294	do	B. Jordan	do	
295	do	D. A. Silver L. P. Rayburn H. Buhs	do	
296	do	L. P. Rayburn	do	
297	do	H. Buhs	do	
298	. do.	E. Grove	do	1
299	. do	Len Rayburn	do	. 1
300	do.	H. C. Kaufman	_do	
301	do	George Schiff	_do	
302	do	C. Ross	do	
102	do	H. Buhs E. Grove Len Rayburn H. C. Kaufman George Schiff C. Ross Lou Creiger N. Hahn H. Wascher S. Herriott	do	1
	uv	N Hohn	do	1
304				
304 305	do	H. Wascher	do	1

o.	Date.	To whom.	For what.	Amou
	1912.	R. T. Lumsden. T. F. Jordan Augusta D. Evans H. A. Winter H. G. Russell J. P. Stout. A. W. Stoolman. J. L. Edmonds Paul Hansen O. E. Staples, Chief Clerk Himebaugh & Brown C. W. Malcolm F. Q. Dufour A. B. McDaniel Otto Rahn E. Davenport Dallenbach Brothers The Milk Reporter J. M. Lindgren Flora Telephone Co Ernst Legler Otto Harn W. H. Handschin F. W. Tanner How The Handschin F. W. Tanner Holling F. Saxton H. W. Mumford W. F. Handschin F. W. Tanner O. E. Staples, Chief Clerk Olive F. Saxton The Taylor Hardware Co W. H. Hand John W. Moore Egyptian Packing Co Emerson Electric Mfg. Co Electric Appliance Co Ottawa Silica Co Frank S. Betz Co, Inc. Henry Heil Chemical Co. Champaign Gas & Electric Supply Co. A. J. Nystrom & Co Munhall Printing House L. C. Smith & Bros. Typewriter Co Library Bureau Swartz Electric Shop Harvard Apparatus Co Flat Iron Store Co Kimble Glass Co Bit & Spur A. H. Barber Creamery Supply Co. The Breeder's Gazette E. T. Benjamin G. E. Amsbary Rural Manhood R. F. Hildebrand State Journal Co Thurman Vacuum Cleaner Co The Standard Co Drover's Telegram Co Lous Ely & Co The Brandard Co Thurman Vacuum Cleaner Co The Standard Co Thurman Vacuum Cleaner Co The Dalackboard Co Rand McNally & Co J. C. Allen F. C. Hubbard A. Merican Blackboard Co Rand McNally & Co J. C. Allen F. C. Hubbard A. Merican Blackboard Co Che Phelps Publishing Co C. H. Hanson	35'11	
307	Nov. 20	R. T. Lumsden	Milk	\$ 28
308	00	T. F. Jordan	Expanses	120
210	uo	H A Winter	do Expenses do Expenses and services Dearment on contract Expenses	44
311	do	H. G. Bussell	Expenses and services	1 12
312	do	J. P. Stout	-do-	21, 140 34 20
313	do	A. W. Stoolman	Payment on contract	21. 140
314	do	J. L. Edmonds	Expenses	34
315	do	Paul Hansen	. do Freight Express Sundry bills Students' payroll Books Expenses	20
316	Nov. 21	O. E. Staples, Chief Clerk	Freight	167 67 278
317	do	O. E. Staples, Chief Clerk	Express	67
818		O. E. Staples, Chief Clerk	Sundry bills	972
179	u0	U. E. Staples, Uniei Cierk	Books payron	19
221	do. 22	C W Moleolm	Evnances	17
22	oh	F Ω Dufour	do	18
323	do	A. B. McDaniel	do	17
24	do	Otto Rahn	Supplies	1 7
25	do	E. Davenport	Expenses	68
326	do	Dallenbach Brothers	Meat.	68
327	do	The Milk Reporter	Subscription	ļ j
28	do	J. M. Lindgren	Analyses	75
29	do	Flora Telephone Co	Service	1 18
30	do	Ernst Legfer	Expenses	75
31	do	Otto Harrassowitz	do	21
32	do	R. Freidlander & Son	do	25 25 14 334
33	do	H. W. Mumford	Expenses	] _6
34	do	W. F. Handschin		14
335	do	F. W. Tanner		300
300		O. E. Staples, Uniei Cierk	Penfel	334
100	uo	Who Worder Hordword Co	Rental Copper Expenses Rye, etc. Barrels and storage Coil Electrical supplies	178 54 188
200	Nov 99	W H Hardware Co	Expenses	173
100	do Zo	Tohn W. Moore	Dva oto	3
241	do	Egyptian Packing Co	Barrals and storage	18
42	do	Emerson Electric Mfg. Co	Coil	100
43	do	Electric Appliance Co	Electrical supplies	10
344	do	Ottawa Silica Co	Sand. Plates Thermometers. Carbons.	1 7
45	do	Frank S. Betz Co. Inc	Plates	1 7
346	do	Henry Heil Chemical Co.	Thermometers.	12
347	do	Champaign Gas & Electric Supply Co	Carbons	
348	do	A. J. Nystrom & Co	Map	1 3
49	do	Munhall Printing House	Map. Printing Balance due.	12 12 13 14 14 14 14 18 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18
350	do	L. C. Smith & Bros. Typewriter Co	Balance due	17
351	do	Library Bureau	Cards, etc	40
52	do	Swartz Electric Shop	Electrical supplies	2
553	do	Harvard Apparatus Co	Laboratory supplies	98
504		Flat Iron Store Co	Snades	1 13
500		Dit & Coun	Gubanintian	2
57	uo	A H Barbar Croomovy Supply Co	Supplies	
50	do	The Breeder's Gerette	Subscription and outs	1 1
59	do	E. T. Benjamin	Shoes	1 7
60	do	G. E. Amsbary	Balance due Cards, etc Electrical supplies Laboratory supplies Shades. Glassware Subscription Supplies Subscription and cuts Shoes Bran Subscription Subscription Subscription Subscription Subscription	12
61	do	Rural Manhood	Subscription	.]
62	do	R. F. Hildebrand.	Photographs	.) 1
63	do	State Journal Co	Photographs Subscription Labor and material Scales Subscription .do Painting Subscription Apparatus Ammonia Prints Subscription Pager etc Gravel Blackboard Maps	1
64	do	Thurman Vacuum Cleaner Co	Labor and material	4 21
65	do	The Torsion Balance Co	Scales	21
66¦	do	The Standard Co	Subscription	
67	do	Drover's Telegram Co	do	1 .
68	do	Louis Ely & Co	Painting	1 10
69	do	The Science Press	subscription	2
70	qo	L. F. Nails	Apparatus	• 110
71	oo	The National Ammonia Co	Aminonia	2
72	uo	The Curtis Bublishing Co	Cubsorintion	2
74	uo	Figur Groser Co	Paper ata	1 :
75	uo	Stings & Marker	Graval	2
76	do	The American Blackboard Co	Blackhoard	1 %
77	do	Rand McNally & Co	Mans	1 1
721	do	I C Allen	Maps. Prints Sweet corn, etc. Subscription	1 1
70	do	F. C. Hubbard	Sweet corn etc	1 1
80	do	American Veterinary Review	Subscription	1 1
81	do.	J. M. Kaufman & Co	Grip.	
82	do	The Chicago Live Stock World	Grip. Papers. Beef scraps, etc. Subscription.	19
22	do	Champaign Seed Co.	Beef scraps, etc.	1 19
			10 1 2 2 2	1 *
84	do	The Phelps Publishing Co	Subscription	1

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000	1912.	Harris & Mead Hektograph Mfg. & Dup. Co. C. H. Hanson. C. J. Welch. Corbin Cabinet Lock Co. National Engraving Co. J. Bishop & Co. Platinum Works. The Linde Air Products Co. Eimer & Amend. S. E. Huff & Co. Hoskins Mfg. Co. Hiland Brothers. C. E. Bonner Mfg. Co. Champaign & Urbana Water Co. Scott Valve Co. Machinery. American Drafting Machinery Co. Chas. Mollet. Freeman & Brooks. Kinsey & Mahler Co. J. G. Biddle. Jahn & Ollier Engraving Co. Electric Coal Co. The Foley Mfg. Co. P. Adams. J. B. Bennett. Geo. Banta Publishing Co. Spring Brothers. Jolly-Wieland & Richardson Co. Anson Northrup. Rinehart Hardware Co. H. A. Aldrich & Co. H. Swannell & Son. American Radiator Co. Little Brown & Co. The Clary Book Co. The Clary Book Co. The Clary Co. Statute Law Book Co. The Carswell Co. Breitkopf & Hartel. Bennett's Magazine Agency Ernst Hertzberg & Sons. J. S. Dunnigan, Clerk Joseph McDonough Co. Link Belt Co. Kent Mill Co. Traylor Engineering & Mfg. Co. American Institute of Mining Engineers. J. S. Dunnigan, Clerk Joseph McDonough Co. Link Belt Co. Kent Mill Co. Traylor Engineering & Mfg. Co. American Institute of Mining Engineers. J. S. Dunnigan, Clerk Joseph McDonough Co. Link Belt Co. Kent Mill Co. Traylor Engineering & Mfg. Co. American Institute of Mining Engineers. J. S. Dunnigan, Clerk Joseph McDonough Co. Link Belt Co. Kent Mill Co. Traylor Engineering & Mig. Co. The Sinespring Grain, Coal & Lumber Co. H. P. Stinespring Grant Carpenter. Chicago Fireproof Storage Warehouse. S. D. Childs & Co. The Hill & Griffith Co. The Hill & Hill & Griffith Co. The Hill & Hill & Griffith Co. The Hill &		
380	Nov. 23	Harris & Mead	Candles	\$ 6 7 1 41 10 1 28 7 2 74 4 16
388	o	C H Hanson	Plates	1
389	do	C. J. Welch	Concrete work	41
390	do	Corbin Cabinet Lock Co.	Keys.	10
91	do	National Engraving Co	Half-tone.	1
92	do	J. Bishop & Co. Platinum Works	Electrodex	28
93	do	The Linde Air Products Co	Oxygen	7
94	do	Eimer & Amend	Sulfate	2
90	do	S. E. HUII & CO	Panaira	14
97	do	Hiland Brothere	Lead and oil	16
98	do	C. E. Bonner Mfg. Co.	Wrench	6
99	do	Champaign & Urbana Water Co	Water	66
00	do	Scott Valve Co	Valves	12
01	do	Machinery	Books	2
02	do	American Drafting Machinery Co	Table	25
03	do	Chas. Mollet	Labor and material	9
04	do	Freeman & Brooks	do	22
OP	do	Kinsey & Mahler Co	Metal.	900
00	do	J. G. Biddle	Half tone and diament	66 66 12 2 25 9 22 4 229 11 54
08	uv	Flactric Cool Co	Cool	11
na	uo	The Foley Mfg. Co.	Soch	24 24
10	do	P Adams	Unloading coal	. 11
ŭ	do.	J. B. Bennett	Sewer pipe, etc.	925
12	do	Geo, Banta Publishing Co.	Copies	40
13	do	Spring Brothers.	Seed	40 12 20 5
14	do	Jolly-Wieland & Richardson Co	Hardware	20
15	do	Anson Northrup	Prints	5
16	do	Rinehart Hardware Co	Hardware	5 4 13 9 28 4 7 13 112 44
17	do	H. A. Aldrich & Co	Lumber, etc	13
18	do	H. Swannell & Son	Milk, etc	9
19	do	American Radiator Co	Flue	28
20	do	Little Brown & Co	B00k	4
21	do	The Chicago Legal News Co	Blanks	7
22	do	Statute Law Book Co	BOOKS	110
20	do	Colleghon & Co	do	112
25	do	The Corewell Co	do	91
26	do	Braitkonf & Wartal	Rook	1
27	do	Bennett's Magazine Agency	do	5
28	do	Ernst Hertzberg & Sons	Binding.	603
29	do	J. S. Dunnigan, Clerk	Report	3
30	do	Joseph McDonough Co	Book	$^{2}$
31	do	Link Belt Co	Carrier equipment	474
32	do	Kent Mill Co	Screens	250
33	do	Traylor Engineering & Mfg. Co	Classifiers	120
34	do	American Institute of Mining Engineers.	Copies	11
55	do	J. B Lippincott Co	Book	21 1 5 603 3 2 474 250 120 11 4 54 8 8 4 500
27	do	Bryan-Marsh Electric Works	Supplies	54
32	do	Medari Fatent Pulley Co	Directory	8
30	do	Makay & Poogua Agenta	Directory	£00
40	do	Bradner-Smith & Co	Paner etc	11
41	do	The S. Obermayer Co.	See coal facing	3
42	do	Sheldon Brick & Building Supply Co	Fire clay	11 3 12 7 3 531 47
43	do.	E. P. Reichhelm & Co	Tools.	-7
44	do	The Hill & Griffith Co	Brush	3
45	do	The Hartsburg Grain, Coal & Lumber Co.	Lumber, etc.	531
46	do	H. P. Stinespring.	Meal	47
47	do	Grant Carpenter	Livery	3
48	do	Chicago Fireproof Storage Warehouse	Storage	4 22
49	do	S. D. Childs & Co	Covers	22
50	do	H. F. Chester.	Services	50 10
51	NOV 25	John H. Doyle	Hardware	10
52		T II Sargant & Co	T aboratory Supplies	114
54	uo	The Seffell Co	Hardware etc.	334 104
55	uo	Paroival & Moorahaad	do	104
56	do	The Burr Co	do	503
57	do	The Alexander Lumber Co	Lamber, etc.	48
58	- do-	Julius Andrae & Sons Co	Supplies	5
59	do	Hunter Rourke & Co	Lumber, etc.	57
60	do	M. G. Kibbe	Hardware.	2
61	do	Bausch & Lomb Optical Co	Laboratory apparatus	81
62	do	Bausch & Lomb Optical Co.  H. W. Johns-Manville Co.  G. W. Sheldon & Co.  Chivers Book Binding Co.	Laboratory apparatus	104 19 293 48 5 57 2 81 7
63	do	G. W. Sheldon & Co	Fees and charges	- 38
		Chiana Dania Din din a	Poolen	3

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	1912.			
465	Nov. 25	The Miller Harness Co	Harness, etc. Valves, etc. Furnituredo Dry goods. Safe and supplies. Glass and drugs. Hardware. Supplies	\$ 18 76 60 245
$\frac{466}{467}$	do	Crane Co Illinois State Penitentiary Illinois State Penitentiary	Valves, etc.	76
$\frac{407}{468}$	do	Illinois State Penitentiary. Illinois State Penitentiary. Illinois State Penitentiary. F. K. Robenson. Twin City Printing Co. Knowlton & Bennett The Chas. A. Hall Hardware Co. James B. Clow & Sons. Champaign Steam Laundry. T. J. Colvin. A. C. McClurg & Co. Pyrene Co. General Electric Co. A. Barr. Met ler & Schafer Co. Mittendorf & Kiler. Standard Oil Co. John H. Doyle. Illinois State Reformatory. Zercher & Hurley. Central Electric Co. Twin City Electric Co. Twin City Electric Co. Twin City Electric Co. The Doyle Sheet Metal Works Twin City Ice & Cold Storage Co. The Boston Book Co. Underwood Typewriter Co., Inc. The Urbana Courier Co. C. J. Welch. Weston Electrical Instrument Co. F. M. Leslie. F. W. Woolworth & Co.	rurmture	00
400 460	do	F E Pohonson	Dry goods	1 245
470	do	Twin City Printing Co	Safe and supplies	33 46 27 8 351 32 24 53 110 553 21
471	do	Knowlton & Bennett	Glass and drugs	27
472	do	The Chas. A. Hall Hardware Co	Hardware	8
473	do	James B. Clow & Sons	Supplies	351
474	do	Champaign Steam Laundry	Laundry work	32
475	do	T. J. Colvin	Meat	24
476	do	A. C. McClurg & Co	Books	53
477	do	Pyrene Co.	Extinguishers.	110
470	do	A Porm	Sand	553
419	do	Met lor & Schofer Co	Groceries	21 51
481	do	Mittendorf & Kiler	Furnitura	51 348 69
482	do	Standard Oil Co	Oils	60
483	do	John H. Doyle	Hardware	69 20 721 6 88 13 12 170 41
484	do	Illinois State Reformatory	Printing	721
485	do	Zercher & Hurley	Repairs	6
486	do	Central Electric Co.	Electrical supplies.	88
187	do	Twin City Electric Co	Awnings and supplies	18
188	do	Twin City Roofing & Sheet Metal Works	Roofing, etc	12
189	do	Twin City Ice & Cold Storage Co	Ice	170
190	do	The Boston Book Co	Books	41
100 191	do	Underwood Typewriter Co., Inc	Express, etc.	]
102	do	The Urbana Courier Co	Congrete week	26 70
104	do	Wester Electrical Instrument Co	Concrete work	70
195	do	Weston Electrical Instrument Co.  F. M. Leslie. F. W. Woolworth & Co. R. C. Wagner & Son. C. H. Whall & Co. C. W. Whithall Vaughan's Seed Store. C. A. Barnhart. The Cedder Mfg, Co. Warwick Publishing Co. The Whitall Tatum Co. Warson Faulkner. Fuller & Fuller Co.	Books Express, etc Printing. Concrete work. Supplies and repairs. Frames and prints. Tumblers. Labor. Fibre	24 14
196	do	F W Woolworth & Co	Tumblers	19
496 497	do	R. C. Wagner & Son	Labor	
198	do	C. H. Whall & Co	Dator Fibre Platen Seeds Expenses Pangirs	19 7 4 16 2
199	do	C. W. Whithall	Platen	- 2
500	do	Vaughan's Seed Store	Seeds	7
501	do	C. A. Barnhart.	Expenses.	23
502	do	The Cedder Mfg. Co.	Repairs	1
503	do	Warwick Publishing Co.	Wâll chart	5
504	do	The Whitaker Paper Co	Paper	16
505	do	Whitall Tatum Co	Homeos	1
506	do	Warson Faulkner	Drugs, etc	. 5
507	do	Fuller & Fuller Co.	Chemicals	31
000	do	O. & C. Ry., Gas & Electric Co	Cubacointion	0.1
109	uo	The University of Unicago Press	do do	12
11	do	Gaylord Brog	Rinder	1
112	do	D. H. Lloyde	Stationery etc	127
13	do	Doubleday-Page & Co	Subscriptions	4
14	do	Dennison Mfg. Co	Tags.	â
15	do	Western Valve Co	Valves	ä
16	do	Detroit Flower Pot Co	Pots.	19
17	do	Goder-Heimann Co	Plants	22
18	do	The Denver Fire Clay Co	Laboratory supplies	16 16 12 12 12 19 22 20 9 4 4 18
19	do	Well Brothers	Lead	2
20	do	Foote Pieraon & Co.	Repairs	20
21	op	Whitall Tatum Cô Warson Faulkner Fuller & Fuller Co. U. & C. Ry., Gas & Electric Co. The University of Chicago Press. The Guide Publishing Co. Gaylord Bros. D. H. Lloyde. Doubleday-Page & Co. Dennison Mg. Co. Western Valve Co. Detroit Flower Pot Co. Goder-Heimann Co. The Denver Fire Clay Co. Weil Brothers. Foote Pieraon & Co. G. Brose Van Dort Co. Gregory Electric Co. Marshall Field & Co. Flora Lumber Co. The Varsity Print Shop Henry Green. The Garlock Packing Co. Green Engineering Co. R. E. Rhine. Crucible Steel Co. of America. Albert Wuesteman. Western Automatic Machine Screw Co.	Seeds. Expenses Expenses Repairs Wall chart Paper Paper Homeos Drugs, etc Chemicals Gas Subscription .do Binder Stationery, etc Subscriptions Tags Valves Pots Plants Laboratory supplies Lead Repairs Books Motor Supplies Lumber Printing Apparatus Packing Machinery supplies Copying list Steel Watch Screws Camera supplies Laboratory supplies Camera su	45
22	op	Marshall Field & Co	Supplies	47
20	do	Flore Lumber Co	Limber	21
25	do	The Versity Print Shop	Printing	2)
26	do	Henry Green	Apparatus	5
$\tilde{27}$	- do-	The Garlock Packing Co	Packing	2.5
28	do	Green Engineering Co	Machinery supplies	22 355
29	do	R. E. Rhine	Copying list.	2
30	do	Crucible Steel Co. of America	Steel	2 65
31	do	Albert Wuesteman	Watch	6
32	do	Albert Wuesteman. Western Automatic Machine Screw Co	Screws	6
33	do	Cunningham Brothers	Camera supplies	161
34	do	Woldenberg & Schaar	Laboratory apparatus	161 72 60
35	do	American Steam Gauge & Valve Mfg. Co.	Gauges, etc	60
36	do	Jacob White	Labor	158 49
37	do	Western Automatic Machine Screw Co. Cunningham Brothers Woldenberg & Schaar American Steam Gauge & Valve Mfg. Co. Jacob White. Flanigan-Pearson Co. Green Street Pharmacy. W. Lewis & Co. W. W. Walls & Co. Western Carbon & Ribbon Co. Walker & Mulliken Creamery Package Mfg. Co.	Printing, etc	49
38	do	Green Street Pharmacy	Drugs, etc	4
39	do	W. Lewis & Co	Dry goods	21
40	do	W. W. Walls & Co	Lumber, etc	228 11
41	ao	w estern Carbon & Ribbon Co	Typewriter supplies	11
	do	waiker & Mulliken	Furniture	274 13
942				

To.	Date.	To whom.	For what.	Amou
	1912.			
7544	Nov. 25	G. C. Willis	Dry goods Fittings, etc	\$ 37
7545		Reliable Plumbing & Heating Co	Fittings, etc.	204
7546	do	The University of Illinois Supply Store	Stationery, etc	191
1941 7540	do	D. H. Lloyde P. Adams D. M. Sims T. J. Burrill D. A. Abrams C. C. Adams	Houling	134
7540	do	D M Sime	Grading and hauling	116
7550	do	T. J. Burrill	Monorarium	250
7551	Nov. 30	D. A. Abrams	Salary, November, 1912.	250 133
7552	do	C. C. Adams	do	137
000	uo			000
7554	do	W. C. Allen	do	120
7555	do	C. H. Allen C. W. Alvord I. F. Anderson S. O. Andros	do	30
/000 7557	do	U. W. Alvord	do	145
1001 7550	do	S. O. Andres	do	208 150
7559	do	June M. Ashley	do	30
7560	do	Buth S. Atwell	.do	60
7561	do	G. D. Baglev	Scholarship, November, 1912	25
7562	do	W. C. Bagley	Salary, November, 1912	291
7563	do	Margaret L. Bailey	Fellowship, November, 1912	50
7564	do	W. H. Bair	Salary, November, 1912	50
7575	do	I. O. Baker	do	333
1566	do	C. W. Alvord L. F. Anderson S. O. Andros June M. Ashley Ruth S. Atwell G. D. Bagley W. C. Bagley W. C. Bagley Margaret L. Bailey W. H. Bair I. O. Baker R. E. Baker E. C. Baldwin C. W. Balke Bronsa Barlow Panzy Barger J. T. Barrett H. H. Bartells P. S. Barto H. J. Bartells P. S. Barto Barton Edward Bartow S. J. Bates P. J. Batkin W. S. Bayley G. D. Beal J. H. Beard J. H. Beard J. H. Beard J. H. Beard J. B. Beck J. E. Bell B. W. Benedict Madison Bentley E. J. Berg Daisy L. Blaisdell D. S. Blondheim Leonard Bloomfield B. H. Bode E. L. Bogart G. P. Boomsliter Ethel Bond R. L. Borger C. V. Boyer R. O. Brigham Alice D. Brooks Morgan Brooks N. C. Brooks V. A. Buchen		30
(007 7560	do	E. C. Baldwin		150 183
7560	do	Propos Porlow	do	50
757N	do	Pangy Rargar	do	30
7571	do	I T Barrett	do	58
7572	do	H. H. Bartells	do	50
7573	do	P. S. Barto	do	100
7574	do	H. J. Barton	do	250
7575	do	Edward Bartow	do	291
7576	do	S. J. Bates	do	100
7577	do	P. J. Batkin	do	40
7578	do	W.S. Bayley	do	187
(5/9	qo	G. D. Beal		120
/ 00U 7501	do	J. H. Beard		120 166
7529 7529	do	T TO BALL	do	60
7523	do	R W Renedict	do	29
7584	do	Madison Bentley	do	250
7585	do	E. J. Berg.	do	333
7586	do	Daisy L. Blaisdell	do	100
7587	do	D. S. Blondheim	do	116
7588	do	Leonard Bloomfield	do	120
1589	ao	B. H. Bode	do	250
759U	do	E. L. Bogart	00	250
7500	do	Ethal Rond	do	130
7593	do	R L Borger	do	12
7594	do	C. V. Bover	do	120
7595	do	R. O. Brigham	.do	60
7596	do	Alice D. Brooks	do	30
7597	do	Morgan Brooks	do	250
598	do	N. C. Brooks	do	200
599	do	Verna Brooks	do	80
000	do	Elizabeth P. Brush		80
7600	do	J. M. Bryant W. A. Buchen A. M. Buck	do	188 110
7602	do	Μ Riick	do	150
7604	do			111
7605	do	W. E. Burge L. V. Burton A. S. Buyers	do	16
7606	ldo	L. V. Burton	do	. 30
		A. S. Buyers	do	12
7608	do	A. S. Buyers. H. V. Canter. A. P. Carman D. H. Carnahan. F. W. Carpenter.	do	166
7609	do	A. P. Carman	do	333
7610	do	D. H. Carnahan	do	208
1011	ao	F. W. Carpenter		160
7612 7619	ao	G. E. Carscallen	do	100
7614	l do	IE W Chittenden	1 do	1 120
7616	40	IC R Clark	1 40	1 166
7617	l do	IK A Clark	l do	1 30
7619	l do	III A Clark	l do	1 416
7619	do	L. D. Coffman	do	.1 250
7620	l do	Alexander Cohn	do	1 16
7621	do	A. C. Colle.		130
	1 00	Vida L. Collins	ao	. 90

No.	Date.	To whom.	For what.	Amou
	1912.	H. W. Colson A. F. Comstock H. P. Corson F. K. Cowley Jennie A. Craig A. R. Crathorne H. L. Creek B. H. Crowder W. E. Cummins Florence R. Curtis A. H. Daniels Juanita E. Darrah R. E. Davis B. S. Davisson W. B. Day E. H. Decker J. A. Dent W. W. Denton C. G. Derick E. R. Dewsnup J. K. Ditchy W. F. Dodd D. K. Dodge G. W. Dowrie F. K. W. Drury F. O. Dufour J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn R. A. Dutcher H. S. Bames W. C. Eals B. L. Ficher W. E. Esle W. F. Essle W. F. Essle W. F. Essle W. E. Esle W. F. Essle W. F. Essle W. F. Essle W. F. Essle W. E. Esle Bernard Fantus E. N. Fargo		
7623	Nov. 30	H. W. Colson	Salary, November, 1912	\$100 180 100 120
7624	do	A. F. Comstock	do	180
7020	do	H. P. Corson	do	100
7627	do	F. K. Cowley	do	120
7628	do	A P Crathorno	do	75 141 120 15 15 110 300
7629	do	H I Crook	do	191
7630	do	B H Crowder	do	15
7631	do	W. E. Cummins	-do	15
7632	do	Florence R. Curtis	do	110
7633	do	A. H. Daniels	do	300
7634	do	Juanita E. Darrah	do	10
7635	do	R. E. Davis	do	100
7636	do	B. S. Davisson.	do	50
7690	do	W. B. Day	do	10 100 50 208
7620	do	E. H. Decker	do	250
7640	do	W W Donton	do	150 120
7641	do	C G Derick	do	141
7642	do	E. R. Dewsnup	do	250
7643	do	J. K. Ditchy	do	250 166 250 90
7644	do	W. F. Dodd	do	166
7645	do	D. K. Dodge	do	250
7646	do	G. W. Dowrie	do	90
7647	do	F. K. W. Drury	do	166 166
7648	do	F. O. Dufour	do	166
7649	.:do	J. C. Duncan	do	229
1050	ao	J. M. Duncan	ao	90 10 55
7650	ao	R. S. Dunnam	do	1(
7653	uo	Famile Dumap	do	01
7654	do	R A Dutcher	do	60
7655	do	H. S. Eames	do	50 130 50 100 60 150
7656	do	W. C. Eals	Fellowship, November, 1912	50
7657	do	B. L. Ficher	Salary, November, 1912	100
7658	do	W. E. Ekblaw	do	60
7659	do	Frederick Ellis	do	150
7660	do	Arnold Emch	do	166
7661	do	M. L. Enger	do	166
7002	do	E. W. Engle	do	30
7664		Tohn A Fairles	00	120
7665	do	Romand Fantus		200
7666	do	R N Forgo	do	50
7667	do	S. P. Farwell	.do	140
7668	do	E. C. Faust	do	60
7669	do	Mary E. Fawcett	do	166
670	do	Winifred Fehrenkamp	do	70
671	do	Emma Felsenthal	do	75
672	do	H. F. Ferguson	do	60
073	do	E. E. Flero	do	45
675		T XV Trials	00	100
676	do	T D Fitz Carold II	do	200
677	do.	E. B. Flanigan	do	200 90
778	do	F. L. Fleener	do	166 30 122 250 50 140 60 166 70 75 60 45 166 120 208 80
679	do	V. R. Fleming	do	12
680	do	C. H. Fletcher	do	15
681	do	G. T. Flom	do	208
682 .	do	J. W. Folsom	do	12 15 208 166
683	do	S. A. Forbes	do	41
084	do	G. G. Ford	do	250 91
600	uo	J. A. Frisk		91 175
000 .	-uo	T W Corner		020 T19
688	do	N. B. Garver	do	250 150
689	.do	E. N. Gathercoal	do	100
690	do	H. L. Gill	do	175 250 150 100 200 30 60 10
691	do	C. E. Gillett.	do	30
692	do	Hugh Glasgow	do	60
693	.do	M. L. Enger E. W. Engle N. E. S. Ensign John A. Fairlee Bernard Fantus R. N. Fargo S. P. Farwell E. C. Faust Mary E. Fawcett Winifred Fehrenkamp Emma Felsenthal H. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. G. Ford J. A. Frisk Edward Fulton I. W. Garner N. B. Garver E. N. Garver E. N. Garver E. N. Garver E. N. Gall E. C. E. Gillett Hugh Glasgow E. A. Glonz H. F. Gonnerman G. A. Gooden H. F. Gooden	do	10
694	.do	H. F. Godeke	do	120
695	do	Julius Goebel	do	270
696	do ]	H. F. Gonnerman	do	120
697	do	g. A. Goodenough	do	270 120 250 100 90 500 133
098	go	r. M. Goodman	do	100
099	. qo	L. G. GOOGWIN		90

No.	Date.	To whom.	For what.	Amou
	1912.			
7702	Nov. 30	Bessie R. Green Frederick Green E. B. Greene T. M. Guild J. E. Gutberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale R. G. Hall L. G. Hana Paul Hansen Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. F. Hinds	Salary, November, 1912	\$ 60
7703	do	Frederick Green		291 187 1 125 60 80 141
7705	do	T M Child	do	186
7706	do	I E Gutherlet	do	1 60
7707	do	Alta Gwinn	do	80
7708	do	G. C. Habermeyer	do	14
7709	do	H. F. Hadley	Fellowship, November, 1912	50
7710	do	Stella M. Hague	Salary, November, 1912	80 120 250 30
7711	do	H. G. Hake	do	120
7712	do	W. G. Hale		250
7714	do	L. G. Hana	do	170
7715	do	Paul Hansen	do	250
7716	do	Sada Harbarger	do	90
7717	do	A. A. Harding	do	150
7718	do	O. A. Harker	do	170 250 90 150 333 233
7719	do	E. C. Hayes	do	233
7720	do	C. M. Hebbert	do	60
7721	do	G. W. Heitkamp	00	40
7793		W S Handriv	do	50 85
7724	do	Margaret Herdman	_do	7.
7725	do	R. W. Hess	do	30
7726	do	C. K. Hewes	do	50
7727	do	C. K. Hewes Ralph Hilscher M. E. Hinds. Wilhelm Hirshkind Jacob Hodnefield. M. A. Hollinshead. H. A. Hollinshead. H. A. Hollinshead. H. A. Hollinshead. H. A. Hollinshead. J. W. Hornbeak. C. F. Hottes. H. A. Houston J. E. Huber M. L. Husnink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James. L. V. James.	do	40
7728	do	Ralph Hilscher	do	100
7729	do	M. E. Hinds	do	60
7730	do	Wilhelm Hirshkind	do	1 80
7720		M A Hellingheed	do	77 30 50 40 100 60 80
7733	do	H A Hollister	do	229 60
7734	do	E. E. Hollman	_do	60
7735	do	B. R. Honovski	do	60 120
7736	do	B. S. Hopkins	do	120
7737	do	J. W. Hornbeak	do	100 208
7738	do	C. F. Hottes	do	208
7739	do	H. A. Houston	Fellowship, November, 1912	50
7741	do	J. E. HUDEr	Solory November 1012	25 50 250 100
7749	do	C A Huff	do	950
7743	do	R. K. Hursh	do	100
7744	do	Margaret Hutchins	do	75
7745	do	Edmund J. James	do	1,000 1,000 130 37 170
7746	do	L. V. James	do	130
7747	do	C. E. Janyrin	do	37
7748	do	McEiroy Jonnston	00	170
7750	do	In S. V. Jones	do	110
7751	do	I. T Tongs	do	85
7752	do	Ralph Jones	.do	110 85 90 160
753	do	R. C. Jones	.do	160
7754	do	R. T. Jones	do	140
755	do	H. H. Jordan	do	140 100 100
756	do	J. C. Jordan	do	100
757	do	Emma R. Jutton		100 100 100 60 100
758	oo	J. D. Kalser Oliver Vernm	do	100
7760	do	Eleanor G. Karsten	do	100
761	do	C. F. Kelley	do	130
7762	do	J. M. Kellog	do	140
7763	do	Ruth Kelso	do	80
7764	do	Ernst_Kessler	do	. 60
765	do	A. J. Kempner	do	130
700	do	K. E. Kennedy		140 80 60 130 110
7760	do	Arthur Kiernen	do	60
7760	do	A. H. Kimball	.do	140
7770	do	S. F. Kimball	do	140 120 75
7771	do	Margaret L. Kingsburg	do	75
7772	do	David Kinley	do	500
7773	do	Florence M. Kirkup	do	100
7774	do	C. T. Knipp	do	208
7775	do	A. H. Koller		100
(776	do	A. F. Kratz	Scholarchin November 1010	75 500 100 208 100 100 25 140
7770	o	G. A. Huff. R. K. Hursh. Margaret Hutchins Edmund J. James. L. V. James. C. E. Janyrin McElroy Johnston H. S. V. Jones. Isabel Jones. L. T. Jones. Ralph Jones L. T. Jones. Ralph Jones. R. C. Jones. R. T. Jones. H. H. Jordan J. C. Jordan J. C. Jordan J. G. Jordan J. B. Kaiser Oliver Kamm Elmma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellog Ruth Kelso Ernst Kessler A. J. Kempner R. E. Kennedy V. A. Ketcham Arthur Kiernan A. H. Kimball Margaret L. Kingsburg David Kinley Florence M. Kirkup C. T. Knipp A. H. Koller A. P. Kratz A. O. Krey Jakbo Kunz Martha J. Kyle	Salary November 1912	25 140
7770		Jakho Kunz	do	208
		· · · · · · · · · · · · · · · · · · ·		120

No.	Date.	To whom.	For what.	Amou
<b>F</b> F01	1912.	E. J. Lake. Marion C. Landee. W. F. Langelier E. T. Lanham L. M. Larson H. H. Lauer T. E. Laying Eugene Leslie O. E. Lessing O. A. Leutwiler I. H. Lillehei F. C. Lincoln R. H. Linkins C. M. Linsley Simon Litman F. C. Loring.	G.I. 27 1010	0150
7781	NOA. 30	Morion C. Londoo	Salary, November, 1912	\$150 90
7783	do	W F Longolier	do	100
7784	do	E T Lanham	do	100 105
7785	do	L. M. Larson	do	216
7786	do	H. H. Lauer	do	216 150 30 10 233 200 90
7787	do	T. E. Laying	do	30
7788	do	Eugene Leslie	do	10
7789	do	O.E. Lessing	do	233
7790	do	O. A. Leutwiler	do	200
7791	do	I. H. Lillenei	do	1 100
7792		P. U. Lincoln		166 30
7704	do	C. M. Lingley	. do	91
7705	do	Simon Litmon	do	183 120
7796	do	F C Loring	do	120
7797	do	C A Ladwig	do	
7798	do	H. T. Lundquist	do	50
7798 7799	do	E. B. Lytle.	do	133
7800	do	Ellen S. McCarthy	do	133 120
7801	do	Lois D. McCobb	do	90 208 50 150
7802	do	A. B. McDaniel	do	208
7803	do	Rudolph McDermet	Fellowship, November, 1912	50
7804	do	D. F. McFarland	do Fellowship, November, 1912 Salary, November, 1912	150
7805	do	U. G. MCArtnur	Tallamakin Mamanakan 1010	190
7806 7807	do	A D MooGillivrov	Solory November 1019	900
7807	do	C. M. Linsley Simon Littman F. C. Loring. C. A. Ludwig. H. T. Lundquist E. B. Lytle. Ellen S. McCarthy Lois D. McCobb A. B. McDaniel Rudolph McDermet D. F. McFarland C. G. McArthur Wallace MacFarlane A. D. MacGillivray D. A. MacInnis C. W. Malcolm C. A. Maney E. J. Manley F. M. Mann F. W. Marquis O. R. Martin M. S. Mason	Fellowship, November, 1912 Salary, November, 1912do	150 30 208 120
7809	do	C. W. Malcolm	dodo Tellowship, November, 1912 Salary, November, 1912	150
7810	do	C. A. Maney	Fellowship, November, 1912	50
7811	do	E. J. Manley	Salary, November, 1912	77
7812	do	F. M. Mann	dodo	333 150 110
7813	do	F. W. Marquis	do	150
7814	do	O. R. Martin	do	110
7815	do	M. S. Mason	Felowship, November, 1912	50
7816	do	J. M. Mathews	Salary, November, 1912	138 208
7817	do	G. H. Meyer	do	208
7818	ao	E B. Millard	do	1,00
7819	do	C A Millor	do	250
7820	do	H W Miller	do	250 110 250 150
7822	do	R N Miller	do	3.5
7823	do	W. S. Miller	do	125
7824	do	C H. Mills.	do	125 125 208 130
7825	do	Brainerd Mitchell, Jr	do	130
7826	do	Margaret Mitchell	do	
7827	do	F. W. Mohlman	do	60 20 208
7828	do	N. C. Moore	. do	20
7829	do	H. F. Moore	do	110
7830	ao	O. H. Moore		110
7020		E W Morehy	do	120 120
7922	do	R C Morse	do	48
7834	do	W. E. Mosher	Fellowship, November, 1912	50
7835	do	C. M. Moss	Salary, November, 1912	250
7836	do	Gertrude Moulton	do	116
7837	do	C. F. Nelson	do	100
7838	do	W. S. Nelson	do	30 80 81
7839	do	Allan Nevins	do	80
7840	do	C. R. Newell	do	140
7841	ao	U. E. Noerenberg		140
7042	1do	Cotherine Oelze	do	71
7844	do	W A Oldfather	do	333 71 229
7845	do	H. L. Olin	do	50
7846	do	T. E. Oliver	do	208
7847	do	A. W. Owens.	do	208
7848	do	E. B. Paine	do	208
7849	do	L. G. Painter	do	120 80 291
7850	do	Rosalie M. Parr	do	80
7851	do	S. W. Parr	do	291
7852	do	Adah Patton	do	, 83
7853	qo	E J. Manley F. M. Mann. F. W. Marquis O. R. Martin M. S. Mason J. M. Mathews G. H. Meyer E B. Millard F. H. Millard G. A. Miller H. W. Moller H. More H. More H. More H. F. W. Mohlman H. F. Moore H. F. Moore H. F. Moore H. F. Moore H. W. Mosher H. F. Mosher H. Mosse H. W. E. Mosher H. Mosher H. Mosher H. Mosher H. Mosher H. Mosher H. Molson Halan Nevins H. Moyes H.		100
7055		T. C. Pandlaton	do	166 208 85 60 130 183 130
7000 7056	uo	Alvah Peterson	do	BI BI
7857	do	G. W. Pickels	do	130
7858	do	J. N. Pomerov.	do	188
			1	1 100

	Date.	To whom.	For what.	Amou
	1912.	F. M. Porter. R. S. Rotter. A. L. Prickett. D. C. Prince. G. H. Radenbaugh. Otto Rahn. O. A. Randolph. W. H. Rayner. J. W. Read. P. J. Rebman. E. J. Reese. F. W. Reed. P. F. Reiff. E. A. Rich. J. L. Rich. C. R. Richards. N. C. Ricker. N. L. Reitz. W. S. Robertson. M. H. Roblisson. C. W. Rolfe.		
7860	Nov. 30	F. M. Porter	Salary, November, 1912	\$130 50
7861	do	R. S. Rotter	do	50
7862	do	Anton Prasil	do	10
7863	do	A. L. Prickett	do,,	43
7864	do	D. C. Prince	Scholarship, November, 1912	25
7865	do	G. H. Radenbaugh	Salary, November, 1912	90
7866	do	Otto Rann	do	166 80 110
1001	αο	O. A. Randolph	ao	80
7000	do	W. H. Kayner	,00	110
7809	do	J. W. Kead	00	50 80 150 140 50 40 150 333 291
101U 7071	do	F. J. Rebman	do	150
1011 7070	do	E. J. Deese	do	140
1014	do	D E Doiff	do	140
7071	do	F. A. Diob	do	40
7075	do	T. T. Dieb	do	150
7976	do	C D Dichords	40	200
7977	do	N C Dieler	do	901
7878	do	N. I. Poits	do	150
7870	do	W S Poharteon	do	166
7880	do	M H Robinson	do	150 166 250
7881	do	C. W. Rolfa	do	250 250 60 120 60 80 166
7889	do	S. A. Rowland	do	AC AC
7883	do	H. O. Rugo	do	190
7884	do	George Rutledge	do	60
7885	- do	L. R. Sarrett	do	80
7886	l. do	T. E. Savage	do	166
7887	do	Olive F. Saxton	do	83
7888	do	S. H. Scherfee	do	30
7889	do	E. C. Schmidt	do	30 291 30
7890	do	H. F. Schneider	do	30
7891	do	Clarence Scholl	do	10
7892	do	W. S. Schultz	do	166 158
7893	do	G. F. Schwartz	do	158
7894	do	F. W. Scott	do	183
7895	do	D. L. Scroggin	do	183 120
7896	do	G. W. Sears	do	60 140
7897	do	F. B. Seelev	do	140
7898	do	R. S. Seese	Scholarship, November, 1912	25
7899	do	N. C. Seidenberg.	Salary, November, 1912	15
7900	do	A.R. Seymour	do	166
7901	do	J. B. Shaw	do	15 166 87
7902	do	Queen L. Shepherd	do	180 266 100
7903	do	S. P. Sherman	do	266
7094	do	G. A. Shook	do	100
7905	do.,	C. W. Sievert	do	10
(906)	do	S. L. Simmering	Fellowship, November, 1912	30 166 10
7907	do	Frances Simpson	Salary, November, 1912	166
1908	ao	G. E. Simpson	ao	10
7909	ao	C. H. Sisam	do	158 125
1910	ao	W. A. Slater		125
7010	ao	Adene C. Smith.		60
7012	o	Constance B. Smith	do	160
913	ao	G. M. SMIII	ao	133 208
7015	ao	Frank Simul	do	208
010		J. D. DIIIIIII	do.	125
7017	uo	U. H. SHILIII	do.	95 175 150
7010	uo	J. M. BHOUGIASS	do	170
7010	do	O O Stenlow	do	70
7020	do	O. O. Stalliey	do	104
7021	do	Sahra Stavane	do	104 55
7000	uo	D I Staward	do	130
1022	do	C. T. Stawart	do	130
7024	do	H H Stock	do	333 50 130
7025	do	T W Stokes	Followship November 1019	<del>0</del> 00
020	do	E R Stouffor	Salary November 1019	190
7027	do	Lillian Strong	do	50
7922	do	W G Stromanist	do	100
7020	do	P T Stall	do	100 200
7930	do	Horace Stunkard	do	30
7031 i	do	Emerson Suteliff	1 do	90
7929	do	C. R. Richards N. C. Ricker N. L. Reitz W. S. Robertson M. H. Robinson C. W. S. Robertson M. H. Robinson C. W. Rolfe S. A. Rowland H. O. Rugg George Rutledge L. R. Sarrett T. E. Savage Olive F. Saxton S. H. Scherfee E. C. Schmidt H. F. Schneider Clarence Scholl W. S. Schultz G. F. Schwartz F. W. Scott D. L. Scroggin G. W. Sears F. B. Seeley R. S. Seese N. C. Seidenberg A. R. Seymour J. B. Shaw Queen L. Shepherd S. P. Sherman G. A. Shook C. W. Sievert S. L. Simmering Frances Simpson G. E. Simpson C. H. Sisam W. A. Slater Adelle C. Smith J. E. Smith J. E. Smith J. E. Smith J. E. Smith J. H. Smith J. E. Smith J. H. Smith J. H. Simber Joel Stebbins Sabra Stevens R. K. Steward Lillian Strong W. G. Strong W. G. Strong W. G. Strong R. G. Strong R. G. Strong R. K. Steward C. L. Stewart H. H. Stoek J. W. Stokes E. B. Stouffer Lillian Strong W. G. Stronnquist R. T. Stull Horace Stunkard Emerson Sutcliff A. H. Sutherland A. N. Talbot F. W. Tanner S. C. Taylor W. H. Taylor H. R. Thomas C. M. Thompson	do	80 150 333
7033	do	A N Talhot	do	333
7934	do	F. W. Tanner	do	600 AA
7935	do	S C Taylor	do	60 25
7936	do	W. H. Taylor	do	60 60
7937	do	H. R. Thomas	Fellowship, November, 1912	60 50
		O M Thomasan	Solory November 1019	· 90

To.	Date.	D. G. Thompson. J. G. Thompson. Lambert Throp. A. J. Told. A. J. Tolgie. A. J. Todd. E. J. Townsend. L. L. Townsend. L. J. Van Cleave. H. J. Van den Berg. H. J. Van Zoeren. J. N. Vedder. C. G. Vrenier. E. H. Waldo. H. B. Word. E. H. Warneck. E. W. Washburn. F. R. Watson. H. C. P. Weber. N. A. Wels. N. Witten. E. A. Wildman. C. C. Willson. E. A. Williams. F. G. Willson. P. L. Windsor. R. M. Winger. W. J. Woller. P. S. Woodward. I. M. Wormser. A. B. Wright. Olao M. Wyeth. T. D. Yensen. Jacob Zeitlin. Charles Zeleny. H. F. Zoller. F. H. Adler. Josephine E. Burns. Margaret V. Cobb. Edna L. Forrey. D. L. Geyer. J. W. Good. E. O. Heuse. E. A. T. Kircher. P. A. Lehenbauer. N. H. McGreger. L. C. Mathewson. L. F. Nickell. A. W. Orcutt. A. F. Peine. C. F. C. Riley. Clarissa Rinaker. Irma E. Voigt. P. S. Welch. G. Y. Williams. Alt. W. Brown. D. M. Brumfiel. F. E. Clark. Jesse L. Conel. S. H. Cox. J. S. H.	For what.	Amou
	1912.			
939	Nov. 30	D. G. Thompson	Salary, November, 1912	\$ 40 160
940	do	J. G. Thompson	do	160
941	do	Lambert Throp	do	100
942		[A. J. 110]0	do	100 105 104 333 100 90
943	do	A. J. Todd	do	104
944	ao	E. J. Townsend	do	333
945	do	L. L. Townsend	do	100
946	do	Edna A. Treat	do	90
947		H. D. valentine	do	10 60 180 30 110
948		H. J. VanCleave	do	100
349	qo	H. J. van den Berg	do	180
JOU	qo	H. J. Van Zoeren	do	30
250 40T	do	J. N. vedder		110
102		C. G. Vrenier		291 166
100	do	E. H. Waldo		100
254		H. B. Word	do	333 50
955		E. H. Warner	ao	50
150	ao	A. R. Warnock	do	125
157	ao	E. W. Washburn	do	183
)58	do	F. R. Watson	do	125 183 200
159	ao	H. C. P. Weber	ao	200 150 208 229 125 333 60
160	do	N. A. Wells	do	208
161	ao)	N A. Weston	qo	229
62	do	Mary M. Wetmore	do	125
63	do	J. M. White	do	333
64	do	J. N. Whitten	do	60
65	do	E. A. Wildman	[do	30
966	do	C. C. Wiley	do	150
67	do	C. A. Williams	do	120
68	do	E. H. Williams	do	125
69	do	Mary E. Williams	do	50 30 150 120 125 85 160 250 120
970	do	F. G. Willson	do	160
71	do	P. L. Windsor	do	250
72	do	R. M. Winger	do	120
73	do	W. J. Wohlenberg	Fellowship, November, 1912	50
74	do	P. S. Woodward	Salary, November, 1912	35
75	do	I. M. Wormser	do	183
76	do	A. B. Wright	do	50
77	do	Olao M. Wyeth	do	75
78	do	T. D. Yensen	do	100
979j	do	Jacob Zeitlin	do	125
080	do	Charles Zeleny	do	208
981	do	H. F. Zoller	do	30
182	do	F. H. Adler	Fellowship, November, 1912	35 183 50 75 100 125 208 30 35 35
83	do	Josephine E. Burns	do	35
84	do	Margaret V. Cobb	do	30
85	do	Edna L. Forrey	do	35
86	ao	D. L. Geyer	do	35
87	do	J. W. Good	do	40
88	ao	E. O. Heuse	do	30 30 30
89	do	E. A. T. Kircher	do	30
90	ao	P. A. Lehenbauer	ao	30
91	ao	N. H. McGreger	áo	30 30 40
92	qo	L. C. Matnewson	do	30
93	ao	r. F. Mickell	ao	40
94	ao	A. W. Orcutt	ao	35
95	qo	A. F. Peine.	ao	30 35
96	go 9	J. F. C. Kiley		35
9/].	go 9	Jarissa Kinaker		35
ජර .	qo	urma r. Volgt		30
99 .	oo	F. D. Welch		35
UU.	op 9	A lies Diester	Cab alamahim Namanatan 1012	35 25
ΩĮ.		D. W. Descer	ochoraramp, movember, 1912	25 25
02	uo	D. W. Drown 601		25
(성)	o	D. M. Drummel	uo	25 25
04	uo	R. W. Brown. D. M. Brumfiel. F. E. Clark. Jesse L. Conel.		25 25
UD)	uo	E H Cox	do	
00	uo	F C Dowell	uv	25 25
00		D. M. Tradia	uv	<b>⊿</b> ∂ 95
US .	qo	Olo M. I. Eulyslaan		25 25
1091.		JIM IN. J. ESKEISOH		25
110	uo §	S. E. Fauquner		25 25
111	o	lesse L. Conel. S. H. Cox. E. S. Dowell D. T. Englis. Dia M. J. Eskelson S. E. Fanquher S. B. Fracker B. F. Goodman Sappho C. Graham Ruby M. Grimes I. S. Gutsell Mary A. Haan Homer Hall		25
112	go J	D. F. Goodman	00	25
113	ao	sappno C. Granam	ao	25
114	qo	Kuby M. Grimes	ao	25 25
15	do ]	s. Gutsell	do	- 25
116	aoi	Mary A. Haan	do	25
		LL amages TT a 11	do .	25

o.	Date.	A. C. Hanford William Hill C. E. Holley. Nellie M. Horner J. W. Howard P. W. Ivey. Gretchen Lutz. Janet MacDonald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottelman. Cornelia R. Seawell. Mary M. Spangler E. R. Spencer W. A. Swenson Lily B. Voegelein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley. Winifred L. Amos Ethel Ash. C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown Sarah E. Bryan Flora M. Case. Mary L. Blackwell Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton L. C. Demlow Edith Emigh R. I. Fieg. Frances M. Feind Viola Fraser Frances G. Garwood Antionette Goetz Elizabeth Good Mabel L. Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Josle B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Gertrude Keech J. H. Kelley Nora Kerwan Aurella Knapp Allia Lamb A. R. Lee Louise A. Lietz Stella Land C. M. McConn A. R. Lee Louise A. Lietz Stella Land C. M. McConn A. R. Lee Louise A. Lietz Stella Land C. M. McConn A. R. Lee Louise A. Lietz Stella Liese C. F. Miller L. Mae Maroy H. D. Outprofer Elizabeth C. Peel Thomas Peel	For what.	Am
	1912.			
018	Nov. 30	A. C. Hanford	Scholarship, November, 1912	\$
019	do	William Hill	do	
020	do	Nellie W. Homes		
021 021	do	Nellie M. Horner	00	
022 023	do	P W Tyoy	do	
024	do	Gretchen Lutz	do	
025	do	Janet MacDonald	do	
026	do	J. E. Miller	do	
027	do	Edna Mosher	do	1
028	do	J. B. Nathanson	do	
029	do	F. G. Norbury	do	
030	do	R. H. Nottelman	do	- 1
บอย กฎT	00	Cornella R. Seawell		
032 033	do	Mary M. Spangler	do	
000 034	uo	W A Swangan	do	
035	do	Lily B. Voegelein	do	,
036	do	Margaret Washington	do	
037	do	P. Q. Wright	do	
038	do	A. E. Zucker	do	
039	do	Lilla M. Alexander	Salary, November, 1912	
040	do	W. E. Alley	do	
J41	do	Winifred L. Amos	do	
142	do	Ethel Ash	do	_
743 744	oo	Work T. Plockwell	uo	1
145	do	Mary L. Blackwell	do	1
046		Tabitha I Broadhuret	do	
)47	do	Ina M. Brown	do	
048	do	Sarah E. Bryan	do	
049	do	Flora M. Case	do	1
050	do	Mary L. Blackwell	Salary, December, 1912	
)51	do	Miles Clements	Salary, November, 1912	
)52	do	C. C. Crawlord	do	_
)53	do	H. E. Cunningham	do	1
104	ao	C. E. Dalton	do	
วออ วรค	00	L. C. Demlow	do	
157	uo	P I Fior	do	
158	do	Frances M. Feind	-do	
)59	do	Viola Fraser	do	
)60	do	Frances G. Garwood	do	
)61	do	Antionette Goetz	do	
)62	do	Elizabeth Good	do	
)63	do	Mabel L. Griffith	do	
04	do	Carmen Harnack	00	
100	do	Eliza Hart	do	1
67	do	V. H. Havens	do	í
หล	uo	Murtle F Heater	do	-
69	do.	Josia B. Houchans	do	
70	do	A. H. Hill	do	1
7Ĭ	do	Katie L. Humrichouse	do	
72	do	Marie Jester	do	
73	do	Gertrude Johnson	do	
74	do	J. J. Johnson	do	
75	do	Gertrude Keech	ao	1
16	do	J. H. Kelley	do	1
70	op	Nora Kerwan	do	
70	op	Allie Lemb	do do	
80		A D Loo	do	
81	do	Louise A Lietz	do	
82	do.	Stella Lund	do	2
83	do	C. M. McConn.	do	2
84	do	Agnes McGurty	do	- 7
85	do	A. H. McLean	do	
86l	do	Jane McMullin	do	
87	do	L. Mae Manspeaker	do	
88	do	O. I. Ellis	Wages, November, 1912	
89	do	Rudolf Meseck	Salary, November, 1912	
90	do	C. F. Miller		1 1 1 1
AT	do	Lloya Morey		1
02	do	J. A. MOITOW	do	1
100	do	W. W. Mufphy	do	1
95	o	Elizabeth C. Peel	do	- 1
	uvi	TATTERNAME OF T DOT		

0.	Date.	To whom.	For what.	Amou
	1912.	Elizabeth Pfeffer F. W. Post. Harriet L. Postlewait Myrtle A. Renz. Nellie M. Robetson. Rose E. Ryan. Mary Scanlon Anna L. Shepard. T. J. Showers Sara M. Slater Bertram Smith I. M. Smith. Jessie A. Smith. Mayme L. Smith. O. E. Staples. Alfred Steitz. E. T. Strong. M. E. Thompson Mary Torrance. L. J. Towne. G. P. Tuttle. Josephine Tyrrell Lida E. Voight. B. L. Winchester H. T. Wyninger. C. C. Logan. H. T. Unvineer. C. E. Durst. J. J. Gardner J. C. Blair S. J. Bole. R. E. Brand. W. T. Crandall E. Davenport. W. J. Fraser N. W. Hepburn R. S. Hulce L. R. Lang. D. McIntosh H. N. Parker W. F. Wells. D. O. Barto F. C. Bauer. Isabel Bevier Thomas Bregger W. L. Burlison W. J. Carmichael H. C. M. Case W. C. Coffey. Nina B. Crigler John Detletson I. W. Dickerson. J. L. Ekblaw Augustz D. Evans O. S. Fisher Charlotte Gibbs. Nellie E. Goldthwaite Cora E. Gray A. F. Gustaison H. D. Hall W. F. Handschin Leonard Hegnauer C. G. Hopkins. M. H. Parker W. F. Hendschin Leonard Hegnauer C. G. Hopkins. M. E. Jahr O. A. F. Gustaison H. D. Hall H. W. Holling A. W. Nolan. Maude Parsons J. H. Pattit H. Hentit Hensel. H. Hankin H. Hankin H. Hentit Hinsker C. O. Reed H. R. Root.		
3097	Nov. 30	Elizabeth Pfeffer	Salary, November, 1912	\$ 50 72 50 55 55 56 60 91 122 55 70 100 65 150 88 88 55 55 55
3098	do	F. W. Post	do	75
100	do	Marriet L. Postiewait	do	30
100	ao	Nellie M. Robetson	do	55
102	do	Rose E. Ryen	do	50
103	do	Mary Scanlon	do	60
104	do	Anna L. Shepard	do	91
105	do	T. J. Showers	do	125
106	do	Sara M. Slater	do	55
107	do	Bertram Smith	do	70
108	do	I. M. Smith	do	108
110	do	Jessie A. Smith	do	100
111	do	O F Steples	do	150
110	do	Alfred Staitz	do	75
113	do	E T Strong	do	95
114	do	M. E. Thompson	do	85
115	do	Mary Torrance	do	55
116	do	L. J. Towne	do	150
117	do	G. P. Tuttle	do	91
118	do	Josephine Tyrrell	do	91 48 83 48 52 150 200 125 100 416
119	do	Lida E. Volght	do	8
120	00	D. L. Winchester	00	48
120	uo	C. C. Logan	do	150
123	do	H. B. Dorner	do	200
124	do	C. E. Durst	.do.	125
125	do	J. J. Gardner	do	100
126	do	J. C. Blair	do	416
127	do	S. J. Bole	do	133
128	do	R. E. Brand	do	166 133
129	do	W. T. Crandall	do	133
130	do	E. Davenport	do	500 291
191	do	W. J. Fraser	00	170
133	do	R S Hulco	do	100
134	do	L R Lang	do	133
135	do	D. McIntosh	do	208
136	do	H. N. Parker	do	200
137	do	W. F. Wells	do	125
138	do	D. O. Barto	do	175 100 133 208 200 125 166
139	do	F. C. Bauer	do	125
140	do	ISabel Bevier	[do	200
141	do	Thomas Dregger	do	125 250 100 100 41
143	do	W. D. Burnson	do	41
144	do	H. C. M. Case	-do	41
145	do	W. C. Coffey	do	225 120 166 150
146	do	Nina B. Crigler	do	120
147	do	John Detleison	do	166
148	do	I. W. Dickerson	[do]	150
149	do	J. L. Edmonds	do	166
151	uo	A. J. L. EKDIAW	00	19(
159	o	Augustz D. Evans	do	166 166
153	do	Charlotte Gibbs	do	150 150 88 166 125 166
154	do	Nellie E. Goldthwaite	do	166
155	do	Cora E. Grav	do	110
156	do	A. F. Gustafson	do	150 225 150 250
157	do	H. D. Hall	do	225
158	do	W. F. Handschin	do	150
159	do	Leonard Hegnauer	do	250
100	oo	U. G. HOPKINS	00	416
160	uo	M. E. Jani	00	120
162	do	Wilhelm Miller	uo	950 950
164	do	J. G. Mosier	do	266
165	do	H. W. Mumford	_do	416
1661	do	A. H. Nehrling.	do	125
167	do	A. W. Nolan	do	2416 120 83 250 266 416 125 200 100 250 133
168	do	Maude Parsons	do	100
169	do	J. H. Pettit	do	250
170	do	Heiena M. Pincomb		133
1/1	do	V. A. Place		83 250
172	uo	r. H. Mankin	do	20U 195
-10		C O Pood	do	125 120
1741				

Го.	Date.	H. A. Reuhe. H. P. Rusk F. M. Simpson L. H. Smith W. H. Smith Grace Stevens J. V. Stevenson H. W. Stewart J. R. Wells. Ruth Wheeler A. L. Whiting J. J. Yoke J. B. Park Orr Allyn W. B. Gernert W. L. Gaines F. A. Pearson L. M. Wakeley Jas. Hutchinson F. W. Muncie G. L. Peltier K. L. E. Fogelsong A. J. Gunderson B. S. Pickett W. A. Ruth C. S. Watkins J. P. Aumer L. R. Binding R. W. Dickenson F. A. Fisher F. W. Garrett S. V. Holt E. E. Hoskins Oran Keller W. R. Leighty Gertrude Niederman J. E. Readhimer W. H. Sachs E. Van Alstine F. M. W Wascher H. C. Wheeler C. E. Wheelock J. E. Whitchurch John Woodard H. H. Mitchell C. S. Crandall J. W. Lioyd H. H. Mitchell C. S. Crandall J. W. Leone B. E. Packard Leonora Perry Florence E. Smith B. E. Powell A. O. Magnuson George Nogle H. E. Moore W. B. Atwell Olive G. Reid Andrew Tornquist M. D. Rose H. Simer Stanleys Jess Gook R. J. Conley Jess Cook R. J. Conley Jess Cook R. Utterback A. J. Stoneby W. L. Harry W. W. Williams W. L. Harry W. W. Williams	For what.	Amou
	1912.			
8176	1912. Nov. 30	H. A. Reuhe	Salary, November, 1912	\$116 175 100
8177	do	H. P. Rusk	do	175
8178	do	F. M. Simpson	do	100
8179	do	L. H. Smith	do	250 108
3180	do	W. H. Smith	do	108
3181	do	Grace Stevens	do	90
8182	do	J. V. Stevenson	do	150 70 133
8183	do	H. W. Stewart	do	150
8184	do	J. R. Wells	do	70
8185	do	Ruth Wheeler	do	133
8186	do	A. L. Whiting	do	125 83
8187	do	J. J. Yoke	do	83
8188	do	J. B. Park	do	150 70 125 150
8189	do	Orr Allvn	do	70
3190	do	W. B. Gernert	do	125
3191	do	W. L. Gaines	do	150
8192	do	F. A. Pearson	.do	75
3193	do	L. M. Wakelev	do	100
8194	do	Ias Hutchinson	do	100
8195	do	F. W. Muncia	do	75 100 100 83
8196	do	G. L. Peltier	do	99
8197	- do	K. L. E. Fogelsong	do	100
8198	do	A. J. Gunderson	do	29
3190	do	B. S. Pickett	do	85 100 85 250 125 150
3200	do	W A Ruth	do	195
8201	do	C S Watking	do	150
รัฐกร	do	T P Anmer	do	150
2002	do	T. D. Binding	30	70
29D4	do	D. W. Diekensen	do	70
2005	do	E A Figher	do	00
วอบอ		T W Comett	do	70 70 88 88
ションフ	uo	C T TT-14		85 150 150 70 100 100 200 125 150
94U1 9900	uo	D. V. HOIL	u0	150
2000		C. E. HOSKIHS	1	100
2010		Oran Keller		100
2011	00	W. R. Leignty	00	100
2010	do	Gertrude Niederman	do	100
2012		J. E. Reagnimer	ao	200
2014		W. H. Sacns	qo	120
2015	ao	E. Van Aistine	do	190
0170		r. M. W. Wascher	00	100
2017		H. C. Wileeler		150 70 150 70 125 291 266 200
2010	do	U. E. W Heelock	00	150
2010	qo	J. E. wnitchurch	do	150
2000	. do	John woodard	qo,	105
2001		G. G. Const. J. II		120
2221	ao	C. S. Crandall	do	291
2222		J. W. Lloyd	qo	200
5220		H. W. Peasiee	do	200
2224	ao	Alice v. Hamilton	ao	75 75 75
2220	ao	Bessie E. Packard	do	100
220		Leonora Ferry		1 75
227	ao	FIOTERICO E. SMITH	qo	65 191
228	ao	B. E. POWell		191
229	qo	A. O. Magnuson	wages, movemper, 1912	40
200		George Nogie		40 70 47 40 50 75
2020	do	II. D. MOOFE		47
202	ao	W. D. AtWell		40
200	ao	Onve G. Keig	ao	50
234	ao	Andrew Tornquist	ao	1 75
250	qo	M. D. KOSO		52
230	ao	H. Simer	do	45 40 30
207	ao	Stanley Wilkins		40
200	ao	F. W. WISON	ao	30
239	ao	victor Tnomas	ao	40
240	do	Frank Sanders	ao	40 47 55 47
241	qo	S. E. UTO	do	55
242	ao	ьа. myers	ao	47
243	do	Joe Mink	do	46 47 22
244	do	william Kelley	do	47
245	do	Lawrence Engle	ao	22
246	do	Roy Argo	do	50
3247	do	M. J. Conley	do	75
5247	do	Jess Cook	do	47
5249	do	Rob Cook	<u>@</u> 0	47
250	do	L. Utterback	do	50
3251	do	A. J. Stoneburner	do	50 75 47 47 50 45
252	do	Sadie Jones	do	45
3253	do	W. L. Harry	do	83 50
	اماما	W W Williams	l. do	50

lo.	Date.	To whom.	For what.	Amou
	1912.			
8255 8256	Nov. 30	Florence T. Stoutzenberg	Wages, November, 1912	\$ 25 75
8250	do	C. C. Totman Mamie Bunch Ethel Clark Winifred McIntosh	do	45
8258	do	Ethol Clark	do	46
8259	do	Winifred McIntosh	do	40
3260	do	H. H. Wheeler	do	6
3261	do	Margaret C. Foss	do	65 40 60 40
3262	do	Horace B. Ingalls	do	60
3263	do	R. C. Glover	do	40
3264	do	James Brown	do	50 80 70 50
265	do	J. L. Gardner	do	80
200	do	I. F. Burdick	00	70
2068	do	T P Crawford	do	47
269	do	Wm Hough	do	83
270	do	Elmer Jenkins	do	55
271	do	Earl Meenach	do	47 83 55 60
272	do	C. C. Totman Mamile Bunch Ethel Clark Winifred McIntosh H. H. Wheeler Margaret C. Foss Horace B. Ingalls. R. C. Glover. James Brown J. L. Gardner I. F. Burdick Harley Foor T. P. Crawford Wm. Hough Elmer Jenkins Earl Meenach Chester Turner J. E. Thomas J. H. Coffey Alpha Tornquist L. A. Hunter W. T. Craig W. L. Bennett Will Paterson P. O. Moore. A. M. McBath H. J. Bannister John Balcom H. K. Baltzer G. W. Bearsdley E. M. Clark H. E. Crouch A. W. Fischer Earl Garver R. C. Kastler A. F. Krueger Cornelius Stocker A. Ten Broeck W. W. Yapp Anna Crathorne Rusth Loveless Etta Perry Ethel Sharp L. Donohue Raph Chaplin Claude Harrolle Rose Hegenbart Louie Frizzell Pearl Cunningham Bas. Bosmith Flora M. Sims Jeo. E. Miller Pelor Donohue Ras Hooral Ras Boswell R. S. Smith Flora M. Sims Jeo. E. Miller Polon Lankford P. W. Gasult	Wages, September 20 to Nov- ember 30, 1912	63 45 45
273	do	J. E. Thomas	Wages, November, 1912	45
274	do	J. H. Coffey	do	45
276	do	Alpha Tornquist	do	25 70
2/0	do	L. A. HUNTOT		70 83
270	uo	W. I. Craig	do	83
270	uo	Will Potorson	do	60 45 45
280	do	P. O. Moore	do	40
281	do	A. M. McBath	-do	45
282	do	H. J. Bannister	do	45
283	do	John Balcom	do	45 55 55 50 60 115
284	do	H. K. Baltzer	do	55
285	do	G. W. Bearsdley	do	50
286	do	E. M. Clark	do	60
287	do	H. E. Crouch	[do	115
288	do	A. W. Fischer	do	83
289	do	Earl Garver	do	65 55
290	do	R. C. Kastler	00	55
291		A. F. Krueger	00	65
202	do	A Ton Brooks	do	75 50
204	do	W W Vann	-do	50 70
295	do	Anna Crathorne	do	50
296	do	Ruath Loveless	. do	50 60
297	do	Etta Perry	do	60
298	do	Ethel Sharp	do	35
299 .	do	Lillian Smith	do	50
300 .	do	Loretta White	do	60 55
301	do	R. Pritchard	do	55
302	do	Hazel Knoads		55
303	do	H. Pritchard		65
SUE .	do	G D Donobus	do	50 45
306	40	Ralph Chaplin	do	60
307	do	Claude Harrolle	.do	40
808	.do	Rose Hegenbart	do	75
809	.do	Louie Frizzell	do	40
801	.do	Pearl Cunningham	do	19
111.	.do	Jas. Boswell	do	15 45
12 .	.do ]	R. S. Smith	do	45
13 .	.do ]	Flora M. Sims.	do	83 83 60
14 -	.do 9	xeo. E. Miller		83
10	.uo	F W Coult	uo	80
17	do	C Chanman	do	83
18	do	Chas. A. Campbell	do	60
19	.do	. C. Anderson	do	65
20	.do]	Freda O. Stricklan	do	65
21 .	.do	R. Sowell R. S. Smith Flora M. Sims Geo. E. Miller John Lankford F. W. Gault J. C. Chapman Jhas A. Campbell J. C. Anderson Freda O. Stricklan Alice Reed Mary Millar W. A. MoIntire R. Kelley Marion B. Gallaher Emma L. Custer J. F. Smith Elizabeth Pulling Fred Pine Marjorie H. Gage Mabel Halliday W. J. Engle	do	50
22 .	.do1	Mary Millar	do	65 50
23 .	.do	W. A. McIntire	do	50
24 .	.do J	R. Kelley	do	52
325 .	.do 1	Marion B. Gallaher	do	40
326	do ]	Emma L. Custer	do	70 65
32/ .	qo J	F. Smith		65
200	ao  <u>1</u>	Enzapeth Pulling		60
229	إ و	red rine		75 65
ემ <b>∪</b>  .	uo [	Manuel Helliday		60
ooll-	uv l	W. J. Engle	do	65

To.	Date.	To whom.	For what.	Amou
0000	1912.	The Carson-Payson Co. Chas. E. Lauriat Co. W. Cary Lewis & Co. Clarissa Rinaker Abble E. C. Lathrop Ralph Hilscher H. P. Corson H. F. Ferguson M. T. Lindsey E. H. Walworth R. L. Hegnauer Frances E. McClughen J. C. Fiscus C. A. Denman John Brannagan Wm. Templin Frank Hardy Wm. Fogarty F. T. Franklin C. Y. Freeman P. Adams Wm. Leach W. H. Graybeal Sell Hamiln Samuel Hamson F. T. Harper T. O. Henderson W. G. Hixon F. F. Hoover Ross M. Hutton O. F. Smith Jass. Irvine Ausgaret Jones Walfer Iones	This is	800/
8333	Nov. 30	The Carson-Payson Co	Pipe	\$306 16 12 18 17 17 20 30 17 93
0004 0225	do	W Cory Lowis & Co	Pener	1 2
8336	do	Clarissa Rinakar	Typewriting	1 1
8337	do	Abbie E. C. Lathron	Mice	1 12
3338	do	Ralph Hilscher	Expenses	18
3339	do	H. P. Corson	do	į į
3340	do	H. F. Ferguson	do	17
341	do	M. T. Lindsey	Wages, November, 1912	11
3342	do	E. H. Walworth	do	20
343	do	R. L. Hegnauer	do	30
344	do	Frances E. McClughen	Services	17
345	do	J. C. Fiscus	Wages, November, 1912	93
346	do	C. A. Denman	do	113 73
347	do	John Brannagan	do	7
348	do	Wm. Templin	do	86 84
349	do	Frank Hardy	- 00	84
350	qo	w ш. r ogarty		54
166	ao	C. Y. Franklin	ao	48
002	op	D Adams	Convices Newspher 1019	46 60 30
954	00	Wm Tood	Wages Nevember 1912	81
222		W H Growhool	do	60
356	uo	Sell Hamlin	do	62 54
357	do	Samuel Hanson	do	65
358	do	F. T. Harner	do	68 54
350	do	T. O. Henderson	do	106
360	do	W. G. Hixon	do	100 48
361	do	F. F. Hoover	do	54 60 84
362	do	Ross M. Hutton	do	60
363	do	O. F. Smith	do	8
364	do	Jas. Irvine	do	52
365	do	P. S. Jeffers	do	68
366	do	Frank Irvine	do	68 48 39 54
367	do	Margaret Jones	do	48
	do	Walter Jones	do	38
369	do	C. C. Johnson	do	54
370	do	G. E. Kirk	do	52
371	do	J. A. J. Kleim	do	70
372	do	Adolph Langhoff	do	82
373	do	Fred Langhoff	do	55
374 375	do	wm. Langhoff	do	52 70 82 58 58 68
3/5	do	E. C. Lewis	do	00
$\frac{376}{377}$	do	A. C. Lillon		50
378	do	Then I one		58 72
270	uo	S A Portor	do	58
380	do	Tag MacCullough	do.	50
381	do	Frances E. McClughen	do	43
382	do	O. F. Smith. Jas. Irvine. P. S. Jeffers. Frank Irvine Margaret Jones Walter Jones C. C. Johnson G. E. Kirk. J. A. J. Kleim Adolph Langhoff Fred Langhoff Wm Langhoff E. C. Lewis. A. C. Litton J. F. Long. Thos. Long. S. A. Porter Jas. MacCullough Frances E. McClughen Dan Meneeley Bert Mathews H. H. Mahorney O. E. Meenach C. M. Miller Elizabeth Muhleman Rebecca Morgan Arthur Moran Uriah Moreland W. H. Clark. Jacob Nikolaus. Ruthe M. Murphey F. M. Perry Wm. Quinn Chas. Gundlock J. F. Purkins Mary Ryan Ed Richards B. L. Reed A. Servis. L. M. Sterns. Frank Stateler D. C Sprinkle John Snyder Geo. Toy. I. F. Tillotson Edward Harran	1do	59 43 64 61
383	do	Bert Mathews	do	61
384	do	H. H. Mahorney	do	62 65
385l	do	O. E. Meenach	do	68
386	do	C. M. Miller	do	54
387	do	Elizabeth Muhleman	do	36
388	do	Rebecca Morgan	do	36 43 61
389	do	Arthur Moran	do	61
390	do	Uriah Moreland	do	62
391	do	W. H. Clark.	do	104
392	do	Jacob Nikolaus	do	65
393	do	Kuthe M. Murphey	[ao	56
394	do	r. M. Perry	ao	0.
395	do	WIII. QUINN	ao	7.
396 397	do	Unas, Gundiock	do	00
	do	Mary Ryon	do	90
300	do	Ed Dichards	do	06
400	do	R I. Pood	do	62 104 63 56 61 71 66 42 96
401	do	A Sarvic	do	69
402	do	L. M. Sterns	do	68 62
403	do	Frank Stateler	do-	72
404	do	D. C. Sprinkla	do	54
400	do	John Snyder	do	73 54
406	do	Geo. Tov	do.	59
407	do	John Snyder Geo. Toy, I. F. Tillotson Edward Hargan Henry Turner Geo. Turner William Wilde	do	59 67 59 58
408	do	Edward Hargan	do	59
409	do	Henry Turner	do	58
410	do	Geo. Turner	do	57 90
		William Wilde	1 40	00

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	To whom.	For what.	Amo
	1912.	Edmund Wharmby C. H. Whetcraft P. F. Meharry. P. Adams W. M. Atwell C. E. Arrington R. W. Baldwin J. E. Balley G. W. Boyer Harry Brown Basil Brown Basil Brown B. M. Bullock John Ceduskey Jos. Davis F. Cunningham F. Crathorne John Garman Frank Wilson E. P. Dibble T. J. Faye. C. E. Follansbee Louie Fender J. J. Fiscus Frank Fogarty Louis Pro W. W. Trinble G. F. Smalley Harry Higgens Jesse Meyers John Miller Bert Hays. Fred Hooker G. H. Reily W. S. Goodspeed Marie A. Gordon H. O. Smith A. J. Booker. Orval Snotk C. A. Dunseth Thoss Butler Florence Nyberg H. J. Vanderbeek Marguerite Munn Martin Sandwell Amos Wright Ross Righard Ross Reinhardt Ben Durman S. T. Wallage F. H. Colyer.		
412	Nov. 30	Edmund Wharmby	Wages, November, 1912	\$ 6
413	do	C. H. Whetcraft	do	1 2
414	do	P. F. Meharry	do	\$ 6
415	do	P. Adams.	do	١.
416	do	W. M. Atwell	do	
417	do	C. E. Arrington	do	
418	do	R. W. Baldwin	do	
419	do	J. E. Balley	do	2
420	ao	G. W. Boyer	ao	,
421	ao	Harry Brown	ao	(
422	ao	Basii Brown	do	
423	ao	B. M. Bullock		6
424	qo	John Ceduskey	do	12
420	do	JOS. Davis		1
420	do	F. Cunningnam		12
427	ao	F. Cratnorne	ao	
428	ao	John Garman	ao	
429	ao	Frank Wilson	ao	2
430	do	E. P. Dibble	do	3
431	do	T. J. Faye	ao	5 H3 62 K3 H3
432	do	C. E. Follansbee	ao	5
433	do	Louie Fender	ao	1 3
434	do	J. J. Fiscus	ao	-
435	do	Frank Fogarty	ao	
436	do	Louis Pro	ao	
437	do	W. W. Trimble	do	
438	do	G. F. Smalley	ao	3
439	do	Harry Higgens	ao	{
440	do	Jesse Meyers	do	9
441	do	John Miller	do	1 3
442	do	Bert Hays	do	
443	do	Fred Hooker	do	1
444	do	G. H. Reily	do	1
445	do	Bertha G. States	do	{
446	do	B. L. Bowling	do	
447	do	W. S. Goodspeed	do	
448	do	Marie A. Gordon	do	
449	do	H. O. Smith	do	
450	do	A. J. Booker	do	]
451	do	Orval Snook	do	
452	do	C. A. Dunseth	do	
453	do	Thos. Butler	do	
454	do	Florence Nyberg	do	
455	do	H. J. Vanderbeek	do	6
456	do	Marguerite Munn	do	4
457	do	Martin Sandwell	]do	
458	do	Amos Wright	do	(
459	do	Ross Reinhardt	do	4
460	do	Ben Durman	do	1
461	do	S. T. Wallage	Services	]
462	do	Ross Reinhardt. Ben Durman S. T. Wallage F. H. Colyer W. M. Birdzell W. J. Smith. J. R. Newton E. W. Justus A. J. McAllister J. F. Kohout R. A. Bennett R. Berbaum C. I. Newlin Chas. Hill	Wages, November, 1912	
463	do	W. M. Birdzell	do	
464	do	W. J. Smith	do	12
465	do	J. R. Newton	do	10
166	do	E. W. Justus	do	10
167	do	A. J. McAllister	do	3
168	do	J. F. Kohout	Salary, November, 1912	1
169	do	R. A. Bennett	wages, November, 1912	. ]
170	do	R. Berbaum	do	•
471	do	C. I. Newlin	do	1 7
172	do	Chas. Hill	do	
173	do	J. N. Morgan	do	1 8
174	do	J. H. Vandiventer	do	١
175	do	August Warmbier	do	6
476	do	Wesley Wilson	do	{
177	do	A. Baumgartner	do	8
178	do	V. R. Barnes	do	9
479	do	M. C. Booher	do	
480	do	Pete Davis	do	(
481	do	Asa Denman	do	1 7
482	do	Howard Downing	do	(
383	do	Fred Fender	do	8
484	do	Guy Fox	do	8
485l	do	Della M. Rogers	do	8
486	do	J. R. Newton E. W. Justus A. J. McAllister J. F. Kohout R. A. Bennett R. Berbaum C. I. Newlin Chas. Hill J. N. Morgan J. H. Vandiventer August Warmbier Wesley Wilson A. Baumgartner V. R. Barnes M. C. Booher Pete Davis Asa Denman Howard Downing Fred Fender Guy Fox Della M. Rogers Gertrude Johnson J. Rachwalski Verna A. Manley Amelia Feldkamp Lawrence Lahr	do	1
487	do	J. Rachwalski	do	4
488	do	Verna A. Manley	do	7 00 00 00
480	do	Amelia Feldkamp.	do	
			1-14	

To.	Date.	To whom.	For what.	Amou
040*	1912.	H. D. Brown D. H. Sims, Contractor. G. E. Wright. Wesley Hoffman Ethel V. Manley Marion E. Sparks. C. R. Sinclair J. W. Dunlap, Contractor Gould Storage Battery Co. C. H. Wheeler Mig. Co. David Kinley. Mabel Schadt. Bert Sterenberg. R. P. Gage. K. G. Brown C. C. Younglove. G. F. Paulsen Ethel Berlin. W. W. Peters. L. M. Apgar. Harold Bolander. A. R. Brandner. Mary E. Fawcett. E. A. Schwing. P. T. Walters Phillip Udinsky. G. E. Quick. Nathan Meltz. Ora McGee. Hubert Jessen D. R. Bull P. R. Greenman E. O. Fontaine Earle Rugg. Eleanor Hubbard R. W. Ritchey F. C. Hare. J. K. Primm Vera Snook Olive Paine Lucile Cravens Isabelle Anderson Otto Schimerer Bertha Bourdette. F. S. Stroheker J. G. Eppinger F. R. Miller William E. Britton Julius Goebel, Jr. Charles E. Meyers. W. A. Shewhart P. S. Nelson. Leonard Dunlap C. E. Hay. H. F. T. Fahrnkopf H. J. Snider. Alfred Raut F. N. Barrett E. J. Wilford A. J. Sackersan Arthur Semple J. A. Fletcher R. F. Hervey G. H. Rehling Roy Horning Theodore H. J. Snider Alfred Raut F. N. Barrett E. J. Wilford A. J. Sackersan Arthur Semple J. A. Fletcher R. F. Hervey G. H. Rehling Roy Horning Theodore C. W. Potter M. J. Snider Alfred Raut F. N. Barrett E. J. Wilford A. J. Sackersan Arthur Semple J. A. Fletcher R. F. Hervey G. H. Rehling Roy Horning Theodore C. W. Potter M. H. N. Cate L. S. Baldwin G. W. Potter M. L. Nebel F. H. Kelley R. F. Shoffer Evalens Bowen		
8491 8400	NOV. 30	H. D. Brown	Expenses	\$ 4
049 <i>2</i> 9402	Jdo	D. H. Sims, Contractor	Wagas Navambar 1019	69 78
8494	do	Wasley Hoffman	wages, November, 1912	97
8495	do	Ethel V. Manley	do	56
8496	do	Marion E. Sparks	do	. 32
8497	do	C. R. Sinclair	do	72 200
8498	do	J. W. Dunlap, Contractor	Payment on contract	200
8499	do	Gould Storage Battery Co	Electric apparatus	1,050 1,324 115 10
8500	do	C. H. Wheeler Mfg. Co	Pumps and condenser	1,324
8200 2007	do	David Kinley	Expenses	115
50UZ 9509	ao	Mapel Schadt	Wages, November, 1912	10
8504	do	P P Cogo	do	19
8505	do	K G Brown	do	26
8506	do	C. C. Younglove	do	10 26 11
3507	do	G. F. Paulsen	do	27
8508	do	Ethel Berlin	do	13 20
8509	do	W. W. Peters	do	20
8510	do	L. M. Apgar	do	20
2011	do	Haroid Bolander	do	12 14
5512 2519	ao	A. K. Brandner	Exmanded	14
351 <i>A</i>	do	E A Schwing	Wages Nevember 1012	45
3515	do	P T Wolfors	wages, November, 1912	19
3516	do	Phillip IIdinsky	do	17 18 17
3517	do	G. E. Quick	do	17
3518	do	Nathan Meltz	do	18 16
3519	do	Ora McGee	do	16
3520	do	Hubert Jessen	do	13
3521	do	D. R. Bull	do	15 17 16
3522	do	P. R. Greenman	do	17
3523	do	E. O. Fontaine.	do	16
0024 2595	do	Earle Rugg		30
259R	do	P W Pitcher	do	30 21 21
3527	do	F C Hora	do	25
528	do	I K Primm	do	35 11
3529	do	Vera Snook	do	12
3530	do	Olive Paine	do	12 24
3531	do	Lucile Cravens	do	20
3532	do	Isabelle Anderson	do	20 10
3533	do	Otto Schinnerer	do	17
5534	do	Bertha Bourdette	do	13
5000 2526	do	F. S. Stroneker		21
1527		J. G. Eppinger	do	12 16
538	uo	William F Britton	do	30
539	do	Julius Goebel Ir	do	12
540	do	Charles E. Mevers	_do	21
541	do	W. A. Shewhart.	do	10
542	do	P. S. Nelson	do	39
543	do	Leonard Dunlap	do	23 10
544	do	U. E. Hay	do	10
540	do	H. F. T. Fanrnkopi	do	11 22
547	uo	Alfred Pout	do	22
548	do	F N Rarratt	do	23 23 25 24 31
540	do	E. I. Wilford	do	20 95
550	do	A. J. Sackersan	do	24
551	do	Arthur Semple.	do	31
552	do	J. A. Fletcher	do	14
553	do	R. F. Hervey	do	13
554	do	C. H. Rehling	do	25 42
0000	do	Koy Horning	do	42
いいい	do	Theodore Rector		21
553	uo	U. G. UOX	do	15 26
559	uo	Edgar Harmann	do	42
560	do	G. W. Schroeder	1do	10
561	do	D. Vauble.	_do	50
562	do	H. A. Cate	do	50 10
3563	do	L. S. Baldwin.	do	17
564	do	T. W Dieckman	do	32 60 11 10
565	do	G. W. Porter	do	60
5566	do	M. L. Nebel	do	11
5007	do	F. H. Kelley	do	10
เปปซ เรศก	do	Evolenc Power		29 36
		TO A STIGHTS (DOMOTITION OF LINE AND	• • · · · · · · · · · · · · · · · · ·	90

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

No.	Date.	To whom.	For what.	Amount.
8570	1912. Nov. 30	Frank Lester	Wages, November, 1912	e 79 88
8571	do	Frank Lester A. Boyis R. L. Kelley R. M. Stevens B. L. Ray The Urbans Steam Laundry Twin City Electric Co T. A. Clark Yesterlaid Egg Farm N. W. Stewart K. J. T. Ekblaw A. F. Krueger W. T. Crandall E. L. Thorndike Palmer & Harris E. P. Cubberley D. H. Stevenson J. R. Wells W. C. Coffey B. S. Radcliffe	Wages, November, 1912dododododododo	\$ 79 88 159 50
8572	do	R. L. Kelley	do	52 40 15 75
8573	do	R. M. Stevens	do	15 75
8574	do	B. L. Ray	do	27 00 88 03
8576	do	The Urbana Steam Laundry	Laundry Work	88 00   110 00
8577	do	T. A. Clark	Expenses	110 00 352 75
8578	do	Yesterlaid Egg Farm	Blue prints	20 00
8579	do	N. W. Stewart	Expenses	20 00 9 35 6 35 16 17 15 75 112 00 195 00
8580	do	K. J. T. Ekblaw	Expenses	6 35
8283	do	M. T. Crandall	do	15 75
8583	do	E. L. Thorndike.	. do Lectures and expenses. Catering. Expensesdodo	112 00
3584	do	Palmer & Harris.	Catering	195 00
3585	do	E. P. Cubberley	Expenses	
3586	do	D. H. Stevenson	do	40 27 10 19
5087 5588	do	J. K. Wells	do	6 89
3589 3589	do	B S Radeliffe	Salary Sentember October and	0.00
,000		D. S. Itaacomo	November, 1912	240 00 54 00
3590	do	W. A. Hooker	.do. Salary, September, October and November, 1912. Wages, November, 1912 Balance salary, November, 1912. Wages, November, 1912.	54 00
3591	do	T. D. Yensen	Balance salary, November, 1912	50 00 85 00
592	do	Robert Pergande	Wages, November, 1912	85 00
504	ao	B. L. Morenouse	Colory November 1012	85 00 85 00
1595	do	A T. Sanare	Wages November 1912	92 25
596	do	Laura B. Evans.	Expenses	61 06 9 54
3597	do	H. A. Hollister	.,do	9 54
3598	do	L. S. Baldwin	Wages, November, 1912	50 40
รอยย เลกก	do	B. S. Radcliffe  W. A. Hooker. T. D. Yensen Robert Pergande. B. L. Morehouse S. C. Burton. A. L. Sauers. Laura B. Evans. H. A. Hollister L. S. Baldwin C. M. Robinson A. W. Nolan. J. R. Newberry W. L. Richards. John Coleman Geo. Bost. Johnson's Creamery W. R. Olinger H. E. Siegman Wyoming Creamery Co. W. F. Conway Ferdinand Grimm M. E. Simonson. P. J. Peterson. Green River Creamery L. R. Weckerly Sam Grimm Louis Lamm Louis Lamm J. M. Lindgren H. V. Roberts. White Line Steam Laundry. National Association of State Universities.	Expenses	223 30
เลกา	Dec 3	I R Nawharry	Ruttor	10 87
602	do	W. L. Richards	_do-	7 65
3603	do	John Coleman	do	9 54 50 40 223 36 11 24 10 87 7 65 3 12 7 48 10 56
604	do	Geo. Bost.	do	7 48
605	do	Johnson's Creamery	do	3 05
807	do	W. R. Ulliger	do	6 79
608	do	Wyoming Creamery Co.	do	6 79 2 79
609	do	W. F. Conway	do	2 79 7 14 6 30
610	do	Ferdinand Grimm	do	6 30
611	do	M. E. Simonson	do	10 56 3 40
01Z 613	do	Green Piver Creement	do	2 90
614	do	L. R. Weckerly	do	2 90 3 40
615	do	Sam Grimm	do	6 28 7 87
616	do	Louis Lamm	Books	7 87
617	do	J. M. Lindgren	Wages, November, 1912	31 90
610 010		White Line Steem Loundry	Labor and materials	49 90 37 92
620	do	National Association of State Universi-	Daumury	0, 02
		ties	Dues	15 00
621	do	The U. S. Blue Print Paper Co	Paper	3 90
622	do	E. V. Percival	Dues. Paper Chickens Grading	22 50 60 00
623 694	do	Hervey Argo	Grading	7 00
625	do	Jennie C. Barlow	Expenses Expenses and services Subscription Bills paid Hay Labor Models	7 00 43 17
626	do	Saylor Publishing Co	Subscription	1 00
627	do	J. L. Edmonds	Bills paid	3 00
628	do	J. W. Amrine	Hay	289 19 15 00
628	do	D. M. Sims, Contractor	Labor	15 00
03U 631	00	August Gerber	M Odels	386.55
632	do	F. P. Collver	Expenses	18 39
$63\bar{3}$	do	H. E. Crouch	Expensesdo. Payment on contract.	157 44 386 55 18 39 11 37
634	do	Otis Elevator Co. Contractors	Payment on contract	197 50 15 00
635	do	Jessie E. Holtz	Books Expenses	15 00
030 637	do	J. M. Bryant	LEXPENSES	2 45 12 92
638	do	W. R. Hall	do	3 30
639	do	C. W. Balke	do Membership Assessment Axles	3 30 19 20 817 44
640	do	A. B. Gray, Special collector	Assessment.	817 44
641	do	The C., C., C. & St. L. Ry. Co	Axles	10 94 169 58
642	do	Joseph Baer & Co	Books	169 58
5043 2644	do	White Line Steam Laundry. National Association of State Universities. The U. S. Blue Print Paper Co. E. V. Percival. Hervey Argo C. E. Durst. Jennie C. Barlow. Saylor Publishing Co. J. L. Edmonds. J. W. Amrine D. M. Sims, Contractor. August Gerber. Ernst Schmidt. F. P. Collyer. H. E. Crouch Otis Elevator Co. Contractors. Jessie E. Holtz. J. M. Bryant. B. S. Pickett. W. R. Hall C. W. Balke. A. B. Gray, Special collector. The C., C. & St. L. Ry. Co. Joseph Baer & Co. G. W. Medley. J. E. Readhimer C. W. Crabtree. W. H. Smith.	Books. Expenses.	* 8 10 103 72 50 50 6 94
	J 40	C W Crobtroe	do	50 50
3645	l.do.			
8645 8646	do	W H Smith	do	20

To.	Date.	To whom.	For what.	Amou
	1912.			
8647	Dec. 3	Imperial Cotto Milling Co	Meal	\$ 375 1,576 3
3648	do	Elliott Bros	Cattle	1,576
649	do	The Beardsley Hotel	Entertainment	3
00U 651	ao	Corl Colvin	Expenses	1
652	do	A C Norris	do	30 7 7 7 12
653	do	C R Dryer	do	, 30
654	do	W. E. Hotchkiss	do	7
655	do	S. J. Vaughn	do	12
656	do	Harriet L. Bouldin	do	9 7 1
657	do	C. H. Keltner	do	9
658	do	J. P. Gilbert	do	7
659	do	J. L. Pricer	do	1
661	do	C. R. Mann	do	غ ا
880 001	do	J. S. Nollen		8 7 8 3 16
663	do	D C Ridgley	do	
664	do	W R Spurrier	do	16
665	do	H. B. Wilson	do	1
666	do	H. M. Clew	do	4
667	do	Eva M. McKinnie	-do	1 :
668	do	Ada G. Grandy	do	
669	do	R. O. Clarida	do	'
670	do	O. P. Howorth	do	
671	do	F. M. Leavitt	do	48
672	do	Edward Bartow	do	48
673	do	Florence Harrison	Services	3
574	do	N. W. Hepburn	Expenses	
675	do	W. L. Games	do	80 10 31
676	do	R S. Hulce	do	10
011		H. K. Baltzer	Carl against and	3
078 670	o	West Publishing Co	Subscription	1
80U	do	H. P. Corgon	Expenses	45
00U 621	Dog 4	II A Swite	Pabbita	1 4
682	do. 4	F W Marquis	Evnansas	1
683	do	Kewanee Boiler Co	Stack	100 2, 73
684	do	English Bros. Contractors	Payment on contract	2 73
685	do	O. E. Staples, Chief Clerk	Freight	14'
686	do	O. E. Staples, Chief Clerk	do	111
687	do	O. E. Staples, Chief Clerk	do	41
688	do	O. E. Staples, Chief Clerk	Express	41.
689	do	O. E. Staples, Chief Clerk	do	6
690	do	O. E. Staples, Chief Clerk	do	6- 6: 700
69T	do	O. E. Staples, Chief Clerk	Men's payroll	700
92	do	O. E. Staples, Chief Clerk	Students' payroll	64
201	00	O. E. Staples, Chief Clerk	Repares	25
305	Dog 5	E T Swanger	Mile	0
898	do o	R Graham	do	1 7
397	do 🌲	H R Hyda	do	
398	do	E. R. Hamm	do	1
399	do	Kaufman & Co	do	}
700	do	S. Atchison	do	[
701	do	P. P. Dunn	[do	{
702	do	E. W. Smalley	do	13
03	do	J. H. Schwengel	do	1
(04	do	James Freemen	do	
700	do	G. Taylor	00	
מטי	op	Lohn Weige	00	1 4
709	uo	C Allen	do	"
709	do	T. A. McCracken	do	1 1
710	do	W. E. Leigh	do	1 1
711	do	Wm. Case.	do	18
712	do	I. H. Gordon	do	13
713	do	W. E. Yount.	do	7
714	do	W. H. Gray	do	: 4
715	do	E. F. Lyons	do	644 255 60 12 12 13 16 16 18 12
716	do	A. G. Guard	do	1
717	do	J. B. Salliday	do	8
718	do	M. Leigh	do	8
719	do	S. Lee	do	
720	do	J. M. Herriott	do	16
721	do	M. Hudson	do	,,
700	do	T. P. Lyons	do	18 3
722				
722 723	do	J. E. Henderson	do	10
722 723 724	do	Imperial Cotto Milling Co. Elliott Bros. The Beardsley Hotel F. D. Barber Carl Colvin. A. C. Norris. C. R. Dryer W. E. Hotchkiss S. J. Vaughn Harriet L. Bouldin. C. H. Keltner J. P. Gilbert. J. L. Pricer C. R. Mann J. S. Nollen L. S. Lyon. D. C. Ridgley W. R. Spurrier H. B. Wilson H. M. Clew Eva M. McKinnie Ada G. Grandy R. O. Clarida O. P. Howorth F. M. Leavitt. Edward Bartow Florence Harrison N. W. Hepburn W. L. Gaines R. S. Hulce H. K. Baltzer West Publishing Co H. F. Ferguson H. A. Cwest H. P. Corson H. A. Swits. F. W. Marquis Kewanee Boiler Co. English Bros. Contractors O. E. Staples, Chief Clerk O. E.	do	10 5

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

Date	To whom.	For what.
1912.	5 H. I. Nelson. J. H. Umbanhowar D. W. Shiveley. W. W. Meyer R. A. Lumsden G. F. Diefenbach C. A. Fogel W. C. Welch E. R. Canady John McCullough David Wilkins George Herriott H. J. Moorehouse Andrew Shields T. M. Ghere. W. F. Hampton I. H. Besore. W. H. Frame W. J. Wilson E. Fletcher H. Cherry I. Ellrod F. W. Howell D. S. Herriott John Godsell Pearl Hazen R. S. McInnes S. Guinn	
Dec.	5 H. I. Nelson	Milk
do	. J. H. Umbanhowar	do
do	D. W. Shiveley	do
do	W. W. Meyer	do
do	R. A. Lumsden	do
do	G. F. Dietenbach	
do	U. A. Fogel	00
ao	F D Canady	do
do	John McCullough	do
do	David Wilkins	.do
do	. George Herriott.	do
do	. H. J. Moorehouse	do
do	. Andrew Shields	do
do	. T. M. Ghere.	do
do	. W. F. Hampton	do
do	. I. H. Besore.	do
00	W. H. Frame	do
uo	F. Flatcher	do
uo	H Charry	do
de	I Ellrod	do
do	F. W. Howell	do
do	. D. S. Herriott	do
do	. John Godsell	do
do	. Pearl Hazen	do
do	. R. S. McInnes	do
do	Pearl Hazen R. S. McInnes S. Guinn F. H. Busey W. Davis L. F. Lindsey G. W. Van Meter Frank Knox J. E. Haney J. M. Smith J. B. Marsh Cora Stacker J. C. Anderson	do
do	. F. H. Busey	do
do	. W. Davis	do
do	L. F. Lindsey	
ao	Fronk Know	do
do	I E Heney	do
do	I M Smith	do
do	J. B. Marsh	ob
do	. Cora Stacker	do
do	. J. C. Anderson	do
do	J. F. Hoy	do
do	. C. J. Gillespie	do
do	.B. Jordan	do
do	J. C. Anderson. J. F. Hoy C. J. Gillespie. B. Jordan L. P. Rayburn H. Buhs. E. Grove.	do
do	- H. Buhs	do
do	Ton Dowhum	do
ao	U C Voufman	do
do	George Schiff	do
do	C. Ross	do
do	Nicholas Hahn	do
do	H. Wascher	do
do	E. Grove Len Rayburn H. C. Kaufman George Schiff C. Ross Nicholas Hahn H. Wascher G. E. Jones S. Herriott D. T. Lumsdan	do
do	. S. Herriott	do
do	R. T. Lumsden	do
ao	C.F. Jordan	do
⊅θ¢.	W. W. Lindley Post-reaster	Fee
uo	O F Stoples Chief Clark	Postage. Students payroll Sundry bills. Clock Labor and materials.
do	O. E. Stanles, Chief Clerk	Sundry bills
do	T. H. Craig	Clock
do	Louis Elv & Co.	Labor and materials
do	. J. W. Butler Paper Co	Eabor and materials. Paper Electrical supplies. do Hardware, etc Letters.
do	. Central Electric Co	Electrical supplies
do	. Automatic Electric Co	do
do	. John H. Doyle	Hardware, etc
do	. Tablet & Ticker Co	Letters
do	. A. M. & L. A. Terwilliger	Hardware
do	Twin City Printing Co	Fluctrical cumplica
do	III denyiced Typewriter Co. Tree	Hardware. Printing. Electrical supplies. Repairs, etc. Electrical supplies.
00	The Leads & Northway Co.	The pairs, etc
ao	Dellerbech Bres	Greenies
do	- Danembach Dros	Hordwore
do do do Dec.	S. E. Dillavou. Illinois State Reformatory. The University of Illinois Supply Store. B. A. Strauch. Oliver Chilled Plow Works. L. E. Foglesong. H. Sydow. R. Friedlander & Sohn.	Groceries Hardware Printing Stationery
do	The University of Illinois Supply Store	Stationery
do	B. A. Strauch	Prints
Dec	7 Oliver Chilled Plow Works	Freight
do	L. E. Foglesong	Expenses. Specimens.
do.	H. Sydow	Specimens
	1	Books

# ${\tt GENERAL~UNIVERSITY~WARRANTS}-{\tt Continued}.$

0.	Date.	Dairy Department. E. J. Townsend I. W. Fisk Weston Electrical Instrument Co. E. B. Paine. Morgan Brooks Bennetts Newspaper & Magazine Agency Underwood & Underwood. G. A. Goodenough R. M. Sherman. Barnes-Crosby Co. Truax-Greene & Co. E. G. Soltmann. Illinois State Penitentiary. Powers & Powers. Wheatly Pottery Co. F. D. Lambert E. S. Dodson. Mollie Fraser H. P. Stinespring. J. E. Morgan. The Alexander Lumber Co. The Creamery Journal. Henry Disston & Sons., Inc. O. S. Fisher. American Hereford Journal. The Gardening Co. Burroughs Adding Machine Co. Champion Milk Cooler Co. Whitall Tatum Co. Given Bros. & Nyberg. The Orange Judd Co. The Granger's Chronicle. Macmillan & Co., Ltd. The Meat Trades' Journal Co., Ltd. Mark Lane Express, Ltd. The Brown Hoisting Machinery Co. Federal Sign System James H. Rice Co. The Powers Regulator Co. P. P. Caproni & Bro. International Instrument Co Eimer & Amend General Chemical Co. H. D. Oberdorfer. The Blymer Iron Works Co Jahn & Ollier Engraving Co. Gregory Electric Co. Engineering News The Frederick Post Co. Westerlin & Campbell Co. Buffalo Meter Co. The Torch Press Egypt Exploration Fund Newman F. McGirr Illinois Book Exchange Putman-Page Co., Inc. John E. Scopes & Co. Western Carbon & Ribbon Co. The Torch Press Egypt Exploration Fund Newman F. McGirr Illinois Book Exchange Putman-Page Co., Inc. John E. Scopes & Co. Western Carbon & Ribbon Co. The Varsity Print Shop. American Ceramics Society George M. Sternberg, Treasurer The H. W. Wilson Co. The Varsity Print Shop. American Ceramics Society George M. Sternberg, Treasurer The H. W. Wilson Co. The Varsity Print Shop. American Ceramics Society George M. Sternberg, Treasurer The H. W. Wilson Co. Green Engineering Co. Western Carbon Selectric Co. Green Engineering Co. Gree	For what.	Amou
	1912.			
805	Dec. 7	Dairy Department	Sundry bills	\$ 47
806	do	E. J. Townsend	Expenses	20 20
606 606		Wester Floatricel Instrument Co	Donoiring	20
200	do	E B Paine	Expanses	20 20 105
810	do	Morgan Brooks	do	20
811	do	Bennetts Newspaper & Magazine Agency	Subscription	108
812	do	Underwood & Underwood	Stereographs	- 2
813	do	G. A. Goodenough	Expenses	19
814	do	R. M. Sherman.	do	25
815	do	Barnes-Crosby Co	Half-tones	2
810	ao	Truax-Greene & Co	Syringe	
817 010	00	Illinois State Denitentions	Contracts	19
010 010	do	Powers & Downs	Tydro	1
820	do	Wheatly Pottery Co	Birdhouses	1
821	do	F. D. Lambert	Embryos	1
822	do	E. S. Dodson	Labels	
823	do	Mollie Fraser	Salary, November, 1912	35 55
824	do	H. P. Stinespring	Feed	58
825	do	J. E. Morgan	Wages, November, 1912	13
826	do	The Alexander Lumber Co	Lumber	61
827	do	The Creamery Journal.	Subscription	;
828	do	Henry Disston & Sons., Inc	Saws	
029 020	ao	A mariaan Haraford Issues	Expenses	
03U 221	do	The Gardening Co	do controlling	
833 991	do	Rurroughs Adding Machine Co	Renairs	:
833	do	Champion Milk Cooler Co	Hod	
834	do	Whitall Tatum Co	Laboratory supplies	10
835	do	Given Bros. & Nyberg	Washing	10
836	do	The Orange Judd Co	Subscription	
837	do	The Gardner's Chronicle	do	1 5 1
838	do	Macmillan & Co., Ltd	do	1
839	do	The Meat Trades' Journal Co., Ltd	do	
840	ao	Mark Lane Express, Ltd		
041 040		Federal Sign System	Chatera	0
Q42	do	Tomes H. Dice Co.	Class	3
844 844	do	The Powers Regulator Co	Lahor and materials	3
845	do	P. P. Canroni & Bro	Models	12
846	do	International Instrument Co.	Packings.	
847	do	Eimer & Amend.	Oven	7
848	do	General Chemical Co	Chemical supplies	1
849	do	H. D. Oberdorfer	Expenses	3 3 12 7 1
850	do	The Blymer Iron Works Co	Mill	1 2
851	do	Jann & Ollier Engraving Co	Tracings	2
002		Engineering News	Adventising	4
854	do	The Frederick Post Co	Motorials	
855	do	Westerlin & Campbell Co	Fittings	2
856	do	Buffalo Meter Co	Meter	2
857	do	The Torch Press	Books	2
858	do	Egypt Exploration Fund	do	16
859	do	Newman F. McGirr	Book	
860	do	Illinois Book Exchange	do	
861	do	Putman-Page Co., Inc	Macnine	9
802 800	ao	Western Carbon & Dibbon Co	Coupen book	1
864 600	uo	The Torsion Release Co	Scale	2
265 265	do	The Carswell Co. Ltd	Book	2
866	do	Little-Brown & Co.	do	} '
$\tilde{8}\tilde{6}\tilde{7}$	do	The Varsity Print Shop	Bulletins	1
868	do	American Ceramics Society	Book	
869	do	George M. Sternberg, Treasurer	do	1
870	do	The H. W. Wilson Co	Books	6
871	do	Martinus Nijhoff	do	1
872	do	Agricultural Service Co		1 6 1 2
0/3	do	Otto Harragowitz	J. 40	"
975	do	The Webster Mfg Co	Hardware etc	10
276	do	Enterprise Mfg. Co. of Pannsylvania	Grinders	1 19
877	do	French Battery & Carbon Co	Batteries	9
878	do	General Electric Co.	Electric supplies.	ĩ
879	do	Green Engineering Co.	Tile, etc.	2 19 2 1 16 9
880	do	Westinghouse Electric & Mfg. Co.	Cloth tape	-,
881	do	Western Valve Co	Valves, etc	9
882	do	Sengbusch Self-Closing Inkstand Co	Inkstands	
	ob l	Clara A. Rickets	Salary, November, 1912	1 4

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt \it Continued.}$

о.	Date.	Crane & Co The Uncle Sam Oil Co. of Kansas The Hill & Griffith Co U. S. Reduction Co Joseph T. Ryerson & Son Lemcke & Buechner Grant Carpenter. John Reichard. Fairbanks, Morse & Co F. S. Burch & Co Pasteur Laboratories of America The Zenner Disinfectant Co. Illinois Press Clipping Bureau. Walrus Mig. Co. Bausch & Lomb Optical Co. Oldham Brothers. National Engraving Co L. C. Smith & Bros. Typewriter Co. Henry H. Shufeldt & Co. Frison Carriage Shop. Pantagraph Printing & Stationery Co. W. W. Walls & Co. Remington Typewriter Co. Western Electric Co. Ernst Hertzberg & Sons Twin City Roofing & Sheet Metal Works Standard Oil Co Jacquin & Co. H. W. Johns-Manville Co. Meyer & Wenthe. Jacob White. Percival & Moorehead. A. C. McClurg & Co. The Burr Co Walker & Mulliken. E. H. Sargent & Co. G. E. Stechert & Co. F. W. Muncie. The University Press Burt Hays. Kenney Bros. & Walkins The Urbana Courier Co. C. G. Com. Cable Piano Co The Rudolph Wurlitzer Co. C. C. Logan V. A. Place. J. W. Dunlap, Contractors Freeman & Brooks, Cont	For what.	Amou
	1912.			
3884	Dec. 7	Crane & Co	Binders	\$ 4 9
6888 2006		The Unite Sam Off Co. of Kansas	Gunnling	10
300U 3887	do	II S Reduction Co	Metals	47
3888	do	Joseph T. Rverson & Son	Steel	18 57
3889	do	Lemcke & Buechner	Books	57
8890	do	Grant Carpenter	Livery service	1 153 122
3891	do	John Reichard	Corn	153
3892	do	Fairbanks, Morse & Co	Scale	122
3893	do	F. S. Burch & Co	Tags	4
894	do	Pasteur Laboratories of America	Tuberculin solution	10 12
เซษอ เจกต	do	Illinois Press Clipping Purson	Services	5
1907 1907		Walrus Mfg Co	Cases	97
1898 1898	do	Bausch & Lomb Ontical Co	Laboratory apparatus	97 481
899	do	Oldham Brothers	Drugs	10
3900	do	National Engraving Co.	Engraving.	138
901	do	L. C. Smith & Bros. Typewriter Co	Rental and machines	130
8902	do	Henry H. Shufeldt & Co	Alcohol	116
903	do	Frison Carriage Shop	Labor and material	6
8904	do	Pantagraph Printing & Stationery Co	Supplies	15
ษกกอ		Pomington Typografton Co	Machines	138 130 116 6 15 25
OUT CAPT	do	Western Electric Co	Electric supplies	94 12 76 56 74 7 233 132
เดกร	do	Ernst Hertzberg & Sons	Books	76
909	do	Twin City Roofing & Sheet Metal Works	Hardware	56
910	do	Standard Oil Co	Oil	74
911	do	Jacquin & Co	Blanks	7
912	do	H. W. Johns-Manville Co	Sundries	233
3913	do	Meyer & Wenthe	Stamps, etc	
3914	do	Jacob White	Labor	132
915	do	Percival & Moorenead	Hardware	55 273
910	do	The Burn Co	Labor and materials	129
9116		Walker & Mulliken	Furniture etc	270
010	do	E. H. Sargent & Co	Laboratory apparatus	270 469 197
920	do	G. E. Stechert & Co	Books.	197
921	Dec. 9	F. W. Muncie	Expenses	- 2
922	do	The University Press	Printing	11
923	do	Burt Hays	Billiard ball	1
3924	do	Kenney Bros. & Walkins	Cards	ļ
3925	do	The Urbana Courier Co	Bulletins	00
926	on	Cable Piene Co	Cases	19
9 <i>21</i>	do	The Rudolph Wurlitzer Co	Records	21
1020 1020	do	C C Logen	Field expenses	72
930	do	V. A. Place	Expenses	14
931	do	J. W. Dunlap, Contractor	Final payment.	89
932	do	F. A. Pearson.	Field expenses	26
3933	do	L. R. Lang	Expenses	
934	do	Freeman & Brooks, Contractors	Payment on contract	11 1 1 6 6 12 21 73 14 89 20 6 1,75 799
935	do	Freeman & Brooks, Contractors	do	798
936	ao	Reliable Flumbing & Heating Co	Field avpages	542 10
หอง เกรจ	uo	D. Friedlander & Sohn	Rooks	1 6
เดริบ เลจิจ	do	Henry Sotheren & Co	Rook	342 12 9 8 325 328
940 1940	do.	C. S. Hill	Cow.	325
941	do.	Hunter-Rourke & Co., Contractors	Payment on contract	328
942	do	Webster Mfg. Co., Contractors.	do	74
3943	do	F. C. Lincoln	Expenses	18
944	do	Snead & Co. Iron Works	Book-cases	13 215 49 29
945	do	C. H. Brownell	Booth	49
946	do	Tebbo Tebben	Field expenses	20
947	do	Wm. Aten, Sr.	00	30 342 85
948	ao	U.O. FISHEF	do	942
944 1050	do	Frank Margan	do	5.5
3951	do	Albert Tate	do	41
3959	do	F. L. Hale.	do	13
3953	do	Henry Pfau	do	47
3954	do	Kelley's Shoe Store	Boots.	ξ.
3955	do	H. I. Carpenter	Tuning	10
8956	do	Flanigan-Pearson Co	Printing	10 325 190
8957	do	O. E. Staples, Chief Clerk	Freight	190
8958	do	O. E. Staples, Chief Clerk	Express	55 1, 104
8959	Dec. 10	Bennetts Newspaper & Magazine Agency	Books, etc	1,104
5960 5000	do	G. J. Koons	Expenses	3
5961	ao	Managart Olden	00	3
		margaret Older	ao	4

To.	Date.	To whom.  W. A. Richards. Helen Day. L. W. Robbins B. Ellen Drew. Clara E. Ela. F. M. Giles. T. H. Ziegler C. S. Ford F. S. Needham. G. A. Harper. C. H. Elliott. L. A. Fulwider Ellen M. Henrotin F. W. Cox. C. R. Briggs. Mina A. Maxey. C. E. Allen. Clara I. Dailey. W. O Meissner H. A. Hollister Laura Frazeur F. A. Hawley. Ralph Hilscher John B. Bennett Fred L. Hatch Ralph Chaplin L. E. Foglesong. B. S. Pickett O. S. Walkins. C. M. McConn. White Line Steam Laundry. C. S. Hill. A. W. Nolan J. L. Garrison G. L. Koch The Dining Shop O. W. Hampton Eugene Manning U. & C. Railway, Gas & Electric Co. Electric Coal Co. City of Urbana. Kirkpatrick's University Store Economic Geology. The Cudahy Packing Co. The American Crayon Co. Angler's Bait & Mig. Co. The American Hackney Horse Society Freemam & Brooks. Link-Belt Co., Contractors Allsteelquip Co. The American Hackney Horse Society Freemam & Brooks. Link-Belt Co., Contractors Allsteelquip Co. The Meriam Co. Electric Applicance Co. Dodge Mig. Co. The Meriam Co. Electric Applicance Co. Dodge Mig. Co. The Meriam Co. Electric Applicance Co. Dodge Mig. Co. The Meriam Co. Electric Applicance Co. Dodge Mig. Co. The Meriam Co. Electric Applicance Co. Dodge Mig. Co. The Break & James, Inc. Edward C. Schmidt The Gutta Percha & Rubber Mig. Co. Eastman Kodak Co. W. H. Hogan Little Brows John W. Stipes J. F. Unipleby, Contractor S. A. Connor & Sons. Champaign Seed Co. The Break & James, Inc. Edward C. Schmidt The Gutta Percha & Rubber Mig. Co. Eastman Kodak Co. W. H. Hogan Little Brows John W. Stipes J. F. Unipleby, Contractor S. A. Connor & Sons. Champaign Seed Co. The Break & James, Inc. Edward C. Schmidt The Gutta Percha & Rubber Mig. Co. Eastman Kodak Co. The Letter Ecopo Coreanery Package Mig. Co. The Break & James, Inc. Edward C. Schmidt The Gutta Percha & Rubber Mig. Co. Electric Applicance Co. Dodge Mig. Co. The Break & James, Inc. Edward Co. Free Break & Grosh Cuttery Co. Creamery Package Mig. Co. The Snead & Co. Iron Works Bacon Brothers J. F. Unipleby, Contractor J. F. Ga	For what.	Amou
	1912.			
8963	Dec. 10	W. A. Richards	Expenses	\$ 8
8964	do	Helen Day.	do	3
8965	do	L. W. Robbins	do	1 2
8966	ao	B. Ellen Drew		
8967	ao	Clara E. Ela	00	
8908	do	F. M.Giles	00	9 6 6 7 10 7 11
0070	uo	C C Tord	do	1 2
0071	do	E C Mandham	do	2
2079		C A Harner	do	}
0914 2072:	do	C H Fllictt	do	16
2074	do	T. A Fuluridar	do	1
2075	do	Ellan M. Hanrotin	do	11
8976	do	F. W. Cox	do	13
8977	do	C. R. Briggs	_do_	l îi
8978	.do	Mina A Maxev	do	
8979	do	C. E. Lawver	do	12
8980	do	C. E. Allen	do	7
8981	do	Clara I. Dailey	do	,
8982	do	W. O Meissner	do	11 13 13 28 15 59 34 29 7
8983	do	H. A. Hollister	do.	28
8984	do	Laura Frazeur	do	7
8985	do	F. A. Hawley	Concrete work	59
8986	do	Ralph Hilscher	Expenses	34
8987	do	John B. Bennett	Labor and material	43
8988	do	Fred L. Hatch	Expenses	29
8989	Dec. 11	Ralph Chaplin	Straw	1
8990	do	L. E. Foglesong.	Expenses	[
8991	do	B. S. Pickett	do	
8992	do	O. S. Watkins	[do	18
8993	do	C. M. McConn	do	22
8994	do	White Line Steam Laundry	Washing	22
8995	do	C. S. 丑ill	Tuning piano	. 2
8996	do	A. W. Nolan	Expenses	10
8997	do	J. L. Gardner	do	
8998	do	H. W. Mumford	Expenses	24
8999	do	G. A. Garrison	Straw	256
9000	do	G. L. Koch	Hay	678
900T	ao	The Dining Shop	Serving	256 678 15 234
9002	qo	O. W. Hampton	Oats	234
9003		Eugene Manning	Supplies	234 843 2,386 2,386
9004	do	Electric Cool Co	Cool	0 200
9000	Doc 19	City of Urbana	Licongo	ے 500 رک
0000	Dec. 12	Tink not violate Train registry Store	Mills tielsets	- 4
2007	do	Economia Coology	Rook	6
0000	do	The Cudeby Dealing Co	Soon-nowder	19
0010	do	The American Crayon Co	Crayone	20
0011	do	Anglar's Rait & Mfg Co	Frogs	- 2
0012	do	The Kny-Schoorer Co	Models	86
0013	do	Dairyman & Farmer's Union Journal Co.	Subscription	4
9014	do	The Maher & Grosh Cutlery Co.	Shears.	2.4
9015	do.	Creamery Package Mfg. Co	Dairy supplies.	24 75
9016	do.	The American Hackney Horse Society	Book.	i
9017	do	Freeman & Brooks	Concrete work	8
9018	do	Link-Belt Co., Contractors	Payment on contract	2,872 78
9019	do	Allsteelquip Co	Shelving	73
9020	do	The Meriam Co	Gas fixtures	63
9021	do	Electric Applicance Co	Electrical supplies	1 7
9022	do	Dodge Mfg. Co	Couplings	36 47 150
9023	do	The Reprint Co., Inc	Reprints	47
9024	do	Burke & James, Inc	Photo supplies	1 7
9025	do	Edward C. Schmidt	Expenses	7
9026	do	The Gutta Percha & Rubber Mfg. Co	Hose	150
9027	do	Eastman Kodak Co	Films and paper	8
9028	do	W. H. Hogan	Hay	18
9029	do	Little Brown & Co	Book	4
9030	do	S. O. Andros	Field expenses	1, 274
9031	'do	John W. Stipes	Labor and material	1,274
9032	do	J. F. Umpleby, Contractor	do	312
9033	do	S. A. Connor & Sons	T110	312
9034	do	Champaign Seed Co	Seeds	34
9035	do	The Snead & Co. Iron Works	Metal shelving	364
9036	do	Bacon Brothers	Supplies	23
9037	do	The Alexander Lumber Co	Lumber	364 23 48 31
9038	do	The Letter Shop	Multigraph work	31
9039	do	Central Electric Co	Electric supplies	134 1 168

To.	Date.	G. S. Ford. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. Twin City Creamery Co. The Setfon Mig. Co. United States Audit Co. The University Press. Rosa-Lee Gaut. 20th Century Press Clipping Bureau. B. E. Powell. C. Anschicks. J. V. Stevenson. J. L. Edmonds. Walter H. Rowe. James F. Umpleby. The Phoenix Nursery Co. The Van Dorn Iron Works Co. Arthur H. Thomas Co. Houser & Sutton. Freeman & Brooks, Contractors. A. W. Fischer. Universal Drafting Machine Co. A. W. Jobbins-Pomeroy. W. W. Lindley, Postmaster. Southern Illinois Penitentiary. L. C. Smith & Bros. Typewriter Co. W. G. Stromquist. The Taylor Hardware Co. Twin City Roofing & Sheet Metal Works. E. W. Sampson. E. H. Sargent & Co. G. W. Sheldon & Co. Spencer Lens Co. University Club of Urbana & Champaign. Twin City Printing Co. V. A. Ketcham. A. L. A. Publishing Board Chicago Cork Works Co. F. H. Rankin. Automatic Electric Co. Imperial Cotto Milling Co. Chicago Calcium Light Co. Corbin Cabinet Lock Co. The A Burdsal Co. The A Burdsal Co. The A Burdsal Co. The Babcock & Wilcox Co. Chileago Fuse Mg. Co., Contractors. C. J. Welch, Contractor Callaghan & Co. H. W. Johns-Manville Co., Contractors. The Babcock & Wilcox Co. Chicago Fuse Mg. Co. The A Gray Co. George Poll L. D. Hall J. B. Andrews Edward Bartow Ernst Leitz. Kilborn Photo-Paper Co. Illinois Motor Car Sales Co. Illinois Press Clipping Bureau McIntosh Stereoptian Co. The V. J. Anderson Co. Randward Bartow Ernst Leitz. Kilborn Photo-Paper Co. Illinois Press Clipping Bureau McIntosh Stereoptian Co. The V. D. Anderson Co. Randward Bartow Ernst Leitz. Kilborn Photo-Paper Co. Illinois Motor Car Sales Co. Illinois Motor Car Fales Co. Crucible Steel Co. of America. The Lunkenheimer Co. Crucible Steel Co. of America. The Lunkenheimer Co. Crucible Steel Co. of America. The Lunkenheimer Co. Crucible Steel Co. of America. Frederical Ester Co. Knowley & Co. Crucible Steel Co. of America. Frederical Ester Co. Knowley & Co. Crucible Steel Co. of America. Frederical Sign System.	For what.	Amou
	1912.			
9042	Dec. 12	G. S. Ford	Books	\$ 20 450 598 17 36 209
9043	Dec. 14	O. E. Staples, Chief Clerk	Snyder deposit refunds	450
9044	do	O. E. Staples, Chief Clerk	Students' payroll	598
9045	do	Twin City Creamery Co	Milk, etc	17
9046	do	The Sefton Mfg. Co	Supplies	36
9047	do	United States Audit Co	Services and expenses	209
9048	do	The University Press	Printing	208 28 2 2 12
9049	do	Rosa-Lee Gaut	Wages, November, 1912.	28
050	do	20th Century Press Clinning Bureau	Clinnings	- 9
1051	do	B E Powell	Expenses	19
กรร	do	C Anschiolze	Roots	. 7
1052		T V Ctorrongon	Expanses	ğ
1000	qo	T T Todayanda	EADOUSOS	21 30 119 91
1004	uo	J. D. EUHOHUS	T -1	21
1000	ao	warter H. Rowe	Labor	110
1056	ao	James F. Umpleby	нау	116
3057	do	The Phoenix Nursery Co	Trees and plants	91
058	do	The Van Dorn Iron Works Co	Letter boxes	43
059	do	Arthur H. Thomas Co	Laboratory apparatus	42 171 1, 959 45 53 10
9060	do	Houser & Sutton	Hay	171
0061	do	Freeman & Brooks, Contractors	Payment on contract	1, 959
062	do	A. W. Fischer	Expenses	4.5
กลร	do	Universal Drafting Machine Co	Instruments	53
0000		A W Jobbing Pomorov	Turlog	10
1004		W W Lindley Destmester	Destage	50
000		Conthan This is Desit and in an	T OS large	. 10
000	ao	Southern impois Penitentiary	L. S. dust	18 70
1067	do	L. C. Smith & Bros. Typewriter Co	Macnine	70
068	do	W. G. Stromquist	Expenses	15
9069	. do	The Taylor Hardware Co	Tin tubes	{
070	Dec. 16	Twin City Roofing & Sheet Metal Works	Metal supplies	38
071	do	E. W. Sampson	Rent and harness supplies	75
072	do	E. H. Sargent & Co	Laboratory supplies	367
073	ob	G. W. Sheldon & Co.	Duties, etc.	54
0.74	do	Spancer Lone Co	Instruments	16 38 72 367 367 54 97 50 135
0075		Thivoresty Club of Hrhone & Chemneign	Entertaining	50
2010		Twin City Printing Co.	Stomps eta	
7077	Dec 17	Will City I Illiang Co	Expanded	12
2077	Dec. 11	A T A Dublishing Doord	D colva	100
1019	ao	A. L. A. Publishing Board	DOOKS	۱ ۵
1079	do	Cnicago Cork works Co	Tapers	1 04
9080	do	F. H. Rankin	Expenses	15
9081	do	Automatic Electric Co	Electrical supplies	2
9082	do	Imperial Cotto Milling Co	Tankage	208
9083	do	Chicago Calcium Light Co	Gas	64 152 208 208 483 98
9084	do	Corbin Cabinet Lock Co	Keys	1 8
9085	do	The A. Burdsal Co	Drver	) 8
9806	do	The American Clay Machinery Co	Machinery	481
087	do	Fuller & Fuller Co	Ether	98
กรร	do	Brown & Sharne Mfg. Co	Caliners	1
กลด	do	The Foley Mfg Co. Contractors	Payment on contract	3 82
กกกก	do	C I Welch Contractor	do	1 020
1001		Colleghan & Co	Pooler	1,02
1000	ao	T III I-lan Manaille Ca Cartaratana	Double of contract	i en
1092	ao	H. W. Johns-Manyine Co., Contractors	Payment on contract	000
1093	ao	The Bancock & Wilcox Co	Tubes	23
094	do	Chicago Fuse Mg. Co	Fuses	2
1095	do	The Carborundum Co	w neels	1 10
9096	do.*	The G. A. Gray Co	Feed rack	
097	do	George Poll	Labor and services	2
098	do	L. D. Hall	Expenses	2
0099	do	J. B. Andrews	1do	2
iññ	do	Edward Bartow	do	3
101	Dec 10	Ernst Loitz	Microscope	1 1
1100	- do - 10	Wilhorn Photo Paner Co	Panar	1 1
1102		Illinois Motor Cor Solos Co	Livory	] ;
710	uo	Illimaia Droga Climpia - Deserve	Conviosa	) ;
J1U4		Inmois Fress Cupping Bureau	Del vices	1 4
102	do	mermosu stereopucan Co	Apparatus	1 4
1100	do	The v. D. Anderson Co	Steam trap	3
9107	do	Kand McNalley & Co	<u>map</u>	
9108	do	Edward Orton, Jr	Reprints	80
9109	do	A. W. Stoolman, Contractor	Payment on contract	3, 822 1, 022 600 22 23 36 11 11 33 8 5, 522
9110	do	American LaFrance Fire Engine Co	Brass rings	
9111	ido	Crucible Steel Co. of America	Steel	40
9112	do	The Lunkenheimer Co	Grease cups	1 :
9112	do	John Armstrong Lime & Quarry Co	Limestone	4
0114	do	Knowlton & Bennett	Drugs etc	3
011#	do	Illinois Stata Panitantiany	Furnitura	33 97 33 52
0110	uo	A C Macling & Co	Pooleg	25
ATT0		A. O. MCCIUIT & CO	DUUKS	20
9117	do	Crane Co	Suppnes	52
9118	do	Keunen & Esser Co	Apparatus	24
0110	do	M. G. Kibbe	Supplies	1 1
9119				

0.	Date.	To whom.	For what.	Amou
	1912.	F. M. Leslie. The Burr Co. Leavitt Mg. Co. J. W. Butler Paper Co. Flanigan-Pearson Co. General Electric Co. C. H. Besly & Co. Green Street Pharmacy Gaylord Bros. P. Adams. Addressograph Co. The C. A. Hall Hardware Co. W. C. Zimmerman. Weston Electrical Instrument Co. The Garlock Packing Co. J. M. White. Montgomery Ward & Co. J. C. Christensen. Jacob White. M. B. McNutt. The Mallory Studio. Twin City Roofing & Sheet Metal Works The Snead & Co. Iron Works, Inc. Shavings & Sawdust Co. J. H. Rhodes & Sawdust Co. J. H. Raffeld J. F. Hosie J. J		
121	Dec. 18	F. M. Leslie	Framing pictures	\$ 21
122	do	The Burr Co	Hardware, etc	102
123	do	Leavitt Mig. Co	Trolly, pump, etc	323
24	αο	J. W. Butler Paper Co	Paper	58
25	do	Flanigan-Pearson Co	Printing	82
120	do	General Electric Co	Electrical apparatus	58 42 12
127	00	Change Street Diagrams	Hardware	42
128 190	do	Green Street Pharmacy	Supplies	12
120		D Adams	Dinders	54 65 42 51 2, 330
131 190		Addressement Co	Addresses	00
130	do	The C A Hell Hardware Co	Handware	51
132		W C Zimmermen	Projectional convice	9 220
134	do	Woston Floatrical Instrument Co	Popoiring	2, 330
132		The Carlest Besting Co	Ding posing	1 46
126		T M White	Expenses	2, 686 46 17
127	do	Montgomery Word & Co	Blookboords	1 3
136	do	IT C Christonson	Expenses	27
130	do	Locob White	Plactoring	23 1 1 18
140		M D MoNutt	Prints	1
141		The Mellow Chadie	Clides	1
141		Twin City Deefing & Chest Metal Works	Tobor and materials	10
142		The Creed & Co. Tree Works Tree	Chalring	200
140	do	Charings & Coundrest Co.	Charrings	209
145	do	IT II Dhodon & Co	Chlorida	284 90 10
140 146		Deliable Dlymbing & Heating Co. Con	Cnioriae	10
140		Renable Flumbing & Heating Co., Con-	D	671
1.45	م تد	Times Conserve Co	Раушен он социаст	016
140	uo	Tavia Elv. 6 Co	Denomina	1
140		Notional Domilator Co	Taken and material	10
148 160	do	Coder Heimann Co	Madela Dia 100 and material	13
100		Time of the state	M odeis	4,
160	do	The Lind Air Dreducts Co	Orregon	
102		The Lind Air Products Co	Oxygen	678 6 19 42 48 48 5 6 8 8 8 20
100		The Leeds & Northrup Co	Thermometer	43
104	do	W. D. Read & Co	Paper	1 5
100		Tit-li- on Walti-la Ca	Stamps	,
155	do	Who Storns & Transison Co	Dlanta	1 2
107	do	The Western Cos Firsture Co	Firstance	9
150	do	The Versity Print Shee	Drinting	9
160	do	F C Lincoln	Evnoncog	-
161	do	I W Clean	до	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
169	do	W W Hoffold	do	1 2
163	do	T F Horia	do	1
164	do	C M Wiriek	do	3
165	do	W E Tower	do	) ;
166	do	H E Brown	do	1 7
167	do	A. L. Odenweller	do	ł è
168	do	R. L. Sandwick	do	1 6
169	do	R. W. Pringle	do	}
170	do	I. C. Marberry	do	1 2
171	do	Dry Grove Farmers' Grain Co.	Corn	525
179	do	W. B. Saunders Co.	Book	3
173	do	W. N. Budd	Expenses	1 18
174	do	W. S. Perrine	do	18
175	do	Curtis & Co. Mfg. Co	Castings	[ ]
176	do	Army & Navy Register	Subscription	23 11
177	do	John B. Bennett	Tile	2
178	do	Bryan Marsh Electric Works.	Electrical apparatus	117
179	do	Freeman & Brooks, Contractors	Payment on contract	552
180	do	Wilhelm Miller	Expenses	42
181	do	Beers & Clinkenbeard	Premiums	43 15
182	do	H. P. Rusk	Expenses	44
183	do	L. A. Hunter	ldo	1 8
184	do	L. H. Smith	do	72
185	do	W. H. Galliher	Field expenses	44 8 72 146
186	do	W. J. Fraser	Expenses	44
187	do	O. S. Watkins	Field expenses	9
188	do	J. H. Carter	do	41
189	ldo	F. D. Long	ido	86
190	do	Alfred Bergren	do	39
191	do	A. L. Moats	Expenses	29
199	do	Fred Falk.	do	39 29 86
193	do	G. W. Matheny	do	70
194	do	C. V. Gregory	do	6
195	do	H. C. Wheeler	do	6 240
197	ldo	J. E. Whitchurch	do	112
107	do	Twin City Feed Mill & Coal Yard	Grinding corn.	4 15
			73	17
198	o.b.	Fred Pine.	Expenses	

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

o.	Date.	To whom.	For what.	Amou
	1912.	J. F. Garrett.  J. F. Ferguson D. H. Lloyde J. H. Doyle Metzler & Schafer Co. Bacon Brothers. R. C. Wagner & Son. Reliable Plumbing & Heating Co. G. C. Willis. Standard Oil Co. S. C. Tucker. Meyer & Wenthe. W. W. Walls & Co. J. C. Thomas. Wm. Price Estate. J. B. Clow & Son. The Taylor Hardware Co. Walker & Mulliken. C. F. Witt. Western Carbon & Ribbon Co. Mills Electric Co. Central Electric Co. Central Electric Co. The Alexander Lumber Co. J. W. Amrine. H. F. Chester Twin City Printing Co. J. M. Whire. Universal Portland Cement Co. The J. F. Burnham Hospital L. F. Nafis. L. F. Nafis. L. F. Nafis. L. F. Nafis. W. Paul. Twin City Electric Co. E. E. Sandall V. E. Spencer H. A. Cate. A. F. Krueger G. W. Beardsley A. S. Ambrose. John Balcom. A. Ten Broeck L. H. Lang L. M. Wakeley H. A. DeWerff R. C. Kastler The Ashcroft Mig. Co. Paul Hansen. The Cold Co. The John Co. The John Co. The New Cold Storage Co. The Vibrona Courier Co. Oldham Bros National Engraving Co. A. S. Nelson & Sons. Mittendorf & Kiler. Co. Mittendorf & Kiler. Mittendorf & Kiler. Co.		
9199	Dec. 18	J. F. Garrett	Expenses	\$ 3
200	do	H. F. Ferguson	Ctation and ato	53 5
201	do	D. H. Dloyde	Hardware, etc	97
202	do	Matelar & Schafar Co	Hardware. Groceries Paper and paints. Hauling and coal. Pipe and supplies. Dry goods. Oil. Drugs. Stamps. Lumber, etc. Hardware. Supplies. Pipe. Hardware. Furniture. Harness and repairs. Paper and ribbons. Wire braid. Electrical supplies. Lumber. Hay Livery.	27 71
204	do	Bacon Brothers	Paper and paints	28 26 141
205	do	R. C. Wagner & Son	Hauling and coal	26
206	do	Reliable Plumbing & Heating Co	Pipe and supplies	141
207	do	G. C. Willis	Dry goods	27 35
208	do	Standard Oil Co	Oil	35
209	do	S. C. Tucker	Drugs	5 4
5210	do	Meyer & Wenthe	Stamps	4
1211	00	W. W. Walls & Co	Lumber, etc	41 12
212		J. C. Thomas	Campling	97
1210		T P Clay & San	Dine	27 101
215	do	The Taylor Hardware Co	Hardwara	19
216	do	Walker & Mulliken	Furniture	12 442
217	do	C F Witt	Harness and renairs	139
218	do	Western Carbon & Ribbon Co.	Paper and ribbons	5 42
219	do	Mills Electric Co.	Wire braid	42
220	do	Central Electric Co	Electrical supplies	48 88
221	do	The Alexander Lumber Co	Lumber	88
222	do	J. W. Amrine	Hay	685 40
223	do	H. F. Chester	Livery Supplies Expenses Cement Bills	40
224	do	Twin City Printing Co	Supplies	35 35
225	do	J. M. Whire	Expenses	35
226	Dec. 19	Universal Portland Cement Co	Cement	40 243
227		The J. F. Burnnam Hospital	Bills	245
228		L. F. Nans	BottlesValves	
220	do	The American Clay Machinery Co.	Valves Table Apparatus Telephone Electrical supplies Expenses .do	169
1230		The Thermal Syndicate Ltd	Apperatus	77 2 168
232	do	P W Poul	Telephone	14
233	do	Twin City Electric Co	Electrical supplies	13 32
234	do	E. E. Sandall	Expenses	32
235	do	V. E. Spencer	_do	26
236	do	H. A. Cate.	do	26 28
237	do	A. F. Krueger	do	7
238	do	G. W. Beardsley	do	7
239	do	A. S. Ambrose	do	14
240	do	John Balcom	do. Expenses. do.	26 77 77 14 8 12 2
241	do	A. Ten Broeck	do	12
242	do	L. H. Lang	do	2
243	uo	H A DoWorff	. do	31
245	do	R C Kostlar	do	30
246	do	The Ashcroft Mfg Co	Pulleys	31 30 10
247	do	The New Departure Mfg. Co	Bearings.	ie
348	do	Novo Engine Co	Carburetor	4
249	do	Paul Hansen	Expenses	41
250	do	Twin City Ice & Cold Storage Co	Ice	96
251	do	The Urbana Courier Co	Bulletins	25 11
252	do	Oldham Bros	Ice. Bulletins. Supplies. Half tones.	11
253	do	National Engraving Co	Hall tones	29
254	0	A. S. Nelson & Sons	Groceries	163
252	00	A morioon Padiator Co	Half tones Groceries Furniture Supplies Chemicals Labor and materials Apples do Expenses Fraight	100
257	uo	T T Relat Chamical Co	Chamicals	163 67 96
250	do	C. I. Welch	Labor and materials	
250	do	J. C. B. Heaton	Apples	010
260	do	L. R. Emory	do	79 19
261	do	F. L. Stevens	Expenses.	79
262	do	W. H. Calliher	Freight	19
263	do	Pantagraph Printing & Stationery Co	Paper and printing	1,339
264	do	A. W. Stoolman, Contractor	Payment on contract	3, 203
265	Dec. 20	A. J. Herbolsheimer	Services and expenses	27
266	do	P. S. Pierce	Expenses Freight Paper and printing Payment on contract. Services and expenses Expensesdododo	1, 339 3, 203 27
267	do	K. L. Moorehead	qo	8 5 7
208	do	Artnur Semple	00	ā
209	op	J. A. Fletcher	. do	7
271	uo	T. M. White	do	24
272	uo	H D Oberdorfer	do	24 10
272	uo	Mittenderi & Kiler	Payment on contract	10 700
1274	do	F L Washburn	Expenses	100
275	do	Twin City Ice & Cold Storage Co. The Urbana Courier Co. Oldham Bros. National Engraving Co. A. S. Nelson & Sons. Mittendorf & Kiler. American Radiator Co. J. T. Baker Chemical Co. C. J. Welch. J. C. B. Heaton. L. R. Emory. F. L. Stavens. W. H. Calliher Pantagraph Printing & Stationery Co. A. W. Stoolman, Contractor. A. J. Herbolsheimer P. S. Pierce. R. L. Moorehead. Arthur Semple J. A. Fletcher R. F. Shaffer J. M. White. H. D. Oberdorfer. Mittendorf & Kiler F. L. Washburn. H. H. Stoek. H. A. Hollister F. W. Gault.	dodoPayment on contractExpensesdo.	19
2.0		H A Hollistor	do	34 64
12761				

To.	Date.	To whom.	For what.	Amou
	1912.			
9278	Dec. 20	C. A. Campbell	Expenses	\$ 67
9279 0080	ao	R. W. Dickenson	do	87
928U 0981	do	C T Nowlin	. do do. Wages, December, 1912. Expenses. Brushes Laboratory machinery Expenses.	275 75
9282	do	W. G. Stromanist	Expenses	
9283	Dec. 21	Marshall Field & Co.	Brushes	20 14 420 10 6
9284	do	American Concentrator Co	Laboratory machinery	420
9285	Dec. 23	C. G. Winn.	Expenses	10
9286	do	J. M. Tanner	do	6
9287	do	J. F. Stout	do	15
9288	do	C. A. Campbell. R. W. Dickenson. Elmer Musgrove C. I. Newlin. W. G. Stromquist. Marshall Field & Co American Concentrator Co. C. G. Winn. J. M. Tanner J. F. Stout. L. W. Duncan. F. M. Simpson J. M. White. The Hispanic Society of America. C. V. Ritter J. L. Edmonds. C. P. Briggs. T. W. Galloway. Allice Terganza H. F. Miller. T. J. McCormack B. C. Moore. Celestine Rice. Augusta Krieger T. J. Burrill McKey & Plague, Agents. S. V. Holt. W. M. Sweatman. J. A. Rumer A. L. Moats. F. W. Garrett John Berlin. D. H. Stevenson. Edward Bartow. Ernst Hertzberg & Sons. G. E. Stechert & Co. The Burgess Stock Farm Olliver Kamm G. E. Stechert & Co. The Burgess Stock Farm Olliver Kamm G. E. Stechert & Co. A. C. McClurg & Co. L. R. Bryant. O. M. McElvain. F. L. Busey. G. E. Frazer G. B. Utley Louis B. Malecki & Co. Geo. H. Rudy Dryer & Burt. N. W. Hepburn. D. O. Barto. D. C. Morrissey. The Powers Regulator Co. L. A. Spies. Chas. Gilkerson. Smith-Totman Co. G. C. Habermeyer F. M. Mann. P. Adams W. G. Griffith Odin Coal Co. J. F. Johnson A. E. Morris. J. H. Smith J. R. Wells. H. F. Ferguson. R. J. H. Smith J. R. Wells. H. F. Ferguson. D. A. Abrams D. A. Abrams D. A. Abrams D. A. Alden. W. C. Allee C. H. Allen	. do	100 26 12 3
9289	do	F. M. Simpson	Expenses	20
929U 0901	do	J. M. White	Pooles	12
9291	do	C V Rittor	do	ı
9293	do	I L Edmonds	Expenses	.6 11 17
9294	do	C. P. Briggs	d0	11
9295	do	T. W. Galloway	do	17
9296	do	Alice Terganza	do	1
9297	do	H. F. Miller	do	17 1 7 5
9298	do	T. J. McCormack.	do	5
9299	do	B. C. Moore	do	2
9300	do	Celestine Rice	do	1
9301	do	Augusta Krieger	do	2
302	do	T. J. Burrill	Allowance, December, 1912	250 500
3003	αο	McKey & Poague, Agents	Rental	500
1001		S. V. Holt	Expenses	13 124
1909	do	wm. sweatman	rieid expenses	124
3300	do	J. A. Rumer	do	27
3305	do	F W Corrett	Evnances	32 76 39 54 222
9300	do	Tohn Barlin	Field expenses	76
9310	do	D H Stavenson	Expanses	39
3311	do	Edward Bartow	do	54
9312	do	Ernst Hertzberg & Sons.	Bookbinding	222
9313	do	G. E. Stechert & Co.	Books	274
9314	do	The Burgess Stock Farm	Stallion	274 2, 100
9315	do	Oliver Kamm	Services	30 413
9316	do	G. E. Stechert & Co	Books	413
9317	do	A. C. McClurg & Co	do	145
2318	do	L. R. Bryant	Apples	2
9319	do	O. M. McElvain		2
1020	do	C E Eroson	Expenses	8 19
1399 1406	do	G B IItley	Lecture and expenses	25
3323	do	Louis B Malacki & Co	Supplies	6
324	do	Geo. H. Rudy	Coops	13
325	do	Dryer & Burt	Oats.	28
326	do	N. W. Hepburn	Expenses.	3
327	do	D. O. Barto	do	25
328	do	D. C. Morrissey	Canvas	50
329	do	The Powers Regulator Co	Apparatus	50 50
330	do	L. A. Spies.	Expenses	10
3331	do	Chas. Gilkerson	do	11
332	do	Smith-Totman Co.	Payment on contract	350
1553	ao	G. U. Habermeyer	Expenses	8 75
1295	uo	r. m. Mann	Tooming oto	75 45
1338	do	W G Griffith	Field expenses	174
3337	do	Odin Coal Co	do	174 498
3338	do.	J. F. Johnson	do	65
3339	do.	A. E. Morris	do	64
340	do	J. H. Smith	ldo	64
341	do	J. R. Wells.	Expenses	64 64 10
342	do	H. F. Ferguson	do	10
343	do	W. G. Stromquist	do	14 4
9344	do	A. L. Epstein	do	4
345	do	Ralph Hilscher	do	27
9346	do	Electric Coal Co	Coal	160
9347	do	watson Faulkner	Drugs, etc	6 94
348	do	V. K. Barnes.	wages, December, 1912	94
3250	ao	P A doma	Houling etc	50
900U	Dog 21	D A Abrome	Salary Docomber 1019	52 133
1001	Dec. 31	D. A. ADIAMS	Salary, December, 1912	127
0252	o	D M Aldon	do.	137 333
0000	uo	W C Alloo	do	120 30
2354				

0.	Date.	To whom.	For what.	Amou
	1912.	C. W. Alvord L. E. Anderson S. O. Andros June M. Ashley Ruth S. Atwell G. D. Bagley W. C. Bagley W. C. Bagley W. H. Bair I. O. Baker R. E. Baker J. T. Barrett H. Barrett J. T. Barrett H. H. Bartells P. S. Barto H. J. Barton Edward Bartow S. J. Bates P. J. Batkin W. S. Bayley G. D. Beal J. H. Beard J. B. Beck J. B. Beg J. B. Beck J. B. Beg R. Bod R. L. Bogart G. P. Boomsliter Ethel Bond R. L. Borger C. V. Boyer R. O. Brigham Alice D. Brooks Morgan Brooks Norgan Brooks Norg		
356	Dec. 31	C. W. Alvord	Salary, December, 1912	\$145 208
357	do	L. E. Anderson	do	208
がり8 1950		S. O. Andros		150 30 60
เรยบ เรยบ	ao	Duth S Atwall	do	60 60
1361	do	C D Rogley	Scholarship December 1912	25
362	do	W. C. Bagley	Salary, December, 1912	25 291 50 50 333 30 150 183 50 30
363	do	Margaret L. Bailev	Fellowship, December, 1912	50
364	do	W. H. Bair	Salary, December, 1912	50
365	do	I. O. Baker	do	333
366	do	R. E. Baker	do	30
367	do	E. C. Baldwin	do	150
308	do	U. W. Balke	do	183
370		Drongy Borger	do	30
371	do	I T Borrett	do	58
372	do	H H Bartells	do	50 100 250
373	do	P. S. Barto.	do	100
374	do	H. J. Barton	do	250
375	do	Edward Bartow	do	291
376	do	S. J. Bates	do	100 40 187 120 120
377	do	P. J. Batkin	do	40
3/8	00	W.S. Bayley	00	187
280	uo	U. D. Beal	do	120
381	do	J. B. Back	do	166
382	do	J. E. Bell	_do	291 250 333
383	do	B. W. Benedict	do	291
384	do	Madison Bentley	.,do	250
385	do	E. J. Berg	do	333
386	do	Daisy L. Blaisdell	do	100 116 120
387	do	D. S. Blondheim	do	116
388	do	Leonard Bloomfield	do	120
389 200	do	E T Pogent		250 250 130 83
99U 901		C D Boomsliter	00	130
305	do	Ethal Rand	do	83
393	do	R. L. Borger	do	125
394	do	C. V. Bover	do	125 120 60
395	do	R. O. Brigham	do	60
396	do	Alice D. Brooks	do	30
397	do	Morgan Brooks	do	30 250 200 80
398	do	N. C. Brooks	do	200
399		Verna Farooks		80
400 401	do	T M Bryont	u0	80 183 110 150
401 402	do	W A Ruchen	do	110
403	do	A. M. Buck	.do	150
404	do	S. J. Buck	do	116
405	do	W. E. Burge	do	116 166 120
406	do	S. C. Burton	do	120
407	do	L. V. Burton	do	30
408	do	A. S. Buyers	do	30 120 116
109	do	H. V. Canter		333
411		D U Corneben	do	208
119	do	F W Cornenter	do	208 166 75 125 100 120
113	do	G. E. Carscallen	.do	75
114	do	H. Y. Carson	do	125
115	do	Roy Carter	do	100
116	do	E. W. Chittenden	do	120
117	do	A. H. Clark	do	150
118	do	C. R. Clark	do	166
119	do	K. A. Clark	do	30
120	00	T. A. Clark		30 416 250
121	ao	Alexander Cohn	do	200
193	do	A C Cole	do	130
124	do	Vida L. Collins	_do	130 130
425	do	H. W. Colson	do	100
126	do	A. F. Comstock	do	180
427	do	H. P. Corson	do	100
428	do	F. K. Cowley	do	120
429	do	Jennie A. Craig	do	100 180 100 120 75 141
430	do	A. R. Crathorne	do	141
101	ao	H. L. Creek		120
432 432	ao	W F Cummine	do	15
45V	uo	Florence P. Curtic	do.	15 110
		T. 101 CHCG Tr. Off 119	uv	1 110

No.	Date.	To whom.	For what.	Amou
	1912.			
9435	Dec. 31	A. H. Daniels Juanita E. Darrah R. E. Davis B. S. Davisson W. B. Day E. R. Decker J. A. Dent. W. W. Denton C. G. Derick E. R. Dewsnup J. K. Ditchy W. F. Dodd D. K. Dodge G. W. Lowrie F. K. W. Drury F. O. Dufour J. C. Duncan J. M. Duncan J. M. Duncan R. S. Dunham Famnie Dunlap	Salary, December, 1912	\$300
9436	do	Juanita E. Darrah	do	10
9437	do	R. E. Davis	do	100
0420	do	B. S. Davisson	do	50 208
9400	do	E. B. Dagler	do	250
9441	do	T A Dent	do	1 150
9442	do	W. W. Denton	do	150 120
9443	do	C. G. Derick	do	141
9444	do	E. R. Dewsnup	do	250 80
9445	do	J. K. Ditchy	do	80
9446	do	W. F. Dodd	do	166
9447	do	D. R. Dodge	do	250 90 166
9448		G. W. Lowrie		166
0449	do	F O Dufour	do	166
9450	do	I C Duncan	do	229
9452	do	J. M. Duncan	do	229 90
9453	do	R. S. Dunham	-do	10
9454	do	Fannie Dunlap	do	55
9400	ao	Fannie Dunlap H. H. Dunn R. A. Dutcher H. S. Eames	do	55 91 60 130
9450		R. A. Dutcher	do	60
9457	do	H. S. Eames.	do	130
9458	do	H. S. Earnes W. C. Eels B. L. Eicher W. E. Ekblaw Frederick Ellis	Fellowship, December, 1912	50 100 60
9409 0460	do	W F Firblew	Danary, December, 1912	100
0461	do	W. E. EKDIAW	do	150
9462	do	Arnold Emch	do	166
9463	do	M. L. Enger	do	166 166
9464	do	E. W. Engle	do	30
9465	do	N. E. Ensign	do	120
9466	do	John A. Fairlee	do	250 50
9467	do	Bernard Fantus	do	50
9468	do	R. N. Fargo	do	50
9469	do	S. P. Farwell	do	140 60 166
9470	do	E. C. Faust	do	166
0471		Winifred February	do	70
0472	do	Emma Falconthal	do	70 75 60
9474	do	H. F. Ferguson	do	60
9475	do	E. E. Fiero.	do	45
9476	do	E. J. Filbey	do	166 120 208
9477	do	I. W. Fisk	do	120
9478	do	J. D. Fitz Gerald II	do	208
9479	do	E. B. Flanigan	do	80
9480	do	F. L. Fleener	do	40 125
0481	do	C H Flotober	do	125
0402	do	G T Flom	do	208
9484	do	J. W. Folsom	do	208 166
9485	do	S. A. Forbes	do	41
9486	do	W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger E. W. Engle N. E. Ensign John A. Fairlee Bernard Fantus R. N. Fargo S. P. Farwell E. C. Faust Winifred Fehrenkamp Emma Felsenthal H. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleener V. R. Fleener V. R. Fleener C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford J. A. Frisk	do	250
9487	do	J. A. Frisk	do	250 91 175
9488	do	Edward Fulton	do	175
9489	do	J. W. Garner	do	250
9490	do	N. B. Garver		100
9491	do	E. N. Gathercoal		150 100 35
0492	o	H I. Gill	do	200
9494	do	C. E. Gillett	do	200 30 60
9495	do	Hugh Glasgow	do	60
9496	do	E. A. Glenz	do	ĭč
9497	do	H. F. Godeke	do	120
9498	do	Julius Goebel	do	270 120
9499	do	H. F. Gonnerman	do	120
9500	do	G. A. Goodenough	do	250
9501	do	F. M. Goodman		250 100 90
9502	oo	T. G. GOOGWIN	uo	500
9000	do	P S Coulding	1uu	133
9009	do	Ressia R Green	do	60
9500	do	J. W. Folsom S. A. Forbes G. S. Ford J. A. Frisk Edward Fulton J. W. Garner N. B. Garver E. N. Gathercoal Rosa-Lee Gaut H. L. Gill C. E. Gillett Hugh Glasgow E. A. Glenz H. F. Godeke Julius Goebel H. F. Goodenough F. M. Goodman T. G. Goodwin W. F. M. Goss P. S. Goulding Bessie R. Green Frederick Green E. B. Green T. H. Guld J. E. Gutberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague	do	60 291
9507	do	E. B. Greene	do	187
9508	do	T. H Guild	do	125
9509	do	J. E. Gutberlet.	do	187 125 60 80
9510	do	Alta Gwinn	do	80
9511	do	G. C. Habermeyer	do	141
9512	do	H. F. Hadley	Fellowship, December, 1912	50 80
0512	oh ii	IStella M. Hague	Salary, December, 1912	1 80

о.	Date.	To whom.	For what.	Amou
	1912.	H. G.Hake W. G. Hale R. G. Hall L. G. Hama. Paul Hansen Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes. C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. E. Hinds. Withelm Hirshkind Jacob Hodnefield M. A. Hollister E. E. Hollman B. R. Honovski B. S. Hopkins. J. W. Hornbeck C. F. Hottes H. A. Houston J. E. Huber H. A. Houston J. E. Huber H. A. Houston J. E. Huber L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James L. V. James L. V. James C. E. Janvrin Alice Johnson McElroy Johnston H. S. V. Jones Isabel Jones R. T. Jordan J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellog Ruth Kelso Ernst Kessler A. J. Kempner R. E. Kennedy V. A. Ketcham Arthur Biernan A. H. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. A. H. Kulmball S. F. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. A. H. Kolut A. H. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimball S. F. Koholt A. H. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimball Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Koholt A. H. Kimpall Margaret L. Kingsbury David Kinley Florance M. Kirkup C. T. Knipp J. F. Kate Margaret M. Kirkup C. T. Knipp J		
514	Dec. 31	H. G.Hake	Salary, December, 1912	\$ 120
515	do	W. G. Hale	do	250 30
910	ao	к. G. наш	do	30
517	do	L. G. Hana	do	170 250
916	do	Paul Hansen	do	250
9519	do	Sada Harbarger	do	90 150 333 233
520	ao	A. A. Harding	do	100
1521	00	U. A. Harker		000
1522	do	C. M. Hayes	00	200
1020	ao	C. M. Hebbert	00	60 40 50
505	uo	TO TO TALL	00	50
526	do	W C Hondriv	do	85 75 30 50 100
527	do	Morgorot Hardman	do	75
528	do	D W Hace	do	30
529	do	C K Howas	do	50
530	do	F E Hill	do	40
531	do	Rolph Hilschar	do	100
532	do	M E Hinds	do	60
533	do	Wilhelm Hirshkind	do	80
534	.do	Jacob Hodnefield	do	100
535	do	M. A. Hollitshead	do	100 40 229
536	do	H A. Hollister	_do	229
537	do	E. E. Hollman	do	60 60 120
538	do	B. R. Honovski	do	60
539	do	B. S. Honkins	do	120
540	do	I. W. Hornbeck	do	100 208 50 25
541	do	C. F. Hottes	do	208
542	do	H. A. Houston	Fellowship, December, 1912	50
543	do	J. E. Huber	Scholarship, Dec. mber, 1912	25
544	do	H. L. Huenink	Salary, December, 1912	50 250 100
545	do	G. A. Huff	-do	250
546	do	R K. Hursh	do	100
547	do	Margaret Hutchins	do	75
548	do	Edmund J. James	do	1,000
549	do	L. V. James	do	7, 000 1, 000 130
550	do	C. E. Janvrin	do	37
551	do	Alice Johnson	do	70
552	do	McElrov Johnston	do	170
553	do	H. S. V. Jones	do	150
554	do	Isabel Jones	do	70 170 150 110
555	do	L. T. Jones	od	85
556	do	Ralph Jones	do	90 160 140 100 100
557	do	R. C. Jones	do	160
558	do	R. T. Jones	do	140
559	do	H. H. Jordan	do	100
560	do	J. C. Jordan	[do]	100
201	do	Emma R. Jutton	do	100
562	ao	J. B. Kaiser	do	100
203	oa	Oliver Kamm	do	. 60
504	uo	C. E. Karsten		100 60 100 130
000	uo	U. F. Kelley		130
567	uo	J. M. Acilog	uo	140 80 60
107	uo	Emat Zagalan	ao	80
560	uu	A. T. IZ and man	uo	100
570	do	D. F. Kannady	uo	130
270	do	V A Voteborn	do	110
579	do	v. A. Autoriani	do	110 150 60
72	do	A H Vimbell	do	140
574	do	g F Vimball	do	100
75	do	Margaret I. Vingshury	do	140 120 75 500
76	do	David Vinlay	do	#00
577	do	Florence M. Virkun	do	100
72	do	C T Kninn	do	300
70	do	T F Kohout	do	100 208 10
108	do	A H Koller	do	100
581	do	A P Kratz	do	100 100 25
182	do	E V Kratz	Scholarship December 1019	100
5831	do	A C Krov	Salary December 1019	140
584	.do.	Jakoh Kunz	do	308
585	do	Martha I Kyla	do	208 120 150
586	do	E I Lake	do	150
587	do	W F Langelier	do	100
588	do.	Marion C. Landee	do	100
580	do.	E. T. Lanham	do	100 90 105
590	do	L. M. Larson	do	216 150 30
2221	do	H H Laner	do	150
5911				

0.	Date.	. To whom.	For what.	Amoun
-00	1912.	Eugene Leslie. O. E. Lessing. O. A. Luetwiler I. H. Lillinei F. C. Lincoln R. H. Linkins. C. M. Linsley Sinom Litman F. C. Loring. C. A. Ludwig H. T. Lundquist E. B. Lytle. Ellen S. McCarthy Lois D. McCobb A. B. McDaniel Rudolph McDermet D. G. McFarland C. G. MacArthur Wallace MacFarlane A. D. MacGillivray D. A. Maclinnis C. W. Malcolm G. A. Maney E. J. Manley Frederic M. Mann F. W. Marquis O. R. Martin M. S. Mason J. M. Mathews G. M. Meyer E. B. Millard F. H. Millard G. A. Miller W. S. Miller C. M. Miller W. S. Miller C. M. Miller R. N. Moore R. F. Moore O. H. Moore R. F. Moore O. H. Moore Ruby Moore E. W. Morse W. E. Mosher C. E. Noese W. E. Mosher C. E. Noese W. E. Mosher C. E. Noese Catherine Oaks W. A. Noyes Catherine Oaks W. A. Oldfather H. C. Moore R. D. Painter R. S. W. Parr Adah Patton H. G. Peaule D. C. Pricket D. S. Radeliffe G. H. Radenbaugh	G.1 D 1010	
593	Dec. 31	C F Lessing	Salary, December, 1912	\$ 10 (
595	do	O. A. Lanetwiller	, do	233 8 200 (
596	do	I. H. Lillihei	do	90 (
597	do	F. C. Lincoln	do	200 ( 90 ( 166 ( 30 ( 21 ( 183 ( 120 (
98	do	R. H. Linkins	do	30 (
99	do	C. M. Linsley	do	102 5
301	do	F C Loring	do	120 (
302	do	C. A. Ludwig	_do	30 ( 50 ( 133 3 120 ( 90 (
603	do	H. T. Lundquist	do	.50 (
604	do	E. B. Lytle	do	133 3
605	do	Ellen S. McCarthy	do	120 (
307	ao	A B McDaniel	do	208 2
308	do	Rudolph McDermet	Fellowship December 1912	208 3 550 0
309	do	D. G. McFarland	Salary, December, 1912	150 (
310	do	C. G. MacArthur	do	150 ( 150 (
311	do	Wallace MacFarlane	Fellowship, December, 1912	30 (
12	do	A. D. MacGillivray	Salary, December, 1912	208 3
13	do	D. A. Macinnis	do	150 ( 30 ( 208 3 120 ( 150 ( 77 3 333 3 150 ( 110 (
15	uo	G A Manay	Fellowship December 1019	190
16	do	E. I. Manley	Salary December 1012	77
17	do	Frederic M. Mann	-d0	333
18	do	F. W. Marquis.	_do	150
19	do	O. R. Martin	do	110
20	do	M. S. Mason	Fellowship, December, 1912	50 133 208 60
21	do	J. M. Mathews	Salary, December, 1912	133
22	do	G. M. Meyer	do	208
24	uo	F H Millard	do	110
25	do	G. A. Miller	do	110 250
26	do	H. W. Miller	do	150
27	do	R. N. Miller	do	150 35 125 208 130
28	do	W. S. Miller	do	125
29	do	C. M. MIIIS	do	208
30	do	Margaret Mitchell		130
32	uo	F W Mohlman	do	8 60
33	do	H. C. Moore	do	20
34	do	H. F. Moore	do	20 208 110 20
35	do	O. H. Moore	do	110
36	do	Ruby Moore	do	20
37	do	E. W. Morphy	do	120
20	do	W F Mochar	Followship December 1019	48 50 250 116
40	do	C. M. Moss	Salary December 1912	250
41	do	Gertrude Moulton	-do	116
42	.do	C. F. Nelson	do	100 30 80 85
43	do	W. S. Nelson.	do	30
44	do	Allan Nevins	[do	80
40	do	C. R. Newell	do	85
47	do	W. A. Novas	do	140 333 75 229
48	do	Catherine Oaks	_do	75
49	do	W. A. Oldfather	do	229
50	do	H. L. Olin	do	50
51	do	T. E. Oliver	do	208
52	do	A. W. Owens	00	50 ( 208 3 30 ( 208 3 120 (
54	op	L. D. Calle	do	208
55	do	Rosali M. Painter	do	80
56	.do.	S. W. Parr	do	80 291
57	do	Adah Patton	do	83
58	do	H. G. Paul	do	166
59	do	A. S. Pease	do	83 3 166 6 208 3 85 6
60	oo	J. C. Pengleton	00	85
01). 69)	o	A W Pickels	do	60 ( 130 (
63	do	J. N. Pomerov	do	183 8 130 0 130 0 50 0
64	.do	C. M. Poor	_do	130 (
65	do	M. M. Porter	do	130
66	do	R. S. Potter	do	50 (
67	do	Anton Prasil	do	10 (
68	do	A. L. Prickett	do	43 3 25 0 80 0 90 0
	do l	D. C. Prince	scholarship, December, 1912	25 (
20		D C Dodolice	Galany December 1010	00.4

o.	Date.	To whom.	For what.	Amour
	1912.	Otto Rahn. O. A. Randolph. W. H. Rayner J. W. Read. P. J. Rebman. E. J. Reece. F. W. Reed. P. F. Reiff. E. A. Rich. J. L. Rich. C. R. Richards. N. C. Ricker. H. L. Reitz. W. S. Robertson. M. H. Robinson. C. W. Rolfe. S. A. Rowland. H. O. Rugg. George Rutledge. L. R. Sarett. T. E. Savage. Olive F. Saxton. S. H. Schneider. Clarence Scholl. W. S. Schultz. G. F. Schwartz. F. W. Scott. F. W. Scott. D. L. Scroggin. G. W. Sears. F. B. Seese. N. C. Scidenberg. A. R. Seymour J. B. Shaw. Queen L. Shepherd. S. P. Sherman. G. A. Shook. C. W. Sievert. S. L. Simmering. Frances Simpson. G. E. Simpson. G. H. Sisam. W. A. Slater. Adelle C. Smith. Constance B. Smith. Frank Smith. Frank Smith. J. E. Smith. O. H. Smith. Frank Smith. J. E. Smith. O. H. Smith. Frank Smith. J. E. Smith. O. H. Smith. J. E. Smith. O. H. Smith. J. E. Smith. O. H. Smith. J. E. Smith. J. M. Snodgrass.		
9672	Dec. 31	Otto Rahn	Salary, December, 1912	\$166 80 110
9673	do	O. A. Randolph	do	80
9674	do	W. H. Rayner	do	110
9070 1676	ao	J. W. Kead	do	50 80
9070 0677	do	E I Racca	do	150
9678	do	F. W. Reed	do	150 140 50 40 150
9679	do	P. F. Reiff	do	50
9680	do	E. A. Rich	do	40
9681	do	J. L. Rich	do	150
9682	do	C. R. Richards	do	333 291
9683	do	N. C. Ricker	do	291
9684	do	H. L. Reitz	do	150
1685	do	W. S. Robertson	do	166
1686		M. H. Kobinson	00	166 250 250
1001	do.,	S A Dowland	do	250
1000	do	H O Dugg	do	190
หดูก	. do	George Rutledge	do	120 60
1691	do	L. R. Sarett	do	80
692	do	T. E. Savage	do	80 166 83 30 291 30
$69\bar{3}$	do	Olive F. Saxton	do	83
694	do	S. H. Scherfee	do	30
695	do	E. C. Schmidt	do	291
696	do	H. F. Schneider	do	30
697	do	Clarence Scholl	do	10
698	do	W. S. Schultz	do	166
699	do	G. F. Schwartz	do	158
700	do	F. W. Scott.	do	183
701	do	D. L. Scroggin	do	120
702	do	W. W. Sears		140
1703	ao	P. S. Seeley	Cabalarahin Dasamban 1010	158 183 120 60 140 25
ソノひち	do	N. C. Saidenbarg	Solory December, 1912	15
1703 1706	do	A P Soumour	do december, 1912	166
707	do	T R Show	do	166 187 80 266 100
708	do	Oneen I. Shenhard	do	180
709	do	S. P. Sherman	do	266
710	do	G. A. Shook	do	100
711	do	C. W. Sievert	do	10
712	do	S. L. Simmering	Fellowship, December, 1912	30
9713	do	Frances Simpson	Salary, December, 1912	10 30 166
9714	do	G. E. Simpson	do	10
715	do	C. H. Sisam	do	166 10 158 125 60 160 133 208 125
716	do	W. A. Slater	do	125
7717	do	Adelle C. Smith	do	160
718	do	Constance B. Smith		100
719	do	Trank Cmith	00	133
720	do	T F Smith	do	195
722	do	Frank Smith J. E. Smith O. H. Smith J. M. Snodgrass C. M. Snow O. O. Stanley Joel Stebbins Sabra Stevens R. K. Stewart	do	05
723 723	do	I. M. Snodgrass	do	95 175
	do	C. M. Snow	do	150
725	do	O. O. Stanley	do	150
726	do	Joel Stebbins	do	104
$\frac{726}{727}$	do	Sabra Stevens	do	55
728	do	Saora Stevens. R. K. Stewart C. L. Stewart H. H. Stoek. J. W. Stokes E. B. Stouffer Lillian Strong W. G. Stromquist R. T. Stull Horace Stunkard Emerson Sutcliff A. H. Sutherland A. N. Talbot F. W. Tanner S. C. Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. Thompson J. G. Thompson J. G. Thompson Lambert Thorp A. J. Tieje A. J. Todd E. J. Todd E. J. Townsend	do	104 55 130 50 333 50
729	do	C. L. Stewart	do	50
730	do	H. H. Stoek	do	333
731	do	J. W. Stokes	Fellowship, December, 1912	50
732	ao	E. B. Stouffer	Salary, December, 1912	130
133	ao	Lillian Strong	00	50 100 200
154 795	uo	w. G. Stromquist	do	100
790 790	uo	Horaga Stunkard	do	200
797	do	Emerson Sutcliff	do	90
732	do	A. H. Sutherland	do	150
730	do	A. N. Talbot	do	30 80 150 333 60
740	do	F. W. Tanner	1do	60
741	do	S. C. Taylor	do	2.5
742	do	W. H. Taylor	do	25 60
743	do	H. R. Thomas.	Fellowship, December, 1912	50
744	do	C. M. Thompson	Salary, December, 1912.	90
745	do	D. G. Thompson	. do	50 90 40 160
746	do	J. G. Thompson	do	160
747	do	Lambert Thorp	. do	100
748	do	A. J. Tieje	. do	108 109 338
749	do	A. J. Todd	. do	104
		ID I Mammaand	l do '	1 999

No.	Date.	To whom.  L. L. Townsend. Edna A. Treat. H. D. Valentine. H. J. Van Cleave. H. J. Van Cleave. H. J. Van Gense. G. J. Van Zoeren. J. N. Vedder. C. G. C. G. Vernier. E. H. Waldo. H. B. Ward. E. H. Warner. A. R. Warnock. E. W. Washburn. F. R. Watson. H. C. P. Weber. N. A. Wells. N. A. Weston. Mary M. Weitnore. J. H. Whitten. E. A. Wildman. C. C. Wiley. C. A. Williams. E. H. Williams. E. H. Williams. Mary E. Williams. Mary E. Williams. F. G. Willson. P. L. Windsor. R. M. Winger. W. J. Wohlenberg. P. S. Woodward. J. M. Wornser. A. B. Wright. Ola M. Wyeth. T. D. Yensen. Jacob Zeitlin. Charles Zeleny. H. F. Zoller. J. E. Ackert. F. H. Adler. Josephine E. Burns. Margaret V. Cobb. Edna L. Forrey. D. L. Geyer. J. W. Good. E. O. Heuse. E. A. T. Kircher. P. A. Lehenbauer. H. H. McGregor. L. C. Mathewson. L. F. Nickel. A. F. Peine. C. F. C. Riley. Clarissa Rinaker. Irma E. Voigt. P. S. Welch. C. Y. Williams. Alice Biesster. R. W. Brown. D. M. Brumfiel. F. E. Clark. Jesse L. Conel. S. H. Cox. E. S. Dowell. D. T. Englis. Ola M. J. Steill. Mary A. Haan. Honer Hann. Hollie M. Horner J. W. Howard.	For what.	Amou
	1912.	•		
9751	Dec. 31	L. L. Townsend	do	\$100 90
9752	do	Edna A. Treat	do	90
9753	do	H. D. Valentine	do	10 60
9704 0755		H. J. Van den Berg	do	190
9756		G. J. Van Zoeren	do	180 30 110 291
9757	- do	J. N. Vedder	.do	110
9758	do	C. G. C. G. Vernier	do	291
9759	do	E. H. Waldo	do	166
9760	do	H. B. Ward	do	333 500 125 183 200 150 208 229 125 333
9761	do	E. H. Warner	do	50
970Z 0783		A. R. Warnock	do	120
9764	uo	F R Watson	do	200
9765	do	H. C. P. Weher	do	150
9766	do	N. A. Wells	do	208
9767	do	N. A. Weston	do	229
9768	do	Mary M. Wetmore	do	125
9769	do	J. M. White	do	333
9770	do	J. H. Whitten	do	60
9771	do	E. A. Wildman	do	30 150 120
9772	00	C. A. Williams		100
9774	uo	E. H. Williams	do	120 125 85 160 250 120 50 35
9775	do	Mary E. Williams	do	85
9776	do	F. G. Willson	do	160
9777	do	P. L. Windsor	do	250
9778	do	R. M. Winger	do	120
9779	do	W. J. Wohlenberg	Fellowship, December, 1912	50
9780	do	P. S. Woodward	Salary, December, 1912	35
9781 0700	do	J. M. W Ormser	00	183
9702 0793	do	Ole M Wyoth	do	. 20
9784	do	T. D. Yensen	do	75 150 125 208
9785	do	Jacob Zeitlin	-do	125
9786	do	Charles Zeleny	do	208
9787	do	H. F. Zoller	do	30
9788	do	J. E. Ackert	Fellowship, December, 1912	35
9789	do:	F. H. Adler	do	35
9790	do	Josephine E. Burns	do	35 30
9791 0709	do	Edno I Forrow	do	35
0703	do	D I. Gaver	do	35
9794	do	J. W. Good	do	35 40 30
9795	do	E. O. Heuse.	do	30
9796	do	E. A. T. Kircher	do	30
9797	do	P. A. Lehenbauer	do	30 30
9798	do	H. H. McGregor	do	30
9799	do	L. C. Mathewson	do	30
ยรูบบ กอกา	do	L. F. Nickel		40 35 30
3803	do	A. W. Olcub	do	30
9803	do	C F C Riley	do	35
9804	do	Clarissa Rinaker	_do	35 35 30
9805	do	Irma E. Voigt.	do	30
9806	do	P. S. Welch	do	35
9807	do	C. Y. Williams	do	35
9808	do	Alice Biester	Scholarship, December, 1912	25 25 25
9809	do	R. W. Brown	do	25
1011	do	D. M. Brumnel	do	25
3613 1911	do	Tagga T. Conal	do	25
0813	do	S H Cox	do	25 25 25
9814	do	E. S. Dowell	do	25
9815	do	D. T. Englis.	.do	25
9816	do	Ola M. J. Eskelson	do	25 25
9817	do	S. E. Fauquher	do	25 25
9818	do	S. B. Fracker	do	25
9819	do	Byne F. Goodman	do	25 25
9820 neo-	do	Sappno U. Graham	do	25
9821 0890	op	Kuby M. Grimes	00	25 25
9022 0899	uo	Mory A Hoon	do	25
9824	do	Homer Hall	do	25 25
9825	do	A. C. Hanford	-do	25
9826	do	William Hill	do	25
9827	do	C. E. Holley	do	25 25
9828	do	Nellie M. Horner	do	25 25
			1 3 -	0.5

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued.}$

No.	Date.	To whom.	For what.	Amou
	1912.		•	
9830	Dec. 31	P. W. Ivey. Gretchen Lutz. Janet M. Macdonald. J. E. Miller.	Scholarship, December, 1912	\$ 25
9831	do	Gretchen Lutz	do	25
9832	do	Janet M. Macdonald	do	25
0004	qo	J. E. Miller	00	25 25
0835	do	T R Notherson	do	26
9836	do	F G Norbury	do	1 26
9837	do	R. H. Nottelman	- do-	25 25 25 25 25
9838	do	Cornelia R. Seawell.	do	25
9839	do	Mary M. Spangler	do	25 25 25
9840	do	E. R. Spencer	do	25
9841	do	W. A. Swenson	do	25
9842	do	Lily B. Voegelein	do	25 25
9843	do	Margaret Washington	do	25
0045	do	P. Q. Wright		25 25
0040		Lillo M. Alexander	Solory December 1012	60
0847	do	W E Alloy	do	60 85
9848	do	Winifred L. Amos	-do	65
9849	do	Ethel Ash	. do-	60
9850	do	C. E. Atkinson.	do	141
9851	do	L. A. Boice	do	141 125
9852	do	Tabitha J. Broadhurst	do	78
9853	do	Gretchen Luiz Janet M. Macdonald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottelman Cornella R. Seawell Mary M. Spangler E. R. Spencer W. A. Swenson Lily B. Voegelein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley Winifred L. Amos Ethel Ash C. E. Atkinson L. A. Boice Tabitha J. Broadhurst Ina M. Brown Sarah E. Bryan Flora M. Case Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton L. C. Demlow Edith Emigh R. I. Fieg Frances M. Feind Mollie Fraser Viola Fraser Viola Fraser Frances G. Garwood Antionette Goetz Elizabeth Good Masy H. Griffith	do	60   65   55
9854	do	Sarah E. Bryan	do	65
855	do	Flora M. Case	do	55
9850	op	Miles Clements	00	. 45
1666	do	U. U. Crawiord		60 150 45
0850	do	C F Dolton	do	150
9860	do	L C Demlow	do	10
9861	do	Edith Emigh	do	68
9862	do	R. I. Fieg	do	50
9863	do	Frances M. Feind	do	50 75 33 55 43 65 40
9864	do	Mollie Fraser	do	33
9865	do	Viola Fraser	do	55
9866	do	Frances G. Garwood	do	43
9867	do	Antionatic Goetz  Antionatic Goetz  Elizabeth Good  Mabel F. Griffith  Carmen Harnack	do	65
9868	do	Elizabeth Good	do	40
9869	do	Mabel F. Grimth		55
987U 1071	00	Carmen Harnack	do	35
0079	40	C H Hayang	do	190
9873	do	N. Hav	do	120 166 55
9874	do	Myrtle E. Heater	do	55
9875	do	Josie B. Houchens	do	75
9876	do	A. H. Hull	do	65
9877	do	Katie L. Humrichouse	do	50
9878	do	Marie Jester	do	45
9879	do	Carmen Harnack Eliza Hart C. H. Hayens N. Hay Myrtle E. Heater Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Gertrude Keech J. H. Kelley Nora Kirwan Aurella Knapp Allie Lamb A. R. Lee Louise A. Lietz Stella Lund C. M. McConn	do	55 75 65 50 45 45 45
1880	do	J. J. Johnson	do	45
1888	do	Gertrude Keech		30
3882	ao	J. H. Kelley		166 41 65
1000	ao	Aurollo V nonn	do	4.
1004	uo	Allia Lamb	do	45
3888	do	A. R. Lee	: do.	91
9887	do	Louise A. Lietz	do	91 35
9888	do	Stella Lund	do	55 233 85 80
9889	do	C. M. McConn.	do	233
890	do	Agnes McGurty	do	88
891	do	A. H. McLean	do	80
9892	do	Jane McMullin	do	40
2693	do	Manada E. Manaday	00	4( 83 5( 65
2004		Pudolph Mesods	do	90
9020	uo	C F Miller	do	75
3807	do	Lloyd Morey	do	1 8
9898	.do	J: A. Morrow	. do	166
98991	do	M. W. Murphey	ldo	85 166 110
9900	do	Elizabeth C. Peel	do	78
99ŏĭ	do	Stella Lund C. M. McConn Agnes McGurty A. H. McLean Jane McMullin L. Mae Manspeaker Maude E. Meneley Rudolph Meseek C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphey Elizabeth C. Peel Thomas Peel Elizabeth Ffeffer F. W. Post Harriet L. Postlewait Myrtle A. Renz. Clara A. Rickets Nellie M. Robertson Mary Scanlon	do	75 55 50 75 50 65 65
9902	do	Elizabeth Pfeffer	do	50
9903	do	F. W. Post	do	75
9904	do	Harriet L. Postlewait	do	50
9905	do	Myrtle A. Renz	do	65
9906	do	Clara A. Rickets	do	60
9907	do	Nellie M. Robertson	do	55 60
	do l	Mary Scanlon	do	ı 60

1	Date.	To whom.	For what.	Amou
	1912.			
09	Dec. 31	Anna L. Shepard	Salary, December, 1912	\$ 91 125
10	do	T. J. Showers	do	125
11	do	Sara M. Slater	do	55
12	do	Bertram Smith	do	70
13	. do	T M Smith	do	108
111	do	Torgio A Smith	do	100
115	uo	Marma T Cmith	do	100 68
10	qo	Mayme L. Smith	ao	156
10	ao	O. E. Staples	ao	150
17	do	Alired Steltz	do	78 98 88
18	do	E. T. Strong	do	98
19	do	M. E. Thompson	do	8
20	do	Mary Torrance	do	55
21	do	L. J. Towne.	do	150 91
22	do	G. P. Tuttle	do	9
23	do	Josephine Tyrrell	do	4
24		Lido F Voight	do	8
05		D. T. Winch auton	3-	2
20		D. L. Willenester	do	48 5
20	ao	H. T. Wyninger	do	5
27	do	W.J. Fraser	00	29
28	do	D. O. Barto	Jdo	160
29	do	F. C. Bauer	[do	12: 25:
30l	do	Isabel Bevier	do	25
31	do	J. C. Blair	do	41
32	.do.	S. J. Bole.	.do	133 160 10
33	do	R E Brand	do	16
34	do	Thomas Brogger	do	10
35	uo	W I Durligon	40	10
20	uo	W T Cormiched	do.	10
100		w. J. Carmichaei	00	4
37	ao	H. C. M. Case	do	4
38	do	W. C. Coffey	do	22
39	do	C. S. Crandall	do	22 29 13
140	do	W. T. Crandall	do	13
41	do	Nina B. Crigler	do	12
142	do	E. Davenport.	do	50
143	do	John Detlessen	do	16
144	do	T W Dickerson	do	15 20
175	do	H B Dorner	do	20
1970	do	C F Duret	do	12
147	do	T T Edmonds	do	16
241	do	TO T IN TAILLE	u0	16 15 8
240	ao	K. J. T. Ekplaw	ao	19
949	do	Augusta D. Evans	qo	1 8
350	ao	O. S. Fisher	ao	16
151	do	J. J. Gardner	do	10
952	do	Cherlotte Gibbs	do	10 12 16
953	do	Nellie E. Goldthwaite	do	16
954	do	Cora E. Grav.	do	11 29
955	do	H. S. Gridlev	do	29
256	do	A. F. Gustafson	do	15
57	do	I. D Hall	do	22
58	do	W F Handschin	do	15
550	do	Lagnard Hamanar	do	15 25
160	uo	N W Hanburn	do	17
100	uv	C C Honling	do.	17
100		D. G. Heles	uv	41
102	ao	к. э. ншсө	do	10 12
103	ao	짜· 뉴· jstt.	do	12
164	do	O. A. Keller	do	13
65	do	L. R. Lang	do	13
66	do	J. W. Lloyd	. do	26 20
67	do	D. McIntosh	do	20
68	do	Wilhelm Miller	.ldo	25
160	do	J. G. Mosier	do	26
70	do	H W Mumford	do	26 41
571	do	Graca Stavans	do	9
(41	,.uo	A N Nobrling	do	12
712	uo	A W Nolan	- do	12
113	qo	A. W. NOISH		20 10
114	αο	mand Parsons		10
1/5	ao	H. W. Peasiee	ao	20
176	do	J. н. Pettit	. ao	25
177	do	Helena M. Pincomb	.jdo	13
978	do	[V. A. Place	. do	20 25 13
979	do	F. H. Rankin	. do	25
980	do	C. O. Reed	. do	1 12
981	do	Harriet Rinaker	.do	12
085		R R Root	do	16
004	do	T D Duele	do	17
260		11. 1 . Dusk		17 10
983	3.	IT M Cimanaan		
983 984	do	F. M. Simpson	do	10
983 984 985	do	Anna L. Shepard. T. J. Showers. Sara M. Slater. Bertram Smith. J. M. Smith. Jessie A. Smith. Mayme L. Smith. O. E. Staples. Alfred Steitz. E. T. Strong. M. E. Thompson. Mary Torrance. L. J. Towne. G. P. Tuttle. Josephine Tyrrell. Lida E. Voight. B. L. Winchester. H. T. Wyninger. W. J. Fraser. D. O. Barto. F. C. Bauer. Isabel Bevier. J. C. Blair. S. J. Bole. R. E. Brand. Thomas Bregger. W. L. Burlison. W. J. Carmichael. H. C. M. Case. W. C. Coffey. C. S. Crandall. W. T. Crandall. Nina B. Crigler. E. Davenport. John Detlesen. I. W. Dickerson. H. B. Dorner. C. E. Durst. J. L. Edmonds. K. J. T. Ekblaw. Augusta D. Evans. O. S. Fisher. J. J. Gardner. Cherlotte Gibbs. Nellie E. Goldthwaite. Cora E. Gray. H. S. Gridley. A. F. Gustafson. U. W. F. Handschin. Leonard Hegnauer. Leonard Hegnauer. N. W. Hepburn. C. G. Hopkins. R. S. Hulce. M. E. Jahr. O. A. Keller. L. R. Lang. J. W. Holod. J. G. Mosler. H. W. Hulce. M. E. Jahr. O. A. Keller. L. R. Lang. J. W. Lloyd. D. McIntosh. Wilhelm Miller. J. G. Mosler. H. W. Hunford. Grace Stevens. A. N. Nehrling. A. W. Nolan. Maud Parsons. H. W. Peatile. H. H. Passie. J. H. Peatile. H. P. Rankin. C. O. Reed. H. R. Root. H. P. Simpson. L. H. Smith. J. V. Stevenson.	do	25 10

lo.	Date.	To whom.  H. W. Stewart. J. R. Wells. Ruth Wheeler. A. L. Whiting. J. J. Yoke. Orr Allyn W. B. Gernert. J. B. Park W. L. Gaines F. A. Pearson H. A. Ruehe L. M. Wakeley Jas. Hutchinson F. E. Muncie G. L. Peltier L. E. Foglesong. A. J. Gunderson B. S. Pickett W. A. Ruth. O. S. Watkins. J. P. Aumer L. R. Binding. R. W. Dickenson F. A. Fisher. F. W. Garrett. S. V. Holt E. E. Hoskins. Oran Keller C. C. Leighty Gertrude Niederman W. H. Sachs E. Van Alstine E. Van Alstine F. M. Wascher H. C. Wheeler C. C. Wheeler C. E. Wheeler C. E. Wheeler H. C. Hamilton Florence E. Smith Besse E. Packard J. L. Gardner H. B. Ingalls Mabel Halliday Marjorie N. Gage Elizabeth Pullling M. J. Conley Fred Pine Roy Argo Robert Cook Lawrence Engle W. J. Engle Margaret C. Foss William Kelley Winlired McIntosh J. D. Mink H. E. Moore Ed My 3rs S. E. Ore Jesse Cook M. D. Rose Frank Sanders H. H. Wheeler J. H. Sanders H. H. Wheeler J. B. Brown J. Conley Fred Pine Roy Argo Robert Cook Lawrence Engle W. J. Engle Margaret C. Foss William Kelley Winlired McIntosh J. D. Mink H. E. Moore Ed My 3rs S. E. Ore Jesse Cook M. D. Rose Frank Sanders H. H. Wheeler J. B. Brown J. F. Burdick J. H. Wheeler J. B. Brown J. F. Burdick J. H. Wheeler J. B. Brown J. F. Burdick J. H. Wheeler J. R. Burdick J. H. Jenkins Rose Reinhardt J. E. Thomas	For what.	Amou
	1912.			
9988	Dec. 31	H. W. Stewart	Salary, December, 1912	\$150 70 133
9989 0000	do	J. K. Wells	do	122
9990		A T. Whiting	do	100
9992	do	J. J. Yoke	do	125 83 70 125
9993	do	Orr Allyn	do	70
9994	do	W. B. Gernert	do	128
9995	do	J. B. Park	do	150
9996	do	W. L. Gaines	do	150
9997	do	F. A. Pearson	do	75 116
0000	do	T. M. Wolzeley	do	100
กกกก	do	L. M. Wakeley	do	100
0000	do	F. E. Muncia	do	83
0002	do	G. L. Peltier	do	88
0003	do	L. E. Foglesong	do	100
0004	do	A. J. Gunderson	do	88
0005	do	B. S. Pickett	do	250
0006	do	W. A. Ruth	do	125
0007	do	U. S. Watkins	do	150
UUUS	ao	J. P. AUMER	do	150
0009	00	D. R. Dinding	00	100 100 83 83 100 83 256 125 150 157 70 70 38
0011	uo	F A Fisher	do do	30
0012	do	F. W. Garrett	do	, 85
0013	do	S. V. Holt.	-do	150
0014	do	E. E. Hoskins	do	150 70 150 100
0015	do	Oran Keller	do	70
0016	do	C. C. Logan	do	150
0017	do	W. R. Leighty	do	100
0018	do	Gertrude Niederman	do	100 125 150
0000	do	W. H. Sachs	do	120
0020		E. Van Alstine	00	83
0021 0021	do	H C Whooler	do	150
0022	do	C. E. Wheelock	do	70
0024	do	John Woodard	. do.	70
0025	do	J. E. Whitchurch	_do	150 70 70 150
0026	do	H. H. Mitchell	do	128 79
0027	do	Leonora Perry	do	79
0028	do	B. E. Powell	do	19
0029	do	Alice V. Hamilton	do	75
0030	ao	Prorence E. Smith	do	1 5
OUSSI		Desse E. Packard	Wages December 1019	1 6
0032	do	H R Ingalls	Wages, December, 1912	60
0034	do	Mahel Halliday	do	60
0035	do	Mariorie N. Gage.	.do	6
0036	do	Elizabeth Pulling	do	75 65 75 80 60 60 60
0037	do	M. J. Conley	do	78
0038	do	Fred Pine	do	78
0039	do	Roy Argo	do	78 78 50
0040	do	Robert Cook	do	4
JU41 1040	ao	Lawrence Engle		2
0042	op	Warnarat C. Foss	do	1 00
1044	do	William Kelley	do	4' 22' 65 40 4' 10 4' 4' 4'
0045	do.	Winifred McIntosh	do	10
0046	do	J. D. Mink	do	4
0047	do	H. E. Moore	do	4
0048	do	Ed Myers	do	4
0049	do	S. E. Ore	do	55 47
050	do	Jesse Cook	do	4
JU51	do	M. D. Rose	do	5
JU52	do	Frank Sanders	do	4
) 1003	ao	Andrew Terroguist	ao	55 4' 4! 7!
0004	do	H H Wheeler	do	68
0056	do	Iss Brown	do	50
00571	do	I. F. Burdick	l do	7
0058	do	J. H. Coffey	do	50 71 41
0059	do	T. P. Crawford	do	4:
0060	do	Ben Durman	do	4:
0061	do	Harley Foor	do	5
0062	do	Wm. Hough	do	8
0053	do	E. H. Jenkins	do	56 60 45 46
UU04	00	Pari Meenach		60

Vo.	Date.	To whom.	For what.	Amour
	1912.	W. W. Trimble. Geo. Smalley H. J. Bannister W. L. Bennett. W. T. Craig L. A. Hunter A. M. McBath P. O. Moore. Will Patterson Loretto White. John Balcom G. W. Beardsley C. Beers M. R. Carlson E. M. Clark Anna Crathorne H. E. Crouch Amelia Feldkamp Earl Garver R. C. Kastler A. F. Krueger Lawrence Lahr Ruah Loveless John Palfrey. Etta Perry Etthel Sharp Lillian Smith		
0067	Dec. 31	W. W. Trimble	Wages, December, 1912	\$ 29
0068	do	Geo. Smalley	do	16
0069	do	H. J. Bannister	do	45
0070	do	W. L. Bennett	do	45 60 83 70
0071	do	W. T. Craig.	do	83
0072	do	L. A. Hunter	do	70
0073	qo	A. M. McBath		45 45
0074	do	P. O. Moore		45
0070	do	Will Patterson		45
0075	ao	Loretto Wille	do	65 55 55
0070		O W December	do	99
0070	do	C. Poors	do	38
0000	uo	M. D. Corlean	do	90
0000	do	E M Cloub	do	30 60 50
0000		Anna Cuathanna	do	50 50
0004	do	TI E Craush	do	115
0000		A malia Faldkama	do	110
0004	do	Forl Correr	do	115 40 65
บบอย		D C Varion	do	55
0000 0007		A F Vringer	do	65
00001	do	Lawranca Lahr	do	65 45 50
0000	do	Rush Lovales	do	#0 #0
ากกก	ao	Lawrence Lahr Ruah Loveless John Palfrey.  Ettal Perry Ethel Sharp. Lillian Smith Cornelius Stocker A. Ten Broeck W. W. Yapp W. S. Goodspeed Mary Millar J. C. Anderson Chas. A. Campbell C. C. Chapman Emma L. Custer O. I. Ellis Marion B. Gellaher F. W. Gault J. R. Kelley John Hankford W. A. McIntire G. E. Miller Alice Reed Flora M. Sims. Freda O. Stricklan R. F. Broyles A. L. Sowers L. J. Wells Geo. N. Nogle J. F. Smith R. W. Graham I. W. Maxwell J. M. Stickrod C. A. Richman C. G. Van Hoten W. J. Hewerdine G. Taylor S. Atchison P. P. Dunn E. W. Smalley J. H. Schwengel O. A. McInnes John Weiss C. Allen T. A. McCracken W. J. Hewerdine G. Taylor S. Atchison P. P. Dunn E. W. Smalley J. H. Schwengel O. A. McInnes John Weiss C. Allen T. A. McCracken W. E. Leigh Wm. Case I. H. Gordon W. E. Yount W. H. Gray A. G. Guard J. B. Salliday J. H. Cornett L. F. Lindsey W. Davis F. H. Busey S. Guinn	Wages November 26-20 and Da	50
0080		John I amey	combor 1019	75
nnat	a <sub>0</sub>	Ttto Donny	Wages December 1012	75 60 40
บบขอ	do	Ethal Sharn	do	40
กกฉร	do	Lillian Smith	do	50
0093	do	Cornalius Stocker	do	75
のののだ	do	A Ton Brooks	do	50
กกอล	do	W W Vonn	do	75 50 70
1007	do	W S Goodspeed	do	83
กกฉร	do	Mary Millar	do	83 65 60 83 70 30 40 80
nnaa	do	T C Anderson	do	65
กากก	do	Chas A Camphall	do	60
0101	do	C. C. Chanman	do	83
0102	do	Emma L. Custer	do	70
0103	do	O. T. Ellis	do	30
0104	do	Marion B. Gallaher	do	40
0105	do	F. W. Gault	do	80
0106	do	J. R. Kellev	do	52
0107	do	John Hankford	do	60
0108	do	W. A. McIntire	do	50 25
0109	do	G. E. Miller	Wages, December 1-10, 1912	25
0110	do	Alice Reed	Wages, December, 1912	50
0111	do	Flora M. Sims	do	50 83 65 45
0112	do	Freda O. Stricklan	do	65
0113	do	R. F. Broyles	do	45
0114	do	A. L. Sowers	do	85
0115	do	L. J. Wells	do	45
0116	do	Geo. N. Nogle	do	70
0117	do	J. F. Smith	ao	85 45 70 65
0118	do	R. W. Graham	Miik	5 3 11
0119	do	I. W. Maxwell	ao	3
0120	do	J. M. Stickrod		11
0121	do	C. A. Richman		5
0122	do	C. G. Van Hoten		5 4 4
0123	do	W. J. Hewerdine	ao	4
0124	do	G. Taylor	ao	5
0125	do	S. Atchison		9
0126	do	P. P. Dunn		5 8 11
0127	do	E. W. Smalley		18
0128	do	J. H. Schwengel	uu	17
0129	do	O. A. McInnes		4
0130	do	John Weiss	ao	14
0131	do	C. Allen	ao	2 14 8 9
0132	do	T. A. McCracken	uo	9
0133	do	W. E. Leigh	uo	2 17
0134	do	Wm. Case	do	14
<b>013</b> 5	ao	1. н. Gordon	do.	00
0136	do	W. E. Yount	au	4 22 6 11
0137	do	W.H. Gray	uo	11
0138	do	A. G. Guard	uo	1,
0139	do	J. B. Salliday		b
0140	do	J. H. Cornett		5 3 8 7 13
0141	do	L. F. Lindsey		8
0142	do	W. Davis		7
0143	do	F. H. Busey		13
	1 4 4	Q Guinn	ao	. 8

No.	Date.	R. S. McInnes. Pearl Hazen. John Godsell F, W. Howell I. Elirod. W. J. Wilson. W. H. Frame. I. H. Besore. T. F. Jordan. R. L. Lumsden. D. S. Herriott N. Wascher. N. Hashn. C. Ross. Geo. Schiff. H. C. Kaufman. Len Rayburn E. Grove. L. P. Rayburn B. Jordan. C. J. Gillespie. J. F. Hoy. Cora Stacker J. B. Marsh. J. M. Smith. Frank Knox G. W. Van Meter. W. F. Hampton. T. M. Ghere. Andrew Shields. H. J. Moorehouse. Geo. Herriott. David Wikins. John McCullough. H. Cherry. A. R. Canady. W. C. Welch. H. R. Hyde. C. A. Fogel G. F. Diefenbach. Z. C. Keene. R. A. Lumsden. D. W. Shiveley. J. H. Umbanhowar A. J. Putscher. A. R. Grindley G. M. Seeber. C. C. Gordon. J. M. Herriott. M. Leigh. M. T. Lindsey. Mary M. Moss. W. W. Peters. L. M. Apgar. Hubert Jessen. D. R. Hull G. F. Sutherland. Olive Paine. E. C. Fontaine. E. C. Fontaine. E. C. Fontaine. E. C. F. F. Fahrnkopf. R. L. Hegnauer. A. F. Heck. D. Vauble. D. Vablieg. U. H. Schilder. G. W. Schilder. G. W. Schilder. G. H. Rehider. A. F. Heck. D. Vauble. D. V. Shiveley. J. H. Henner. A. F. Heck. D. Vauble. D. R. Hull G. F. Sutherland. Olive Paine. E. C. Fontaine. E. C. Fontaine. E. L. G. Reid. C. H. Rehider. A. F. Heck. D. Vauble. D. Vable. D. Vable. D. W. Schoreder. Flow. Welson. F. W. Wilson.	For what.	Amou
	1912.			
10145	Dec. 31	R. S. McInnes	Milk	\$ 6 4 5 14 10 6 27 27 4 15
10146	do	Pearl Hazen	do	{
10147	do	John Godsell	do	4
10148	do	F, W. Howell	do	
10149	do	I. EHrod		1
10150	do	W. J. WISOII	do	1 16
10151	do	T H Besore	do	1
10153	do	T. F. Jordan	do	25
10154	do	R. L. Lumsden	do	- 2
10155	do	D. S. Herriott	do	4
10156	do	N. Wascher	do	15
10157	do	N. Hahn	do	10
10158	do	C. Ross.	do	12 13
10159	do	Geo. Schiff	do	13
10161	do	H. C. Kauman	do	, ,
IUIRO	do	F Grove	do	غ ا
10162	do	L P Rayburn	do	19
10164	do	B. Jordan	do	19
0165	do	C. J. Gillespie	do	l îŝ
10166	do	J. F. Hoy.	do	15 8 15 19 13
0167	do	Cora Stačker	do	] 4
.0168	do	J. B. Marsh	do	8
0169	do	J. M. Smith	do	.7
0170	do	Frank Knox	do	2 8 7 10 23
0171	00	W. W. Van Meter	00	23
0172	do	W. F. Hampton	do	
0174	do	Androw Shiolds	do	91
0175	do	H I Moorehouse	do	21 13
0176	do	Geo. Herriott	do	15
0177	do	David Wilkins	_do	1 -4
0178	do	John McCullough	do	24
0179	do	H. Cherry	do	4
10180	do	A. R. Canady	do	17
0181	do	W. C. Welch	do	7
0182	do	H. R. Hyde	do	7
0183	do	C. A. Fogel	do	١
0105	do	G. F. Dielenbach	00	5
0100	do	D A Lumadon	do	1 3
0187	do	D W Shiveley	do	16
0188	do	I H Umbanhower	do	19
0189	do	A. J. Putscher	do	1
0190	do	A. R. Grindley	do	ĺ
0191	do	G. M. Seeber	do	l 6
0192	do	C. C. Gordon	do	9
.0193	do	T. P. Lyon	do	11
.0194	do	M. Hudson	do	4
0195	do	J. M. Herriott	do	14
0196	do	M. Leigh	do	1
0197	ao	M. T. Lindsey	wages, December, 1912	11
0100	ao	W W Potors	do	28
OTAA	uo	T. M Anger	do	20
0200	do	Hubert Jessen	do	12 4 4 4 4 1 7 7 7 7 7 7 1 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0202	do	D. R. Hull	.do	1 1
0203	. do	G. F Sutherland	_do	12
0204	do	Olive Paine	do	1 13
0205	do	E. C. Fontaine	do	14
0206	do	Lucie S. Gravens	do	14
0107	do	W. A. Shewhart	do	10
.0208	do	W. V. Atwell	do	38
0209	do	Mamie Bunch		45
0210	op	Polah Fagle	do	40
0211	uu	H F T Fahrnkonf	do	38 45 40 26 11 25
0212	do	R L Heonauer	do	11
0214	do	A. F. Heck	do	45
0215	do	D. Vauble	_do	49
0216	do	Olive G. Reid	_do	48 50 28 21 10 25 14 19
0217	do	C. H. Rehling	do	28
10218	do	H. J. Snider	do	21
10219	do	G. W. Schroeder.	do	10
0220	do	Florence Stoutzenberg	do	25
0221	do	W. M. Taylor	do	14
0222	do	E. W. Walworth	do	19
	40	IF W Wilson	l do	30

0.	Date.	To whom.	For what.	Amou
	1912.	Stanley Wilkins. W. W. Williams L. Utterback E. C. Terhune. A. J. Stoneburner. Sadie Jones W. P. Hubbard. Rose Hegenbart W. L. Harry J. W. Duhamel Zella M. Andrews. Elmer Varner A lpha Tornquist C. E. Mattoon W. A. Hooker E. E. Craig. M. C. Weaver Bertha G. States Robert Pergande B. L. Morehouse Hazel Rhoads. R. Pritchard H. Pritchard L. Donohue		
)224	Dec. 31	Stanley Wilkins	Wages, December, 1912	\$ 40
2225	do	W. W. Williams	do	50 18 28 45
)226	do	L. Utterback	do	18
)227	do	E. C. Terhune	do	28
2228	ao	A. J. Stoneburner	do	45
)229	do	Sadie Jones	do	50
1230	do	W. P. Hubbard	do	20 75
1231	do	Rose Hegenbart	do	75
202		W. L. Harry		83 37 60 27
1233		J. W. Dunamei		31
234		Zena M. Andrews		00
1233	do	A labo Clama quiet	00	25
1200	do	C. F. Matters		1 40
1000	do	W. A. Tracker	00	38 12
200		W. A. HOOKET	do	. 30
1239		E. E. Craig		1 2
1240		M. C. Weaver		34 50
241		Bertha G. States		88
242		Robert Pergande		0.0
243		B. L. Morenouse	00	86
10/15	do	D Pritchard	do	88 58 58 58
19/4	do	H Pritchard	do	200
1240	uo	H. Pritchard L. Donohue G. Donohue Claude Harrolle Loue Frizzell Pearley Cunningham Ralph Chaplin James Boswell Andrew Boswell F. H. Kelley Evalena Bowen R. K. Turner A. O. Magnason C. R. Sinclair Ethel Berlin A. R. Brandner	do	50
1949	uo	G Donohua	do	1 00
1240	uo	Clauda Harrolla	do	4 <i>i</i> 30
1249	do	Loug Friggell	do	40
1200	do	Doorlor Cumpingham	do	1 1/
1201	do	Polyh Charlin	do	14 60
1202		Tomos Posseell		12
1203	do	Andrew Perwell	00	96
1204	do	E II Kallar	00	16
1200	do	Frolone Devren	do	25 10 28 16 80 56
1200		D Z Tymon	u0	16
1201		A. O. Magnagan	u0	100
1200	uo	C. D. Cinelein	do	56
1208	do	Ethal Darlin	u0	16
1000	do	A D Drondner	do	1 1
1060	do	G F Poulson	do	25
1202	do	D M Storong	do	28 20
1264	do	D F Moharmy	do	18
1265	do	Ed Wharmhy	do	60
1266	do	Wm Wilda	do	60 90
1267	do	Mary Ryan	do	41
268	do	A Servis	ob	62
269	do	W I Smith	do	109 38
270	do	John Snyder	ob	38
271	.do	D. C. Sprinkle	do	52 70 76 66
272	do	Frank Stateler	ob	70
273	do	William Templin	do	76
274	.do	I. F. Tillotson	do	66
275	do	George Tov	do	54
276	do	George Turner	do	43
277	do	Henry Turner	do	48 57 51
278	do	Louis Pro	do	5
279	do	J. F. Purkins	do	54
280	do	William Quinn	do	66 90
281	do	Ed. Richards	do	90
282	do	Chas. Wilson	do	20
283	do	Arthur Turner	do	46 60 60
284	do	L. M. Stearns	do	60
285	do	Bert Math ws	do	60
286	do	H. H. Mahorney	do	57
287	do	J. F. Long	do	59
288	do	F. M. Perry	do	60
289	do	Edward Hargan	do	59
290	do	Samuel Hanson	do	61
291	do	Sell Hamlin	do	52 60
292	do	W. H. Graybeal	do	60
)293	do	C. Y. Freeman	do	56
0294	do	C. E. Follansbee	do	52
0295	do	William Fogarty	do	54
0296	do	Frank Fogarty	do	52
)297	do	Louie Fender	do	56 52 54 52 69
)298	do	Fred Fender	do	87 90
0299	do	A. O. Magnason C. R. Sinclair Ethel Berlin. A. R. Brandner G. F. Paulsen. R. M. Stevens. P. F. Meharry. Ed. Wharmby. Wm. Wilde Mary Ryan A. Servis. W. J. Smith John Snyder D. C. Sprinkle Frank Stateler William Templin I. F. Tillotson. George Toy. George Turner Henry Turner Louis Pro J. F. Purkins William Quinn Ed. Richards Chas. Wilson Arthur Turner L. M. Stearns Bert Math ws. H. H. Mahorney J. F. Long. F. M. Perry Edward Hargan Samuel Hanson Sell Hamlin. W. H. Graybeal C. Y. Freeman C. E. Follansbee William Fogarty Frank Fogarty Louis Pro Louis Pre	do	90
)300	do	E. P. Dibble	do	79 66 18
)301	do	Jos. Davis	do	66
	1 40	Pata Davis	do	1 18

Vo.	Date.	To whom.	For what.	Amoun
	1912.	John Ceduskey. F. Cunningham  Frank Crathorne Thos. Butler D. M. Bullock Harry Brown Basil Brown John Brannagan Water Birdzell C. E. Arrington W. M. Atwell J. E. Bailey B. L. Reed Jacob Nikolaus J. R. Newton Jasse Meyers Rebecca Morgan Ruthe E. Murphey Urlah Moreland A. N. Moran Dan Meneely C. M. Miller O. E. Meenach James McCullough A. J. McAlister A. C. Litton Thos. Long E. C. Lewis William Leach F. Langhoff Adolph Langhoff E. W. Justus T. F. Harper T. O. Henderson W. G. Hixon Ross Hutton Frank Irvine James Irvine		
.0303 .0304	Dec. 31	John Ceduskey F. Cunningham	Wages, December, 1912 Wages, December, 19 2, and use	\$ 72
กรกร	do	Frank Crathanna	of teams	141
0306	do	Thos. Butler	do	78 60
0307	do	D. M. Bullock	.do	57
0308	do	Harry Brown	do	60
0309 0310	00	Lohn Bronnagan	d0	60 64 87
0310	do	Water Birdzell	-do	68
0312	do	C. E. Arrington	do	68 62 52
0313	do	W. M. Atwell	do	52
0314 0315	ao	J. E. Balley R. T. Rood	do	42
0316	do	Jacob Nikolaus	-do	49 60 71
0317	do	J. R. Newton	do	71
0318	do	Jesse Meyers	do	61
033U 031A	ao	Rutha E Murphay	do	41
0321	do	Uriah Moreland	-do	58 59
0322	do	A. N. Moran	do	61
0323	do	Dan Meneely	do	62
∪324 ∩395	ao	O E Meenach	do	52 64
0326	do	James McCullough	.do	53
0327	do	A. J. McAlister	do	52 64 53 70 57 68
0328	do	A. C. Litton	do	57
0329 0320	ao	Thos. Long	do	67
0331	do	William Leach	do	56
0332	do	F. Langhoff	do	56 57 78
0333	do	Adolph Langhoff	do	78
0334 0225	do	E. W. Justus	do	108 52
0336 0336	do	T. O. Henderson	do	100
0337	do	W. G. Hixon	do	100 49
0338	do	Ross Hutton	do	55
0339	do	Frank Irvine	do	63
0340 0341	do	Margaret Iones	do	52 41
0342	do	W. J. Langhoff	do	43
0343	do	J. A. J. Kliem	do	66 50 53
0344	do	G. E. Kirk	do	50
0345 0346	do	P S Toffors	do	63
0347	do	Fred Hoover	do	50 56 52
0348	do	F. T. Franklin	do	56
0349	do	J. J. Fiscus	do	52
U35U N351	do	Tohn Boyler	do	64
0352	do	R. W. Baldwin.	do	56
0353	do	J. A. Sackrison	do	24 56 18 87
J354	do	C. A. Dunseth	do	87
0356 0356	ao	Chas Hill	do	01
0357	do	T. O. Henderson W. G. Hixon Ross Hutton Frank Irvine James Irvine Margaret Jones W. J. Langhoff J. A. J. Kliem G. E. Kirk C. C. Johnson P. S. Jeffers Fred Hoover F. T. Franklin J. J. Fiscus Geo. Boyer John Begley R. W. Baldwin J. A. Sackrison C. A. Dunseth William Wascher Chas. Hill Chas. Gundlock J. Rachwalski V. H. Cartwright Howard Downing Orval Snook C. P. Moore Harrison Noecker August Warmbler Fred Hooker Marie A. Gordon G. H. Reily L. S. Baldwin J. S. Bowling D. M. Avey L. S. Baldwin T. W. Dieckmann Della Rogers Burt Hays Wesley Wilson Marguerite Munn F. H. Colver S. T. Wallage H. J. Vanderbeek Florence Nyberg	do	65 91 89
358	do	J. Rachwalski	do	55 14 57 22 12 36 63 24
359	do	V. H. Cartwright	do	14
1361 1361	ob	Orval Spook	do	57
0362	do	C. P. Moore	do	12
0363	do	Harrison Noecker	do	36
0364	do	August Warmbier	do	63
0386 0386	on	Maria A. Gordon	ao	24 50
0367	do	G. H. Reilv	_do	80
0368	do	B. L. Bowling.	do	70 110
0369	do	D. M. Avey	do	110
U370	do	L. S. Baldwin	do	21 32
oa (1 0379	do	Della Rogers	do	32
0373	do	Burt Hays	do	60
0374	do	Wesley Wilson	do	87
0375	do	Marguerite Munn	do	40 60 87 50
0376 0377	dο	F. H. Colyer	do	29
0378	do	H. J. Vanderheek	do	65 50
00.0	1	Tal	do	1 00

No.	Date.	To whom.	For what.	Amou
	1912.	Lida E. White  S. Warren  E. R. Berbaum  W. H. Clark  C. A. Denman  A. Baumgartner  Harry Higgens  Asa Denman  Wesley Hoffman  S. A. Porter  Ethel V. Manley  J. H. Vandiventer  Geo. Stipes  Marion E. Sparks  O. P. Smith  M. C. Booher  J. E. Morgan  A. J. Booker  G. E. Wright  Martin Sandwell  John Miller  A. Bevis  Amos Wright  W. L. Curlis  J. A. Taylor  Twin City Creamery Co  M. E. Simonsen  Livingston Creamery Co-  F. J. Weddige  Green River  Green River  Green River  Green Richards  W. F. Conway  Geo. J. Deardorf  F. Grimm  W. L. Richards  W. F. Conway  Geo. J. Deardorf  F. Grimm  W. R. Olinger  L. R. Weckerly  P. J. Petersen  Geo. Bost  C. R. Reiter  John Carman  Frank Wilson  T. E. Lindsey  H. D. Oberdorfer  George Page  Beardsley Hotel Co  Laura B. Evans  F. P. Collyer  The Reliable Plumbing & Heating Co  G. W. Porter  E. E. Hoskins  F. W. Gault  J. R. Midyett  E. L. Woolsey  George W. Medley  Carroll J. Badger  A. W. Stoolman, Contractor  L. Kastler  Chivers Book Binding Co  E. E. Hoskins  F. W. Gault  J. R. Midyett  E. L. Woolsey  George W. Medley  Carroll J. Badger  A. W. Stoolman, Contractor  L. Kastler  Chivers Book Binding Co  E. E. Hoskins  F. W. Colman Co  Burroughs Adding Machine Co  Centanal Scientific Co  Contanal Sc		
10380	Dec. 31	Lida E. White	Wages, December and November,	. 100
10201	a -	C TTT min	1912	\$ 100 22
10560	00	S. Warren	wages, December, 1912	64
เบออ⊿	do	W II Clark	do	04
0384	do	C. A. Danman	do	93 105
0385	do	A. Baumgartner	-do	69
0386	do	Harry Higgens.	do	69 85 72 87 87 57 86 69
10387	do	Asa Denman	do	72
10388	do	Wesley Hoffman	do	87
10389	do	S. A. Porter	do	87
.0390	do	Ethel V. Manley	do	57
16501	do	J. H. Vandiventer	do	86
10392	ao	Weeks B. Connection	do	91
บรอง		Marion E. Sparks	do	79
0305	do	M C Booher	do	87
0396	do	I E Morgan	do	43
0397	.do	A. J. Booker	do	87
10398	do	G. E. Wright	-do	87
10399	do	Martin Sandwell	do	87 87 87 87 87 87 87 81
0400	do	John Miller	do	j 98
10401	do	A. Bevis.	do	168
10402	do	Amos Wright	do	8'
0403	do	W. L. Curlis	Butter	10
0404	do	J. A. Taylor.	do	1 .
10405	do	Twin City Creamery Co	do	1 10
10406	do	M. E. Simonsen	do	1 1
10407	do	Livingston Creamery Co	00	1
10400	do	Green Biver Greenery Co	do	1
10410	do	D T Collier	do	1 1
10411	do	Monmouth Creamery Co	do	10 10 10
0412	do	J. R. Newherry	do	1
0413	do	John Coleman	do	1 -
L0414	do	H. E. Siegman	do	1
10415	do	W. L. Richards	do	1 .
10416	do	W. F. Conway	do	1 '
10417	do	Geo. J. Deardorf	. do	1
10418	do	F. Grimm	. do	1 ' '
13419	do	W. R. Olinger	. do	
0420	do	L. R. Weckerly	.	
0421	00	Coo Boot	000	1 . :
10422		C D Poitor	do	4
N424	do	Tohn Garman	Wages December 1912	1
0425	do	Frank Wilson	do do	3
0426	do	T. E. Lindsey	Oats	24
0427	do	H. D. Oberdorfer	Salary, December, 1912	16
0428	do	George Page	Expenses	24 16 4 3
0429	do	Beardsley Hotel Co	Hotel bill	
0430	do	Laura B. Evans	Expenses	4
0431	do	Verna Manley	Wages, December, 1912	39
0432	do	Gertrude Johnson	do	1
0433	00	A. W. Nolan	Expenses	29
0494 049£	do	F P Collyar	Evnances	290
0438	do	The Reliable Plumbing & Heating Co.	Payment on contract	1, 01' 1, 01' 190
0437	do	G W Porter	Wages December 1912	1,01
0438	do	E. E. Hoskins	Expenses	19
0439	do	F. W. Gault	do	55
0440	do	J. R. Midyett	do	4
0441	do	E. L. Woolsey	do	100 41
0442	do	George W. Medley	do	4
0443	do	Carroll J. Badger	do	198
U444	do	A. W. Stoolman, Contractor	Final payment on contract,	198
0445	00	Chivara Pook Pinding Co	Expenses	15
0440	do	E P Dobley & Co	Cabinate	15 18 75 35 192
0447	do	Hereld Thompkins	Chickens	10
0440	do	Balanced Ration Feed Co	Няу	100
0450	do	Dayton Fruit Tree Label Co.	Lahels	102
0451	do	Detroit Flower Pot Co	Supplies	33
0452	do	The J. C. Dinsmore Co	Exterminator	2
0453	do	Burroughs Adding Machine Co	Machines	393
0454	do	Central Scientific Co	Filter	11
0455	do	Champaign Steam Laundry	Washing	192 6 33 2 393 11 46
.0456	do	Henry Disston & Sons	Saws	36
11/15/71	i do i	Doubleday, Page & Co	Linvelopes	6

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

lo.	Date.	To whom.	For what.	Amou
	1912.	R. J. Stones. Mittendorf & Kiler H. F. Chester F. O. Dufour Jacob White. National Steam Specialty Co. American Mason Safety Tread Co. J. Bishop & Co., Platinum Works W. J. Boehm Hunter, Rourke & Co. Champaign & Urbana Water Co. Cleveland City Forge & Iron Co. Drake Marble & Tile Co. Carson, Pirie, Scott & Co. Eugene Dietzgen Co. Pantagraph Printing & Stationery Co. W. D. Allen Mfg. Co. H. A. Dreer J. B. Clow & Sons The Century History Co. The Spectator Co. C. H. Brownell N. E. Dionne M. P. Lantz. C. H. Elliott		
0458	Dec. 31	R. J. Stones.	Lambs	\$ 40
0459 0460	do	Mittendori & Kiler	Furniture	60 10
0461	do	F O Dufour	Expanses	24
0462	do	Jacob White	Labor and material	27
0463	do	National Steam Specialty Co	Valves	14 70 12
)464	do	American Mason Safety Tread Co	Treads	70
)465	do	J. Bishop & Co., Platinum Works	Capsules	12
0466	do	W. J. Boehm	Tubing	2
1467	do	Hunter, Rourke & Co	Corn crates	80
7408 7460		Clareland City Force & Trop Co	Motorials	$\frac{10}{31}$
1470	do	Draka Marhla & Tila Co	do do	7
1471	do	Carson, Pirie, Scott & Co	Hangers	7 2
)472	do	Eugene Dietzgen Co	Supplies	16
)473	do	Pantagraph Printing & Stationery Co	Printing	1, 076 45 2
174	do	W. D. Allen Mfg. Co	Hose	45
)475	do	H. A. Dreer	Plants	6
)476	do	J. B. Clow & Sons.	Plugs	6
1477	do	The Century History Co	B00ks	20
1470	uo	C H Brownell	Partition	30 47
180	do	N E Dionna	Rook	1
)481	do	M. P. Lantz	Ram	35
1482	do	M. P. Lantz. C. H. Elliott. Silas Echols.	Ram Expensesdo. Steel Machine parts. Tool racks Cutter	9
483	do	C. H. Elliott. Silas Echols. Crucible Steel Co. of America. Cleveland Automatic Machine Co. The Cleveland Wire Spring Co. The Coveland Wire Spring Co. The W. P. Davis Machine Co. S. Noble King. L. E. Wallace. W. N. Sunderland. The J. H. Day Co. Henry Bruns. A. A. Stout. F. S. Burch & Co. J. W. Amrine. W. F. Langelier. S. D. Childs & Co. Assn. of Official Agricultural Chemists National Electric Light Assn. Tiona Refining Co. The Home Telephone Co. The Whitaker Paper Co. Mary E. Ahern. L. C. Smith & Bros. Typewriter Co. Underwood Typewriter Co., Inc. The Rudolph Wurlitzer Co. Weston Electrical Instrument Co. E. G. Soltmann. Ernst Leitz G. Gennert. Twin City Electric Co.	do	9
184	do	Crucible Steel Co. of America	Steel	22
)485	do	Cleveland Automatic Machine Co	Machine parts	15 11
)486	do	The Cleveland Wire Spring Co	Tool racks	11
)487	do	The W. P. Davis Machine Co	Cutter	32
1488	00	S. Noble King.	Ernangea	329
)489 )400	do	L. E. Wallace	Expenses	62
1401	do	The I H Doy Co	Tron halls	1
1492	do	Hanry Bruns	Rent Expenses Rent. Iron balls Hardware Straw. Supplies	63 81
1493	do	A. A. Stout.	Straw	81
)494	do	F. S. Burch & Co.	Supplies	11
)495	do	J. W. Amrine	Hay Expenses Punch	93 26
)496	do	W. F. Langelier	Expenses	26
)497	do	S. D. Childs & Co	Punch	. 5
1498	do	Assn. of Official Agricultural Chemists	Dues.	
1499	do	Tions Polying Co	Books, etc. Oil and compound. Service.	20 100
)200 1501	do	The Home Telephone Co	Sarvica	100
1502	do	The Whitaker Paner Co	Paner	16
1503	do	Mary E. Ahern	Paper Services Rental	27 10
504	do	L. C. Smith & Bros. Typewriter Co	Rental	10
505	do	Underwood Typewriter Co., Inc	Ribbons Music stands Ammeter	1 1
0506	do	The Rudolph Wurlitzer Co	Music stands	36 51
507	do	Weston Electrical Instrument Co	Ammeter	51
)508	do	E. G. Soltmann	Blanks	889
)5U9	00	Ernst Leitz	Instruments	300
101U 1511	o	Twin City Electric Co	Dry cells	8
1519	do	The Zenner Disinfectant Co	Dry cells. Zenoleum	1 19
0513	do	H. P. Stinespring	Hay	12
$05\bar{1}4$	do	Tablet & Ticket Co.	Blank letters	ا ا
$05\bar{1}5$	do	The Urbana Courier Co	Printing	2
0516	do	Vaughan's Seed Store	Flowers. Apparatus.	2
)517	do	Ernst Leitz G. Gennert. Twin City Electric Co. The Zenner Disinfectant Ço. H. P. Stinespring. Tablet & Ticket Co. The Urbana Courier Co. Vaughan's Seed Store. Weil Brothers. A. H. Revell & Co. Pittsburg Instrument & Machine Co. Pittsburg Instrument & Machine Co. Sheldon Brick & Building Supply Co. Norton Co. Baker & Co., Inc. Wilson-Maeulen Co. The Thermal Syndicate, Ltd. The Standard Calorimeter Co. W. G. Johnston & Co. The Veeder Mig. Co. University Press. G. E. Warner The Willis Music Co. The H. W. Gray Co. The Boston Book Co. Wisconsin Gas Assn.	Apparatus	97 52 185
)518	do	A. H. Revell & Co	Desks Separator	97
)519	do	Pittsburg Instrument & Machine Co	Separator	107
J52U	αο	Parker-Russell Milling & Mig. Co	Brick	100
0521 0521	do	Norton Co	Mortar coloring Filter cones	
0593	do	Baker & Co., Inc.	Crucibles	
0524	do	Wilson-Maeulen Co.	Tubes	1
0525	do	The Thermal Syndicate, Ltd	Supplies	11 11 12 14
0526	6 do	The Standard Calorimeter Co	Gaskets and hydrone	2
0527	( do	W. G. Johnston & Co	Files	14
0528	3 do	The Veeder Mfg. Co	. Counters	
0529	do	University Press	Crucibles Tubes Supplies Gaskets and hydrone Files Counters Labels Books	į .
0530	Jdo	U. E. Warner	DOOKS	13
U55]	μαο	The Willis Music Co	MusicBooks	19
0522	do	The Boston Book Co	Rooks	9:
052	2do 3do 4do	Wisconsin Gas Assn	Book	9
.000	do	T. C. Thayer G. W. Sheldon & Co.	doFees and telegrams	
()534				

٧o٠	Date.	To whom.	For what.	Amou
	1912.			
0537	Dec. 31	The W. S. Tyler Co	Sieves	\$ 7
0538	do	J. M. Lindgren	Services	29
0540	do	New Jersey School-Church Furniture Co.	Capinets	65
0540	do	Western Kieley Steam Specialty Co	Annaratus	25 3
0542	do	The W. S. Tyler Co J. M. Lindgren New Jersey School-Church Furniture Co. Geo. B. Carpenter & Co. Western Kieley Steam Specialty Co Illinois Electrical Mfg. Co.	Labor and material	30
0543	do	Whiting Paper Co. The Traffic Service Bureau. J. L. Tarbox. H. J. Green The Illinois Agriculturist. The Beardsley Hotel Co. S. Druckerman.	Paper	59
0544	do	The Traffic Service Bureau	Subscription	6
0545	do	J. L. Tarbox	Cement	4
0546	do	H. J. Green	Thermometers	8
0547	do	The Illinois Agriculturist	Copies	2
0540	do	The Beardsley Hotel Co	Hotel bill	12 84
0550	uo	C. A. Harris & Co.	Cool	8
0551	do	The McCrum-Howell Co	Annaratus	. 3
0552	do	Gaylord Brothers	Binders	ľ
0553	do	Snead & Co. Iron Works	Parts for shelf	6
0554	do	Leedy Mfg. Co., Inc.	Labor and materials	11
0555	do	American Lead Pencil Co	Pencils	3
0556	do	Edward Pennock	Cover glasses	31
Un57	do	Ed. Cordin	Carrots.	3
UDDS OFFO		r rison Carriage Snop	Labor and material	1
บบบช กระก	do	R W Hughesh	Rooks	21
0561	do	C. A. Harris & Co. The McCrum-Howell Co. Gaylord Brothers. Snead & Co. Iron Works. Leedy Mfg. Co., Inc. American Lead Pencil Co. Edward Pennock. Ed. Cordin. Frison Carriage Shop. W. H. Johnson. B.W. Huebsch. The Howard Severance Co. W. T. Jewell	do	18
0562	do	W. T. Jewell	. do	15
0563	do	M Lowenstern	Cloth	1
0564	do	Poultry Department, A. C. The Phoenix Nursery Co Ledder & Probst	Chickens	18
0565	do	The Phoenix Nursery Co	Trees	23
.0566	do	Ledder & Probst	Drawing boards	46
0567	do,	IR T Rantamin	Horse shoeing	7
0568	dodo	N. Bogue.	The error error	36
0509 0570		The Sherwin Williams Co	Points	5
0570	do	The I R Ford Co	Chamicale	10
$057\bar{2}$	do	F. C. Jorgeson & Co	Fixtures	275
		The J. B. Ford Co. F. C. Jorgeson & Co. Wm. Hix.	Hauling.	100
0574	do	Scientific Materials Co	Burner	6
0575	do	Gould Storage Battery Co	Jars	60
0576	do	Will. HIX Scientific Materials Co. Gould Storage Battery Co. Wm. Goodbody. Hoagland's Livery & Garage Harrison Safety Boller Works.	Envelopes	1/1
0577	do	Hoagland's Livery & Garage	Services	10
0578	do	Harrison Safety Boiler Works	Separator	19
0579 0580	do	The Frederick Post Co	Pener	10
0581	do	American La France Fire Engine Co	Supplies	9
0582	do	Gutta Percha & Rubber Mfg. Co	Hose	100
0583	do	The Foley Mfg. Co.	Sash	3
0584	do	John E. Scopes & Co	Books	8
0585	do	N. T. Peirce:	Lime	7
0586	do	Merrell-Soule Co	Milk powder	1
0587	do	Harrison Safety Boiler Works P. D. Foster The Frederick Post Co American LaFrance Fire Engine Co Gutta Percha & Rubber Mfg. Co The Foley Mfg. Co John E. Scopes & Co N. T. Peirce Merrell-Soule Co American School of Home Economics Chas. Scribner's Sons The National Citizen's League	Books	7
0588	do	Chas. Scribner's Sons	Morehandin for	1 1
บออย กรดก	ao	The National Chizen's League	Freight and food	14
0501	do	Review Printing & Stationery Co	Directory	1 5
0592	do	The National Citizen's League. Tice & Lynch Review Printing & Stationery Co. C. F. McElroy. The Holstein Friesian Register Co. Illinois Glass Co.	Book	j
0593	do	The Holstein Friesian Register Co	do	6
0594	do	Illinois Glass Co	Materials	1 2
0595	do	Illinois Glass Co. Mills Electric Co. Addressograph Co. The Hill & Griffith Co. J. T. Ryerson & Son. Guy Fox. Hess Warming & Ventilating Co. The Letter Shop. Swartz Electric Shop. A. M. & L. A. Terwilliger J. R. Gray & Co.	Recharges	18
0596	do	Addressograph Co	Drawers	6
0597	do	The Hill & Griffith Co	Brushes	25
0598	do	T. P. Kelly & Co	Glutrin	1 6
บอษษ กศกก	0D	Guy Foy	Wagas December 1019	80
0601	do	Hess Warming & Ventilating Co	Laboratory apparatus	140
0602	- do	The Letter Shop	Services.	18
0603	do	Swartz Electric Shop	Supplies	13
0604	do	A. M. & L. A. Terwilliger.	Hardware	ĩ
0605	do	J. R. Gray & Co	Atlas	7
.0606	do	Eimer & Amend	Apparatus	280
.0607	do	J. R. Gray & Co. Eimer & Amend. Bausch & Lomb Optical Co. Champaign Gas & Electric Supply Co Western Electric Co.	Burners and apparatus	31
.0608	do	Unampaign Gas & Electric Supply Co	Floatric supplies	43
100U9	ao	Western Electric Co    Flanigan-Pearson Co	Stationary	43
0611 0010	do	Frantigan-Fearson Co. E. H. Sargent & Co. A. C. McClurg & Co. Bacon Brothers. Yawman & Erbe Mfg. Co. The Taylor Hardware Co.	Lahoratory apparatus	58 113
0612	do	A C McClurg & Co	Books	24
0613	do	Bacon Brothers	Paints, etc.	48
0614	do	Yawman & Erbe Mfg. Co	Cabinets.	48 140
	1 - 3	The Marrier Handwore Co	Hordword	72

0.	Date.	To whom.	For what.	Amour
	1912.	Library Bureau Sengbusch Selfclosing Inkstand Co. H. Swannell & Son. H. McFadden & Brother J. C. Thomas B. A. Strauch Smith & Co. F. K. Robeson The Miller Harness Co. J. H. Doyle.  Strauch Smith & Co. F. K. Robeson The Miller Harness Co. J. H. Doyle.  Stander Reformatory F. A. Hawley S. E. Dillayou J. W. Butler Paper Co. National Engraving Co. D. H. Lloyde. Stipes & Hecker Illinois State Penitentiary. Percival & Moorehead Montgomery Ward & Co. The University of Illinois Supply Store. Lewis Electric Supply Co. Central Electric Co. The Carson-Payson Co. J. B. Bennett. W. Lewis & Co. McIntosh Stereopticon Co. Bennett's Newspaper & Magazine Agency C. A. Hall Hardware Co. Bryan-Marsh Electric Works The Burr Co. S. E. Huff & Co. The Saffell Co. Withelm Miller S. P. Negus. A. H. Nehrling C. E. Durst. J. F. Ammann Frederick Post Co. Jas. G. Biddle. E. M. Moll Hegenbart & Dickerson W. L. Gaines H. Mueller Mig. Co. Standard Oil Co. Hoskins Mig. Co. Fuller & Fuller Co The Elliott Co. Chris Egginton W. R. Hall W. L. Abbott A. P. Grout F. G. Blair University Club O. E. Staples, Chief Clerk		
616	Dec. 31	Library Bureau	Supplies	\$ 362 18 2 3
617	do	Sengbusch Seliciosing Inkstand Co	Inkstands	18
610	do	H. Swannell & Son	Food	2
620	ao	I C Thomas	Hardware	98
621	do	B. A. Strauch	Prints, etc.	28 18 8 42 24
622	do	Smith & Co.	Tankage	8
623	do	F. K. Robeson	Dry goods	42
624	do	The Miller Harness Co	Harness and repairs	24
625	do	J. H. Doyle	Hardware	34 419
626	do	Illinois State Reformatory	Printing	419
627	do	F. A. Hawley	Labor and materials	358 17
028	do	S. E. Dillavou	Supplies	17
320		Notional Engraving Co	Paper	. 8 51 17
221	do	D H I lordo	Supplies	31
333	do	Stings & Hagizar	Sand and gravel	64
333	do	Illinois State Penitentiary	Furniture	188
334	do	Percival & Moorehead	Hardware	188 52
335	do	Montgomery Ward & Co	do	162 299 75
36	.do	The University of Illinois Supply Store	Supplies	299
37	do	Lewis Electric Supply Co	Electrical supplies.	75
38	do	Central Electric Co.	do	234 240
339	do	The Carson-Payson Co	Labor and materials	240
340'	do	J. B. Bennett	Tile, etc	28
41	do	W. Lewis & Co	Dry goods	28 7
42	do	McIntosh Stereopticon Co	Supplies	7 2 30
343	do	Bennett's Newspaper & Magazine Agency	Subscription	2
544	do	C. A. Hall Hardware Co	Hardware	30
145	do	Metzler & Schaler Co	Groceries	12
140	do	Bryan-Marsh Electric Works	Electrical supplies	139
240	go	The Burr Co	Hardware	135 290
240		S. E. Hull & CO	Handware and	290
149	uo	Wilhelm Willer	Ermanaga	121
351		S D Nome	Drowing	4
352	do	A H Nahrling	Evnance	25 3
353	do	C E Duret	do	9
554	do	J F Ammann	do	24
355	do	Frederick Post Co	Paper	24 24 3 13
356	do	Jas. G. Biddle	Rheostat	13
357	do	E. M. Moll	Lamp	3
358	do	Hegenbart & Dickerson	Groceries	3 4 10
559	do	W. L. Gaines	Expenses	10
60	do	H. Mueller Mfg. Co	Apparatus	4 10
61	do	Standard Oil Co	Qil	10
62	do	Hoskins Mig. Co	Rheostate	8
063	ao	Fuller & Fuller Co	Chemicals	4
04	do	Chris Escipton	Dental percentract	7
66		W D Hall	Expenses	100
67	do	W T. Abhott	do	11 180
68	do	A P Grout	do	101
69	do.	F. G. Blair	do	10
79 l	do	University Club	Services	19
71	do	O. E. Staples, Chief Clerk.	Sundry bills paid	358
72	do	O. E. Staples, Chief Clerk.	Men's payrolf	358 882
73	do	O. E. Staples, Chief Clerk	Freight bills paid	314 1,831
74	do	O. E. Staples, Chief Clerk	Students' payroll	1,831
75 .	do	O. E. Staples, Chief Clerk	Express bills paid	142
_	1913.			
76	jan. 6	E. K. Strachan	Salary, December, 1912	100
77	Jan. 7	M. K. Lipsenutz	B00KS	100 5 53
18	ao	M. FODDelaner	Evnenges	53
19.	ao	L. J. 10WIISCHO	Carvines	27
애.		Ganaral Associatio Co	Dietograph rental	27 5 10
ο. Ο.Ι.	do	E T Strong	Model	10
04	do	Geo T. Koch	How	13
οοι. ΩΔΙ	do	Twin City Roofing & Sheet Metal Works	Motorials	17
85	do	M. K. Lipschutz M. Poppelauer E. J. Töwnsend. S. F. Prince General Accoustic Co. E. T. Strong. Geo. L. Koch Twin City Roofing & Sheet Metal Works Wm. Price Estate. The Silica Syndicate, Ltd. White Hall Sewer Pipr & Stoneware Co., Contractors A. Ten Broeck. Joseph Baer & Co. Chas. Chadenat Porrua Hnos. Pickering & Chatto.	Sunnlies	10 13 554 17 30 34
86	do	The Silica Syndicate Ltd	Silica	34
87	40	White Hall Sawer Ping & Stoneware Co	Dario	
٠١٠		Contractors	Final payment on sile	151
88	ob	A. Ten Broeck	Expenses	151 10 1 6
89	.do	Joseph Baer & Co	Books	1
9ŏ .	.do.	Chas. Chadenat	Book	Ā
aĭl.	.do.	Porrua Hnos	Books	17 3

1913	e	e.		To whom.	• For what.	Amou
1983   1an.	3	3.		,		
10		7	7	Wm. Reeves	Books	\$
190	•		-	H. A. Nollister	Expenses	
199	•		-1	Wm. Aten, Sr	do	
00	•		-	U. W. Craptree	00	10
10	•	• • • •	-	Estate of Hiram Sibley		16
March   Marc	•	• • • •	- [	O. S. Fisher	<u>q</u> 0	15: 3: 3:
00	•		-	J. G. Mosier	qo	3
100	•		•	Rance Sutton		3
100	•		-	Frank Webber	Stover	4
100	•		-	J. H. Percival	Straw	12
100			-	Otto Harrassowitz	Books	52 52
105   Jan.   B.M. W. Bussy.   Milk.		. i	-	W. W. Lindley, Postmaster	Postage	52
106		8	8	M. W. Busey	Milk	1
107   do.   F. L. Swanson   do.			-	A. D. Sizer	do	
108   do				F. L. Swanson	do	1
100   10	_		ان	R. W. Graham	do	
1710   do				E. R. Hamm	do	
11	Ī		-	I A R Koch	do	1
1712   do	•	•••	•	W I Hewardine	do	_
13	•	• • • •	•	Chac Sahwarta	do	l .
1714   do.   J. M. Stickrod   do   do   do   do   do   do   do	•		-	Fred Thompson	do	1 1 , 2
171   00	٠	• • •	•	T M Ctickrod	do	
110   00   F. P. Dunn	•	• • •	-	J. M. SUCKIOG	uo	Į , 2
100			• •	r. r. punn	ao	1 -
			-	E. W. Smalley	ao	1
138			-	J. H. Schwengel	ao	] 1
1790   do				Jas. Freeman	do	1 1
1720		٠		G. Taylor	do	1
Table   Tabl				O. A. McInnes	do	i
T22				John Weiss	do	1 1
Table   Tabl				C. Allen	.do	1
T25				T A McCracken	do	2
1725   do				W E Leigh	do	
1726   do		•••	• •	Wm Coco	do	
1727   do   W. E. Yount   do   do   do   do   do   do   do   d	•	• • • •	• •	T H Cordon	do	1
128	•	• • •	• •	W F Vount	do	١,
128   00	•	•••	• •	TIT TT Char		1 4
1730   do   C. A. Richman   do   do   do   do   do   do   do   d	•	•••	• •	O A Dichesses	00	١,
130	•	•••		C. A. Richman	ao	1 :
731	•		• •	S. Atenison	do	1 4
733	•			A. G. Guard	do	1
733 . do M. Leigh				J. B. Salliday	do	i
1734				M. Leigh	do	]
785				I. W. Maxwell	do	]
1736				J. M. Herriott	. do	
1737				M. Hudson	do	1 1
1788   do				T. P. Lyons	.do	1 7
739   do				J. E. Henderson	do	
1740   do				C. C. Gordan	do	1
	•		• •	H I Nelson	do.	1
	•		• •	A R Grindley	do	
1743   do	•			A T Putsobor	- do	١.
1744   do	•			I II IImbonhows		1 :
1745   0.0   W. Meyers   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0	•	• • •	• •	D W Chirolog	do.	1 :
1743   0.0	•			D. W. SHIVERY	. αο	1 :
140   R. A. Lumsgen   do   do       147   do   G. F. Diefenbach   do       148   do   C. A. Fogel   do       149   do   H. R. Hyde   do       1750   do   W. C. Welch   do       1751   do   E. R. Canady   do       1752   do   M. Cherry   do       1753   do   John McCullough   do       1754   do   John McCullough   do       1755   do   George Herriott   do       1755   do   George Herriott   do       1756   do   H. J. Moorehouse   do       1757   do   Andrew Shields   do       1758   do   W. F. Hampton   do       1769   do   W. F. Hampton   do       1760   do   W. J. Wilson   do       1761   do   W. J. Wilson   do       1762   do   F. W. Howell   do       1763   do   John Godsell   do       1765   do   R. S. McInnes   do       1767   do   R. S. Guinn	•			vv. vv. Meyers		1.
14	•			K. A. Lumsden	. qo	
1/48	•			G. r. Dieienbach	. ao	
1749				U. A. Fogel.	. do	
1750   do				H. R. Hyde	. do	. 1
1751			٠.	W. C. Welch	. do	:
1752	_			E. R. Canady	do	.] :
1763   do				M. Cherry	do	1
No.   David Wilkin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .	_			John McCullough	do	1
1755   do   George Herriott   do   do   do   do   do   do   do	•			David Wilkin	do	1
1756   do	•		• •	George Herriott	do	1
1767	•		• •	H I Moorahouse	do	1
Anniew   Anniews	•		• •	Androw Shields	do	1 :
W   F   Hall   DOI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .	•	• • • •	• •	W F Hampton	do	1 :
H. Besore	•		• •	т п Резель	- uo	1
1700   W. H. Frame  do	•		• •	I. H. Besore		·1
1/01   QO	•		٠.	W. H. Frame	. ao	
	•		٠.	w J. Wilson	. ao	-1
	•	· • • •	٠.	F. W. Howell	. ao	-
	•			John Godsell	. do	-
1765 do				Pearl Hazen	. do	
0766 do C. G. Van Holten do do				R. S. McInnes	. do	-1
767 do S Guinn				C. G. Van Holten	. do	.1
	•			S. Guinn	do	
768 do. F. H. Busey do	•			F. H. Busev	do	
0769  do   W. Davis   do	•			W. Davis.	do	
0770 do L. F. Lindsey	•	- <b></b>		L. F. Lindsey	do	
7771 do G. M. Van Meter do	•		٠.	G. M. Van Meter	do	1 3

). 	Date.	To whom.	For what.	Amou
	1913.			
772	Jan. 8	Frank Knox J. M. Smith J. B. Marsh Cora Stacker J. F. Hoy C. J. Gillespie B. Jordan L. P. Rayburn E. Grove Len Rayburn N. C. Kaufman Geo. Schiff C. Ross	Milk	\$ 10 3 13 29 13
773	do	J. M. Smith	do	1
775	do	J. B. Marsh	do	}
776	do	T F How	.do	,
777	do	C. I. Gillespie	do	12
778	do	B. Jordan	do	29
779	do	L. P. Ravburn	do	1
780	do	E. Grove	do	1 1
781	do	Len Rayburn	do	14
782	do	N. C. Kaufman	do	20
783	do	Geo. Schiff	do	20
(84)	do	U. Ross	do	2.
100		N. Hailli	do	20
797	do	C Horriott	do	2
722	do	P T Lumedan	do	
789	do	T F Jordan	do	3
790	do	Munhall Printing House	Printing	
791	do	E. A. Wilcox	Expenses	13
92	.do	The Beardsley Hotel Co	Hotel bill	- 1
93	do	Jacob White.	Plastering.	10
94	do	Joseph L. Hills, Secretary-treasurer	Dues	3
795	do	F. A. Odernheimer	Dirt	70
796	do	L. F. Rayburn Len Rayburn N. C. Kaufman Geo. Schiff C. Ross. N. Hahn H. Wascher S. Herriott R. T. Lumsden T. F. Jordan Munhall Printing House E. A. Wilcox The Beardsley Hotel Co Jacob White. Joseph L. Hills, Secretary-treasurer. F. A. Odernheimer A. Barr Parker-Russell Mining & Mfg. Co. Dahlstrom Metallic Door Co. Freeman & Brooks, Contractors G. I. Aden, Contractor W. F. M. Goss W. H. Hogan H. B. Gordon Ebner Ice & Cold Storage Co. Jolly Wieland & Richardson Co. H. H. Lauer 20th Century Press Clipping Bureau E. T. Ebersoll John Swaney White Line Steam Laundry. Marie A. Hiles B. E. Powell F. C. Bauer Augusta D. Evans Maud Parsons. Florence Harrison Jennie C. Barlow W. C. Zimmerman The Foley Mfg. Co. J. L. Edmonds Leroy Iler J. B. Andrews C. A. Rowe W. F. Handschin O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk N. E. H. Swigert Marshall, Field & Co. Asbury Crice Herman Fechtruph Rolla Carson John Cooly Chester Turner J. C. Fiscus J. H. Carter Freeman & Brooks, Contractors W. K. Baltzer R. C. Kastler A. F. Krueger C. W. Beardsley C. W. Beardsley C. Beers W. H. Stevens John Balcom H. S. Cash H. A. Dewerff Cornelius Stocker Freeman & Brooks, Contractors W. Slake H. A. Hollister Rosa-Lee Gaut	Building supplies	108 38 70 174 204
797	do	Parker-Russell Mining & Mfg. Co	Brick	204
798	do	Dahlstrom Metallic Door Co	Furnishings	72
799	do	Freeman & Brooks, Contractors	Payments on contracts	6,91
SOU	do	G. I. Aden, Contractor	do	1,89
207	00	W. F. M. GOSS	Expenses	220
203	do	W. H. HOgall	Rooks	7, 896 1, 896 1226
204	do	Ebner Ice & Cold Storege Co	Storage	1
305	do	Iolly Wieland & Richardson Co	Tools	10
306	do	H. H. Laner	Expenses	-
307	do	20th Century Press Clipping Bureau	Clippings	1
308	do	E. T. Ebersoll	Salary, December, 1912	2
309	do	John Swaney	Rental	25
310	Jan. 9	White Line Steam Laundry	Washing	35
311	do	Marie A. Hiles	Loan	38
312	do	B. E. Powell	Expenses	1
313	do	F. C. Bauer	do	13
314	do	Augusta D. Evans	do	10 14
510	do	Maud Parsons	Compies	14
217	uo	Innia C Barlow	do do	30 50
218	do	W C Zimmerman	do	660
319	do	The Foley Mfg. Co.	Payment on contract	660 1,70
320	do	J. L. Edmonds	Expenses	1, 1
321	do	Lerov Iler.	do	5
322	do	J. B. Andrews	do	5
323	do	C. A. Rowe	do	] [
324	do	W. F. Handschin	do	1:
325	do	O. E. Staples, Chief Clerk	Express bills paid	_68
326	do;	O. E. Staples, Chief Clerk	Freight bills paid	544 1
527	Jan. 10	E. H. SWIGOTT	Tuning planos	1
28	ao;	Marshall, Field & Co	Mats	55
29	Jan. 11	ASDUTY CTICO	wages, December, 1912	55
231		Pollo Corson	do	43
32	do	John Cooly	do	10
33	do	Chester Turner	do	5 49 41 70
334	do	J. C. Fiscus	.do	7
335	do	J. H. Carter	Expenses	17
336	do	Freeman & Brooks, Contractors	Payment on contracts	3, 765
337	do	H. K. Baltzer	Expenses	'
338	do	R. C. Kastler	do	1
339	do	A. F. Krueger	do	13
340	do	C. W. Beardsley	do	- 4
341	do	C. Beers.	do	_ 4
342	do	W. H. Stevens	do	14
543	do	John Balcom	do	
344	do	H. S. Cash	do	69 26
345	do	H. A. Dewerff	do	26
346	00	Cornellus Stocker	Traveling expenses	10 383
547		Freeman & Brooks, Contractors	Payment on contract	383 14 17
2101		vv. vv. D18K8	DOUKS	1.4
848		II A II alliaton	Erromana	17

Vo.	Date.	To whom.	For what.	Amou
	1913.			
0820 0891	Jan. 11	Jennie A. Mathers. Fred Hocker O. S. Fisher C. G. Hopkins C. A. Campbell J. E. Whitchurch G. F. Tullock H. D. Oberdorfer The Burr Co.	Salary, December, 1912do. Bills paid. Expensesdo.	\$ 50
000 <i>2</i> 0853		Fred Hocker	Dilla noid	34 16
0854	do	C G Honkins	Expenses	16
0855	do	C. A. Campbell	.do	71
0856	do	J. E. Whitchurch	do	60 219 20
0857	do	G. F. Tullock	do	219
0858	do	H. D. Oberdorfer	do do Hardware and payments on con-	20
0859	do	The Burr Co	Hardware and payments on con-	0.000
በዩዩስ	Ton 13	Chag Schuchart	Hardware and payments on contracts.  Maps. Supplies. Catalog cards. Team. Services.	2, 220
0861	Jan. 19	W S Review	Supplies	9
0862	do	Library of Congress	Catalog cards	75
0863	do	H. H. Richards	Team	425
0864	do	J. F. Johnson	Services.	425 76
0865	do	Taylor & Jones	Mare	850
0866	do	Paul Hansen	Expenses	13 16 3, 624
0867	do	W. G. Stromquist	do	16
0868 0660	do	English Brothers, Contractors	Payment on contract	3,624
0808 0870	Jan. 14	W. W. Lindley Postmaster	Deposit on postage	10
0871	do	Edgar Hermann	Expenses	4
0872	do	J. H. Pettit	Books	10
0873	do	G. F. Tullock H. D. Oberdorfer The Burr Co Chas. Schuchert W. S. Bayley Library of Congress H. H. Richards J. F. Johnson Taylor & Jones Paul Hansen W. G. Stromquist English Brothers, Contractors W. W. Lindley Postmaster J. O. Toland Edgar Hermann J. H. Pettit J. W. Dunlap, Contractor University Blue Building Assn C. E. Hopkins Mrs. Giles Porter N. W. Hepburn H. L. Gannett F. C. Lincoln Laura B. Evans C. M. McConn O. E. Staples, Chief Clerk O. E. Sta	Final payment on contract.	150
0874	do	University Blue Building Assn	Tank	10 150 25 30
0875	do	C. E. Hopkins	Corn	30
0876	do	Mrs. Giles Porter	Rental	100
0877	do	N. W. Hepburn	Expenses	62
0878 0970	do	H. L. Gannett	Services	1 62
USSU	do	Tours P. France	Expenses	18
0881	do	C M McConn	do	19 36 37 327
0882	Jan. 15	O. E. Staples, Chief Clerk	Men's navroll	327
0883	do	O. E. Staples, Chief Clerk	Freight bills paid	521
0884	do	O. E. Staples, Chief Clerk	Sundry bills paid	220 212
0885	do	O. E. Staples, Chief Clerk	Freight bills paid	212
0886	do	O. E. Staples, Chief Clerk	Students' payroll	741
0887	do	O. E. Staples, Chief Clerk	Express bills paid	74
0888	do	W. W. Lindley, Postmaster	Postage	342 30
บออย กออก	do	Twin City Doofing & Shoot Motel Works	Pnotographs	28
033U 0801	do	C C Willie	Dry goods	20
0892	do	Western Carbon & Ribbon Co	Coupon books	22 142
0893	do	G. E. Stechert & Co.	Books	45
0894	do	Rand, McNally & Co	Atlas	13
0895	do	E. H. Sargent & Co	Supplies	311 38
0896	do	Twin City Ice & Cold Storage Co	Ice books	38
0897	do	The Saffell Co	Hardware	4
0898	do	Meyer & Wenthe	Stamps	2
uaaa nann	do	Marun Metz	kepairing	281
0900 0901	do	Underwood Typewriter Co. Inc.	Machine	281
0902	do	A. S. Nelson & Sons	Supplies	1
0903	1do	Mittendorf & Kiler	Furniture.	30
0904	do	Percival & Moorehead.	Hardware.	20
0905	do	R. C. Wagner & Son	Coal and hauling	20 78
0906	do	C. J. Welch	Concrete work	72 13
υ <b>907</b>	do	W. W. Walls & Co	Lumber	13
บอดจ	00	Whitali Tatum Co	Laboratory apparatus	19
6060 1010	ao	A T Todd	Bills poid	240 1
0910	1do	Rrother Lee	Sarvices	15
0912	do	Edwin Walworth	Wages, December 1912	50
0913	do	James O'Brien	.do	2.8
0914	do	Electric Coal Co.	Screenings.	3, 513
0915	do	Ralph Hilscher	Expenses	3, 513 27
0916	do	H. F. Ferguson	do	4
0917	do	Paul Hansen	do	3
0918	Jan. 16	S. E. Huff & Co.	Lumber	624 84
იიიი იგჯგ	do	Standard Oil Co	Supplies.	84
บช20 กดจา	ao	Sanghusch Salfalosing Intratona Co	Ull	44
0929 ∪921	do	Bryan-Marsh Electric Works	Electric supplies	383
0923	do	General Electric Co.	do	140
$09\overline{24}$	do	Derrough & Co	Hardware	45
0925	do	Dallenbach Brothers.	Lumber Supplies Oil Inkstands Electric supplies do Hardware Laboratory supplies Groceries Hardware Furniture	45 1
$09\bar{26}$	do	Eisner Grocery Co. C. A. Hall Hardware Co. Illinois State Penitentiary.	Groceries	5
0927	do	C. A. Hall Hardware Co	Hardware	21 197
ഹഹം	of l	Illinois State Penitentiary	Furniture	197

э.	Date.	Knowlton & Bennett. Illinois State Reformatory. Chivers Bookbinding Co. L. T. Brownfield. Green Street Pharmacy Twin City Printing Co. Central Electric Co. Champaign Daily Gazette. H. McGlade. P. S. Campbell. Bacon Brothers. J. B. Bennett. The Beardsley Hotel Co. Leavitt Mfg. Co. W. Lewis & Co. Kueffell & Esser Co. Geo. O. Shields. O. E. Staples, Chief Clerk Monarch Electric & Wire Co. Illinois Motor Car Sales Co. J. R. Gray & Co. Indianapolis Blue Print & Supply Co. The Chicago Packing House Market. Woldenberg & Schaar F. M. Leslie. The L. S. Starrett Co. Ward Leonard Electric Co. W. D. Messinger & Co. Kimble-Durand Glass Co. Harvard College Library Mrs. F. W. Carpenter Illinois Printing Co. Jacob Reed's Sons. Treasurer, Mil. Ser. Inst. Narragansett Machine Co. The Letter Shop. F. L. Swanson & Son. C. H. Stoolting Co. C. O. Widmayer E. P. Dolbey & Co. Schneider & Trenkamp Co. The Miller Harness Co. W. P. Messler & Co. Frison Carriage Shop. Twin City Feed Mill & Coal Yard Western Roofing & Supply Co. Metzler & Schaler Co. J. P. Stout. Stock Yards Harness & Saddlery Co. Julius Andrae & Sons Co. A. H. Barber Creamery Supply Co. Swartz Electric Shop. Southern Illinois Penitentiary W. M. Davis. The Urbana Courier Co. Oldham Brothers. Missouri Fire Brick Co. Vaughans Seed Store Green Engineering Co. National Steam Specialty Co. Union Clay Products Co. Swattz Electric Rhop. Southern Illinois Penitentiary W. M. Davis. The Urbana Courier Co. Oldham Brothers. Missouri Fire Brick Co. Vaughans Seed Store Green Engineering Co. National Steam Specialty Co. Union Clay Products Co. Swattz Electric Rhop. Southern Illinois Penitentiary W. M. Davis. The Urbana Courier Co. Oldham Brothers. Missouri Fire Brick Co. Ch. Swannell & Son. Westinghouse Electric & Mig. Co. Ch. Dana. Kelso & Hills. Harshaw Ruller & Goodwin Co. The Dana. Kelso & Hillinger Stipes & Heeker C. H. Dana. Kelso & Hillinger Stipes & Heeker C. H. Dana. Kelso & Hillinger Co. Central Scientific Co. Central Scientific Co.	For what.	Amour
	1913.			
929	Jan. 16	Knowlton & Bennett	Supplies	\$ 13
930	do	Illinois State Reformatory	Printing	295
931	ao	Chivers Bookbinding Co	Bookbinding	2
932	qo	L. T. Brownfield	Hardware	16
900	ao	Green Street Pharmacy	Supplies	13 33
934	do	Twin City Printing Co	Printing	110
900  190	qo	Central Electric Co	A description	110
227		Champaign Daily Gazette	Adverusing	6 32
020	do	D. C. Comphall	Apparatus	32 12
020		Pages Prothers	Point eta	1.0
240	uo	T D Donnett	Building motorials	12 211
041	uo	The Peerdeler Hotel Co	Hotel bills	5
042	do	Loovitt Mfg Co	Supplies	72
043	do	W. Lowie & Co.	Shooting and combrid	iõ
944	do	Knaffall & Fesar Co	Pencils	40
945	do	Gao O Shields	Lectures	50
946	do	O E Stanles Chief Clerk	Payment on Snyder fund denosits	300
947	Jan 17	Monarch Electric & Wire Co	Wire	699
948	do 1	Illinois Motor Car Sales Co	Livery	10
949	40	T R Gray & Co	Atlas	7
350	do.	Indiananolis Blue Print & Supply Co	Paper	7 3 1
951	do	The Chicago Packing House Market	Meats	1
952	do	Woldenherg & Schaar	Laboratory supplies	7
953	do	F. M. Leslie	Photos	5
954	do	The L. S. Starrett Co.	Rubber tips	2
955	do	Ward Leonard Electric Co	Repairs	10
956	do	W. D. Messinger & Co	Paper cutter	Ĭ
957	do	Kimble-Durand Glass Co	Tubes	10 9
958	do	Harvard College Library	Cards	9
959	do	Mrs. F. W. Carpenter	Aprons	6
960	do	Illinois Printing Co	Printing	96
961	do	Jacob Reed's Sons	Flags	14
962	do	Treasurer, Mil. Ser. Inst	Subscription	2
963	do	Narragansett Machine Co	Repairs	3
964	do	The Letter Shop	Mimeographing	12 3
965	do	F. L. Swanson & Son	Groceries	3
966	do	C. H. Stoelting Co	Laboratory supplies	34
967	do	C. O. Widmayer	Reeds	6
968	do	E. P. Dolbey & Co	Map	24 2
969	do	Schneider & Trenkamp Co	Supplies	2
970	do	The Miller Harness Co	Blankets	4
971	do	W. P. Messler & Co	. Tree protectors	15 6
972	do	Frison Carriage Shop	Repairs	6
973	do	Twin City Feed Mill & Coal Yard	Grinding corn	.5
974	do	Western Roofing & Supply Co	. Covering	15
975	do	Metzler & Schafer Co	Groceries	43
976	do	J. P. Stout	Services	20
977	do	Stock Yards Harness & Saddlery Co	Harness supplies	23
978	do	Julius Andrae & Sons Co	. Telephone arms	8
979	ao	A. H. Barber Creamery Supply Co	Lary supplies	5
<b>8</b> 80	do	Swartz Electric Shop	Day and da	14
981	do	Southern Illinois Penitentiary	Dry goods	14
982	ao	W. M. Davis.	Drinting	16
983	ao	The Urbana Courier Co	Panore	1 .0
984	ao	Ulanam Brotners	Tilo	33
985	ao	MISSOURI FIRE BRICK CO	Tuo	30
986	ao	v augnans seed store	Quaplies	5
987	ao	Green Engineering Co	Volvos	14
988		Inational Steam Specialty Co	Clay	. 2
989		Union Clay Products Co	Rurnare	10
ษษป	uo	DUIGHT HE WATERIAIS CO	Supplies	12
99T	uo	H. OWALING Electric & Miss. Co.	do	52
992 000		What Decader & Decade the Chamical Co	Acetone	53 14 11
かかる	uo	Easte Mineral Co.	Supplies	11
994 00°	uo	The Denver Fire Clay Co	Bone ash	17
999	ido	A M & T A Tormilligar	IGas oven	1 7
טפט פיסס	do	Stings & Wooker	Gravel	3
000 000	do	C H Done	Labels	j
000	do	Volco & Hills	Iron brackets	l â
በበሰ	do	Harchaw Fuller & Goodwin Co	Magnesite	24
000	do	The Linda Air Producte Co	Oxygen	- 4
บบง	do	Hanry Rlattner	Latern slides	18
004 009	do	Wortern Volva Co	Valves	29
AND.	do	Cantral Scientific Co	Laboratory supplies	24
UU:	do	S W Card Mfg Co	Apparatus	4
200	do	The Linkenheimer Co	Gages	33
		THO PHECHIONIC CO	12 -9 -	1 00

Vo.	Date.	To whom.	For what.	Amou
	1913.		·	
1008	Jan. 17	Cooper-Hewitt Electric Co J. F. Wilder The Babcock & Wilcox Co. Champaign Seed Co. F. R. Muller & Co., Contractors. Callaghan & Co Current Literature Publishing Co L. O. Howard, Secretary. The University Society Chas. Evans. The Brown Print Shop. National Federation of Musical Clubs Frederick Loser & Co. John Wiley & Sons.	Burner	\$ 27
1009	do	J. F. Wilder	Hook worms. Labor and materials	10 216
1010	do	The Babcock & Wilcox Co	Labor and materials	216
1011	do	Champaign Seed Co	Seeds. Payment on contract	2
1012	do	F. R. Muller & Co., Contractors	Payment on contract Books Subscription Dues Brock Book Book Book Book Explosives Book Book Regulators	149 19
1013	do	Callaghan & Co	Books	19
1014	do	Current Literature Publishing Co	Subscription	23 15
1015	do	L. O. Howard, Secretary	Dues	ة ا
1016	do	The University Society	Encyclopedia	23
1017	do	Chas. Evans	Book	15
.1018	do	The Brown Print Shop	Books	3
.1019	do	National Federation of Musical Clubs	do	3
1020	do	Frederick Loser & Co	Book	21 21
1021	do	John Wiley & Sons	Explosives	] 3
1022	do	McGraw Hill Book Co	Book	]
1023	do	Western Kieley Steam Specialty Co	Regulators	21
.1024	do	R. D. Nutall Co	Coupling	[ [8
.1025	do	Machinists Supply Co	Materials	]
1026	do	R. L. Polk & Co	Directories	18
1027	do	Review Printing & Stationery Co	Directory	(
.1028	do	Pantagraph Printing & Stationery Co	Printing	118
.1029	do	J. Manz Engraving Co	Half-tones	1
1030	do	Henion & Hubbell	Sprayer	11
1031	do	C. F. Witt	Pads	18 118 119 119 120 120
1032	do	The Zenner Disinfectant Co	Zenoleum	12
1033	do	H. W. Miller	Multigraph equipment	250
1034	do	The University Press	Books printed	8
1035	do	J. H. Doyle	Hardware	60
1036	do	Clapp-Eastham Co	Apparatus	49
1037	do	Jennie C. Barlow	Services	30
1038	do	T. R. Isaacs	do	30
1039	do	Balanced Ration Feed Co	Hav	26- 40
1040	do	C. M. App & Son	Services	4
1041	do	A. H. Revell & Co	Furniture.	599
1042	do	Burke & James	Supplies	2
1043	do	Crane Co	Hardware	2
1044	do	Eschanbach Printing Co	Book	39
1045	do	P. S. Campbell	Blanks	39
1046	do	The Brookmire Economic Service	Services.	10
1047	do	C. C. Logan	Expenses	10
1048	do	L. K. Howse & Co.	Carrots	,
1049	do	The Taylor Hardware Co	Hardware	650
1050	do	C. H. Beasly & Co	do	· /
1051	do	Bausch & Lomb Optical Co	Laboratory apparatus	65
1052	do	Ernst Hertzberg & Sons.	Book binding	210
1053	do	Creamery Package Mfg. Co	Dairy supplies	270
1054	do	J. W. Nutler Paper Co	Paper, etc.	270
1055	do	Helendale Farms	Guernsevs	1, 15
1056	do	G. E. Stechert & Co	Books	1, 150 85 27 85
1057	do	A. O. Magnuson	Blue prints	27
1058	Jan. 18	V. Jobst & Sons, Contractors.	Payment on contract	85
1059	do	J. T. Shotwell	Honorarium	15
1060	do	A. W. Stoolman, Contractor.	Payment on contract	4,93
1061	Jan. 20	The Assiciation of American Universities	Assessments, 1913	4
1062	do	A. J. Todd	Expenses	34
1063	do	Imperial Cotto Milling Co	Bran	34
1064	do	Crescent Paper Co	Paper	
1065	do	J. L. Edmonds	Expenses	
1066	do	I. F. Burdick	do	1
1067	do	American Radiator Co	Flue	1
1068	do	Silica Syndicate	Apparatus	
1069	do	Earl Garver	Expenses	. 3
1070	do	F. A. Odernheimer, Contractor	Payment on contract	. 2
1071	do	Keasbey & Mattison Co	Paper	
1072	do	American Ever Ready Co	Counter	.]
1073	do	Jones & Laughlin Steel Co	Steel	.1
1074	do	Bertram Dobell	Books	.1
.1075	do	Advance Packing & Supply Co	Valves	3 2 8 27 9
1076	do	G. E. Stechert & Co	Books	27
.1077	do	A. C. McClurg & Co.	do	9
1078	do	The Collier Guardian Co	Subscription	25
1079	do	T. J. Burrill	Allowance	25
1080	do	R. B. Johnson	Repairing chairs	
1081	do	Buxton & Skinner	Stationery	
1082	do	McKey & Poague	Rental of quarters	50
1083	do	L. O. Howard, Secretary. The University Society. Chas. Evans. The Brown Print Shop. National Federation of Musical Clubs Frederick Loser & Co. John Wiley & Sons. McGraw Hill Book Co. Western Kieley Steam Specialty Co. R. D. Nutall Co. Machinists Supply Co. R. L. Polk & Co. Review Printing & Stationery Co. Pantagraph Printing & Stationery Co. J. Manz Engraving Co. Henion & Hubbell. C. F. Witt. The Zenner Disinfectant Co. H. W. Miller. The University Press. J. H. Doyle. Clapp-Eastham Co. Jennie C. Barlow T. R. Isaacs. Balanced Ration Feed Co. C. M. App & Son. A. H. Revell & Co. Burke & James. Crane Co. Eschanbach Printing Co. P. S. Campbell. The Brookmire Economic Service. C. L. Logan. L. K. Howse & Co. The Taylor Hardware Co. C. H. Beasly & Co. Bausch & Lomb Optical Co. Ernst Hertzberg & Sons. Creamery Package Mig. Co. J. W. Nutler Paper Co. Helendale Farms. G. E. Stechert & Co. A. O. Magnuson V. Jobst & Sons, Contractor. The Assiciation of American Universities A. J. Todd. Imperial Cotto Milling Co. Crescent Paper Co. J. Edmonds. L. F. Burdick. American Radiator Co. Silica Syndicate Earl Garver F. A. Odernheimer, Contractor. The Assiciation of Scener Co. American Ever Ready Co. Jones & Laughlin Steel Co. Bertram Dobell. Advance Packing & Supply Co. G. E. Stechert & Co. A. C. McClurg & Co. The Collier Guardian Co. T. J. Burrill. R. B. Johnson Buxton & Skinner McKey & Poague. Crerar Adams & Co. Moody's Magazine Frank Morgan. D. Appleton & Co.	Handles	2
1084	do	Moody's Magazine	Subscription	
1085	do	Frank Morgan	Expenses	2
		les	To alle	1

٠.	Date.	To whom.	For what	Amo
	1913.	Gustave Fock. Theodore Kundtz. Illinois Press Clipping Bureau. Flanigan-Pearson Co. H. W. Johns-Manville Co. The Burr Co. Bennett's Newspaper & Magazine Agency Powner's Book Store. H. F. Chester A. C. McClurg & Co. Mary E. Busey. The Alumni Association M. Poppelauer Louis Lamm J. Kauffmann Otto Harrassowitz. White Line Steam Laundry. A. J. Warren Brush Co. A. L. A. Publishing Board. Western Biological Supply Co. The Live Stock Journal Addressograph Co. Hughson Steam Specialty Co. Champaign & Urbana Water Co. Toledo Pipe Threading Machine Co. Parker-Russell Mining & Mfg. Co. H. W. Johns-Manville Co Thordarson Electric Mfg. Co. G. E. Warner. The Willis Music Co. John Skinner. Preston & Rounds Co.		
187	Jan. 20	Gustave Fock	Books	\$ 1,8
88	do	Theodore Kundtz	Chairs	1,8
เลก เกก	do	Floridan Passage Co	Printing	9
191	do	H W Johns-Manville Co	Conduit etc	2 6
92	do	The Burr Co	Supplies	í
93	do	Bennett's Newspaper & Magazine Agency	Subscriptons	î
94	do	Powner's Book Store	Books.	ĺ
95	do	H. F. Chester	Hauling, etc	
96	do	A. C. McClurg & Co	Books	
197	Jan. 21	Mary E. Busey	Expenses	2
198	do	The Alumni Association	Allowance	2
กก		Touris Tomm	DOOKS	
N1	uo	I Vanffmann	do	
02	do	Otto Harrassowitz	do	
03	do	White Line Steam Laundry	Washing	
04	do	A. J. Warren Brush Co	Brushes	
.05	do	A. L. A. Publishing Board	Work on reprint.	
.06	do	Western Biological Supply Co	Supplies	
107	do	The Live Stock Journal	Subscription	
108	do	Addressograph Co	Drawers	
109	do	Hughson Steam Specialty Co	Regulator	
10		Unampaign & Urbana Water Co	water permit	
ΠŢ	ao	Porker Puscell Minima & Mr. Co	Clay and brick	2
12	do	H W Johns-Manyilla Co	Supplies	2
114	do	Thorderson Electric Mfg. Co.	Induction coil	
15	do	G E Warner	Books	
116	.do	The Willis Music Co	Music, etc.	
117	do	John Skinner	Books	
118	do	Preston & Rounds Co	Book	
119	do	D. H. Newhall	do	1
120	do	The Rare Book Shop	do	
121	do	Otto Harrassowitz	Books	
122	do	Francis Edwards	do	
123	do	K. W. Hiersemann		
124		Coo Crocorr	do	
120 196	do	Edward Turnbull	do	
127	do	Robert Appleton Co	Encyclopedia	
128	do	Edw. J. Nolan, Treasurer	Book	
129	do	Pickering & Chatto.	Books	
130	do	Edith Welty	Expenses	
131	do	H. A. Hollister	do	
132	do	U. S. Reduction Co.	Metals	· 1
133	do	Pratt & Whitney Co	Milling cutter	
104	do	J. T. Ryerson & Son	Ermonges	
138 199	do	II M Fry & Son	Middlinge	
137	do	Crane Co	Metal supplies	1
138	do	The Alexander Lumber Co	Lumber	1
139	do	Twin City Roofing & Sheet Metal Works	Roofing	1
140	do	Thordarson Electric Mfg. Co. G. E. Warner. The Willis Music Co. John Skinner. Preston & Rounds Co. D. H. Newhall. The Rare Book Shop. Otto Harrassowitz. Francis Edwards. K. W. Hiersemann. Alphonse Picard & Fils. Geo. Gregory. Edward Turnbull. Robert Appleton Co. Edw. J. Nolan, Treasurer. Pickering & Chatto. Edith Welty. H. A. Hollister. U. S. Reduction Co. Pratt & Whitney Co. J. T. Ryerson & Son. J. B. Cook. J. M. Fry & Son. Crane Co. The Alexander Lumber Co. Twin City Roofing & Sheet Metal Works G. W. Sheldon & Co. S. E. Huff & Co. Central Electric Co. P. P. Dunn E. W. Smalley. J. H. Schwengel. Jas. Freeman G. Taylor. O. A. McInnes. John Weiss C. Allen. J. W. Butler Paper Co. R. Graham A. D. Sizer. J. C. Anderson. T. N. Ghere	Fees and charges	1
141	do	S. E. Huff & Co.	Lumber	1
142	do	Central Electric Co	Electrical supplies	i
143	do	P. P. Dunn	Milk	
144	on	L. W. SHISHEY	uo	1
140	do	Tag Freeman	do	1
147	do	G Taylor	do	
148	do	O. A. McInnes	do	1
149	do	John Weiss	do	ł
150	do	C. Allen	do	1
151	do	J. W. Butler Paper Co	Supplies	1
152	Jan. 22	R. Graham	Milk	
153	do	A. D. Sizer	do	
154	do	J. C. Anderson	00	
150 100	on	G M Sashar	uu	*
157	do	T E Hanay	do	
159 159	do	Van Carter	do	
150	do	C. C. Rayburn	do	
160	do	Z. C. Keene	do	
<u>161</u>	do	J. M. Stickrod	ldo	1
162	do	R. Graham A. D. Sizer J. C. Anderson T. N. Ghere G. M. Seeber J. E. Haney Van Carter C. C. Rayburn Z. C. Keene J. M. Stickrod J. A. R. Koch Wm. Case I. H. Gordon W. E. Yount	do	1
$16\bar{3}$	do	Wm, Case.	do	1
164	do	I. H. Gordon	do	
	of B	W. E. Yount	do	1

To.	Date.	To whom.	For what.	Amour
	1913.	W. H. Gray E. R. Hamm S. Atkinson Fred Thompson A. G. Guard J. B. Salliday M. Leigh I. W. Maxwell J. M. Herriott Wm. Foor M. Hudson T. P. Lyons J. E. Henderson C. C. Gordon L. P. Womacks H. I. Nelson A. R. Grindley A. J. Putscher D. W. Shiveley W. W. Meyer R. A. Lumsden C. F. Diefenbach C. F. Diefenbach C. F. Diefenbach C. F. Diefenbach C. F. Canady M. Cherry John McCullough David Wilkins George Herriott H. J. Moorehouse Andrew Shields W. F. Hamlet W. J. Wilson I. H. Besore W. J. Wilson F. W. Howell Pearl Hazen R. S. McInnes C. G. Van Holten S. Guinn		,
1166	Jan. 22	W. H. Gray	Milk	\$ 6 6 8 4
1167	do	E. R. Hamm	do	6
1160	do	S. Atkinson	do	8
1170 1170	do	A G Guard	do	3 10 4 11
1171	do	I. B. Salliday	do	10
$\overline{1172}$	do	M. Leigh	_do	4
1173	do	I. W. Maxwell	do	11
1174	do	J. M. Herriott	[do	9 5
1175	do	Wm. Foor	do	5
1170	ao	M. Hudson	00	7 8
1178	do	I E Henderson	do	12
1179	do	C. C. Gordon	do	10
1180	do	L. P. Womacks.	do	5 6 5
1181	do	H. I. Nelson	do	6
1182	do	A. R. Grindley	do	5
1183	do	A. J. Putscher.	do	8
1184	do	D. W. Shiveley	do	8
1100		P A Lumedon	uo	8 8 5 6
L100 1187	do	C F Diefenbach	do	1 2
1188	do	C. A. Fogel	.do.	5 9
1189	do	W. C. Welch	_do	7
190	do	E. R. Canady	do	7 17
1191	do	M. Cherry	do	5
1192	do	John McCullough	do	22 2 14
1193	dc	David Wilkins	do	1 14
1105	do	George Herriott	do	2
1196	do	Andrew Shields	do	13
1197	do	W. F. Hampton	_do	13
198	do	I. H. Besore	do	7 11
199	do	W. J. Wilson	do	11
1200	do	F. W. Howell	do	9
1201	do	Pearl Hazen	do	16
1202	do	R. S. McInnes	do	10
1203	do	C. G. Van Holten		10
1204	do	F H Rusey	do	5
1206	do	W. Davis	.do.	4
1207	do	L. F. Lindsey	do	9
1208	do	G. W. Van Meter	do	21
1209	do	Frank Knox	do	5 2
1210	do	J. M. Smith	do	8
1211	00	J. D. Marsh	do	2
1212	do	I F Hov	do	3
1214	do	C. J. Gillesnie	do	5 3 7 2
215	do	B. Jordan	do	2
1216	do	L. P. Rayburn	do	12
217	do	B. Grove	do	6
218	do	W. J. Wilson. F. W. Howell Pearl Hazen. R. S. McInnes. C. G. Van Holten. S. Guinn F. H. Busey. W. Davis. L. F. Lindsey. G. W. Van Meter. Frank Knox. J. M. Smith. J. B. Marsh. Cora Stacker. J. F. Hoy. C. J. Gillespie. B. Jordan. L. P. Rayburn B. Grove. Len Rayburn F. C. Kaufman Geo. Schiff. C. Ross. N. Hahn R. H. Brewer. H. Wascher S. Herriott R. T. Lumsden. T. F. Jordan. Sanitary Creamery Co. T. A. McCracken. H. J. Williams. R. C. Wagner & Son. The Journal of Biological Chemistry. The Powers Regulator Co. J. M. Lindgren. Alphons-Custodis Chimney Construction Co., Contractors. S. J. Buck H. V. Roberts. H. A. Haugan, Treasurer P. F. Mearry. J. M. Lindgren Mary B. Lindsay. Madison Bentley H. I. Carpenter.	do	4
219	do	F. U. Kaulman	00	16
220	uo	C Rose	do	12
222	do	N. Hahn	do	3
223	. do	R. H. Brewer	do	4
224	do	H. Wascher	}do	15
225	do	S. Herriott	do	1
226	do	R. T. Lumsden	do	1 6
227	do	T. F. Jordan	do	33
228	ao	Damuary Creamery CO	uo	6
1229 1229	uo	H I Williams	Evnances	8
1231	do	R. C. Wagner & Son	Coal and hauling	26
232	do	The Journal of Biological Chemistry	Subscription	13
1233	do	The Powers Regulator Co	Labor and material	26 13 12 6
1234	do	J. M. Lindgren	Analyses	6
L235	Jan. 23	Alphons-Custodis Chimney Construction		1
		Co., Contractors	Payment on contract	346
1236	do	S. J. Buck	Expenses	346 54 21
1207	Jan. 25	H A Hangan Traccurer	Office expenses	150
1220 1220	do	P F Meharry	Rent of horse	100
1249	do	J. M. Lindgren	Analyses	62
1241	do	Mary B. Lindsay.	Expenses	16
	1 3.	Madison Rentley	Furniture	13
1242	ao			

о.	Date.	To whom.	For what.	Amou
	1913.	C. J. Kern. W. G. Eckhardt. A. A. Armstrong. C. C. Pervier. E. R. Barker. Cora Gray. H. W. Mumford. W. H. Calliher. C. C. Chapman. Cornelius Stocker. A. S. Ambrose. D. M. Sims, Contractor. Jay Garrett. E. E. Hoskins. W. F. Handschin. W. J. Allen Mig. Co. George A. Ogle & Co. E. P. Hall. Minni S. Granger. Mary Snow. J. K. Kincaid. H. J. Sconce. L. J. Towne. Mittendorf & Kiler. C. C. Chapman. Bestram Dobell		
1244	Jan. 25	C. J. Kern	Services	\$ 40
1245	do	W. G. Eckhardt	Lecture	15
246	do	A. A. Armstrong	Services Lecture	10
247	qo	C. C. Pervier	Lecture	18 28
1248	αο	E. R. Barker	do	2
1249 1250	do	Cora Gray	Bill paid	]
1250	ao	H. W. Mumiord	Expenses	60
251 252	ao	W. H. Calliner	do	60
253	qo	C. C. Chapman	dodo	_ ]
253	αο	Cornellus Stocker	od	10
254	go	A. S. Ambrose	Payment on contract	105
255	ao	D. M. Sims, Contractor	Payment on contract	102
$\frac{256}{257}$		Jay Garrett	ExpensesdodoHose, etc	42
257	ao	E. E. Hoskins	do	76
258	ao	W. F. Handschin	do	196
259	do	W. D. Allen Mig. Co.	Hose, etc	196
260	Jan. 28	George A. Ogle & Co	Atlas. Lecture Expenses.	18
261	do	E. P. Hall	Lecture	18 11
262	do	Minni S. Granger	Expenses	1
263	do	Mary Snow	do	(
264	do	J. K. Kincaid	do. Services.	60 50
265	do	H. J. Sconce	do	50
266	do	L. J. Towne	Expenses	
267	do	Mittendorf & Kiler.	do	14
268	do	C. C. Chapman Bertram Dobell	Expenses Books	
269	do	Bertram Dobell	Books	
270	do	Luzac & Co	do	20
$\frac{271}{272}$	do	C. C. Chapman Bertram Dobell Luzac & Co. O. W. Hoit E. F. Burch H. A. Hollister Paul Gottschalk J. W. Amrine A. R. Stechle L. P. McMillen Mrs. George Spates J. W. Keener A. E. Barnes Mrs. W. M. Stanley Chas. Foss Joseph Meyers C. D. Bartlett Bessie Dye Mrs. G. W. Dugger Sanitary Creamery Co F. J. Weddige. J. R. Newberry J. P. Jones C. E. Mortensen L. H. Knigge M. F. Simonson	Expenses	22 377 33 188 322
272	do	E. F. Burch	1do	";
273	do	H. A. Hollister	do.	. 3
274	do	Paul Gottschalk	Books	18
275	do	J. W. Amrine	Hav	320
276	Jan 29	A. R. Stechle	Butter	, v-:
277	do	L. P. McMillen	do	1
278	do	Mrs George Spates	do	
279	do	I W Keener	do	1
280	do	A E Barnes	do	
281	do	Mrs W M Stanley	do	1
282	do	Chas Foss	do	
283	do	Togonh Morrorg	do	
284		C D Partlett	do	
285	uo	Desgie Dye		
286		Mas C W December		
287	uo	Conitony Charmen C-	00	
288	do	B T Woddies		
298		T. D. Meddige	ao	
298 290		J. R. Newberry		· ;
290 291	do	J. P. Jones	ao	
200	do	C. E. Mortensen	do	
292	do	L. H. Knigge	do	
293	ao	M. E. Simonson	do	
494	ao	оаш стітт	ao	- 3
292	ao	U. F. Jacobson	do	
96	ao	r. J. reterson	ao	
597	do	H. M. Krog.	ao	
498	do	rnii waiters	ao	
299	do	G. J. Deardorf	do	
00	do	O. S. Coffin	do	
01	do	Unas, Fildes	do	1
02	do	L. L. Williams	do	2
03	do	Wm. Englebrecht	do	(
04	do	G. N. Bost	do	
105	do	C. W. Swatck	do	]
306	do	Green River Creamery Co	do	6 5 7
307	do	Geo. Cutler	do	5
1808	do	Yen Stovring	do	4
309l	do	Ferdinand Grimm.	do	5
310	do	W. F. Conway	do	5
311i	do	A. H. Wilcox	do	Ē
312	do	Galesburg Creamery & Butter Co	_do	ì
313	do	R. J. Collier	do	ē
314	do.	Wm. Bramstedt	do	4
315	do	G. W. Hoppenstedt	do	ē
316	do	N Muller	do	, ,
317	do	J. P. Jones C. E. Mortensen L. H. Knigge M. E. Simonson Sam Grimm C. P. Jacobson P. J. Peterson H. M. Krog Phil Walters G. J. Deardorf O. S. Coffin Chas, Fildes L. L. Williams Wm. Englebrecht G. N. Bost C. W. Swatck Green River Creamery Co Geo. Cutler Yen Stovring Ferdinand Grimm W. F. Conway A. H. Wilcox Galesburg Creamery & Butter Co. R. J. Collier Wm. Bramstedt G. W. Hoppenstedt N. Muller Lois Johnson Illinois State Dairymen's Assn Narragansett Machine Co. C. H. Miller D. M. Riff C. D. Ettinger	do	Š
310	do	Illinois State Deiryments Assn	Entry foos	30
310		Norraganeatt Machine Co	Lockers and appearates	627
OTA	uo	C TT Millor	Locates and apparatus	66
		U. 11. MIIIIU	manuratury supplies	- 00
320		D M Diff	Toom	150

).	Date.	Tor whom.	For what.	Amou
	1913.	Tor whom.  Fannie Brooks. C. N. Marthens Marble Co. W. D. Gates. A. W. Gates. A. W. Gates. J. W. Stipes. Underwood Typewriter Co. Willett & Gray G. W. Sheldon & Co. G. E. Stechert & Co. Ralph Hilscher C. J. Welch. The Frederick Post Co. University Club. The U. & C. Railway Gas & Electric Co. The U. of J. Supply Store. A. C. McClurg & Co. G. E. Stechert & Co. Reliable Plumbing & Heating Co. G. E. Stechert & Co. Reliable Plumbing & Heating Co. J. J. Rinard. W. D. Gibbs. J. W. Dunlap, Contractor J. J. Rinard. Theodore Frison Lloyd Monical. J. M. Lindgren. B. F. Workman. Ernst Leitz. Chicago Fire Proof Storeage Warehouse. American Florist Co. The J. B. Ford Co. Champaign Steam Laundry. Foote Mineral Co. Champaign Steam Laundry. Froote Mineral Co. Champaign Steam Laundry. Froote Mineral Co. Champaign Gas & Electric Supply Co. The National Federation of Musical Clubs Yawman & Erbe Mig. Co. Louden Machinery Co. L. T. Brownfield. The Miller Harness Co. D. S. Lake. McIntosh Stereopticon Co. The National X-Ray Reflector Co. R. F. Hildebrand. Orbin Cabinet Lock Co. D. U. Augspurger & Sons Co. American LaFrance Fire Engine Co. Bryan-Marsh Electric Works. James H. Rice Co. Illinios Electrica Mig. Co. Jewell Belting Co. Twin City Electric Co. Western Lieley Steam Specialty Co. The National Steam Pump Co. Callaghan & Co		
323	Jan. 29	Fannie Brooks	Chickens	\$ 70
324	do	C. N. Marthens Marble Co	Labor	71
325	do	W. D. Gates	Traveling expenses	8
326	do	A. W. Gates	do	8
327	do	E. W. Walker & Sons	Team	487 184 71
328	do	J. W. Stipes	Relaying pavement	184
329	do	Underwood Typewriter Co	Machines	71
330	do	Willett & Gray	Subscription	5
331	do	G. W. Sheldon & Co	Fees and charges	15 342 40
332	do	G. E. Stechert & Co	Books	342
333	do	Ralph Hilscher	Traveling expenses	40
334	do	С. J. Welch	Concrete work	27
335	do	The Frederick Post Co	Supplies	61
336	do	University Club	Entertaining	6
337	do	The U. & C. Railway Gas & Electric Co.	Labor and material	199
338	do	The U. of I. Supply Store	Stationery, etc	199
339	do	A. C. McClurg & Co	Books	466 328 183
340	do	G. E. Stechert & Co	_do	328
341	do	Reliable Plumbing & Heating Co	Supplies	182
342	do	E. L. Shuman	Services and expenses	55
343	do	W D Gibbs	Services	25
344	do	I W Dunlan Contractor	Final payment on contract	89
345	- do	J. J. Rinard	Rent	130
346	do	Theodore Frison	Specimens	25 82 130 130 55 22
347	do	Lloyd Monical	Corn	5
349	do	T M Tindgran	Analyzas	00
340	do	R F Workman	Rantal	1 7
350	Ton 20	Tungt Loits	Erronicae	1 4
251	do ou	Chicago Fine Droof Storeogo Worshouse	Ctorogo	i
253		Amendago Fire Frooi Storeage Warehouse .	Gubaguin tian	] }
252	do	Mhe T D Beed Co	Subscription	2
9679 967		The J. B. Ford Co	Cleanser	26
004 055		Champaign Steam Laundry	Laundry work	18
000 050	ao	Foote Mineral Co	Aspestos nper	
000	ao	Asa L. Shipman's Sons	Binders	24 25 21 11
307	do	The Fitch Dustdown Co	Mops	2
308	do	P. Adams, Contractor	Hauling	2
309	do	Wm. G. Johnston & Co	Paper files	
360	do	P. S. Campbell	Printing	1:
361	do	Western Carbon & Ribbon Co	Ribbons	39
362	do	F. W. Woolworth & Co	Pans	
363	do	Champaign Gas & Electric Supply Co	Lamp	
364	do	The National Federation of Musical Clubs	Books	:
365	do	Yawman & Erbe Mfg. Co	Cards	39
366	do	Louden Machinery Co	Fixtures	
367	do	L. T. Brownfield	Belt, etc	34
368	do	The Miller Harness Co	Halters, etc	1
369	do	D. S. Lake	Apple seedlings	2
370	do	McIntosh Stereopticon Co	Carbons	1
371	do	The Storrs & Harrison Co	Rose stock	
372	do	Leasures China Shop	Chinaware	1: 20 1: 1: 1: 5:
373	do	Charles Mollett	Labor and material	! !
374	do	National X-Ray Reflector Co	Supplies	5
375	do	R. F. Hildebrand	Lantern slides	1
376	do	20th Century Press Clipping Bureau	Clippings	1 :
377	do	Corbin Cabinet Lock Co	Key blanks	1 :
378	do	D. U. Augspurger & Sons Co	Seedlings	3322
379	do	American LaFrance Fire Engine Co	Gaskets, etc	'
380	do	Bryan-Marsh Electric Works	Lamps.	3
381	do	James H. Rice Co	Glass	3
382	do	Illinois Electrical Mfg. Co	Repairing armature	2
383	do	Jewell Belting Co.	Plunger	ī
384	do	Twin City Electric Co.	Cord	-
385	do	Western Lieley Steam Specialty Co	Valves	3
386	do	J. C. Thomas	Check.	1.
387	do	Blake Specialty Co	Water trans	2
388	do	Federal Sign System	Lights.	1 1
389	do	The R. W. McCready Cork Co	Corks	1 7
390	do	Jahn & Ollier Engraving Co	Halftones	1
391	do	American Steam Pump Co	Piston rod	3
300	do	Callaghan & Co	Books	1 10
302	do	T H Flood & Co	do	7
304	do	Lawware Connerative Dublishing Co	Reports	7
301	uo	Transfer Contention Language Co	Rook	1
304 304	do	Allia Chalmara Co	Stomp hottory	63
20°	Jdo	Name congett Machine Co	Toolsets	00
200		W. D. Drodler & Co.	Too groom	5
აყბ	ao	W. K. Bradley & CO	Meta harras	
395	Jao	rederal Steel Fixture Co	TOLE DOXES	13 13
400	ηαο	Derauek on co	Waste	1.
		III A Abrome	1891arv. Januarv. 1913	133

.	Date.	To whom.	For what.
	1913.		
2 J	Jan. 31	C. C. Adams. R. M. Alden. W. C. Allee C. H. Allen C. W. Alvord L. F. Anderson S. C. Andros. June M. Ashley. Ruth S. Atwell G. D. Bagley W. C. Bagley W. C. Bagley W. G. Bagley Margaret L. Bailey W. H. Bair I. O. Baker R. E. Baker E. C. Baldwin C. W. Balke Brunson Barlow Panzy Barger J. T. Barrett H. H. Bartells P. S. Barto H. J. Barton Edward Barlow S. J. Bates P. J. Batkin W. S. Bayley G. D. Beal J. H. Beard J. H. Beeck J. E. Bell B. W. Benedict	Salary, January, 1913
3 .	do	R. M. Alden	do
4 -	do	W. C. Allee	do
)5 .	do	C. H. Allen	do
9-	do	U. W. Alvord	do
١.	ao	C Andrea	do
3 -		June M. Achler	do
<u>.</u> ا	do	Ruth S Atwall	do
ij٠		G D Raglay	Scholarshin January 1013
; •	do	W C Bogley	Solary January 1013
:11	do	Margarat I. Railay	Fellowship January 1913
íl-	do	W H. Roir	Salary Tannary 1913
. -	do	T. O. Baker	do
:	do	R. E. Baker	do
٦,	do	E. C. Baldwin	do
٠l٠	do	C W Balke	do
1	do	Brunson Barlow	do
1-	do	Panzy Barger	do
1	do	J. T. Barrett	do
٦	do	H. H. Bartells	do
ľ	.do	P. S. Barto.	do
. -	.do	H. J. Barton	do
از	.do.	Edward Bartow	ldo
ľ	.do	S. J. Bates	do
1	.do	P. J. Batkin	do
Ľ	.do	W. S. Bayley	do
Ľ	.do	G. D. Beal.	do
ĺ.	.do	J. H. Beard	do
Ĺ	do	J. B. Beck	do
	.do	J. E. Bell B. W. Benedict Madison Bentley	do
	.do	B. W. Benedict.	do
	do	E. J. Berg.	do
	do	Madison Bentley E. J. Berg Daisy L. Blaisdell D. S. Blondheim Leonard Bloomfield B. H. Bode E. L. Bogart C. F. Boomsliter Ethel Bond C V Bayer	do
	do	D. S. Blondheim	do
	do	Leonard Bloomfield	do
	do	B. H. Bode	do
	do	E. L. Bogart	do
	do	C. F. Boomsliter	do
	do	Ethel Bond	do
	do	C. V. Boyer	do
	do	R. L. Borger	do
١.	do	R. O. Brigham	do
•	do	Alice D. Brooks	do
•	do	Morgan Brooks	do
•	do	N. C. Brooks	00
•	do	Verna Brooks	00
١-	ao	Elizabeth P. Brush	
•	qo	J. M. Bryant	
٠	do	W. A. Buchen	
•	o	Ethel Bond C. V. Boyer R. L. Borger R. O. Brigham Alice D. Brooks Morgan Brooks N. C. Brooks Verna Brooks L. Borger Blizabeth P. Brush J. M. Bryant W. A. Buchen A. M. Buchen A. M. Buck S. J. Buck S. J. Buck V. E. Burge L. V. Burton H. V. Canter A. P. Carman D. H. Carnahan F. W. Cargenter C. E. Carscallen H. Y. Carson Roy Carter B. W. Chittenden A. H. Clark C. R. Clark K. A. Clark K. A. Clark T. A. Clorfman	do
•		D. J. DUCK	do
•	oo	W. E. Burge	do
•	ao	L. v. Burton	do
•		D. U. Murton	do.
	.uo	A. D. Common	do
•	.ao	D. T. Carmehan	do
•	.u0	E W Comporter	do
•	.u0	C T Corporation	do
٠	.uo	U V Corpor	do
•	.uo	Pox.Cortor	do
•	-u0	T W Chittenden	do
٠	do	A H Clark	do
	.uo	C R Clark	do
	.uo	K A Clark	do
	-u0	T A Clark	do
,	do	L D Coffman	_do
•	do	Alayandar Cohn	do
•	do	A C Cola	do
•	.u0	K. A. Clark T. A. Clark L. D. Coffman Alexander Cohn A. C. Cole. Vida L. Collins N. W. Colson A. F. Comstock H. P. Corson F. K. Cowley Jennie A. Craig A. R. Crathorne H. L. Creek	do
١.	.00	N. W. Colgon	do
	.uo	A E Comptools	do
•	.uo	H. D. Corgon	do
•	.u0	E. V. Corrier	do
•	.qo	Innia A Crain	do
	.ao	A. D. Chathamas	do

0.	Date.	B. H. Crowder W. E. Cummins. Florence R. Curtis A. H. Daniels Juanita R. Darrah R. E. Davis. E. S. Davis. E. S. Davis. J. Decker J. A. Dent. W. W. Denton C. G. Derick E. R. Dewsnup J. K. Ditchey W. F. Dodd D. K. Dodge G. W. Dowrie F. K. W. Drury F. O. Dufour J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn R. A. Dutcher H. H. Dunn R. A. Dutcher H. S. Eames E. T. Ebersoll W. C. Eels B. L. Eicher W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger E. W. Engle N. E. Ensign J. A. Fairlie R. N. Fargo S. P. Farwell E. C. Faust Mary E. Fawcett Winifred Fehrenkamp Emma Felsenthal H. F. Ferguson E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. F. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. F. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford J. A. Frisk Edward Fulton J. W. Garner N. B. Garver E. N. Gadhercoal Rosa-Lee Gaut H. L. Gene T. H. Gooden H. G. Goodwin W. F. M. Goosa P. S. Goulding F. M. Goodman T. G. Goodwin W. F. M. Goosa P. S. Goulding Bessie R. Green E. H. Guild J. E. Cutberlet Alta Gwinn	For what.	Ámou
	1913.			
481	Jan. 31	B. H. Crowder	Salary, January, 1913	\$ 15 110 300 100
182	do	W. E. Cummins	do	15
83	do	Florence R. Curtis	do	110
184	do	A. H. Daniels	do	300
85	do	Juanita R. Darrah	do	10
86	do	R. E. Davis	do	100
87	do	E. S. Davisson	do	208 208 250 150 120 141
188	do	[W. B. Day	do	208
189	do	E. H. Decker	do	250
190	do	J. A. Dent	do	150
191	do	W. W. Denton	do	120
92	do	C. G. Derick	do	141
193	do	E. R. Dewsnup	do	250
194	do	J. K. Ditchey	do	80 166 250
195	do	W. F. Dodd	do	166
196	do	D. K. Dodge	do	250
597	do	G. W. Dowrie	do	90
198	do	F. K. W. Drurv	do	166 166 229 90 10
199	do	F. O. Dufour	do	166
500	do	J. C. Duncan	do	229
501	do	J. M. Duncan	do	90
502	do	R. S. Dunham	. do	10
กร		Fannia Dunlan	do	5.6
504	do	H H Dunn	do	l ăi
505	do	R A Dutcher	do	60
SOF	do	H S Eames	do	91 60 <b>13</b> 0
100	uo	E T Ehergoll	do	30
100	do	W C Fold	Followship Farmary 1012	50
100		D T Fisher	Solory Tonyory 1012	50 100 60 150
110		W E El-blow	da d	100
110		Traderial Ellis		150
511	do	Frederick Ellis	go	10
212	ao	Arnoid Emch		100
513	do	M. L. Enger	do	166 166 30
514	do	E. W. Engle	do	30
515	do	N. E. Ensign	do	120 250 50 140
516	do	J. A. Fairlie	do	250
517	do	R. N. Fargo	do	50
518	do	S. P. Farwell	do	140
519	do	E. C. Faust	do	6
520	do	Mary E. Fawcett	do	16
521	do	Winifred Fehrenkamp	. do	16 16
522	do	Emma Felsenthal	do	6
523	do	H. F. Ferguson	. do	6
524	do	E. E. Fiero	do	4
525	do	E. J. Filbey	do	16
526	do	I. W. Fisk	do	120 208
527	do	J. D. Fitz Gerald II	dò	20
528	do	E. B. Flanigan	do	8
529	do	F. L. Fleener	do	4
530	do	V. R. Fleming	do	12
531	do	C. H. Fletcher	. do	80 40 12 1, 200
$5\bar{3}\bar{2}$	do	G. T. Flom	. do	20
533	do	J. W. Folsom	do	16
534	do.	S. A. Forbes	do	16 4 25
535	do	G. S. Ford	.do	25
526	ldo	J. A. Frisk	do	9 • 17 25 15
527	do	Edward Fulton	do	• 17
529 529	do	I W Garner	do	95
530 520	do	N B Garver	do	15
540 540	do	E N Gatherenal	do	10
541 140	do	Pose-Lee Court	do	100
240 UZI	uo	TI T. Cill	do	20
540	do	C F Gillett	do	20
043	ao	Track Classors	- uo	3
244	ao	Hugh Glasgow		1 6
245	ao	L. A. Glena		1
<b>94</b> 6	μαο	H. F. GOORE		1 12
047	ιαο	Junus Goedel		27
548	ao	H. F. Gonnerman	. ao	12
549	do	G. A. Goodenough	. ao	25
550	do	F. M. Goodman	. do	10 3 20 3 6 1 12 27 12 25 10 9
551	do	T. G. Goodwin.	. ao	. 9
552	do	W.F.M. Goss	. do	50
553	do	P. S. Goulding	. do	13
.554	do	Bessie R. Green	. do	.  6
555	do	Frederick Green	. do	29
556	do	E. B. Greene	. do	18
r i i	do	T. H. Guild	. do	13 6 29 18 12 6 8
.DD /		les en où in a i	11 4.	1 6
558 558	do	J. E. Cutberlet	.   0.0	

lo.	Date.	To whom.	For what.	Amour
	1913.	G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale R. G. Hall L. G. Hana Paul Hansen Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. H. Hewes F. E. Hill Ralph Hilscher M. E. Hinds Wilhelm Hrishkind Jacob Hodnefield M. A. Hollister E. E. Hollman B. R. Honovski B. S. Hopkins J. W. Hornbeak C. G. Hottes H. A. Houston J. E. Huber H. L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James C. G. Hottes L. V. James C. C. E. Janvin Alice Johnson McElroy Johnston H. S. V. Jones Isabel Jones La V. Jones Isabel Jon		
1560	Jan. 31	G. C. Habermeyer	Salary, January, 1913	\$ 141
1561	do	H. F. Hadley	Fellowship, January, 1913	50
1562	do	Stella M. Hague	Salary, January, 1913	80
1563	do	H. G. Hake	do	120
1564	do	W. G. Hale	do	250
1555	do	B G Hall	do	30
1566	do	L G Hana	do	170 250 90
1567		Poul Hongan	do	250
1500		Code Herberger	do	200
1500		A A Transing		150
1909	qo	A. A. Harding		150
1570	do	O. A. Harker	do	333 233
1571	ao	E. C. Hayes	do	233
1572	do	C. M. Hebbert	do	60
1573	do	G. W. Heitkamp	do	40
1574	do	F. E. Held	do	40 50
1575	do	W.S Hendrix	do	85
1576	do	Margaret Herdman	do	75
1577	.do	R. W Hess	do	30
1572	do	C. H. Hewes	do	50
1570	do	F E Hill	do	40
1200		Dalph Hilcohar	do	100
1500	uu	M T Hinda	do	100 60 80 100
1981	qo	M. E. HIIOS		00
1582	do	w uneim Husuking	qo	180
1583	ao	Jacob Hoduelleid		100
1584	do	M. A. Hollinshead	ao	40 229
1585	do	H. A. Hollister	do	229
1586	do	E. E. Hollman	do	60
1587	do	B. R. Honovski	do	60 120
1588	do	B. S. Hopkins	do	120
1580	do	I W Hornbeak	do	100
1500	do	C G Hottes	do	208
1501	do	U A Houston	Followship Tonuany 1012	500
1091		T T Trubon	Cob clarebin Tonuary, 1019	50 25
1592	do	J. E. Huber	Scholarship, January, 1915	25 50 250 100 75 1,000 130 37
1593	ao	H. 1. Huennk	Salary, January, 1915	50
1594	do	G. A. Huff	do	250
1595	do	R. K. Hursh	[do	100
1596	do	Margaret Hutchins	do	75
1597	do	Edmund J. James	do	1,000
1598	do	L. V. James	do	130
1599	do	C. E. Janvrin	do	37
1600	do	Alice Johnson	do	70
1601	ob	McElroy Johnston	do	170
1602	do	H. S. V. Jones	do	70 170 150 110
1602	do	Teahal Tones	0.0	110
1604	40	T. T Topog	do	85 90 160 140
1605	do	Dolph Tongs	do	1 00
1000		D O Tomos	do	160
1000		П. С. ЈОЦЕЅ		140
1007	qo	R. T. Jones		140
1608	ao	H. H. Jordan	ao	100
1008	do	1. C. Jorgan	do	100
1610	do	Emma K. Jutton	qo	140 100 100 100 60 100 130 140 80 130
1611	do	J. B. Kaiser	do	100
1612	do	Oliver Kamm	do	60
1613	do	Eleanor G. Karsten	do	100
1614	do	C. F. Kelley	do	130
1615	do	J. E. Kellog	do	140
1616	• do	Ruth Kelso	do	180
1617	do	A. J. Kempner	l do	130
1610		R E Kennedy	do	110
1810	do	Ernet Kocelor	do	60
FOTA		V A Lotaham	do	150 150
1020	uo	Anthun Ziennen		190
LOZI	do	A TT Trimball		100
1022	ao	A. H. KIMDAII		140
1023	do	S. F. Kimbali	do	120
L624	do	Margaret L. Kingsbury	do	75
1625	do	David Kinley	do	500
1626	do	Florence M. Kirkup	do	100
1627	do	C. T. Knióp	1do	140 120 75 500 100 208
1628	do	J. F. Kohout	ldo	10
1620	do.	A. H. Koller	ldo	100
1630	do	A P Kratz	l do	100
1691	uv	T V Vrota	Scholarchin Tonson 1019	100
1001	qo	A C Trans	Colorarship, January, 1915	1 20
1025	ao	А. О. КГӨУ	paiary, January, 1913	140
T033	do	Jakob Kunz	ao	208
1634	do	Martha J. Kyle	do	120
1635	do	E. J. Lake	do	150
1636	do	Isabel Jones Ls. V. Jones Isabel Jones L. T. Jones Ralph Jones R. C. Jones R. C. Jones R. T. Jones R. T. Jones H. H. Jordan J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. E. Kelley J. E. Kelley J. E. Kelley J. E. Kennedy Ernst Kessler V. A. Letcham Arthur Kiernan A. H. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley C. T. Knipp J. F. Kohout A. H. Koller A. P. Kratz E. V. Kratz A. C. Krey Jakob Kunz Martha J. Kyle E. J. Lake Marion C. Landee W. F. Langelier E. T. Lanham	do	100 100 100 25 140 208 120 150
1627	do	W. F. Langelier	do	100 105

lo.	Date.	To whom.	For what.	Amou
	1913.	L. M. Larsan. H. H. Lauer. T. M. Laying Eugene Lesile. O. E. Lessing O. A. Leutweiler. I. H. Lillehei. F. C. Lincoln. R. H. Linkins. C. M. Linsley Simon Litman F. C. Loring. C. A. Ludwig. H. T. Lundquist. E. B. Lytle. Ellen McCarthy. Lois D. McCobb. A. B. McDaniel. Rudolph McDermet. D. F. McParland. C. G. McArthur. Wallace MacFarlane. A. D. MacGillivray. D. A. MacGillivray. D. A. MacGillivray. D. A. MacInnis. C. W. Malcolm. G. A. Maney. E. J. Manley F. M. Mann. F. W. Marquis. O. R. Martin. M. S. Mason. J. M. Mathews G. H. Meyer. E. B. Millard. F. H. Miller H. W. Miller H. W. Miller H. W. Miller H. W. Miller W. S. Miller C. H. Mills Brainerd Mitchell, Jr Margaret Mitchell, F. W. Moore. E. W. Mosher C. M. Moss. Gertrude Moulton C. F. Nelson. W. S. Nelson Allan Nevins C. R. Newell G. E. Noerenberg. W. A. Noyes. Cartherine Oaks.		
1639	Jan. 31	L. M. Larsan	Salary, January, 1913	\$216 150
1640	do	H. H. Lauer	do	150
1641	do	T. M. Laying		30
1642 1643	do	O F Lesing	do	233
1644	do	O. A. Leutweiler	do	233 200 90 166
1645	do	I. H. Lillehei	do	90
1646	do	F. C. Lincoln.	do	166
1647	do	R. H. Linkins	do	30
1648	do	C. M. Linsley	do	21 183 120 30 50 133 120
1649	do	Simon Litman	do	186
1050	do	C A Ludwig	00	120
1659 1659	do	H T Lundquiet	do	50
1653	do	E B Lytle	do	133
1654	do	Ellen McCarthy	do	120
1655	do	Lois D. McCobb	do	90
1656	do	A. B. McDaniel	do	208
1657	do	Rudolph McDermet	Fellowship, January, 1913	50
1658	do	D. F. McParland	Salary, January, 1913	150
1659	do	C. G. McArthur	do	150
1661 1000	ao	wanace macrariane	Solory Topyory 1019	120 90 208 50 150 150
1660 1001	do	D A MacInnia	do	208 120 150
1663	do	C W Moleolm	do	150
1664	do	G. A. Maney	Fellowship, January, 1913	50
1665	do	E. J. Manley	Salary, January, 1913	77
1666	do	F. M. Mann	do	333
1667	do	F. W. Marquis	do	150
1668	do	O. R. Martin	do	110
1669	do	M. S. Mason	Fellowship, January, 1913	333 150 110 50 133 208
1670	do	J. M. Mathews	Salary, January, 1913	136
1671	do	F P Millard		60
1072	do	F U Millard	do	111
1674	do	G A Miller	do	110 250 150
1675	do	H. W. Miller	do	150
1676	do	R. N. Miller	do	3
1677	do	W. S. Miller	do	38 128 208 130
1678	do	C. H. Mills	do	208
1679	do	Brainerd Mitchell, Jr	. do	136
1680	do	Margaret Mitchell		
1660 1091	do	H C Moore	do	90
1683	do	R. F. Moore	do	208
1684	do	O. H. Moore.	do	208 110
1685	do	Ruby Moore	do	20
1686	do	E. W. Morphy	do	20 120
1687	do	B. C. Morse	do	48
1688	do	W. E. Mosher	do	50
1689	do	C. M. MOSS		250
601	do	C F Nelson	do	100
602		W S Nalson	do	30
693	do	Allan Nevins	do	48 50 250 166 100 30
1694	do	C. R. Newell	do	85
695	do	G. E. Noerenberg.	do	140 333
.696	do	W. A. Noyes	do	333
697	do	W. S. Nelson Allan Nevins C. R. Newell G. E. Noerenberg W. A. Noyes Catherine Oaks W. A. Oldfather H. L. Olin T. E. Oliver A. W. Owens E. B. Paine L. G. Painter Rosalie M. Parr S. W. Parr Adah Patton H. G. Paul A. S. Pease J. C. Pendleton Alvah Peterson G. W. Pickels J. N. Pomeroy C. M. Poor F. M. Porter R. G. Potter R. G. Potter Anton Prasil A. L. Prickett	do	65 229
698	do	W. A. Oldfather	do	229
700	do	M. E. Olivon	00	50 208
700	uo	A W Owene	-do	208
702	uo	E R Paina	do	200
703	do	L. G. Painter	_do	120
704	do	Rosalie M. Parr	do	208 208 120 80 291
705	do	S. W. Parr	do	291
706	do	Adah Patton	do	83 166 208
707	do	H. G. Paul	do	166
708	do	A. S. Pease.	do	208
709	do	J. U. Pendleton	0.00	85
710	do	AIVAN Peterson	00	100
710		T N Pomerov	do	85 60 130 183
712	do	C. M. Poor	.do	130
714	do.	F. M. Porter	do.	130
715	do	R. G. Potter	do	130 130 50 10 43
716	do	Anton Prasil	do	10
-1-1	a .	A. I. Priokott	do	43

۸o.	Date.	To whom.	For what.	Amou
	1913.	D. C. Prince. B. F. Radcliffe G. H. Radenbaugh Otto Rahn. O. A. Randolph. W. H. Rayner J. W. Read P. J. Rebman E. J. Reece. F. W. Reed P. F. Reiff E. A. Rich J. L. Rich C. R. Richards N. C. Ricker		
1718	Jan. 31	D. C. Prince	Scholarship, January, 1913	\$ 25
1719 1720 1721	do	G H Padanhaugh	Salary, January, 1913	80
1720		Otto Pohn	do	90 166
1722	do	O A Randolph	do	80 110 50 80 150
723	do	W. H. Rayner	-do	110
1723 $1724$	do	J. W. Read	do	50
1725	do	P. J. Rebman	do	80
726	do	E. J. Reece	do	150
1727 1728	do	F. W. Reed	do	140 50
1728	do	P. F. Reiff	do	50
1729	do	E. A. Rich	do	40
730 731	do	J. L. Rich	do	150 333
731	do	C. R. Richards	do	333
$\frac{732}{733}$	do	N. C. Ricker	do	291
794	00	W C Deberteen	do	150 166
725	do	M H Debinson	do	250
736	do	C W Polfo	do	250 250
737	· do	S A Rowland	do	60
738	do	H O Rugg	do	120
739	do	George Rutledge	_do	60 120 60
740	do	L. R. Sarett	-do	80
741	do	T. E. Savage	do	80 166
742	do	Olive F. Saxton	do	83
743	do	S. H. Scherlee	do	30
744	do	E. C. Schmidt	do	291
745	do	N. C. Ricker H. L. Reitz W. S. Robertson M. H. Robinson C. W. Rolfe S. A. Rowland H. O. Rugg George Rutledge L. R. Sarett T. E. Savage Olive F. Saxton S. H. Scherlee E. C. Schmidt H. F. Schneider Clarence School W. S. Schulz	do	30
746	do.,	Clarence School	do	10
747	do	W. S. Schulz	. do	166
748	do	G. F. Schwartz	do	158 183 120
749	do	F. W. Scott	do	183
750	do	D. L. Scroggin	Salary, January, 1913.	60
751	00	To D. Coolor	balary, January, 1915	140
752		P. D. Deeley	Scholarship, January, 1913	140 25
753 754	uo	N. C. Saidenbarg	Solory Tonnory 1012	15
755	do	A D Saymour	do	166
756	do	I B Shaw	do	187
757	do	Queen L. Sheperd	do	187 80
757 758	do	S. P. Sherman	do	1 266
759	do	G. A. Shook	do	100
760	do	H. F. Schneider Clarence School W. S. Schulz G. F. Schwartz F. W. Scott D. L. Scroggin G. W. Sears F. B. Seeley R. S. Seese N. C. Seidenberg A. R. Seymour J. B. Shaw J. B. Shaw J. B. Shaw J. Shaw G. S. P. Sherman G. A. Shook C. W. Sievert Siebelt L. Simmering Frances Simpson G. E. Simpson G. E. Simpson G. E. Simpson G. H. Sisam W. A. Slater Adelle C. Smith Constance Barlow Smith J. E. Smith J. E. Smith J. E. Smith J. M. Snodgrass C. M. Siow C. M. Sione C. M. Sinth J. M. Snodgrass C. M. Siow C. M. Sione C. M. Sione C. M. Sione J. M. Snodgrass C. M. Siow C. M. Sione	. do Fellowship, January, 1913 Salary, January, 1913 . do . do	10 30
761	do	Siebelt L. Simmering	Fellowship, January, 1913	30
762	do	Frances Simpson	Salary, January, 1913	166
763	do	G. E. Simpson	do	10
764	do	U. H. Sisam	do	158 125
765	do	A della C. Smith	do	60
766		Constance Barlow Smith	dododo	160
767	uo	G M Smith	do	160 133
768 769	do	Frank Smith	do	208
770	.do	J. E. Smith	do	208 128
771	do	O. H. Smith	do	l Os
772	do	J. M. Snodgrass	do	175
$\frac{772}{773}$	do	C. M. Snow	do	150
	do	O. O. Stanley	do	70
775	do	Joel Stebbins	do	104 55 130
776	do	Sabra Stevens	do	55
776 777	do	R. K. Steward	do	130
778 779	do	C. L. Stewart	do	333
779	do	H. H. Stoek	Ta-11 1019	333
780	do	J. W. Stokes	Colory Tonyony 1012	120
781		E. D. Stouller	do	100
702		Lillian Strong	do	56
704	40	W G Stromquist	do	50 130 100 50
705	40	R T Stull	do	200
786	do	J. M. Snodgrass. C. M. Snow O. O. Stanley Joel Stebbins Sabra Stevens. R. K. Steward C. L. Steward H. H. Stoek J. W. Stoek E. B. Stouffer E. K. Strachan Lillian Strong W. G. Stronguist R. T. Stull Horace Stunkard	do	30
787	do	Emerson Sutcliff	do	80
788	do	A. H. Sutherland	do	150
1789	do	A. N. Talbot	do	200 30 80 150 333 60
1790	do	F. W. Tanner	do	60
1791	do	S. C. Taylor	do	25
1792	do	W. H. Taylor	do	60
1793	do	R. K. Steward C. L. Stewart H. H. Stoek J. W. Stokes E. B. Stouffer E. K. Strachan Lillian Strong W. G. Stromquist R. T. Stull Horace Stunkard Emerson Sutcliff A. H. Sutherland A. N. Talbot F. W. Tanner S. C. Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. Thompson J. G. Thompson	Fellowship, January, 1913	50 90
1794	do	C. M. Thompson	Salary, January, 1913	90
1795	do	D. G. Thompson	do	40
		II (I (III) amamaam	l do	160

lo.	Date.	Lambert Thorp A. J. Tieje. A. J. Todd. E. J. Townsend. L. L. Townsend. L. L. Townsend. Edna A. Treat H. D. Valentine. H. J. Van Cleave. H. J. Van Cleave. H. J. Van Coeren. J. N. Vedder. C. G. Vernier. E. H. Waldo. H. B. Ward. E. H. Warner. A. R. Warnock. E. W. Washburn. E. R. Watson. H. C. P. Weber. N. A. Wells. N. A. Weston. Mary M. Wetmore. J. M. White. J. H. Whitten. E. A. Williams E. H. Williams F. G. Willon. P. L. Windsor R. M. Winger W. J. Wohlengerg P. S. Woodward I. M. Wormser A. B. Wright Ola M. Wyeth T. D. Yensen Jacob Zeitlin Charles Zeleny H. T. Zoller J. E. Ackert F. H. Adler Josephine E. Burns Margaret V. Cobb Edna L. Forrey D. L. Geyer E. O. Heuse. J. W. Good E. A. Kircher P. A. Lehenbauer H. McGregor L. C. Mathewson L. F. Nickell A. W. Orcuet A. F. Pein C. F. C. Riley Clarissa Ripaker Irma E. Volgt. P. S. Welch G. Y. Williams Alice Biestor R. W. Brumfiel P. E. Clark W. W. Brumfiel P. E. Clark W. W. Brumfiel F. E. Clark Jesse L. Conel	For what.	Amou
	1913.		,	
1797	Jan. 31	Lambert Thorp	Salary, January, 1913	\$100 105 104 333 100 90 10 60 180
1798	do	A. J. Tieje	do	105
1799	do	A. J. Todd	do	104
1800	do	E. J. Townsend	do	333
1807	do	L. L. Townsend	do	100
1802	do	Edna A. Treat	do	90
1803	do	H. D. Valentine	do	10
804	do	H. J. Van Cleave	do	60
805	do	H. J. Van Den Berg	do	180
806	do	G. J. Van Zoeren	do	30
1807	do	J. N. Vedder	do	110 29
1808	do	C. G. Vernier	do	29
1809	do	E. H. Waldo	do	166 338
810	do	H. B. Ward	do	333
1811	do	E. H. Warner	do	50 125 185
1812	do	A. R. Warnock	do	125
1813	do	E. W. Washburn	do	183
1814	do	E. R. Watson	do	200 150
1815	do	H. C. P. Weber	do	150
1816	do	N. A. Wells	do	208
1817	do	N. A. Weston	do	229
1818	do	Mary M. Wetmore	do	208 229 128 333
1819	do	J. M. White	do	333
l820	do	J. H. Whitten	do	6
1821	do	E. A. Wildman	do	30
822	do	C. C. Wiley	do	150
1823	do	C. A. Williams	do	120
1824	do	E. H. Williams	do	12
825	do	Mary E. Williams	do	85 160
1826	do	F. G. Willson	do	160
1827	do	P. L. Windsor	do	250
1828	do	R. M. Winger	do	120
1829	do	W. J. Wohlengerg	Fellowship, January, 1913	5
1830	do	P. S. Woodward	Salary, January, 1913	38 18
1831	do	I M Wormser	do ,	18
1832	do	A B Wright	do	50 75 150
1833	do	Ola M Wyeth	do	7
1834	do	T D Vansan	do	15
1025	do	Tooch Zoitlin	do	10
1838	do	Charles Zelany	do	125 208 30
1027	do	H T Zoller	do	200
1030	do	T E Agrant	Followship January 1913	3
1830	do	F H Adlar	do	3
1840	do	Josephine E. Burns	do	. 3
18/1	do	Margaret V Cohh	do	30
1842	do	Edna L. Forrey	do	31
1843	do	D L Gever	do	31
1844	do	E O Heuse	do	3
218	do	T W Good	do	4
818	do	E A Kircher	do	40 30 30
1040	do	P A Laborhouar	do	30
010	do	T McGregor	do	9
640	do	I. C. Mathawson	do	30 30 40
050	do	T. F. Nielroll	do	4
QK1	do	A W Orenot	do	3
SKU	do	A F Pain	do	3
252	do	C. F. C. Rilay	do	31
SK1	do	Claricea Rinakar	do	38
055	uo	Trme E. Voiet	do	3
SEE	do	P S Walch	do	9
257	uo	G V Williams	do	20
OK O	do	Alica Riestar	Scholarship January 1012	30 31 31 22
LOUG	uo	P W Proum	do	2
000	do	D M Brumfiel	do	2
000	uo	F F Clork	do	2
1001	uo	Torgo T. Conol	do	26
LOU⊿   QR9	uo	S H Cox	do	20
1000	uo	F S Downell	do	20
1004	do	D T Fredia	do	2! 2! 2! 2! 2! 2! 2!
1000		Olo M. T. Eulrolaan	do	2
1000		C F Forgarbon	do	25
1007	op	C P Froder	do	25 25 25 25
1000	do	D. D. FIRCKOT	u0	20
1869	do	Dyne f. Goodman	uo	25
1870	do	pappno C. Granam	uu	25
1871	do	Kuby M. Grimes		25
1872	do	Mary A. Hann	ao	25
1873	do	Irma E. Voigt. P. S. Welch G. Y. Williams Alice Biester R. W. Brown. D. M. Brumfiel F. E. Clark Jesse L. Conel S. H. Cox E. S. Dowell D. T. Englis. Ola M. J. Eskelson S. E. Fauquher S. B. Fracker Byne F. Goodman Sappho C. Graham Ruby M. Grimes Mary A. Hann Homer Hall A. C. Hanford William Hill		25 25 25 25 25
874	do	A. U. Hantord		25
	05.1	william Hill	αο	25

0.	Date.	C. E. Holly Nellie N. Horner J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Macdonald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottelman Cornelia R. Seawell Mary M. Spangler E. R. Spencer W. A. Swenson Lilly B. Voegelein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley Winfred L. Amos Ethel Ash C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown Sarah E. Bryan Florence Harrison Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton Edith Emigh Frances M. Feind R. I. Fieg Mollie Fraser Viola Fraser Frances G. Garwood Antoinette Goetz Elizabeth Good Mabel F. Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Fred Hooker Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Gertrude Keech J. H. Kelly Nora Kirwan Aurella Knapp Allie Lamb A. R. Lee Louis A. Lietz Stella Lund C. M. McCourt A. H. McLean Jane McMullin Mane L. Manspeaker Jonne A. Mathers Maude E. Menley Ridolph Meseek C. F. Miller Lloyd Morey J. A. M. McCourt A. H. McLean Jane L. Manspeaker Jonne A. Mathers Maude E. Menley Ridolph Meseek C. F. Miller Lloyd Morey J. A. Worurphy Elizabeth Ceel Elizabeth Pfeffer F. W. Post.	For what.	Amou
	1913.			
876	Jan. 31	C. E. Holly	Salary, January, 1913	\$ 2
877	do	Nellie N. Horner	do	2
878	do	J. W. Howard	do	2
879	do	P. W. Ivey	do	2: 2: 2: 2: 2: 2:
880	do	Gretchen Lutz	do	2
881	do	Janet M. Macdonald	do	2
882	do	J. E. Miller	do	2
383	do	Edna Mosher	do	2
384	do	J. B. Nathanson	do	2
885	do	F. G. Norbury	do	25
300	do	R. H. Nottelman		2
387	do	Cornella R. Seawell		20
000		E D Changer		2
วดช		W A Common	do	2
201	do	Tilly B Voogalain	do	2
500 T &C	do	Margaret Weshington	do	20
202	do	P O Wright	do	2
394	do	A E Zucker	do	2
205	do	Lilla M Alexander	Salary, January, 1913	. 60 84 64
396	do	W. E. Allev	-do	8!
397	do	Winfred L. Amos	do	6
398	.do	Ethel Ash.	do	6
399	do	C. E. Atkinson	do	14 5 12 7 6 6
900	do	Mary L. Blackwell	do	5
901	do	L. A. Boice	do	12
02	do	Tabitha J. Broadhurst	do	7.
903	do	Ina M. Brown	do	6
904	do	Sarah E. Bryan	do	6
905	do	Florence Harrison	Wages, January, 1913	6
906	do	Miles Clements	Salary, January, 1913	4
907	do	C. C. Crawford	do	4 6 15
908	do	H. E. Cunningham	do	15
909	do	C. E. Dalton	do	4
910	do	Edith Emigh	do	6. 7.
911	do	Frances M. Feind	do	7
112	do	R. I. Fleg	do	5
913	do	Mollie Fraser		3
914	do	Viola Fraser		5 4
#10		Frances G. Garwood		6
710 717		Elizabeth Cood	do	4 6 5 3 12 16
31 <i>1</i>	do	Mobal F Griffith	do	6
310	do	Cormon Hornack	do	5
วรถ	do	Eliza Hart	do	3
921	do	C. H. Havens	.do	12
922	do	N. Hav	do	16
$\tilde{2}\tilde{3}$	do	Myrtle E. Heater	do	5
924	do	Fred Hooker	do	4
925	do	Josie B. Houchens	do	7. 6.
926	do	A. H. Hull	do	6
927	do	Katie L. Humrichouse	do	.5
928	do	Marie Jester	do	4 5 4
929	do	Gertrude Johnson	do	5
30	do	J. J. Johnson	do	4
31	do	Gertrude Keech	do	3
132	do	J. н. Kelly	do	3 16 4 6
33	do	Nora Kirwan	do	4
34	ao	Aurena Knapp	ao	6
135	00	A D Tag		4. 9
127	ao	A. D. Lee	uu	3
130	uo	Stelle Tand	do.	38
130	uo	C M McConn	do	23 8
NV GOV	uo	A cros McCurty	do	Δ <u>ο</u>
141	do	A H McLean	do	8
49	do	Iana McMullin	do	4
43	do	Mae L. Mansneaker	do	8
44	do	Jennie A. Mathers	do	41 83 50
945	do	Maude E. Meneley	do	50
946	do	Rudolph Meseck	do	6
$9\overline{47}$	do	C. F. Miller	do	7
948	do	Lloyd Morey	do	- 8
)49	do	J. A. Morrow	do	166
950	do	M. W. Murphy	do	75 85 166 110
)5ĺ	do	Elizabeth C. Peel	do	75
952	do	Thomas Peel	do	78 58
253	do	Elizabeth Pfeffer	do	50
		THE TAX TO 1	1 4 4	78

No.	Date.	To whom.	For what.	Amou
	1913.			
1955	Jan. 31	Harriet L. Postlewait	Salary, January, 1913	\$ 50 65
1956	do	Myrtle A. Renz	do	65
1957	do	Nellie M. Robertson	do	60
1050	do	Mary Scanlon	do	55 60
1960	do	Ann Shepard T. J. Showers Sara M. Slater Bertram Smith	do	91
1861	do	T. J. Showers	do	125
1962	do	Sara M. Slater	do	55
1963	do	Bertram Smith	do	70
1964	do	I. M. Smith Jesse A. Smith	do	108
1965	do	Jesse A. Smith	do	100
1067	do	Mayme L. Smith O. E. Staples Alfred Steitz	do	65
1062	do	O. E. Staptes	do	150 75
1960	do	E T Strong	do	95
1970	do	M E Thompson	do	85
1971	do	Mary Torrance	-do	55
1972	do	L. J. Towne.	do	150
1973	do	GP. Tuttle.	do	91
1974	do	Josephine Tyrrell	do	45
1975	do	Alfred Steltz E. T. Strong M. E. Thompson Mary Torrance L. J. Towne. GP. Tuttle Josephine Tyrrell Lida E. Voight Lida E. White B. I. Winchester	do	83
1976	do	Lida E. White	do	50
1977	do	B. L. Winchester		
1978 1070	00	Bida E. White B. L. Winchester H. T. Wyninger C. G. Hopkins M. E. Jahr J. G. Mosier J. H. Petitit H. N. Parker	do	52 416
1060 1061	ob	M E lobr	do	120
1991	do	I G Mosier	do	266
1982	do	I. H. Pettit	do	250
1983	do	H. N. Parker	do	200
				120
1985	do	L. H. Smith	do	250
1986	do	H. W. Stewart	do	150
1987	do	H. W. Stewart A. L. Whiting W. L. Burlison I. W. Dickerson K. J. T. Ekblaw O. S. Fisher A. F. Gustafson Leonard Hegnauer N. W. Handburn	do	125
1988	do	W. L. Burlison	do	100
1989	do	1. W. Dickerson	do	150
1001		C C Fisher	00	150 166
1009	do	A F Gustofson	do	150
1993	do	Leonard Hegnaner	do	250
1994	do	N. W. Hepburn	do	175
1995	do	R. S. Hulce	do	100
.1996	do	Leonard Heghurn N. W. Hepburn R. S. Hulce J. W. Lloyd L. R. Lang O. A. Keller	do	266 133
.1997	do	L. R. Lang	do	133
1998	do	O. A. Keller	do	83
1999	do	D. A. McIntosh	00	208
2000	do	William Miller	00	250 416
2001	do	A H Nahrling	do	125
2002	do	H W Peaslee	do	200
2004	do	V. A. Place	.do	200 .83
2005	do	D. A. McLitosh. Wilhelm Miller. H. W. Mumford. A. H. Nehrling. H. W. Peaslee. V. A. Place. R. R. Root. H. P. Busk	do	166
2006		H. P. Rusk W. H. Smith	do	
2007	do	W. H. Smith	do	108
2008	do	J. R. Wells	do	70
2009	do	J. J. Y 0K0	do	83
2011 2010	do	L C Plain	do.	166 416
3U1∪ 70TT	do	J. C. Blair	do	133
2012	do	R. E. Brand. W. J. Carmicheal.	do	166
2014	- do	W. J. Carmicheal	do	.41
ZULO	l CO			41
2016	do	W. C. Coffey C. S. Crandall W. T. Crandall	do	225
2017	do	C. S. Crandall	do	291
901 R	do	W. T. Crandall	do	133
2019	do	J. A. Detlefson. C. E. Durst. H. B. Dorner.	do	166
2020	do	U. E. Durst		125
				166
2022	do	I I Gardner	do	100
2024	do	W. J. Fraser	do	291
2025	do	W. F. Handschin	do	150
2026	do	L. D. Hall	do	225
2027	do	E. Davenport	do	500
2028	do	Isabel Bevier	do	250
2029	do	J. J. Gardner W. J. Fraser W. F. Handschin L. D. Hall E. Davenport Isabel Bevier Nina B. Grigler Augusta D. Evans Charlotte Gibbs	[do	120
2030	do	Augusta D. Evans	do	83
2031	do	Charlotte Gibbs Cora E. Gray Nellie E. Goldthwaite		250 120 83 125 110
2032	do	Cora E. Gray		110
20133	do	Neille E. Goldthwalte	ao	166

lo.	Date.	To whom.	For what.	Amou
	1913.	A. W. Nolan Ruth Wheeler Maud Parsons. Helena M. Pincomb F. H. Rankin. Harriet Rinaker. F. M. Simpson Grace Stevens. J. V. Stevenson Alice V. Hamilton Bessie E. Packard Leonora Perry B. E. Powell Florence E. Smith W. B. Gernert Orr Allyn J. B. Park W. L. Gaines F. A. Pearson H. A. Reuhe L. M. Wakeley Jas. Hutchinson F. W. Muncie G. L. Peltier L. E. Foglesong. A. J. Gunderson O. S. Watkins B. S. Pickett W. A. Ruth L. R. Binding R. W. Dickerson F. A. Fisher F. W. Garrett S. V. Holt E. E. Hoskins Oran Leller W. R. Leighty C. C. Logan Gertrude Niederman F. M. W. Wascher H. C. Wheeler C. E. Wheelock J. P. Aumer W. A. Sachs E. Van Alstine H. H. Mitchell F. C. Bauer L. M. Apgar W. W. A. Shewhart Mamie Bunch Ethel Clark M. J. Conley W. B. Atwell W. H. Harry W. B. Atwell W. M. Shewhart Mamie Bunch Ethel Clark M. J. Conley W. B. Atwell W. H. Harry W. H. Harry W. B. Atwell W. H. Harry		
2034	Jan. 31	A. W. Nolan	Salary, January, 1913	\$200 133 100 133
2035	do	Ruth Wheeler	do	133
2036	do	Maud Parsons	00	100
2036 2097	do	F H Ponkin	do	250
2030	do	Harriet Rinaker	do	250 125 100 90
2040	do	F. M. Simpson	.do-	100
2041	do	Grace Stevens.	do	90
042	do	J. V. Stevenson	do	41
2043	do	Alice V. Hamilton	do	75
044	do	Bessie E. Packard	do	75 79
2045	do	Leonora Perry	do	79
046	do	B. E. Powell		191
047	do	W P Cornert	do	195
0110	do	Orr Allyn	do	65 125 70
050		I B Park	do	150
051	.do	W. L. Gaines	do	150
052	do	F. A. Pearson	do	5
053	do	H. A. Reuhe	do	116
054	do	L. M. Wakeley	do	100 100
055	do	Jas. Hutchinson	do	100
056	do	F. W. Muncie	[ao	83 83 100 83
057	00	U. L. Politier	uo	100
UEO UBO	do	A. T. Gunderson	do	100
URU	uo	O S Watkins	do	150
061	do	B. S. Pickett	do	250 125 70
062	do	W. A. Ruth	_do	125
063	do	L. R. Binding.	do	70
064	do	R. W. Dickerson	do	70
065	do	F. A. Fisher	do	83 83
066	do	F. W. Garrett	do	83
067	do	S. V. Holt.	do	150
068	do	Chan I allen	do	100
050	do	W P Leighty	do	100
071	do	C. C. Logen	do	150
072	do	Gertrude Niederman	do	100
073	do	F. M. W. Wascher	_do	83
074	do	H. C. Wheeler.	do	150
075	do	C. E. Wheelock	do	70
076	do	J. E. Whitchurch	do	150 150 70 100 150 100 83 150 70 150 70
077	do	John Woodard	do	70
078	ao	J. P. Aumer		105
060	do	W. A. Dauls	do	125 150
081	do	H H Mitchell	do	125
082	do	F. C. Bauer	_do	125
083	do	L. M. Apgar	Wages, January, 1913	20
084	do	W. W. Peters	do	125 20 20
085	do	L. Rosett	do	14
086	do	W. A. Shewhart	do	10
087	ao	Mamie Bunch		45 40
088	do	Ethel Clark	do	75
non	uo	W R Atwell	do	75 35 83 50
191	do	W. L. Harry	do	83
092	do	Sadie Jones	_do	50
093	do	D. C. Sprinkle	do	50 45
94	do	Ethel Clark M. J. Conley. W. B. Atwell W. L. Harry. Sadie Jones D. C. Sprinkle. A. J. Stoneburner. H. Simer. M. D. Rose	do	45
095	do	H. Simer	do	45
	do	M. D. Rose	do	. 52
097	do	Ulive G. Reid	ao	50
098	do	Fred Pine	00	75 75
099	do	F W Willson	do	3U (9)
100	do	Stonlay Wilking	do	30 40
102	do	Andrew Tornguist.	_do	75
103	do	Elmer Jenkins	_do	55
104	do	Horace Ingalls	do	60
105	do	H. Simer M. D. Rose. Olive G. Reid. Fred Pine. I. F Burdick F. W. Willson. Stanley Wilkins. Andrew Tornquist. Elmer Jenkins. Horace Ingalls. Wm. Hough. J. L. Gardner Harley Foor T. P. C. Crawford. Lucy M. Barto C. H. Rehling. J. A. Sachrison. Arthur Semple.	do	60 83 80
106	do	J. L. Gardner	do	80
107	do	Harley Foor	do	55
108	do	T. P. C. Crawford	do	55 47 20
109	do	Lucy M. Barto	ao	20
110	do	C. H. Renling	do	24 11 18
냁	do	J. A. Sacurison	do	10
	do	лишш эешрие	uv	19

ю.	Date.	To whom.	For what.	Amou
	1913.	·		
2113	Jan. 31	S. C. Kemp M. J. Smith A. L. Sowers. Earl Meenach	Wages, January, 1913	\$ 10 25
2114	do	M. J. Smith	do	25
115	do	A. L. Sowers  Earl Meenach  Jas. O'Brien  Edwin Walworth  Chester Turner  J. E. Thomas  Florence Stoutzenberg  J. H. Coffey  E. C. Terhune  E. H. Taylor  W. W. Williams  L. W. Duncan  Ralph Walworth  H. H. Wheeler  Margaret C. Foss  R. C. Glover  Wniffre McIntosh  L. A. Hunter  Alpha Tornquist  W. L. Bennett  W. T. Craig  E. M. Clark  H. A. Cate  M. R. Carlson  A. E. Burwash  C. Beers  G. W. Beardsley  John Balcoin  A. F. Krueger  R. C. Kastler	do	99 60
116	do	Earl Meenach	do	60
110	ao	Tas. U Brien	do	50
110	uo	Charter Turner	do	50 45
120	do	I E Thomas	do	45
121	do	Florence Stoutzenherg	do	25
122	do	J. H. Coffey	do	25 50 20
123	do	E. C. Terhine	do.	20
124	do	E. H. Taylor	do	16
125	do	W. W. Williams	do	50 75 45
126	do	L. W. Duncan	do	75
127	do	Ralph Walworth	do	45
128	do	H. H. Wheeler	do	65 40 40
129	do	Margaret C. Foss	do	40
130	do	R. C. Glover	do	40
131	do	Winifre McIntosh	do	10
132	do	L. A. Hunter	do	70
133	do	Alpha Tornquist	do	25 60
134	qo	W. L. Bennett	do	60
100	do	W. T. Craig		88 60
130	do	E. M. Clark		10
100	do	M. D. Conless	00	19 55
150	uo	M. R. Carison	do	91
140	uo	C Roors	do	31 55 55
141	do	G W Reardslaw	do	5.5
142	do	John Balcom	do	19
143	do	A. F. Krueger	do	12 68 58 68
144	do	John Balcom A. F. Krueger R. C. Kastier Earl Garver Amelia Feldkamp H. E. Crouch Anna Crathorne Ruah Loveless H. C. Lawson John Palfrey W. W. Yapp Loretto White A. Ten Broeck Cornelius Stocker Lillian Smith Ethel Sharp	do	58
145	do	Earl Garver	do	65
146	do	Amelia Feldkamp	do	40
147	do	H. E. Crouch	do	115 50 50
148	do	Anna Crathorne	do	50
149	do	Ruah Loveless	do	50
150	do	H. C. Lawson	do	43
151	do	John Palfrey	do	43 65 70 65
152	do	W. W. Yapp	do	70
153	do	Loretto White	do	65
155		Corneling Steelers		50 75 50
156	do	Tillion Smith	do	76
157	do	The Sham	do	40
158	do	Etta Perry	do	40 60 83
159	. do	W. S. Goodsneed	do	83
160	do	C. L. Knodle	do	. 16
161	do	Geo. Reilly	do	67
162	do	Della Rogers	do	67 40 110
163	do	D. M. Avey	do	110
l64	do	T. W. Dieckmann	do	34
165	do	Burt Hays	do	. 70
166	do	L. Donohue	do	34 70 50 45
167	do	G. Donohue	do	. 45
108	do	H. Britchard	do	65
109	do	R. Drivenard	00	50
71	uo	Androw Boswell	uo	55
79	do	James Roswell	do	. 09
73	do	Ralnh Chanlin	do	A C
74	do	Pearl Cunningham	do	55 55 54 27 60
75	. do	Louie Frizell	do	40
76	do	Claude Harrolle	_do	30
77	do	Rose Hegenbart.	do	30 75 . 11
178	do	H. R. Black	do	. 11
79	do	C. R. Nelson	do	43
[08J	do	E. R. Berbaum	do	. 61
181	do	C. C. Chapman	do	. 83
182	do	C. A. Campbell	do	43 61 83 60
183	do	Q. 1. Ellis	do	30 70 40 80
184	do	Emma L. Custer	do	70
185	do	marion B. Gallaher	[ao	. 40
180		r. w. wault	00	80
100	o	J. N. Kelley	00	52
100	do	W A MaIntina		60
100	ao	Cornelius Stocker Lillian Smith Ethel Sharp. Etta Perry W. S. Goodspeed C. L. Knodle Geo. Reilly Della Rogers D. M. Avey T. W. Dieckmann Burt Hays. L. Donohue G. Donohue H. Britchard Hazel Rhoads Andrew Boswell James Boswell James Boswell James Boswell Louis Frizell Claude Harrolle Rose Hegenbart H. R. Black C. R. Nelson E. R. Berbaum C. A. Campbell O. I. Ellis Emma L. Custer Marion B. Gallaher F. W. Gault J. R. Kelley John Lankford W. A. MeIntire Flora M. Sims Alice Reed		52 60 50 83 50
FAC	uo	Alica Dood	40	83
		A LICE D.EEO	UU	อบ

lo.	Date.	To whom.	For what.	Amour
	1913.			
2192	Jan. 31	May Miller	Wages, January, 1913	\$65
2193 2194	do	Freda O. Stricklan	do	65
2194	do	D. R. Lee.		35
2195 2196	do	J. C. Aliderson		65 76
2190 2197	do	Tesse Cook	do	55
2108	do	Roh Cook	do	47
2198 2199	do	W. J. Engle	do	47 65
2200	do	Lawrence Engle	do	24
2201	do	Ralph Engle	do	26 65
202	do	Marjorie H. Gage	do	65
2203 2204	do	Mabel Halliday	do	60
204	do	William Kelley	do	50
$\frac{205}{206}$	do do	J. F. SMIII		65 50
207	do	Fligoboth Dulling	do	60
208	do	George Nogle	do	70
	do	Ed Myers	do	47
210	do	Joe Mink	do	47 47
$\frac{210}{211}$	do	May Miller. Freda O. Stricklan D. R. Lee J. C. Anderson O. G. Atkinson Jesse Cook Rob Cook W. J. Engle Lawrence Engle Ralph Engle Marjorie H. Gage Mabel Halliday William Kelley J. F. Smith Frank Sanders Elizabeth Pulling George Nogle Ed Myers Joe Mink Ben Durman	do	57
$\frac{212}{213}$	do	L. J. Wells	do	45 57
213	do	Elmer Varner	do	57 42
$\frac{214}{215}$	do	Evalena Bowen	do	42
$\begin{array}{c} 215 \\ 216 \end{array}$	oo	U. I. Newilliams		75
216 217	uo	P K Turner	do	33 14
218	do	R. F. Broyles	do	34
219	do	Ed Myers Joe Mink Ben Durman L J. Wells Elmer Varner Evalena Bowen C. I. Newlin A. L. Williams R. K. Turner R. F. Broyles Roy Argo C. G. Cox Robert Wilford W. M. Sheldon Alfred Raut Jas. O'Brien K. A. McKaskill John Garman Frank Wilson B. L. Reed John Snyder A. U. Moran Frank Fogarty Wm. Fogarty Edward Hargan Samuel Hanson W. G. Hixon Frank Irvine James Irvine	_do	55 47 30
220	do	C. G. Cox	do	47
221	do	Robert Wilford	do	30
221 222	do	W. M.Sheldon	do	12
2223	do	Alfred Raut	do	13 20
224	do	Jas. O'Brien	do	20
225	do	K. A. McKaskill	do	41
226 227	do	Jonn Garman	00	41 31 51
1441 1998	do	R T Dood	do	51
228 229	do	John Snyder	do	54
230 231	do	A. U. Moran	00	63 54 56
231	do	Frank Fogarty.	do	54
232 233	do	Wm. Fogarty	do	56
2233	do	Edward Hargan	do	61 63
2234	do	Samuel Hanson	do	63
2235 2236	do	W. G. Hixon	do	51 65
230	do	Tank irvine		1 54
2237 2238	do	P S Nalson	do	54 37
2230	do	T Gudole	do	31
$\frac{2239}{240}$	do	D. Vanble	do	31 27 18
2241	do	E. H. Walworth	_do	18
242	do	H. J. Snider	do	12
243	do	W. G. Hixon Frank Irvine James Irvine P. S. Nelson J. Gudgle D. Vauble E. H. Walworth H. J. Snider G. W. Schroeder Edgar Hermann R. L. Hegnauer Ethel Berlin C. E. Mattoon	do	18
244 245	do	Edgar Hermann	do	27 13
	do	K. L. Hegnauer		13
246 247	do	C F Wattoon		11
24/	do	C. E. Mattoon	do	11 .52 43 50
240	do	Rerthe G States	do	50
250	- do	B. L. Bowling	do	70
251	do	Robert Pergande	do	85
252	do)	B. L. Morehouse	do	85
253	do	Marie A. Gordon	do	50
254	do	G. C. Ambrose	do	42
255	do	E. E. Craig.	do	23
256	do	M. C. Weaver		23 75 20
257	do	L. D. Daidwin	. u0	20
∠08 1250	do	Florence Nyberg	do	62 50
2260 2260	do	F. H. Colver	do	57
2261	do	G. W. Porter	do	60
2262	do	M. L. Nebel	do	19
2263	do	S. T. Wallage	do,	36
2264	do	Daisy Swearingen	do	30
2265	do	F. H. Kelley	do	19 36 30 25 44
2266	do	William Wascher	. do	44
2267	do	Ethel Berlin C. E. Mattoon W. A. Hooker Bertha G. States B. L. Bowling Robert Pergande B. L. Morehouse Marie A. Gordon G. C. Ambrose E. E. Craig M. C. Weaver L. S. Baldwin H. J. Vanderbeek Plorence Nyberg F. H. Colyer G. W. Porter M. L. Nebel S. T. Wallage Daisy Swearingen F. H. Kelley William Wascher Wesley Hoffman J. C. Fiscus A. O. Magnuson C. R. Sinclair	do	76 78
4268	ao	J. C. FISCUS		1 78
4269		A. U. Magnuson	. uo	80 54
	0 00	IO. R. SHICIZIF	.   uv	1 34

VO.	Date.	A. P. Kelley. Wayne Brown W. S. Wolfe. G. F. Paulsen L. M. Stearns. Clyde Stillwell Arthur Turner Chas. Wilson Fred Hoover P. S. Jeffers C. C. Johnson Walter Jones G. E. Kirk Elias Kirby J. A. J. Kliem W. J. Langhoff H. S. Lewis J. F. Long H. H. Mahorney Bert Mathews. Harrison Hoecker R. D. Hull C. E. Follansbee Louie Fender T. J. Fay E. P. Dibble Jos. Davis E. W. Justus Margaret Jones Margaret Jones Margaret Jones Margaret Jones Sell Hamlin W. H. Graybeal C. F. Fender T. F. Harper Sell Hamlin W. H. Graybeal C. J. Thomas Long A. C. Litton E. C. Lewis F. Langhoff P. R. Greenman Guy Fox Thomas Long A. C. Litton E. C. Lewis F. Langhoff P. R. Greenman Guy Fox Thomas Long A. C. Litton E. C. Lewis F. Langhoff P. R. Greenman Guy Fox Thomas Long A. C. Litton B. C. Lewis F. Langhoff P. R. Greenman Guy Fox Thomas Long A. C. Litton B. C. Lewis F. Langhoff P. R. Greenman Guy Fox Thomas Long A. C. Litton B. C. Lewis F. Langhoff P. R. Greenman G. E. Quick Phillip Udinsky P. T. Walters Basil Brown Harry Brown Walter Birdzell J. E. Balley W. H. Atwell C. E. Arrington John Ceduskey D. M. Bullock Frank Stateler W. J. Smith A. Servis Mary Ryan Ed. Richards Wm. Quinn Geo. Toy Henry Turner Geo. Turner John Bagley R. W. Baldwin Wm. Wilde Ed. Wharmby Geo. Boyer V. S. Grisons J. J. Fiscus J. F. English Herman Fiechtruph C. M. Miller Rowton Jacob Nikalous Frank Perry	For what.	Amou
	1913.			
2271	Jan. 31	A. P. Kelley	Wages, January, 1913	\$ 23 30 14
2272	do	Wayne Brown	do	30
2273	do	W. S. Wolfe	do	1.
6274 2275	do	T. M. Steams	do	14 62 30 48
2210 2276	do	Clyde Stillwell	do	0
2277	do	Arthur Turner	do	1 49
2278	do	Chas. Wilson	do	5
2279	do	Fred Hoover	_do	5: 6: 6: 4:
2280	do	P. S. Jeffers	do	6
2281	do	C. C. Johnson	do	6:
2282	do	Walter Jones	do	40
2283	do	G. E. Kirk.	do	50 54 20 41
2284	do	Ellas Kirby	do	5
2285	do	J. A. J. Kliem	do	6
2200		W. J. Langhon		2
5401 9900	do	T F Long	do	6
2200	do	H H Maharnay	do	5
290	do	Bert Mathews	do	5
201	- do	Harrison Hoecker	do	5
2292	do	R. D. Hull	do	1
2293	do	C. E. Follansbee	do	5
294	do	Louie Fender.	do	7 9
295	do	T. J. Fay	do	9
296	do	E. P. Dibble	do	8
297	do	Jos. Davis	do	6
298	do	E. W. Justus	do	10
299	do	Margaret Jones	do	4
300	ao	Koss Hutton		15
300 100	on	T. U. Henderson	do	10
302 302	ao	Coll Hamlin		86 100 4 5 10 5 5 6 6
ろしゃ	ao	W H Crowbeel	00	) b
30¢	do	C. V. Fraemen	do	. 5
308	do	Guy Fox	do	B
2307	- do	Thomas Long	do	6
2308	do	A. C. Litton	do	5
309	do	E. C. Lewis	do	5
310	do	F. Langhoff	_do	5
31Í	do	P. R. Greenman	do	Ĭ
312	do	G. E. Quick	do	1
313	do	Phillip Udinsky	do	1
314	do	P. T. Walters	do	1
315	do	Basii Brown	do	6
316	do	Harry Brown	<u>qo</u>	6
317	00	Walter Birdzell	ao	7
210 218	ao	J. E. Dalley	ao	5
30V 019	uo	C. E. Arrington	do	5 6
321	do	John Ceduskey	do	7.
322	do	D. M. Bullock	do	5
323	do	Frank Stateler	do	5. 7:
324	do	W. J. Smith	do	11 5
325	do	A. Servis	do	5
326	do	Mary Ryan	do	3 9 6
327	do	Ed. Richards	do	9
328	do	Wm. Quinn	do	6
329	do	Geo. Toy	do	5
330 330	do	Henry Turner	do	5
221	00	Toba Poglar	00	6
00Z 222	00	D W Poldwin	00	5
334 999	uo	Wm Wildo	do	5 9
335	do	Ed Wharmhy	do	5
336	do.	Geo. Bover	do	5
337	do	V. S. Glenn	_do	4
338	do	Asbury Grice	do	5
339	do	R. S. Čarson	do	5
340	do	J. J. Fiscus	do	5
341	do,	B. F. English	do	1
342	do	Herman Fechtruph	do	5: 1: 5:
343	do	C. M. Miller	do	5
344	do	Rebecca Morgan	do	4
345	do	Uriah Moreland	do	5
346	do	Rutne E. Murphey	ao	58 7
347	go	J. R. Newton Jacob Nikalous Frank Perry	ao	62 62 66
		JECOD NIKOJOUS	ao	62
348		Fromly Donney	do	Α.

Vo.	Date.	To whom.	For what.	Amou
	1913.			
2350	Jan. 31	J. F. Purkins John Cooly A. J. McAlister Frances McClughen James McCullough O. E. Meenach	Wages, January, 1913	\$ 58 56
2351	do	John Cooly	do	56
2352 2353	do	A. J. McAlister	do	75 41
2353	do	Frances McClughen	do	56
2554	00	James McCullougn	do	50
2000	do	Don Managh	do	59 64 11
2357	do	Chas Myors	do	11
2358	do	Otto Schinnerer	-do	10
2359	do	Eleanor Hubbard	do	22 13
2360	do	Bertha Bourdette	do	13
2361	do	Calvin White	do	10
2362	do	Julius Goebel, Jr	do	12
2363	do	J. G. Eppinger	do	11
2304	do	F. R. Miller	do	27
2000		C E Cuthorland	do	11 37 18
2367	do	F S Strobokor		15
2368	do	E W Rugg	do	31
2369	do	Olive Paine	do	17
2370	do	J. F. Pirkins John Cooly A. J. McAlister Frances McClughen James McCullough O. E. Meenach Dan Meneely Chas. Myers Otto Schimnerer Eleanor Hubbard Bertha Bourdette Calvin White Julius Goebel, Ir J. G. Eppinger F. R. Miller F. C. Hare G. F. Sutherland F. S. Stroheker E. W. Rugg Olive Paine Uncile B. Cravens Floyd Britton Mary M. Moss Gertrude Johnson Orval Snook Frances E. McClughen Mra M. Ryan Howard Downing Wesley Wilson Asa Denman John W. Lowe Fred Fender Pete Davis F. Crathorne Adolph Langhoff John Braanigan V. R. Barnes Thomas Butler Wm. Templin L. F. Tillotson August Warmbier A. L. Brining F. T. Franklin Jesse Myers J. Rachwalski F. A. Kirkpatrick W. L. Howat Verna A. Manley Otis Wood R. R. Daniellson Will Patterson Leola Meachum H. M. Mooman C. A. Denman J. J. Herbert Guy Shaffer Martin Sandwell J. H. Vandiventer Amos Wright J. H. Vandiventer Amos Wright J. H. Vandiventer Martin Sandwell J. H. Vandiventer Martin Sandwell J. H. Vandiventer Marion E. Sparks W. H. Clark H. H. J. Perbert Chas. Hill Ethel V. Manley J. E. Morgan Marion E. Sparks W. H. Clark H. A. Doberdorfer	do	17 11 13
2371	do	Floyd Britton	do	13
2372	do	Mary M. Moss.	do	25 12 55
2373	do	Gertrude Johnson	do	12
2374	do	Orval Snook	do	55
2375	do	Frances E. McClughen	do	3 1 62 20
2376	do	Mra M. Ryan	do	
2377	do	Howard Downing	do	90
2378	do	Wesley Wilson	00	27
2379	do	Asa Denman	do	51
2381	do	Fred Fender	do	51 86 76 78 78
2382	do	Pata Davis	0b	76
2383	do	F. Crathorne	do	78
2384	do	Adolph Langhoff	_do	78
2385	do	John Braanigan	do	80
2386	do	V. R. Barnes	do	78 65 66 67
2387	do	Thomas Butler	do	65
2388	do	Wm. Templin	do	66
2389	do	I. F. Tillotson	do	67
2390	do	August Warmbier	do	58
2391		A. L. Brining	00	52 56
2392	do	Toggo Wyong	do	61
2304	do	T Dochwoldzi	do	60
2305	do	F A Kirknotrick	do	62
2396	40	W. L. Howat	do	33
2397	do	Verna A. Manley	_do	37
2398	do	Otis Wood	do	37 25 18
2399	do	R. R. Daniellson	do	18
2400	do	Will Patterson	do	16 15
2401	do	Leola Meachum	do	15
2402	do	H. M. Mooman	do	64 100
2403	do	U. A. Denman		50
2404	ao	J. J. Herbert	uo	100
2400	uo	Martin Sandwall	do	48 78
2407	uo	T H Vandiventer	do	41
2408	do	Amos Wright	do	80
2409	do	J. H. Miller	do	. 96 . 80
2410	do	S. A. Porter.	do	80
2411	do	Chas. Hill	do	86
2412	do	Ethel V. Manley	do	68
2413	do	J. E. Morgan	do	43
2414	do	Marion E. Sparks	do	68 43 47 96
2415	do	W. H. Clark		96
2416	do	Harry Higgens	J00	84 80
2417	00	C A Dungoth	do	51
2410	uo	Chas Gundlook	do	51 85
2419	uo	F Cunningham	Teams use and works Tanuary	ا
4440	ao	1. • Oummingnam . • • • • • • • • • • • • • • • • • •	1913	133
2421	do	G. E. Frazer	Salary, January, 1913	133 188
2422	do	R. E. Stevens	Wages, January, 1913	12 166
2493	do	H. D. Oberdorfer	Salary, January, 1913.	166
2424	do	Roovers Brothers	Punch and die	
2425	do	F. Cunningham. G. E. Frazer. R. E. Stevens. H. D. Oberdorfer Roovers Brothers. The McCoy Directory Co. Southern Illinois Penitentiary. G. E. Amsbary Co.	Directories	10
2426	do	Southern Illinois Penitentiary.	Limestone dust	42 132
	do		D	120

No.	Date.	Stock Yards Harness & Saddlery Co Swartz Electric Shop. National Engraving Co. John Wyeth & Bro Keuffell & Esser Co Creamery Package Mig. Co Travis Glass Co E. Bartholomew Branhall Range Co General Chemical Co American Blue Print Paper Co. H. J. Green. Watson Kaulkner. G. L. Shaw. T. M. Smith. C. A. Shamel. Ernest Burnham. J. O. Finlay. J. H. McDunnough. A. P. Grout. John McCarty. C. F. Mills. S. B. Smith. W. C. Clark. The Garlock Packing Co A. Barr. Gould Storage Battery Co. Eagle Stamp Works. The Ashcroft Mig. Co. Automatic Electric Co. D. M. Sims, Contractor. American Entomological Co. The Babcock & Wilcox Co. C. Hasler. K. Wilcox. C. F. Mills. C. M. McConn. Clipless Paper Fastener Co. Amzi Godden Seed Co. The Standard Calorimeter Co. Estate of Hiram Sibley. W. D. Bigelow. Gould Directory Co. Halling Brothers Everard Co. W. W. Walls & Co. The Hektograph Mig. & Dup. Co. The Boston Book Co. Jacquin & Co. American Contractor Publishing Co. Chanplain & Co. All Hardware Co. Bennett Leavitt Mig. Co. The Bester Go. C. A. Hall Hardware Co. Bennett Co. John B. Bennett Leavitt Mig. Co. The Hektograph Mig. & Dup. Co. The Boston Book Co. Jacquin & Co. A. Beris. The Urbana Courier Co. American Contractor Publishing Co. Champaign Daily Gazette. F. M. Leslie. Spencer Lens Co. C. A. Hall Hardware Co. Buffalo Meter Co. Illinois State Reformatory Hunter, Rourke & Co. Crane Co. Dallenbach Bros Percival Electric Co. Buffalo Meter Co. Hunter, Rourke & Co. Crane Co. Dallenbach Bros Percival Electric Co. D. Hangan Packing & Snest Metal Works The University of Illinois Supply Store. Lewis Electric Supply Co. The Alexander Lumber Co. U. & C. S. E. Huff & Co. Ernst Hertzberg & Sons. Twin City Roofing & Sheet Metal Works The University of Illinois Supply Store. Lewis Electric Supply Co. The Alexander Lumber Co. U. & Lewis Electric Co. D. Hangan-Pearson Co.	For what.	Amount
	1913.			
2428	Jan. 31	Stock Yards Harness & Saddlery Co	Harness Lamp, etc Half tones	\$ 70 0
2429	do	Swartz Electric Shop	Lamp, etc	3 2 15 0
2430	00	Toba Wyoth & Bro	Chamicals	2 6
2432	do	Kenffell & Esser Co	Tracing cloth Tablets Bottles	
2433	do	Creamery Package Mfg. Co	Tablets	9 2 1 5 145 6 12 1 130 2 109 7 65 4
2434	do	Travis Glass Co	Bottles	145 6
2435	do	E. Bartholomew	Books	12 1
2436	do	Branhall Range Co	Apparatus Supplies Paper Thermometers	130 2
2437	00	A mariage Plus Print Paper Co	Pener	109 7
2439	do	H I Green	Thermometers	35.5
2440	do	Watson Kaulkner	Drugs	35 5 3 4
2441	do	G. L. Shaw	Address	10 0
2442	do	T. M. Smith	do	10 0
2443	do	C. A. Shamel	Services	10 0
2444	do	Ernest Burnham	Addresses Address Professional services	30 0
2445	do	J. O. Finlay	Reference Language	10 0 18 0
2440	ao	A D Grout	Address	15 0
2448	do	John McCarty	do	10 0
2449	do	C. F. Mills	Services	15 0
2450	do	S. B. Smith	Address do Services Address do Packing Brick Batteries Stamp Supplies Electrical supplies Hauling tile Specimens Repairs Leather goods Hardware Hauling cinders Pasture Books do	l ĩŏ ŏ
2451	do	W. G. Clark	do	10 0 10 0 8 3 9 0
2452	do	The Garlock Packing Co	Packing	8 3
2453	do	A. Barr	Brick	9 0
2454	do	Gould Storage Battery Co	Batteries	10 5
2455	do	Eagle Stamp Works	Stamp	2 0 111 2
2400		Automatia Floatria Co	Flootrical graphics	12 5
2458	do	D M Sims Contractor	Hanling tile	11 2 12 6 20 6
2459	do	American Entomological Co.	Specimens	12 6
2460	do	The Babcock & Wilcox Co	Repairs	20 6
2461	do	C. Hasler	Leather goods	18 4
2462	do	K. D. Horrall Hardware Co	Hardware	. 19
463	do	Egyptian Packing Co	Hauling cinders	5 7
464	do	Chris Egginton	Pasture	18 4 1 9 5 7 97 0 18 6
400	do	Condensed's Post Chen	BOOKS	61
467	do	C M McCopp	Books	14.5
468	do	Clinless Paner Fastener Co	Fastener	14 5 3 5 72 0
469	do	Amzi Godden Seed Co	Seed	72 0
470	do	The Standard Calorimeter Co	Wire stems	
471	do	Estate of Hiram Sibley	Rent of land	42 0
472	do	W. D. Bigelow	Dues	2 0
473	do	Gould Directory Co	Directory	6 0
4/4	do	Inling Brothers Everard Co	Binders	48 4 33 7
476	00	Twin City Printing Co	Paper	95
477	do	John B. Bannatt	Sawar nina	2 5 3 7 51 1
478	do	Leavitt Mfg. Co	Iron work	5ĭ i
479	do	The Hektograph Mfg. & Dup. Co	Duplicator, etc	12 1
480	do	The Boston Book Co	Books	31 8 8 5 147 5
481	do	Jacquin & Co	Envelopes, etc	8.5
482	do	A. Bevis.	Wages, January, 1912	147 5
483	do	The Urbana Courier Co	Notice for bids	4 0 5 7
484	do	Champaign Daily Gagatta	A dwartiging	3 5
486	uo	F M Loclio	Picture frames	20 9
4871	do	Spencer Lens Co.	Wre stems Rent of land Dues Directory Binders Lumber, etc. Paper. Sewer pipe. Iron work Duplicator, etc Books. Envelopes, etc. Wages, January, 1912 Notice for bids Printing notice Advertising Picture frames Supplies Hardware Book and disc. Printing Lumber, etc. Pipe, etc. Meat. Hardware	18 9
488	do	C. A. Hall Hardware Co.	Hardware.	18 9
2489	do	Buffalo Meter Co	Book and disc	4 0
490	do	Illinois State Reformatory	Printing	86 2
491	do	Hunter, Rourke & Co	Lumber, etc	84 1
2492	do	Crane Co	Pipe, etc.	22 2
493	do	Dallenbach Bros	Pipe, etc. Meat. Hardware Electrical supplies Lumber: Bookbinding Roofing, etc. Stationery. Lumber, etc. Gas, etc. Supplies. Books and printing.	19 9
7494 240E	do	Control Electric Co	Flootrical supplies	19 5 39 6
1400		S E Huff & Co	Lumber	173 7
2497	do	Ernst Hertzberg & Sons	Bookbinding	233 4
498	do	Twin City Roofing & Sheet Metal Works	Roofing, etc.	49 5
2499	do	The University of Illinois Supply Store	Stationery	52 2
2500	do	Lewis Electric Supply Co	Electrical supplies.	52 2 11 8
2501	do	The Alexander Lumber Co	Lumber, etc.	32.2
2502	do	U. & C. Ry., Gas & Electric Co	Gas, etc.	404 7 49 6
2502	do	Bausch & Lomb Optical Co	Supplies	49 6 956 7
2000				

No.	Date.	To whom.	For what.	Amount.
40505	1913.			
12505 12506	Jan. 31	L. C. Smith & Bros. Typewriter Co Walker & Mulliken. Tablet & Ticket Co. Mittendorf & Kiler. Library Bureau. Illinois State Penitentiary. Bacon Brothers. General Electric Co. G. C. Willis. Taylor Hardware Co. J. H. Doyle. B. A. Strauch. Pantagraph Printing & Stationery Co	Rental Furniture, etc	\$ 27 50 32 62
12507	do	Tablet & Ticket Co	Boxes etc	27 46
12508	do	Mittendorf & Kiler.	Boxes, etc. Linoleum, etc. Cards, etc. Furniture.	27 46 12 12
12509	do	Library Bureau	Cards, etc	10.00
12510	do	Illinois State Penitentiary	Furniture	23 00
12511 $12512$	do	General Floatric Co	Paints, etc. Supplies. Dry goods. Hardware.	23 00 63 15 330 23 6 36 13 02
12513	do	G C Willie	Dry goods	6 36
12514	do	Taylor Hardware Co.	Hardware.	13 02
12515	do	J. H. Doyle	Hardwaredodo Photography Printing, etc. Chemical apparatus Stationery, etc Supplies Slides, prints, etc. Dry goods Books, etc. Repairs Payment on contract.	20 28
12516	do	B. A. Strauch	Photography	9 35
$\frac{12517}{12518}$	do	Pantagraph Printing & Stationery Co	Chamical apparetus	918 13
12519	do	D H Lloyda	Stationary etc	198 16 173 57
12520	do	A. C. McClurg & Co.	Supplies	21 91
12521	do	A. O. Magnuson	Slides, prints, etc	71 07
2522	do	W. Lewis & Co	Dry goods	15 33 108 20 25 12 851 98
2523	do	Bennett's Newspaper & Magazine Agency	Books, etc	108 20
2524	do	The Oliver Typewriter Co	Repairs	25 12
2525 2526	do	C. J. Welch, Contractor	Payment on contract	801 98
2520 $2527$	do	C. P. Smith	Wages, January, 1913do	35 00 64 87
2528	do	G. E. Wright	do	96 00
2529	do	J. H. Doyle B. A. Strauch Pantagraph Printing & Stationery Co. E. H. Sargent & Co. D. H. Lloyde A. C. McClurg & Co. A. O. Magnison W. Lewis & Co. Bennett's Newspaper & Magazine Agency The Oliver Typewriter Co. C. J. Welch, Contractor Rosa-Lee Gaut C. P. Smith G. E. Wright Montgomery Ward & Co. Bausch & Lomb Optical Co. Bronson Barlow The Whitaker Paper Co. C. H. Mills Art Metal Construction Co. Eva B. Batterton W. H. Gilman	do Supplies do Expenses	6 80
2530	do	Bausch & Lomb Optical Co	đo	41.87
2531	do	Bronson Barlow	Expenses	48 90 30 00
2532	do	The Whitaker Paper Co	Towels	30 00
2533 2534	do	C. H. Mills	Expenses  Expenses  Wall stack Furnishing list Slides, etc Expenses	11 44 260 00
2535	do	Eve B Retterton	Furnishing list	1 00
2536	do	W. H. Gilman	Slides, etc.	2.00
2537	do	A. T. Nolan	Expenses	9 45 10 82 32 49
2538	do	Percival & Moorehead	Hardware	10 82
2539	do	Mills Electric Co	Hardware. Electrical supplies. Metal supplies. Labor. Barrel	32 49
2540	do	Monarch Electric & Wire Co	Metal supplies	27 31 5 75
2541 2542	do	Louis Ely	Labor	5 75
2543	uo	Bryon-Morsh Electric Works	Globes	352.05
2544	do	The Roessler & Hasslacher Co.	Uranium	12 30
2545	do	The C. W. Raymond Co	Globes Uranium Machinery	31 00 352 05 12 30 117 50
2546	do	Narraganset Machine Co	Lockers Material Expenses	
2547	do	Wisconsin Lime & Cement Co	Material	20 00 57 37 73 35 11 23
2548 2549	do	C. B. Harrop	Expenses	57 37
2549 2550	00	A. V. Bleminger	do	75 55
2551	do	Croshy Steam Gage & Valve Co	Supplies	22 58
2552	do	H. V. Roberts	Cards	23 58 73 40 28 86 27 63
2553	_do	J. T. Rverson & Son	Steel	28 86
2554	do	The Elliott Co	Machine	27 63
2555	do	The Whitaker Paper Co. C. H. Mills. Art Motal Construction Co. Eva B. Batterton. W. H. Gilman. A. T. Nolan. Percival & Moorehead. Mills Electric Co. Monarch Electric & Wire Co. Louis Ely. A. D. Cook. Bryan-Marsh Electric Works. The Roessler & Hasslacher Co. The C. W. Raymond Co. Narraganset Machine Co. Wisconsin Lime & Cement Co. C. B. Harrop. A. V. Bleiminger. A. Ten Broeck. Crosby Steam Gage & Valve Co. H. V. Roberts. J. T. Ryerson & Son. The Elliott Co. The Linde Air Products Co. Eastman Kodak Co. Leo Solschki. Fernando Fe. Maggs Bros. Otto Harrassowitz. F. Ricker. Lallie Surveying Instrument Co. N. F. McGirr. E. W. Walker & Sons. Th. Smith. Leavitt Mig. Co. Standard Oil Co. Walker & Mulliken. The V. D. Anderson Co. Hunter, Rourke & Co. Eberhard Faber. S. E. Huff & Co. Eimer & Amend The Saffell Co. The Burt Co. J. B. Bennett. Laura B. Evans.	Expensesdododododododododododododododododododododododododododododododododododo	4 00
2556 2557	do	Eastman Kodak Co	Films	8 00 16 20
2558		Fernanda Fa	DOOKS	10 20 51 97
2559	do-	Maggs Bros	do	51 87 48 76
2560	do	Otto Harrassowitz.	.d0	34 86
2561	do	F. Ricker	do	7 74 20 00
2562	do	Lallie Surveying Instrument Co	Tape	20 00
2563	do	N. F. McGirr	Book	1 05
2564	do	E. W. Walker & Sons	Horses	487 50
2565 2566	do	T. M. Smith	Supplies	525 00 147 47
2567	do	Standard Oil Co	Oil	46 60
2568	do	Walker & Mulliken	Furniture	46 60 100 36
2569	do	The V. D. Anderson Co	Apparatus	21 38 24 66
2570	do	Hunter, Rourke & Co	Lumber	24 66
2571	do	Eberhard Faber	Pencils	19 87
2572	do	S. E. Hull & Co.	Lumber	69 50
2573 2574	do	The Saffell Co	Oll Furniture Apparatus Lumber Pencils. Lumber Supplies Hardware Iron work	17 05 49 95
2575	do	The Burr Co	Tron work	331 30
2576	do	The Burr Co. J. B. Bennett Laura B. Evans.	Iron work Labor and material Expenses	95 96
2577	do	Laura B. Evans.	Expenses.	95 96 115 70
2578	do	Bacon Bros	Supplies	81 54 290 92
2579	do	Paul Gottschalk	Books	290 92
2580	do	Bacon Bros Paul Gottschalk L. T. Brownfield G. E. Stechert & Co.	Supplies Books Supplies Books	8 65 73 97
2581	do	Ways Scott	Lecture	73 97
2583	do	Neva Scott	Services and expenses	5 00 35 00
		TOT ~ \$100	NOT 12000 WITH OWNORDS	30 00

0.	Date.	To whom.	For what.	Amou
1504	1913.	H. P. Rusk Mrs. H. O. Rugg John McCullough J. W. Amrine Wm. Hix W. D. Allen Mfg. Co Art Metal Construction Co. General Electric Co. Ge. Banta Publishing Co. G. W. Matheny A. A. Hinkley. George Conover George Postel D. H. Stevenson John Reichard. W. F. Handschin Carroll J. Badger F. X. Loeffler H. H. McIntosh G. C. Bainum N. C. Seidenberg C. A. Wold E. N. Drew F. B. Richardson The Champaign Daily Gazette Sauveur & Boylston The Wabash Cabinet Co J. A. Detlefsen H. A. Winter Wilhelm Miller F. M. Simpson H. W. Mumford H. C. Lawson H. E. Brand W. E. Yapp H. A. Harding W. J. Fraser L. Olliver P. Adams C. N. Carver The Boston Book Co.	T	\$ 7
2525	дан. эт	Mrs H O Dugg	Expenses	\$ 7 26 148
2586	do	John McCullough	Services Hay Middlings Labor Supplies Stacks and lockers Electric supplies Printing Expenses Rent do do Expenses Corn Expenses Lexpenses	148
2587	do	J. W. Amrine	Middlings.	388 48
2588	do	Wm. Hix	Labor	48
2589	do	W. D. Allen Mfg. Co.	Supplies	2,047 146 302
2590	do	Art Metal Construction Co	Stacks and lockers	2,047
2591	do	General Electric Co	Electric supplies	146
2592	do	Geo. Banta Publishing Co	Printing	302
2093	do	G. W. Matheny	Expenses	1.1
2094	ao	George Conover	do	20
2506	do	Ganra Postal	do	89 116 44
2597	do	D. H. Stevenson	Expenses	44
2598	do	John Reichard	Corn	62
2599	do	W. F. Handschin	Expenses.	62 59
2600	do	Carroll J. Badger	. do	26
2601	Feb. 3	F. X. Loeffler	Loan	50
2602	do	H. H. McIntosh	do	50
2603	do	G. C. Bainum	do	25
2604	do	N. C. Seidenberg.	.dododododo	150
2005	op	U. A. WOIG.	00	150 200
40U0 2607	00	E. N. Diew	uo	200
2600	Fab 4	The Champaign Daily Cozette	do Advertising Laboratory apparatus Cards Expenses Ribbons Expenses	50
2600	do. 4	Sanyour & Roylston	Lahoratory apparatus	99
2610	do	The Wahash Cahinet Co	Cards	63 16 79
2611	do	J. A. Detlefsen	Expenses	69
2612	do	H. A. Winter	Ribbons	16
2613	do	Wilhelm Miller	Expenses.	79
2614	do	F. M. Simpson.	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	15 20
2615	do	H. W. Mumford	do	15
2616	do	H. C. Lawson	do	20
2617	do	R. E. Brand	do	88
2618	do	W.E. Yapp	do	26
201A	ao	H. A. Harding		48 90
4040 9691	ao	T. Olliston	Photographs	90
2021 9699	do	P Adams	Houling	9
2623	do	C. N. Carver	. do	27
2624	do	The Boston Book Co	Books.	9
2625	do	W. J. Gerhard	do	1
2626	do	N. Y. State Educational Department	do	1
2627	do	H. G Paul	Expenses	18
2628	do	The Hill & Griffith Co	do do Expenses Supplies.	4
2629	do	Wadsworth Core Machinery & Equip		٠.
neon		ment Co	Screws. Cotton seed.	
203U 2621	do	P P Donnelly & Song Co	Printing	0.00
2632	do	The Permitti Syndicate	Water nurifier	2,00
2633	do	Edward Bartow	Expenses	20
2634	do	W. F. Hardy	Hardware, etc.	5
2635	Feb. 6	W. J. Fraser P. Adams C. N. Carver The Boston Book Co. W. J. Gerhard N. Y. State Educational Department H. G. Paul The Hill & Griffith Co. Wadsworth Core Machinery & Equip ment Co. W. H. Long. R. Donnelly & Sons Co. The Permutit Syndicate Edward Bartow W. F. Hardy Kuno Francke G. E. Fraser Mrs. Jennie Barlow. The Burr Co. A. J. Booker Nellie E. Goldthwaite Emma Felsenthal R. H. Brewer	Water purifier Expenses Hardware, etc Honorarium	2, 38 150 24 99 177
2636	do	G. E. Frazer	Expenses	3
2637	do	Mrs. Jennie Barlow	Honorarium Expenses. Wages, January, 1913 Labor and materials. Wages, January, 1913 Expenses Balance salary, January, 1913 Milk .do .do .do	173 60 1,35 6 5 1
2638	do	The Burr Co	Labor and materials	1,35
2639	do	A. J. BOOKET	wages, January, 1913	6
404U	rep. 7	Emma Folganthal	Polones solony Tonyony 1019	5
2041 2642	do	R H Brower	Mile	1 3
2643	do	C. Ross	_do	1 1
2644	- do	George Schiff	ldo	2
2645	do	H. C. Kaufman	ldo	1 7
2646	do	Len Rayburn	do	2
2647	do	E. Grove.	do	-
2648	do	L.P. Rayburn	do	2
2649	do	B. Jordan	do	2
<b>2</b> 650	do	U. J. Gillespie		1 .
2051	ao	J. F. HOY		1
∡002 9659	do	Core Steelers	do	1 1
2653 2654	do	T R March	do	"
$\frac{2654}{2655}$	do	I.E. Hanev	do	
2656	do	T. F. Jordan	-do	5
2657	. do	R. W. Graham	do	"
2658	do do	Remna Felsenthal R. H. Brewer C. Ross George Schiff H. C. Kaufman Len Rayburn E. Grove L.P. Rayburn B. Jordan C. J. Gillespie J. F. Hoy J. C. Anderson Cora Stacker J. B. Marsh J. E. Haney T. F. Jordan R. W. Graham R. W. Graham R. T. Lumsden S. Herriott H. Wascher P. S. Molapase	do	10
2659	do	S. Herriott	do	:
2660	do	H. Wascher R. S. McInnes	do	
	1 3 -	D C MoInnea	1 40	

ю.	Date.	To whom.	For what.	Amou
2000	1913.	D. 17	2677	
2002 2663	Feb. 7	Pearl Hazen	Mik	\$ 22
2664	do	W T Wilson	do	14
2665	do	Pearl Hazen F. W. Howell W. J. Wilson I. H. Besore. Frank Knox G. W. Van Meter L. F. Lindsey. W. Davis. F. H. Busey. S. Guinn C. G. Van Holten R. A. Lumsden Z. C. Keene. G. F. Diefenbach C. A. Fogel. W. C. Welch E. R. Canady. H. Cherry. John McGullough David Wilkins Geo. Herriott. H. J. Moorehouse. Andrew Shields. T. M. Ghere. W. F. Hampton Fred Thompson. A. G. Guard M. Leigh. I. W. Maxwell J. M. Herriott. M. Hudson. C. C. Rayburn T. P. Lyons. J. E. Henderson C. C. Gordon G. M. Seeber L. P. Womacks H. I. Nelson A. E. Grindley A. J. Putscher Van Carter D. W. Shiveley. J. M. Schwengel James Freeman G. Taylor G. Taylor J. A. McCracken J. A. McCracken J. A. M. Gordon W. E. Yeunt W. Massel James Freeman G. Taylor G. Taylor G. Taylor J. A. McCracken J. A. McCracken J. A. M. Gordon W. E. Yount W. H. Gray E. R. Hamm S. Akkinson David Hahn W. E. Leigh Earl Fletcher	do	\$ 22 8 14 11
2666	do	Fronk Vnov	do	8 27 7 3 1 10 20 14
2667	do	G W Von Motor	do	97
2668	do	T. T. Tindsov	do	21
668 669	do	W Davie	do	6
670	do	F H Rusav	do	1 10
670 671	40	S Guinn	do	20
672	do	C. G. Van Holten	do	14
673	do	R. A. Lumsden	do	ii
674	do	Z. C. Keene	do	
675	do	G. F. Diefenbach	do	l š
676	do	C. A. Fogel	'do	984
677	do	W. C. Welch	do	Í
677 678	do	E. R. Canady	do	8 25
679 680	do	H. Cherry	do	4
680	do	John McCullough	do	22
681	do	David Wilkins	do	$1 \frac{12}{12}$
682	do	Geo. Herriott	do	12 28
683	do	H. J. Moorehouse	do	4
684	do	Andrew Shields	do	14
385	do`	T. M. Ghere	do	15
386 387	do	W. F. Hampton	do	15
387	do	Fred Thompson	do	7
688	do	A. G. Guard	do	7 2 7 11 10
689	do	M. Leigh	do	7
690	do	I. W. Maxwell	do	11
690 691	do	J. M. Herriott	do	10
<b>692</b>	do	M. Hudson	do	10 8 10 6 10 9 4 5
693	do	C. C. Rayburn	do	10
694	do	T. P. Lyons	do	6
695	do	J. E. Henderson	do	10
696	do	C. C. Gordon	do	9
697	do	G. M. Seeber	do	4
698	do	L. P. Womacks	do	5
699 700	do	H. I. Nelson	do	4
700	do	A. E. Grindley	do	9
$701 \\ 702$	do	A. J. Putscher	do	7
702	do	Van Carter	do	7
703 704	ao	D. w. Sniveley		10
704		D. D. Desert		1 6
705 706	do	F. F. Dulli		77 77 10 7 3 7 4 11
706 707		T TT Cohmon and		1 4
700		Tomos Fromos		11
708 709		C Towlor	uo	8
710	do	O A MoInnes	do	ျို
711	do	John Weiss	do	1 26
712	do	C. Allen	do	9
712	do	T. A. McCracken	do	J 4
714	do	I A R Koch	do	91
715	do	Wm. Case	do	4 21 15 22 15 7 6 10 2
716	do.	I. H. Gordon	do	22
717	do	W. E. Yount.	do	15
718	do	W. H. Grav	do	7
719	do.	E. R. Hamm.	do	Ė
20	do	S. Atkinson	do	10
721	do	David Hahn	do	2
721 722	do	W. E. Leigh	do	ī
723	do	Earl Fletcher	do	ı ã
724	do	True Drennan	do	
725	do	C. W. Hamm	do	4
725 726	do do Feb. 8	C. M. Van Meter	do	9
7271	Feb. 8	United States Audit Co.	Services	194
728	do	John McCullough	Corn	131 393
29	do	Burroughs Adding Machine Co	Machine	393
30	do	Gertrude E. Moulton	Services	1 14
731	do	Hunter, Rourke, & Co	Lumber	14
32	do	W. H. Gray B. Atkinson David Hahn W. E. Leigh Earl Fletcher True Drennan C. W. Hamm C. W. Hamm C. M. Van Meter United States Andit Co John McCullough Burroughs Adding Machine Co Gertrude E. Moulton Hunter, Rourke, & Co R. W. Braithwaite Corbin Cabinet Lock Co American LaFrance Fire Engine Co The Thermal Syndicate J. W. Stipes J. B. Bennett Twin City Lee & Cold Storage Co Henion & Hubbell American Leather Chemists Assn	Services	70
733 l	do	Corbin Cabinet Lock Co	Keys	8
734	do	American LaFrance Fire Engine Co	Hose supplies	17
7351	do	The Thermal Syndicate	Flasks	18
736	do	J. W. Stipes	Labor	17 18 215
7371	do	J. B. Bennett	Materials	73
738	do	Twin City Ice & Cold Storage Co	Ice	92
739	do	Henion & Hubbell	Spray pump	110
	do		Mambanahin daran	5

Vo.	Date.	To whom.	For what.	Amou
07.41	1913.	C. E. Spicer, Treasurer. Amer Catholic Historical Assn The Special Libraries Assn. A. L. Robinson & Sons. Armour Fertilizer Works. The American Multigraph Sales Co. Wm. Murray. R. W. Braithwaite F. W. Gault Frank Morgan. Wm. Aten. Sr. Central Electric Co. Federal Sign System The Alexander Lumber Co. Crane Co. Library Bureau. D. H. Lloyde. H. F. Chester R. A. Stipes. S. E. Huff & Co. G. E. Stechert & Co. Bacon Brothers. Ernst Hertzberg & Sons. H. A. Hollister Ira L. Rush. H. C. Gilkerson. The Morava Construction Co. A. W. Stoolman, Contractor. English Brothers, Contractors. R. I. Kelley. Esther Plumb O. E. Staples, Chief Clerk. O. E. Stapl		
2741	Feb. 8	C. E. Spicer, Treasurer	Dues	\$ 2 1
2742	do	The Special Libraries Assn	Dugs and subscription	
2744	do	A T. Pohingon & Song	Mares	1,600
2745	do	Armour Fertilizer Works	Meat meal.	86
2746	do	The American Multigraph Sales Co	Supplies	568 149
2747	do	Wm. Murray	Corn.	568
2748	do	R. W. Braithwaite	Services	149
2749	do	F. W. Gault	Expenses	33
2750	do	Frank Morgan	do	7
2751	ao	Wm. Aten, Sr.	Tile of wise 1	3
2752	. do	Endowel Sign System	Electrical supplies	159
2754		The Alexander Lumber Co	Lumber	268 274
2755	do	Crane Co	Steel	24
2756	do	Library Bureau	Supplies	62
2757	do	D. H. Llovde	_do	61
2758	do	H F. Chester	Livery	61
2759	do	R. A. Stipes	Sand and gravel	221
2760	do	S. E. Huff & Co	Lumber	313 149
2761	do	G. E Stechert & Co	Books	149
2762	do	Bacon Brothers.	Paint and oil.	42
2763	do	Ernst Hertzberg & Sons	Bookbinding	305
2704	rep. 10	II. A. HOIIISTEF	T con	1 15
2700	ao	Ha L. Kush	Wegge Tangary 1019	15 50 16
2767	uo	The Morava Construction Co	Payment on contract	18 200
2768	do	A W Stoolman Contractor	do	8 500
2769	do	English Brothers, Contractors	do	18, 205 8, 500 1, 932
2770	do	R. L. Kellev	Expenses.	2
2771	do	Esther Plumb	Recital	307 307 318 300
2772	do	O. E. Staples, Chief Clerk	Sundry bills	307
2773	do	O. E. Staples, Chief Clerk	Freight	315
2774	do	O. E. Staples, Chief Clerk	Snyder payments	300
2775	do	O. E. Staples, Chief Clerk	Express	41 92 466 686 107 76
2776	do	O. E. Staples, Uniei Clerk	Ctudental narmall	192
27770	do	O. E. Staples, Uniei Clerk	do do	600
2770		O. E. Staples, Chief Clerk	Freight	107
2780	do	O. E. Staples, Chief Clerk	Evnrage	76
2781	do	O. E. Staples, Chief Clerk	Men's payroll	671
2782	do	O. E. Staples, Chief Clerk	Students' payroll	493
2783	do	W. W. Lindley, Postmaster	Postage.	493 421 22 24
2784	do	J. M. Rapp	Services and expenses	22
2785	do	A. G. Phillipps	do	24
2786	do	J. W. Folsom	Expenses	23 23 23 19
2787	do	H. Simer		26
2788		C W Poordolov		10
2700		C Boorg	do	2
2701	do	H. S. Cash	do	39
2702	do	W. T. Kemp Assistant Secretary	Reports	3
2793	do	Chivers Bookbinding Co	Books.	13
2794	do	The American Clydesdale Assn	do	4
2795	do	Commercial Club of Chicago	Book	25
2796	do	H. A. Hollister	Expenses	15
2797	do	E. E. Hoskins	do	49
2798	Feb. 12	International Harvester Co	Repairs.	2
2799	do	G. E. Amsbary Co.	Dry goods	50 171
2800	do	Standard Cap & Seal Co	Caps and rings	1 177
2000 2011	do	Post Doing Supply Co	Cork weshers	171
2002	uo	E T Raniamin	Horseshoeing	1 10
2804	do	Michigan Agr. College	Direction sheets	1
2805	do	General Chemical Co	Laboratory supplies	2
2806	do	Hoskins Mfg. Co.	Apparatus	
2807	do	S. M. Udale	Expenses	175 10 25 25 26
2808	do	C. R. Richards	do	8
2809	do	Jacquin & Co	Envelopes	20
2810	do	School Science & Mathematics	Books	€
2811	do	R. A. Richards Co	Ribbons	20
2812	do	Geo. Banta Publishing Co	Express	20
2813	do	The Letter Shop	Typewriting	20
2814	do	Feldman System Mfg. Co	Binding stubs	2
2815	do	The Bigelow Binder Co	Binder	110
2816	do	Illinois Printing Co	Pampniets	11(
	ao	Caute Ligito Co	Mening wisers	33
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	1913.	Johnson Bros J. E. Smith The Journal of Biological Chemistry. C. C. Short. Oldham Brothers. Norton Co. Illimois Press Clipping Bureau. F. O. Dufour Morgans Rug Mfg. Co Southern Illinois Penitentiary. American LaFrance Fire Engine Co. Orr & Lockett Hardware Co. General Electric Co. The Harshaw-Fuller & Goodwin Co. National X-Ray Reflector Co. John Reichard Hoagland's Livery & Garage Burrough's Adding Machine Co. Shavings & Sawdust Co. J. G. Biddle. C. A. Schieren Co. Engineering Record The Engineering Magazine. The Otto Gas Engine Works B. W. Benedict. Jahn & Ollier Engraving Co. The R. W. McCready Cork Co. P. Adams Buffalo Meter Co. Munn & Co. Parker-Russell Mining & Mfg. Co. Illinois Electrical Mfg. Co. Beam Spray Pump Co. Alex Harmon & Son The Lawyers Co-op. Publishing Co. The Carswell Co. J. W. Cadby. The Housekeeping Experiment Station. The Cadmus Book Shop. The McKinley Publishing Co. S. O. Andros. The Lo Shepard Co. Federal Steel Fixture Co. D. Appleton & Co. Ideal Ventilator Co. I. L. Polk & Co.		
2820	Feb. 12	Johnson Bros	Fittings.  Beets and hens.  Subscription	\$ 6
2821	do	J. E. Smith	Beets and hens	5 9
2822	do	The Journal of Biological Chemistry	Subscription	9
2823	do	C. C. Snort.	Beets and hens. Subscription Horse shoeing. Drug supplies. Alundum tubes. Clippings Expenses. Cleaning. Brushes. Nozzles. Supplies. Electrical supplies. Flint. Apparatus. Oats. Service.	11
2824	ao	Oldnam Brotners	Drug supplies	17 22 5 48
2825	do	Norton Co	Alundum tubes	22
2826	do	Illinois Press Clipping Bureau	Clippings	5
2827	do	F. O. Dulour	Expenses	48
2828	do	Morgans Rug Mig. Co	Cleaning	33 12
2829	ao	Southern Illinois Penitentiary	Brusnes	12
2830	ao	American Lafrance Fire Engine Co	Nozzies	3
7697		Orr & Lockett Hardware Co	Supplies	3 7 5 1
002		When the state of the control of the	Electrical supplies	2
800	00	The Harshaw-Fuller & Goodwin Co	FIIII	1
1004	uo	Taba Dajahard	Apparatus	20 30
1000		The glow dig T irrory & Conego	Canvino	3
2830	00	Hoagiand's Livery & Garage	Service	3
1000		Burrough's Adding Machine Co	Carrier	5 75
000		T O Dilil	T -1	140
609	uo	C. A. Schioren Co.	Dalting	148 94
040	uo	C. A. SCHIEFEH CO	A drantising	94
041		The Engineering Megazine	AUVOLUSING	14 12
842	00	The Otto Coa Frains Weeks	Hannan	12
843		The Otto Gas Engine Works	Oats. Service. Carrier. Shavings. Laboratory apparatus. Belting. Advertisingdo. Hopper Expenses Tracings, etc Corks. Hauling coal Meter Book. Fire brick	60 7 107 6 26
844	00	D. W. Belledick	Expenses	107
040		The P W McCreed- Control	Corbs	107
040	uo	D. Adoms	Houling cool	000
947		P. Adams	Mater	40
848		Manager Co	Deals	42
040	do	Pork or Puggell Mining & Mfg. Co.	Fine briefs	42 1 6 69 3 6
800	00	This sig Flootricel Mfm Co	Fire brick. Labor and material	80
280 T		Daniel Congress Drawn Co	Labor and material Repairs Blacksmithing Booksdo	. 09
80Z	00	Alas Tanman & Can	Dia observithing	9
800		The Learning Co on Dublishing Co	Diacksmithing	0
804		The Lawyers Co-op. Fublishing Co	DOOKS	41
800		The Corporall Co		921
855		The Carswell Co		991
857	do	J. W. Cadby	D-11-44	1 4
808		The Housekeeping Experiment Station.	Builetins	1
859		The Cadmus Book Shop	B00K	2
800		THE MCKIMES FURNISHING CO	Dhoto gampling	္
801		D. U. Aligios	Photo supplies	2 41 331 7 1 2 3 5 2 50
002		Tedanal Steal Firsture Co	Chalving	2
600		D Appleton & Co	P col-	90
864 865	do	Ideal Ventiletor Co	. do	3 12
866	dc	D T. Dalk & Co	Directory	12
867	do	Lamelra & Ruschner	Directory. Books.	9
868.	do	The Beek Duplicator Co	Supplies	5 2 6 7
	do	T. F. Forguson	Supplies. Expenses.	9
000	do	Indiananalis Engraving & Floatratuning	TAPPERSOS	•
010		D. Appleton & Co. Ideal Ventilator Co. R. L. Polk & Co. Lemcke & Buechner The Beck Duplicator Co. H. F. Ferguson. Indianapolis Engraving & Electrotyping	Etchings	21
271	do.	D M Sims Contractor	EtchingsPayment on contract	#1 #0
270	do	Folay Mfg Co. Contractors	do	58 1, 472 69
873	Feb 13	H. F. Ferguson. Indianapolis Engraving & Electrotyping Co. D. M. Sims, Contractor Foley Mig. Co., Contractors. Stock Yards Harness & Saddlery Co. Twentieth Century Press Clipping Bureau. R. C. Wagner & Son. J. C. Streibich. John Wyeth & Bro. Diack & Smith G. E. Frazer G. E. Simpson. C. T. Hufford. C. P. Barkman. W. F. Fielder. H. C. Petersen. Jacob White, Contractor. Trinius Olsen Testing Machine Co. F. W. Woolworth & Co. W. W. Lindley. L. Wolff Mig. Co. Swartz Electric Shop. Williams Brothers. The Varsity Print Shop. H. O. James, Secretary. D. Appleton & Co. C. J. Welch, Contractor. N. W. Ayer & Son.	do	-, -1.2
974	do. 10	Twentieth Century Press Clinning	TTGTTTCDG	30
V14		Ritragii	Clippings. Coal. Transfer cases Chemicals Supplies Expenses Loan .dodo .do .do	0
875	do	R. C. Wagner & Sop	Coal	10
876	do.	I. C. Streibich	Transfer cases	-0
277	do	John Wyeth & Bro	Chemicals	2 1
272	do	Diock & Smith	Sunnlies	85
870	ob	G E Frazer	Expenses	62 12
880	do	G E Simpson	Loan	
30U 201	do	C. T. Hufford	do	50 50 100
001	do	C P Barkman	do	50
223	40	W F Fielder	do	100
884	do.	H. C. Petersen	do	50
८०५। ८८५।	do	Jacob White Contractor	. do	65
226	do.	Tinius Olsen Testing Machine Co	Scales etc.	65 292
887	do	F W Woolworth & Co	Pans	202
888	do	W W Lindley	Postage	2 5 7 1
880	do	L. Wolff Mfg. Co.	Drain and tran	5
200	do	Swartz Electric Shop	Sunnlies	1 1
201	do	Williams Brothers	Panar	1
1000	do	The Versity Print Shee	Printing	4 11
002	uo	U O Tomes Secretary	Rook	10
1000	uo	D. Appleton & Co.	Pans. Postage. Drain and trap. Supplies. Paper. Printing. Bookdo Platform. Book.	10
004	uo	C I Wolch Contractor	Diatform	3 8
900	uv	N W Arron & Con	Pools	8 5
	uv	11. 17 . A. yel & DOH	D007	Ð

Vo.	Date.	Dry Grove Farmer's Grain Co. The Urbana Courier Co Ralph Hilscher W. G. Stromquist. Frison Carriage Shop Wm. Sim Drug Co. Standard Oil Co. Leavitt Mig. Co. Flanigan-Pearson Co. J. H. Doyle. A. C. McChurg & Co. Eberhard Faber. Weil Brothers. The University of Illinois Supply Store. J. C. Thomas. W. W. Walls & Co. Boston Book Co. Western Carbon & Ribbon Co. Twin City Printing Co. U. & C. Ry., Gas & Electric Co. The University Press. B. A. Strauch. Walker & Mulliken. Mittendorf & Kiler. Stipes & Hecker. Jacob White. A. M. & L. A. Terwillliger G. W. Sheldon & Co. Green Street Pharmacy E. H. Sargent & Co. E. H. Sargent & Co. E. H. Sargent & Co. Eimer & Amend The American Multigraph Sales Co. W. F. Hardy. Flat Iron Store Co. Electric Coal Co. Bennett's Newspaper & Magazine Agency Bacon Brothers. J. W. Butler Paper Co. National Carbon Co. Illinois State Reformatory. S. E. Huff & Co. Reliable Plumbing & Heating Co. Knowlton & Bennett L. C. Smith & Bros. Typewriter Co. Percival & Moorehead C. A. Hall Hardware Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. R. A. Braithwaite J. W. Stokes H. N. Parker H. W. Corzine C. M. F. Rusk R. J. Rusk R. J. Rales J. H. Randschin J. L. Edmonds W. C. Coffey H. F. Rusk R. I. Kelley J. C. Robinson Geo. Burnap Samuel Harris & Co. G. W. Roseneier W. F. Handschin M. J. Conley W.	For what.	Amour
	1913.			
2897	Feb. 13	Dry Grove Farmer's Grain Co	Oats Printing. Expenses .do Repairs. Supplies Oil Hardware.	\$511
2898	do	The Urbana Courier Co	Printing	3 26
∠อยย วดกก		W C Stromouist	Expenses	18
2901	do	Frison Carriage Shop	Renairs	2
2902	do	Wm. Sim Drug Co	Supplies	2
2903	do	Standard Oil Co.	Oil	27 181
2904	do	Leavitt Mfg. Co	Hardware	181
2905	do	Flanigan-Pearson Co	Hardware. Printing. Hardware. Books. Pencils. Piping, etc. Stationery. Hardware. Lumber	i 83
2906	do	J. H. Doyle	Hardware	26
2907	do	A. C. McClurg & Co	Books	105
2908	do	Ebernard Faber	Pencus	105 28 26
20U0 2010	do	The University of Illinois Carpaix Store	Stationery	20
2011	do	The University of Illinois Supply Store	Hordwore	88 12
2911 2012	do	W W Walle & Co	Tamber	18
2913	do	Boston Book Co	Book	13
2914	- do	Western Carbon & Ribbon Co.	Ribbons, etc	14
2915	do	Twin City Printing Co	Printing.	14 13
2916	do	U. & C. Ry., Gas & Electric Co	Gas, etc	
2917	do	The University Press	Printing	66 4 66 32 21 71
2918	do	B. A. Strauch	Photo work	4
2919	do	Walker & Mulliken	Book Ribbons, etc Printing Gas, etc Printing Gas, etc Printing Photo work Furniture, etcdo Cement Plantering Hardware Duties and charges Supplies Laboratory supplies Cil meal Electrical supplies Laboratory apparatus Services Hardware Supplies Coal Subscriptions Paints, etc Supplies Coal Subscriptions Paints, etc Supplies Go Printing Lumber Supplies	66
2920	do	Mittendori & Kiler	do	32
2921	ao	Supes & Hecker	Cement.	21
4922 9099	00	Jacob White	Flantering	71
∠823 9094		A. M. & L. A. Terwillinger	Duties and charges	14 35 132 20 155
2024 9095		Green Street Phermacy	Supplies	25
2026	do	E H Sergent & Co	Laboratory cumplies	139
2927	do	H McFedden & Bro	Oil meal	20
2928	do	Central Electric Co	Electrical supplies	155
2929	do	Eimer & Amend	Laboratory apparatus	30
2930	do	The American Multigraph Sales Co	Services	i
2931	do	W. F. Hardy	Hardware	16 13 263
2932	do	Flat Iron Store Co	Supplies	13
2933	do	Electric Coal Co	Coal	263
2934	do	Bennett's Newspaper & Magazine Agency	Subscriptions	23
2935	do	Bacon Brothers	Paints, etc	12
2930	do	Notional Carbon Co	supplies	32
2001 2020	do	Illinois State Deformatory	Drinting	258
2020	do	S F Unif & Co	Lumber	200
2940	do	Reliable Plumbing & Heating Co	Supplies	325 188 24
2941	do	Knowlton & Bennett	do	24
2942	do	L. C. Smith & Bros. Typewriter Co	Rental Hardware	13
2943	do	Percival & Moorehead	Hardware	21
2944	do	C. A. Hall Hardware Co	do	21 62 358 221 30
2945	do	G. E. Stechert & Co	Books	358
2946	do	Ernst Hertzberg & Sons	Books Bookbinding. Professional services	221
2947	Feb. 14	R. A. Braithwaite	Professional services	30
⊿948 90⊿∩		J. W. Dickes	Expenses	. 3
⊿ <i>ღ</i> ყყ ეცგე	do	H W Corgina	Loan	
2951	do	C. M. Fuller	do	200 150
2952	do	C. E. Myers	do	150
2953	do	Wilhelm Miller	Expenses	12
2954	do	W. F. Handschin	do	18
2955	do	J. L. Edmonds	do	28 55
2956	do	W.C. Coffey	do	- 58
2957	do	H. F. Rusk	do	10
2958	do	R. I. Kelley	do	1
2959	do	J. U. KODINSON	E Wes.	137
∠ໟ೮Ս ໑0ຂ1	ao	Samuel Barrie & Co	Plates	10 137 137 175
ეციი ⊿უცე	do	G W Rosemajar	Strow	10
2062 2062	40	W C Coffey	Expenses	59 18
2964	do	W. F. Handschin	1 do	19
2965	do	M. J. Conley	d0	7
2966	do	A. N. Abbott	ldo	296
2967	do	University Club	Entertaining guests	27
2968	Feb. 15	J. L. Gardner	Services	40
2969	do	O. E. Staples, Chief Clerk	Payments, dairy products	183
2970	Feb. 18	J. E. Readhimer	Expenses	18 12 6 296 27 40 183 39
2971	do	A. F. Krueger	do	15 30
2972	do	F. A. Pearson.	do	30
2973	do	A. Ten Broeck	Loan	6
2974	00	K. U. Kastler	Dagles	4
	l00	A. Flanagan Co	B00KS	5

0.	Date.	To whom.	For what.	Amou
	1913.	White Line Steam Laundry. W. L. Gray Pitsenbarger & Flynn H. Lasell. H. A. Swits. C. C. Logan. Marine Biological Ass'n. of the United Kingdom. B. E. Powell Leonard Hegnauer M. L. Weisman. The Construction News Co. National Engraving Co. W. C. Wright. W. A. Jones Foundry & Machine Co. Dean Brothers Steam Pump Works. F. Dorner & Sons Co. Martinus Nijhoff. Bertram Dobell Leo S. Olchki. Robert Gaffner & Co. H. V. Goldmann. Alphonse Picard & Fils. Karl W. Hiersemann. Gustaf Fock. State Historical Society of Iowa. N. W. Damm & Son. Otto Harrassowitz. J. A. Burlingame & Co. Max Weg. H. Friedlander & Sohn. The Martindale Mercantile Agency. Andrew Reid & Co., Ltd. Allen F. Moore. H. A. Hollister E. B. Lytle. T. J. Burrill. Heaton's Agency J. E. Whitchurch. H. P. Rusk. Illinois Press Clipping Bureau. W. W. Walls & Co. The A. H. Clark & Co. Illinois State Reformatory. F. K. Robeson. J. R. Wells. A. S. Nelson & Sons Illinois State Penitentiary. Freeman & Brooks, Contractors. Ralph Chaplin. T. E. Lindsey. Emmett Fiscus. C. R. Richards. G. Rapilly. Callaghan & Co. G. E. Stechert & Co.		
976	Feb. 18	White Line Steam Laundry	Washing	\$ 56
1977 1070		Ditambangan & Elwan	Services	30
1070 1070	do	H Locall	Reneiring	g
980	do	H A Swite	Rahhits	,
981	do	C. C. Logan	Expenses	29 29
982	do	Marine Biological Ass'n. of the United	Gnasimena	90
083	do	R F Powell	Evnonces	20 16
984	do	Leonard Hegnauer	do	24
985	do	M I. Waisman	Typing work	20
986	do	The Construction News Co.	Advertising	10
987	do	National Engraving Co	Etchings	20
988	do	W. C. Wright	Services	20
989	do	W. A. Jones Foundry & Machine Co	Hardware	145 119
990	do	Dean Brothers Steam Pump Works	Pump	119
991	do	F. Dorner & Sons Co	Plants	105
992	do	Martinus Nijhoff	Books	50
993	do	Bertram Dobell	do	2
994	do	Leo S. Olchki		105 50 2 2 14
995	ao	Kopert Gaffner & Co	Lamps and clock	14
007	00	Alphanas Disand & File	DOOK	19
000	uo	Vorl W. Hiersemenn	Rooks	10
000	uo	Guetaf Foelz	do	1 1
ากก	do	State Historical Society of Town	do	5
ากา	do	N W Domm & Son	do	57
102	.do	Otto Harrassowitz	do	57 90 27
003	do	J. A. Burlingame & Co.	do	27
004	do	Max Weg	do	24 1(
005	do	H. Friedlander & Sohn	do	24
006	do	The Martindale Mercantile Agency	Directory	10
007	do	Andrew Reid & Co., Ltd	Book	69
800	do	Allen F. Moore	Expenses	69
900	do	H. A. Hollister	do	23
)10	do	E. B. Lytle	do	17
011	do	T. J. Burrill	Allowance	250
012	do	Heaton's Agency	Books	1
014	00	J. E. Wnitchuren	Expenses	37 12
014		Illinois Pross Clinning Purson	Clinnings	5
016	do	W W Walle & Co	Lumber	* 272
017	do	The A H Clark & Co	Books	176
018	do	Illinois State Reformatory	Printing	441
019	do	F. K. Robeson	Dry goods	72
)20	do	J. R. Wells	Expenses	20
)21	do	A. S. Nelson & Sons	Groceries	18 73 1, 740
022	do	Illinois State Penitentiary	Furniture	
)23	do	Freeman & Brooks, Contractors	Payments on contract	1,740
024	Feb. 19	Ralph Chaplin	Expenses	180
J25	do	T. E. Lindsey	Payments on contract. Expenses. Corn. Straw Bill paid Books.	180 56
126	ao	C. D. Bishards	Dill poid	5t
)27		C. Popilly	Books	95
)28	do	Colleghen & Co	DOORS	27 18
)30	do	G E Stochart & Co	do	68
31	do	Central Electric Co.	do. Supplies Hardware Expenses Lectures and expenses	337
32	do	The Burr Co	Hardware	337 118
99	Feb. 21	David Kinley	Expenses	40 225
00	do	Bliss Perry.	Lectures and expenses	225
01	do	Electric Coal Co	Coal	3, 726 117 200
.02	Feb. 22 do	George Poll	CoalStraw	117
.03	do	E. P. Ludwig	Allowance	200
.04	do	H. A. Hollister	Expenses	19
.05	Feb. 24	B. C. Ames	Gauges	80
L06	do	American Steam Pump Co	rump suppnes	7
107	do	Antiquariat Dr. Noite	BOOKS	5
100	do	L W. Partler Bener Co.	Ctationary apparatus	46
109	do	J. W. Builer Paper Co	Supplies	22 46
130 111	do	Chicago Retort & Fire Pries Co	Tile	1
112	do	C. N. Clark & Co.	Allowance Expenses. Gauges. Pump supplies Books. Laboratory apparatus Stationery Supplies Tile Labor	9
113	do	Crane Co	Hardware	33
114	do	J. P. Halev	Cow-peas	24
115	do	Otto Harrassowitz	Books	22
	do	T. E. Lindsey. Emmett Fiscus. C. R. Richards G. Rapilly. Callaghan & Co. G. E. Stechert & Co. Central Electric Co. The Burr Co. David Kinley. Bliss Perry. Electric Coal Co. George Poll. E. P. Ludwig. H. A. Hollister B. C. Ames. American Steam Pump Co. Antiquariat Dr. Nolte. Bausch & Lomb Optical Co. J. W. Butler Paper Co. Central Electric Co. Contral Electric Co. Contral Electric Co. Cincago Retort & Fire Brick Co. C. N. Clark & Co. Crane Co. J. P. Haley. Otto Harrassowitz Leonard Hegnauer Paul Hansen. J. F. Johnson W. W. Lindley, Postmaster.	Hardware. Cow-peas Books. Expenses.	- 9
117	do	Paul Hansen	_do	106
118	do	J. F. Johnson	do	14
	do	W W Tindler Destmoster	Postage.	447

lo.	Date.	To whom.	For what.	Amou
0100	1913.		G 11	
3120	Feb. 24	D. H. Lloyde	Supplies Final payment on machine Wages, Feb. 20-March 20, 1913	\$ 159 100
3121				100
3122	do	C. A. Patton. A. G. Phillips. Bernard Quaritch. Reliable Plumbing & Heating Co. W. H. Rowe. Henry Stevens, Son & Stiles. A. L. Sponsel. G. Broes Van Dort Co. The Western Gas Fixture Co. Western Electric Co. William Bros.	Wages, Feb. 20-March 20, 1913	25
3123	do	A. G. Phillips	Slides	_ 11
3124	do	Bernard Quaritch	Books	136
3125	do	Reliable Plumbing & Heating Co	Supplies	246
3126	do	W. H. Rowe	Services	15
3127	do	Henry Stevens, Son & Stiles	Books	52
3128	do	A L Sponsel	Copying record	1 4
3129	do	G Bross Van Dort Co	Books	36
919A		The Western Con Timber Co	Cumpling	1, 493
2120	do	The western Gas Fixture Co	supplies	1,496
2121	do	western Electric Co	Supplies Glass and curtains.	48
3132	do	William Bros	Glass and curtains	{
3133	do	Gustave Fock	Books	1 7
3134	do	O. E. Staples, Chief Clerk	Sundry bills paid	188
3135	do	O. E. Staples, Chief Clerk	Express bills paid	89
3136	do	O E Staples Chief Clark	Freight hills noid	302
2127		O. E. Staples, Chief Clerk	Ctra dometra	599
3137	ao	O. E. Staples, Uniet Clerk	Students pay roll	598
3138	do	O. E. Staples, Uniei Clerk	Repares to students	431
3139	do	F. J. E. Woodbridge	Lectures and expenses	370
3140	Feb. 28	William Bros Gustave Fock O. E. Staples, Chief Clerk F. J. E. Woodbridge Orr Allyn Dr. Allyn Dr. Aumer D. O. Barto F. C. Bauer S. J. Bole	Salary, February, 1913	70
3141	do	E. Van Alstine	do	150
3142	do	J. P. Aumer	do	150
3149	do	D O Barto	do	166
21//	do	F C Rossor	do	12
7144 7144		T. U. Dauer		120
	do	S. J. Bole Isabel Bevier L.R. Binding J. C. Blair R. E. Brand	ao	
3146	do	Isabel Bevier	do	250
3147	do	L.R. Binding	dó	
3148	do	I C Blair	do	416
3149	40	D E Brand	do	166
91 EA		Olooton Deall	do	114
3190	ao	Steeter Buil	ao	116
3121	do	W. L. Burlison	do	100
3152	do	W. J. Carmichael	do	41
3153	do	H. C. M. Case	do	41
3154	do	Nina B. Crigler	do	120
2155	do	W C Coffor	do	228
0156	uo	W W Crondoll	do	133
9190	ao	W. T Crandan		100
3157	ao	E. Davenport	(ao	500
3158	do	J. A. Detlefsen	do	166
3159	do	R. W. Dickenson	ido	70
3160	do	I. W. Dickerson	do	150
3161	do	H. B. Dorner	do	200
3162	40	C E Duret	do	128
2162	do	T. T. Edmonds	do	166
0100		TO TO TOTAL LANGUAGE	uv	150
2104	do	K. J. T. EKDIAW	<u>q</u> o	100
3702	do	Augusta D. Evans	ao	. 83
3166	do	Georgia Fleming	do	100
3167	do	F. A. Fisher	do	88
3168	do	O. S. Fisher	do	83 166
3169	do	L. E. Foglesong	do	100
2170		W I Fragor	do	291
21771	uo	W Corrett	do	201
11.1	uo	r. w. Garrett	uv	88
11/2	ao	J. J. Gardner	ao	100
173	do	W. B. Gernert	ao	125
3174	do	Charlotte Gibbs	do	125
3175	do	Nellie Goldthwaite	do	166
3176	do	Cora E. Grav	do	110
177	do	L.R. Binding J. C. Blair R. E. Brand Sleeter Bull W. L. Burlison W. J. Carmichael H. C. M. Case Nina B. Crigler W. C. Coffey W. T. Crandall E. Davenport J. A. Detlefsen R. W. Dickenson I. W. Dickenson I. W. Dickenson I. W. Dickenson I. T. Ekblaw Augusta D. Evans Georgia Fleming F. A. Fisher O. S. Fisher L. E. Foglesong W. J. Traser F. W. Garrett J. J. Gardner W. B. Gernert Charlotte Gibbs Nellie Goldthwaite Cora E. Gray H. S. Grindley W. L. Gaines A. J. Gunderson	do	291
170	do /	W. I. Coines	do	150
170	uo	A T Cundengen	do	100
1179	qo	A. J. Gunderson	uo	88
1180	do	A. F. Gustalson	ao	150
3181	do	L. D. Hall	do	22
3182	do	W. F. Handschin.	do	150
1123	do	Leonard Hegnauer	_do	250
12/	40	N W Hanhurn	do	178
101	uu	C C Honbins	do	416
100	uo	O. G. HOPKIIIS	u.v	150
TSO	do	5. v. £101t	uo	150
187	do	E. E. Hoskins	ao	150
3188	do	R. S. Hulce	do	100
3189	do	R. S. Hulce Jas. Hutchinson	do	100
3190	do	M. E. Jahr	ldo	120
2101	40	Jas. Hutchinson. M. E. Jahr W. E. Joseph Oran Keller O. A. Keller L. R. Lang W. R. Leighty C. C. Logan J. W. Lloyd	do	125
0100 TOTO	uv	Over Keller	do	70
9192	do	OTAH Keller	uv	
2183	do	U. A. Keller	Jqo	86
3194	do	L. R. Lang	ao	133
3195	do	W. R. Leighty	do	70 83 133 100
3196	do.	C. C. Logan	do	150
3107	do	I W Lloyd	do	266
3100	40	D MaIntoch	do	208
		1 M. U. III 0 U. S. II	J	200

<b>70.</b>	Date.	To whom.	For what.	Amoun
0100	1913. Feb. 28	Wilhelm Miller H. H. Mitchell D. A. Abrams C. C. Adams R. M. Alden W. C. Allee. C. H. Allen C. W. Alvord L. F. Anderson S. O. Andros June M. Ashley Ruth S. Atwell G. D. Bagley W. C. Bagley W. C. Bagley W. C. Bagley W. H. Bair I. O. Baker R. E. Baker	G-1 T-1 1010	#070
3199	Feb. 28	Wilhelm Miller	Salary, February, 1913do	\$250 125
3201	do	D. A. Abrams	do	133
3202	do	C. C. Adams	do	137 333 120
3203	do	R. M. Alden	do	333
3204	do	W. C. Allee	do	120
3205	do	C. H. Allen	do	30 145 208 150
3206	do	C. W. Alvord	do	145
3207	do	L. F. Anderson	do	208
3208		S. U. Alluros		190
209	do	Ruth S Atwall	do	30
2211	do	G D Regley	Scholarshin Fahruary 1013	25
212	do	W. C. Bagley	Salary, February, 11913	25 291
213	do	Margaret L. Bailey	Fellowship, February, 1913	50 50
214	do	W. H. Bair	Salary, February, 1913	50
3215	do	I. O. Baker	do	333
216	do	R. E. Baker.	do	30 150
3217	do	E. C. Baldwin	do	150
218	do	C. W. Balke	do	183
219	do	Bronson Barlow	do	183 50 30 58 50 100
220	do	ranzy Barger		·\ 30
221	op	J. T. Barrett		58
222	do	D C Porto		100
223	uo	H I Borton	1uo	100
224	do	Edward Bartow	do	250 291 100
220 226	do	S. J. Bates	do	100
227	do	W S. Bayley	do	187
228	do	G. D. Beal.	do	120
229	do	J. H. Beard	do	187 120 120
230	do	J. B. Beck	. do	166 75 60
231	do	Robert Beck	do	75
232	do	J. E. Bell	do	. 60
233	do	B. W. Benedict	. do	291 250
3234	do	Madison Bentley	do	. 250
235	do	E. J. Berg.	do	333 100
236	do	Daisy L. Blaisdell	. do	. 100
237	do	D. S. Blondheim	do	. 116
238	do	Leonard Bloomneid	do	116 120 250 250
239	do	B. H. B000		250
240	do	G P Roomelitor	do	130
241	do	Ethel Bond	do	. 130
242	do	R L Berger	do	. 83 125
244	do	C. V. Bover	do	120
245	do	R. O. Brigham	do	. 60
246	do	Alice D. Brooks	do	. 30
247	do	Morgan brooks	. do	30 250 200
248	do	N. C. Brooks	. do	. 200
249	do	Verna Brooks	. do	. 80
250	do	Elizabeth P. Brush	. ao	. 80
251	do	F. F. Brown		20 183 110
252	do	J. M. Bryant		183
200	ao	A M Buck	do.	150
204	uo	S. T. Buck	do	116
200	do	W E Burga	do	166
257	do	L. V. Burton	do	30
258	do	S. C. Burton	do	30
250	do	H. V. Canter	do	166
260	do	A. P. Carman	do	166 333 208
261	do	D. H. Carnahan	do	. 208
262	do	F. W. Carpenter	do	. 166
263	do	G. E. Carscallen	. do	166 75 125
264	do	H. Y. Carson	do	. 125
265	do	Roy Carter	do	100
266	do	A. K. Chittenden	. go	229 120
267	do	E. W. Chittenden	. do	. 120
268	do	Edwin Walworth		. 50
269	do	U. R. Clark		166 30 416
270	op	K. A. Ulark		. 30
2/1	ob	T. A. Clark	40	416
212	uo	Alaxandar Cohn	do	250
2/3	ao	A C Colo	do	10 130
2/4	uo	Vide T. Colling	do	90
278	do	H. H. Barton H. J. Barton Edward Bartow S. J. Bates. W. S. Bayley G. D. Beal J. H. Beard J. H. Beard J. H. Beard J. H. Beard J. B. Beck Robert Beck J. E. Bell B. W. Benedict. Madison Bentley E. J. Berg Daisy L. Blaisdell D. S. Blondheim Leonard Bloomfield B. H. Bode E. L. Bogart G. P. Boomsliter Ethel Bond R. L. Berger C. V. Boyer R. O. Brigham Alice D. Brooks Morgan brooks N. C. Brooks Werna Brooks Verna Brooks Verna Brooks Verna Brooks Verna Brooks Verna Brooks S. J. Buck V. A. Buchen A. M. Buck S. J. Buck W. E. Burge L. V. Burton S. C. Burton H. V. Canter A. P. Carman D. H. Carnahan P. W. Carpenter G. E. Carscallen H. Y. Carson Roy Carter A. K. Chittenden Edwin Walworth C. R. Clark K. A. Clark T. A. Clark T. A. Clark T. A. Clark T. A. Collins Chester Turner A. F. Comstock Constock Collins Chester Turner A. F. Comstock	do	45
277	do	A F Comstock	do	45 180
	• • uv • • • •	TT. T . COTTIDUOUS	1	1 100

۱o.	Date.	To whom.	For what.	Amou
	1913.			
3278	Feb. 28	H. P. Corson	Salary, February, 1913	\$100
3279	do	F. K. Cowley. Jennie A. Craig.	do	120
3280	do	Jennie A. Craig	do	75
3281		A. R. Cratnorne	ao	141
3282		H. L. Creek		120
3283	do	B. H. Crowder	do	15
3284	do	W. E. Cummins	do	15
3285	do	Florence R. Curtis	do	110
3286	do	B. H. Crowder W. E. Cummins. Florence R. Curtis A. M. Daniels. Juanita E. Darrah Lloyd Davis. R. E. Davis. B. S. Davisson W. B. Day E. H. Decker J. A. Dent.	do	300
3287	do	Juanita E. Darran	do	10
3288	do	Lloyd Davis	do	30
3289 3290	do	R. E. Davis	00	100
3291		D. B. Davisson	do	50
3292	do	W. D. Day		203
3293		L. H. Decker		250
3294	do	W W Donton		150
2205	do	O C Device		120
929U	do	E D Downson		141
$3290 \\ 3297$	do	L. R. Dewshup		250
2200	do	W E Dodd	uo	80
2200	do	N F Dodge	uo	166
3300	do	A B Demonsize	do	250 128
2201	do	E. H. Decker J. A. Dent. W. W. Denton. C. G. Derick. E. R. Dewsnup. J. K. Ditchy. W. F. Dodd. D. K. Dodge. A. B. Damonske. G. W. Dowrie	do	128
33U0 000T	do	W. W. DOWIIO		1 00
2202	do	F. K. W. Drury	do	166 229
33U\ 9009	do	J. C. Duncan F. O. Dufour	do.	100
ろろしょ	do	T M Duncon	do	166
33U6 9909	do	J. M. Duncan R. S. Dunham	do	10
3307	do	Fannia Dunlan	do	56
	do	Fannie Dunlap	do	91
3300	do	H. H. Dunn R. A. Dutcher	do	
331A	do	E S Femos	do	130
3311	do	F T Phorael	do	30
3313	do	Wm C Fole	Followship Folymory 1012	50
2212	do	Forl Moonach	Colory Fobracry 1019	60
2214	do	W F Flyblow	do	60
3315	do	Fraderick Ellie	do	150
2216	do	R. A. Dutener H. S. Eames E. T. Ebersol Wm. C. Eels Earl Meenach W. E. Ekblaw Frederick Ellis Arnold Emch	do	166
2217	do			
3318	do	E W Engle	do	30
3319	do	M. L. Enger E. W. Engle N. E. Ensign L. B. Ermelling	do	120
3320	do	L B Ermeling	do.	20
3321	do	I A Fairlie	do	250
3322	do	J. A. Fairlie L. T. Fairhall	do.	30
3323	do	B. N. Fargo	do	50
3324	do	S. P. Farwell	do	140
3325		E. C. Faust	do	60
3326	do	Mary E. Fawcett	do	166
3327	L-1:do	Winifred Fehrenkamp	do	68
3328	do	Emma Felsenthal	do	7
3329	ldo	R. F. Ferguson	. do	60
3330	do	E. E. Fiero	do	4
3331	do	E. J. Filbey	do	166
3332	do	I. W. Fisk	do	120
3333	do	L. T. Fairhall R. N. Fargo. S. P. Farwell E. C. Faust Mary E. Fawcett Winifred Febrenkamp Emma Felsenthal R. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan	. do	208
3334	do	E. B. Flanigan F. L. Fleener V. R. Fleming	. do	. 80
3335	do	F. L. Fleener	. do	40
3336	l do	V. R. Fleming.	. do	12
3337	1do	C. H. Fletcher	, ao	. 16
3338	1 - do	G. T. Flom	do	208
3339	do	J. W. Folsom	l. do	166
3340	do	S. A. Forbes	. do	. 4
3341	do	G. S. Ford	. ao	.i 250
3342	do	G. E. Frazer	ldo	. 300
3343	do	J. A. Frisk	do	9:
3344	1do	Edward Fulton	do	178
3345	do	J. W. Garner	. ao	250
3346	do	N. B. Garver	do	. 1_0
3347	do	James O'Brien	do	. 50
3348	do	Rosa-Lee Gaut	do	. 38
3349	do	H. L. Gill	do	. 200
2250	l do	C E Gillett	do	1 20
3351	do	Hugh Glasgow	do	. 69
3352	do	Hugh Glasgow E. A. Glenz H. F. Godeke	do	10
3353	do	H F. Godeke	do	120
.55504	l d 0	JIIIIIS GOODEL	1 . 00	. 271
.ฮฮออ	Jao	H. F. Gonnerman	ao	, 120
	مة ا	G. A. Goodenough	do	250

Го.	Date.	To whom.	For what.	Amou
	1913. Feb. 28			
3357	Feb. 28	Elmer Jenkins. T. G. Goodwin W. F. M. Goss. F. S. Goulding Bessie R. Green. Frederick Green E. B. Greene T. H. Guild J. E. Guthberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale R. G. Hall	Salary, February, 1913	\$ 55
358	do	T. G. Goodwin	do	'90
359	do	W. F. M. Goss	do	500 133
360	do	F. S. Goulding	do	133
361	do	Bessie R. Green		60
362	do	Frederick Green	ao	291 378 128
303	ao	E. B. Greene		378
304	do	T. H. Gulld	00	128
300		Alta Carring	00	00
300	do	Alta Gwinn	00	80 141 50
007		T. F. Hadermeyer	Followship Folymony 1019	141
200	uo	Ctollo M. Homa	Solony Fobruary 1019	90
270	do	D C Holes	Salary, repruary, 1913	80 120 250
370		W. C. Hake	00	120
071		D C Hall	00	200
3/2	do	K. G. Hall	00	30 170 250 90
3/3	do	L. G. Hana		170
3/4	ao	Paul Hansen	do	250
3/5	ao	Sada Harbarger	qo	90
376	ao	A A. Harding	do	150
3//	do	U. A. Harker	00	333
3/8	do	E. U. Hayes	ao	150 333 233 60
379	do	H. G. Hake W. G. Hale R. G. Hall L. G. Hana Paul Hansen Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. E. Hilds Wilhelm Hirshkind Jacob Hodnefield Jacob Hodnefield M. A. Hollinghodd M. A. Hollinghodd	qo	60
1085	do	G. W. Heitkamp	qo	40 50 88 76 30 50 100 60 80 100
581	do	ғ. E. Held	ao	50
382	do	W. S. Hendrix	do	88
383	do	Margaret Herdman	do	78
384	do	R. W. Hess	[do	30
385	do	C. K. Hewes	do	50
386	do	F. E. Hill	do	80
387	do	Ralph Hilscher	do	100
388	do	M. E. Hinds	do	60
389	do	Wilhelm Hirshkind	do	80
390	do	Jacob Hodnefield	do	100
391	do	H. C. Hohman	do	20
392	do	M. A. Hollinshead	do	229 60
393	do	H. A. Hollister	do	229
394	do	E. E. Hollman	do	60
395	do	B. R. Honevski	do	60
396	do	B. S. Hopkins.	do	120
397	do	J. W. Hornbeck	do	60 120 100
398	do	Jacob Hodnefield H. C. Hohman M. A. Hollinshead H. A. Hollinshead H. A. Hollister E. E. Hollman B. R. Honevski B. S. Hopkins J. W. Hornbeck C. R. Horrell C. F. Hottes H. A. Houston J. E. Huber H. L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James L. V. James C. E. Janes C. E. Janvrin Alice Johnson	do	20 208 50 25 50 25 100
399	do	C. F. Hottes	do	208
400	do	H. A. Houston	Fellowship, February, 1913	50
401	do	J. E. Huber	Scholarship, February, 1913	25
402	do	H. L. Huenink	Salary, February, 1913	50
403	do	G. A. Huff	do	250
404	do	R. K. Hursh	do	100
405	do	Margaret Hutchins	do	75
406	do	Edmund J. James	do	1,000
407	do	L. V. James	do	130
408	do	C E. Janvrin	do	37
109	do	Alice Johnson	do	70
110	do	McElroy Johnston	áo	170
111	do	н. s. V. Jones	ao	1,000 130 130 170 170 150
112	do	isapei Jones	ao	110
113	do	L. T. Jones.	ao	
114	do	Kaipn Jones	ao	90
115	ao	K U. Jones.	qo	160
Tö	go	K. T. Jones	ao	140
17	do	ப். ப். Jordan	ao	100
18	do	J. C. Jordan	qo	100
119	do	Emma K. Jutton	ao	100
20	ao	J. B. Kaiser	qo	100
21	go	Oliver Kamm	ao	-60
22	ao	Eleanor G. Karsten	ao	100
23	do	U. F. Kelley	ao	90 160 140 100 100 100 60 130 140 80
24	do	J. M. Keilogg	ao	140
25	ao	Kutu Kelso	ao	80
126	do	A. J. Kempner	ao	130
127	do	K. E. Kennedy	ao	110
128	do	Enrst Kessler	ao	60
129	do	V. A. Ketcham	ao	150
430	do	Arthur Kiernan	ao	60
431	do	L. V. James. C. E. Janvrin Alice Johnson McElroy Johnston H. S. V. Jones Isabel Jones L. T. Jones R. G. Jones R. C. Jones R. C. Jones R. T. Jones H. H. Jordan J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellogg Ruth Kelso A. J. Kempner R. E. Kennedy Enrist Kessler V. A. Ketcham Arthur Kiernan A. H. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florence M. Kirkup	ao	60 150 60 140 120 75 500
432	do	S. F. Kimball	ao	120
433	do	Margaret L. Kingsbury	do	.75
134	do	David Kinley	do	500
	4	Florence M. Wirlam	do	100

ю.	Date.	To whom.	For what.	Amou
1400	1913.	C. T. Knipp. J. F. Kohout. A. H. Koller. A. P. Kratz. E. V. Kratz. E. V. Kratz. E. V. Kratz. Jakob Kunz. Martha J. Kyle. E. M. R. Lamkey. E. J. Lake. Marion C. Landee. W. F. Langelier. E. T. Lanham L. M. Larson. H. H. Lauer. T. E. Laying. E. H. Leslie. O. E. Lessing. O. A. Leutwiler. I. H. Lillihei. F. C. Lincoln. R. H. Linkins. C. M. Linsley. Simon Litman. F. C. Loring. C. A. Ludwig. H. T. Lundquist. E. B. Lytle. Ellen S. McCarthy. Lois D. McCobb. A. B. McDaniel. Rudolph McDermet. D. F. McFarland. C. G. McArthur. Wallace MacFarland. C. G. McArthur. Wallace MacFarlane. A. D. MaoGillvray D. A. Maolinis. C. W. Malcolim. G. E. Manney. E. J. Manley. F. M. Mann. F. W. Marquis. G. R. Martin. M. S. Mason. J. M. Mathews. G. H. Meyer. E. B. Miller. H. H. Millard. G. A. Miller. H. F. M. Moore. G. H. Meyer. E. B. Miller. H. F. W. Miller. H. F. W. Moliman. H. C. Moore. H. F. W. Moore. C. H. Miller. H. F. W. Moore. C. H. Moore.	G.I. Tala	
3436	Feb. 28	C.T. Knipp	Salary, February, 1913	\$208
3437  2420	do	J. F. Konout	do	100
2430	do	A. D. Kratz	do	100 100 25
3440	do	E V Kratz	Scholarship February 1913	25
3441	do	A. C. Krev	Salary, February, 1913	140
3442	do	Jakob Kunz	-do	208
3443	do	Martha J. Kyle	do	208 120
3444	do	E. M. R. Lamkey	do	60
3445	do	E. J. Lake	do	150 · 90 100
3446	do	Marion C. Landee	do	90
3447	do	W. F. Langeller		100
2440		E. T. Lannam	do	105
2450	ao	L. M. Larson	do	216 150 30
2451	uo	T T Loving	do	190
452	do	E H Leslie	do	30
453	do	O. E. Lessing	do	233
3454	do	O. A. Leutwiler	_do	233 200
3455	do	I. H. Lillihei	do	90
3456	do	F. C. Lincoln	do	166
3457	do	R. H. Linkins	do	30
458	do	C. M. Linsley	do	21
3459	do	Simon Litman	do	183
460	do	F. C. Loring.	do	120 30
461	do	C. A. Ludwig	do	30
462	do	H. T. Lundquist	do	50
403	ao	E. B. Lytle	do	133 120
191	uo	Lois D. McCobb	do	120
466	uo	A B McDoniel	do	208
467	do	Rudolph McDermet	Fellowship February 1013	50
468	do	D F McForland	Salary Fabruary 1012	50 150 150 30
469	40	C G McArthur	do	150
470	do	Wallace MacFarlane	Fellowship, February, 1913	30
471	do	A. D. MacGillyray	Salary, February, 1913	208 120
472	do	D. A. MacInnis	do	120
473	do	C. W. Malcolm	do	150
474	do	G. E. Maney.	Fellowship, February, 1913	50
475	do	E. J. Manley	Salary, February, 1913	77 333
476	do	F. M. Mann	do	333
477	do	F. W. Marquis	do	150 110 110 50 133 208 60 110
478	do	O. R. Martin	do	110
479	do	M. S. Mason	Fellowship, February, 1913	100
480		J. M. Matnews	Salary, February, 1913	133
401		F B Millard	[do	208
102	do	E. D. Millard	do	11/
484	do	G A Millor	do	250
485	do	H W Miller	do	150
486	do	R. N. Miller	do	36
487	do	W. S. Miller	do	12
488	do	C. H. Mills	do	250 150 35 125 208 130
489	do	Brainerd Mitchell, Jr	do	130
190	do	Margaret Mitchell	do	8
491	do	F. W. Mohlmann	do	60
192	do	H. C. Moore	ao	208 110
193	do	H. F. Moore	ao	208
105		U. H. MOOTO	d0	110
106		Ruby Moore E. W. Morphy B. C. Morsė. Wm. E. Mosher	do	20
107	do	R C Moreo	do	120 48
100	do	Wm E Moshar	Fellowship February 1012	50
490	do	C. M. Moss	Salary February 1912	250
500	do	Gertrude Moulton	do	116
501	do	C. F. Nelson	do	100
502	do	W. S. Nelson	do	116 100 30
503	do	Allan Nevins	do	80 85 140
504	do	C. R. Newell	do	85
505	do	C. E. Noerenberg	do	140
506	do	W. A. Noyes	do	333
507	do	Catherine S. Oaks	do	65 229
508	do	W. A. Oldfather	do	229
509	do	H. L. Olin		50
510	do	T. E. Oliver		229 50 208 30 208 120
510		Ruby Moore. E. W. Morphy. B. C. Morse. Wm. E. Mosher. C. M. Moss. Gertrude Moulton. C. F. Nelson. WS. Nelson. Allan Nevins. C. E. Noerenberg. W. A. Noyes. Catherine S. Oaks. W. A. Oldfather. H. L. Olin. T. E. Oliver. A. W. Owens. R. B. Paine. L. G. Painter. Rosalie H. Parr.		30
OLZ .	uo	T. C. Pointon		208
510				

lo.	Date.	To whom.	For what.	Amou
	1913.	S. W. Parr Adah Patton H. G. Paul A. S. Pease J. C. Pendleton Alvah Peterson G. W. Pickels J. N. Pomeroy C. M. Poor F. M. Porter R. S. Potter Anton Prasil A. L. Prickett D. C. Prince B. S. Radcliffe G. H. Radenbaugh Otto Rahn Otto Rahn Otto Rahn Otto Rahn J. W. Reed P. J. Rebman E. J. Reece F. W. Reed P. J. Reitner F. W. Reed P. F. Reiff C. R. Richards N. C. Ricker H. L. Rick W. S. Robertson M. H. Rolinson C. W. Rolie S. A. Rowland H. O. Rugg George Rutledge L. R. Sarrett T. E. Sarvest T. E. Sarvest S. H. Scherfee E. C. Schmidt H. E. Schmeider Clarence Scholl W. S. Scherfee E. C. Schmidt H. E. Schmeider Clarence Scholl W. S. Schulz G. F. Schwartz		
3515	1913. Feb. 28	S. W. Parr	Salary, February, 1913	\$291
3516	do	Adah Patton	do	83 166 208
3517	do	H. G. Paul	do	166
2510 9019	do	A. S. Pease	do	208 85
3520	do	Alvah Patarson	do	130 183 130 130 130 130
3520 3521	do	G W Pickels	do	130
3522	do	J. N. Pomerov	-do	183
3523	do	C. M. Poor	do	130
3524	do	F. M. Porter	do	130
3525	do	R. S. Potter	do	50
3526	do	Anton Prasil	do	10
3527	do	A. L. Prickett	do	43 25 80 90
3528	do	D. C. Prince	Scholarship, February, 1913	25
3029 2520	00	C. H. Dodonbough	Salary, February, 1913	80
3521	do	Otto Pohn	do	166
3532	do	O A Randolph	do	80
3533	do	W. H. Rayner	do	110
3534	do	J. W. Reed	do	166 80 110 50
3535	do	P. J. Rebman	do	80 150 140
3536	do	E. J. Reece	do	150
3537	do	F. W. Reed	do	140
3538	do	P. F. Reiff	do	50
3539	do	E. A. Rich	do	50 40 150 333
5540	do	J. L. Rich	do	150
5541	do	U. K. Richards	do	333
5542	ao	N. U. KICKET		291
25//		W S Pobortson	do	100
254F	do	M H Rohinson	do	333 291 150 166 250 250 60 120
3546	do	C W Rolfa	do	250
3547	do	S A Rowland	do	60
3548	do	H. O. Rugg	.do.	120
3549	do	George Rutledge	do	60
3550	do	L. R. Sarrett	do	80 166 83
3551	do	T. E. Savage	do	166
3552	do	Olive F. Saxton	do	83
3553	do	S. H. Scherfee	do	30 291 30
3554	do	E. C. Schmidt	do	291
3000	do	H. E. Schmeider	do	30
2557	do	Ularence Scholl	00	166
2552	do	G F Schwortz	do	10 166 158 183
3559	40	F W Scott	do	183
3560	do	D. L. Scroggin	do	120 60 140
3561	do	G. W. Sears.	do	60
3562	do	F. B. Seelev	do	140
3563	do	R. S. Seese	Scholarship, 1913	. 25
3564	do	N. C. Seidenberg	Salary, February, 1913	. 15
3565	do	A. R. Seymour	do	. 166
5566	do	I. B. Shaw	do	187
000/	ao	Queen L. Snepnerd	00	80
2560 2560	ao	C A Cheek	00	200
いしり	do	C W Signart	do.	100
3571	do	Signal I. Simmering	Fellowship February 19 3	30
3572	do	Frances Simpson	Salary, February, 1913	186
3573	do	G. E. Simpson	-do	10
3574	do	C. H. Sisam	do	158
3575	do	W. A. Slater	do	. 12
3576	do	Adella C. Smith	do	. 60
3577	do	Constance Barlow-Smith	do	. 160
3978	do	G. M. Smith	do	. 133
5579	do	Frank Smith	do	. 20
5580	do	J. E. Smltn		123
2001	op	U. H. Smith		. 198
4082 2509	ao	J. M. DIOUgrass	uu	166 187 188 188 86 266 100 166 166 166 133 208 122 99 177 88
0086 2504	ao	WILL HOUGH	uu	- 8
0004 3505	do	Tool Stabbins	do	1 10
3596	do	Sahra Stavans	do	109
3587	do	R K Steward	do	13
3588	do	C. L. Stewart	do	. 50
3589	do	H. H. Stoek	do	104 55 130 - 50 333
3590	do	S. H. Scherfee. E. C. Schmidt. H. E. C. Schmidt. H. E. Schmeider. Clarence Scholl. W. S. Schulz. G. F. Schwartz. F. W. Scott. D. L. Scroggin. G. W. Sears. F. B. Seeley. R. S. Seese. N. C. Seidenberg. A. R. Seymour. I. B. Shaw. Queen L. Shepherd. S. P. Sherman. G. A. Shook. C. W. Sievert. Siebelt L. Simmering. Frances Simpson. G. E. Simpson. G. E. Simpson. G. H. Sisam. W. A. Slater. Adella C. Smith. Constance Barlow-Smith. G. M. Smith. Frank Smith. J. E. Smith. O. H. Smith. J. E. Smith. O. H. Smith. J. M. Snodgrass. W. M. Hough. O. O. Stanley. Joel Stebbins. Sabra Stevens. R. K. Steward. C. L. Stewart. H. H. Stock. J. W. Stokes. E. B. Stouffer. E. K. Strachan. Lillian Strong.	Fellowship, February, 1913	50 130
3591	do	E. B. Stouffer	Salary, February, 1913.	130
3592	do	E. K. Strachan	do	. 100
		T 2114 CA	l do	. 50

0.	Date.	W. G. Stromqusit. R. T. Stull. Horace Stunkard. Emerson Sutcliff. A. H. Sutherland. A. N. Talbot. F. W. Tanner S. C. Taylor. W. H. Taylor. H. R. Thomas. C. M. Thompson. D. G. Thompson. J. G. Thompson. J. G. Thompson. J. G. Thompson. Lambert Thorp. A. J. Tieje. A. J. Todd. E. J. Townsend. L. L. Townsend. L. L. Townsend. E. J. Townsend. Edna A. Treat. H. D. Valentine. H. J. Van Cleave. H. J. Van Cleave. H. J. Van Genen. J. N. Vedder. C. G. Vernier. E. H. Waldo. H. B. Ward. E. H. Waldo. H. B. Ward. E. H. Warner. A. R. Warnock. E. W. Washburn. F. R. Watson. H. C. P. Weber. N. A. Wells. N. A. Weston. Mary M. Wetmore. J. M. White. J. H. Whitten. E. A. Wildman. C. C. Wildman. C. C. Wildman. C. C. A. Williams E. H. Williams E. H. Williams F. G. Williams F. G. Williams F. G. Williams F. G. Williams P. L. Windsor R. M. Winger. W. J. Wohlenberg. P. S. Woodward I. M. Wormser A. B. Wright Ola M. Wyeth T. D. Yensen. Jacob Zeitlin. Charles Zeleny H. F. Zoller J. E. Ackert. F. H. Adler Josephine E. Burns Margaret V. Cobb Edna L. Forrey. D. L. Geyer J. W. Good E. A. T. Kircher. P. A. Lehenbauer H. H. McGregor L. C. Mickell A. W. Poreutt A. R. Welliams Ale W. Brumfiel F. C. Riley Clarissa Rinaker Irma E. Volgt. P. S. Welch R. W. Brumfiel F. E. Clark Jesse L. Conel.	For what.	Amou
_	1913,			
594	Feb. 28	W. G. Stromqusit	Salary, February, 1913	\$100
595	do	R. T. Stull	do	200
596	do	Horace Stunkard	do	30
597	do	Emerson Sutcliff	do	30 30 80 150
598	do	A. H. Sutherland	do	150
599	do	A. N. Talbot	do	333 60 25
000 201	do	F. W. Tanner	00	000
evo not		D. U. Taylor	00	60
602 603	do	W. H. Taylul	Followship February 1013	50 90 40
604	do	C. M. Thompson	Salary Fabruary 1913	ا م
605	do -	D G Thompson	do	1 40
606	do	J. G. Thompson	_do	160
607	do	Lambert Thorp	do	100
608	do	A. J. Tieie.	do	100 103
609	do	A. J. Todd	do	104
610	do	E. J. Townsend	do	333 100 90
611	do	L. L. Townsend	do	100
612	do	Edna A. Treat	do	90
613	do	H. D. Valentine	do	10
614	do	H. J. Van Cleave	do	60
615	do	H. J. Van den Berg	do	180
616	do	G. J. Van Zoeren	do	60 180 30 110
617	do	J. N. Vedder	do	110
018	do	U. G. Vernier		29
619	do	E. H. Waldo	do	166
201	qo	H. B. Ward		333
200	00	A D Warned	u0	50 125 185
622 622	do	E W Woodburn	do	126
894	do	F D Wetcon	do	200
825	do	H C P Woher	do	150
626	do	N A Walls	do	150 208
627	do	N. A. Weston	do	229
628	do	Mary M. Wetmore	- do	12
629	do	J. M. White	do	128 338
630	do	J. H. Whitten	do	60
631	do	E. A. Wildman	do	30
632	do	C. C. Wiley	do	150 120 125
633	do	C. A. Williams	do	120
634	do	E. H. Williams	do	125
635	do	Mary E. Williams	do	85 160 250 120
636	do	F. G. Willson	do	160
037	ao	P. L. Windsor		200
008 830	00	W. I. Wohlenhorg	Followship Fahruary 1013	120
340	uo	P S Woodward	Solory February 1013	50 35 183
341	uo	I M Wormsor	do	185
342	40	A. B. Wright	do	50
343	do	Ola M. Wveth	. do	50 75 150
344	do	T. D. Yensen	do	150
345	do	Jacob Zeitlin	do	12
346	do	Charles Zeleny	do	125 208 30
347	do	H. F. Zoller	do	30
348	do	J. E. Ackert	Fellowship, February, 1913	35
349	do	F. H. Adler	do	35
550	do	Josephine E. Burns	do	35 30
551	do	Margaret V. Cobb	do	30
52	do	Edna L. Forrey	ao	38
553	ao	D. D. Geyer	ao	35
104	ao	J. W. GOOD	a.	35 35 40 30
100		E A T Kinghan	do.	30
357		D A Lohanhanar	do	30
358	uo	H H McGragor	do	80
359	do	L. C. Mathewson	_do	30 30 30 30
660	do	L. F. Nickell	do	40
361	do	A. W. Orcutt	1do	40 35 30
362	do	A. F. Peine	do	30
663	do	C. F. C. Rilev	do	38
664	do	Clarissa Rinaker	do	35 35 35
$36\bar{5}$	do	Irma E. Voigt	do	30
666	do	P. S. Welch	do	35
367	do	G. Y. Williams	do	35
368	do	Alice Biester	Scholarship, February, 1913	25 25 25 25 25
369	do	R. W. Brown	do	25
370	do	D. M. Brumfiel	do	25
571	do	F. E. Clark	do	25
370	ו מה ו	Jesse L. Conel	do	į <b>2</b> 5

0.	Date.	S. H. Cox. E. S. Dowell D. T. Englis. Ola M. J. Eskelson S. E. Fauquher S. B. Fracker Byne F. Goodman Sappho C. Graham Ruby M. Grimes Mary A. Haan Homer Hall A. C. Hanford William Hill C. E. Holley Nellie N. Hornor J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Macdonald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottelman Cornelia R. Seawell Mary M. Spangler Alice Biester W. A. Swenson Lily B. Voeglein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley Winifred L. Amos Ethel Ash C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broashurst Ina M. Brown Sarah E. Bryan Miles Clements C. C. Crawford H. E. Cunningham C. E. Dalton Edith Emigh Frances M. Feind R. I. Fieg Viola Fraser Frances C. Garwood Antionette Goetz Elizabeth Good Mabel Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Fred Hooker Josie B. Houchens A. R. Lee Loties A. Lietz Striwan Aurella Knapp Allie Lamb A. R. Lee Loties A. Lietz Striwan Aurella Knapp Allie Lamb A. R. Lee Loties A. Lietz Striwan Anne McGurty A. H. McLean Jane McGurty A. H. McLean Jane McMullin L. Mae Manspeaker	For what.	Amou
a <del>=</del> 0	1913. Feb. 28			
073 274	Feb. 28	S. H. Cox	Salary, February, 1913	\$ 25 25 25
074 675	do	E. S. Dowell	do	2
676 676	do	Olo M. I. Felvolgon	do	20
677	do	S E Fanguher	do	2
678	do	S. B. Fracker	do	2
679	do	Byne F. Goodman	do	2
380	do	Sappho C. Graham	do	2
381	do	Ruby M. Grimes	do	j 2
382	do	Mary A. Haan	do	2
583	do	Homer Hall	do	2
084 105	do	A. C. Haniord		23
188	do	C E Hollow	do	20
187	do	Nallia N Hornor	do	2
88	do	I W Howard	do	25
889	do	P. W. Ivev	do	2
90	do	Gretchen Lutz	do	2
91	do	Janet M. Macdonald	do	25
92	do	J. E. Miller	do	25
93	do	Edna Mosher	do	22 22 22 22 22 22 22 22 22 22 22 22 22
94	do	J. B. Nathanson	do	25
95	do	F. G. Norbury	do	2
90	op	K. H. Nottelman		2
90	ao	Mary M. Spangler	do	2
90	do	Alica Riester	Scholarshin March 1012	2
กก	do	W A Swanson	Scholarship, March, 1913	2
01	do	Lily B. Voegelein	do.	2
02	do	Margaret Washington	do	2
03	do	P. Q. Wright.	do	. 2
04	do	A. E. Zucker	do	2
05	do	Lilla M. Alexander	Salary, February, 1913	6
06	do	W. E. Alley	do	8
107	do	Winifred L. Amos.	do	6.
700	do	Etnei Asn	do	14
710	do	Morry I. Pleakwell	do	5
111	do	T. A Rojee	do	19
112	do	Tahitha I Broachuret	do	12: 7:
713	do	Ina M. Brown	.do	6
714	do	Sarah E. Bryan	do	6
715	do	Miles Clements	do	. 48
716	do	C. C. Crawford	do	6
717	do	H. E. Cunningham	do	66 150 44 66 77
18	do	C. E. Dalton	do	4
190	do	Eurn Emign	do	0.7
20 201	do	D I Figg	00	. 5
22	do	Viola Fracar	do	5
$\tilde{2}\tilde{3}$	do	Frances C. Garwood	do	5.4
24	do	Antionette Goetz	do	6
25	do	Elizabeth Good	do	4
26	do	Mabel Griffith	do	6
27	do	Carmen Harnack	do	5
28	do	Eliza Hart	do	3
29	do	C. H. Havens	do	120 160
30	00	M. Hay		160
37	do	Fred Hocker	do	5
32	do	Toria R Hauchans	do	4 7 6
34	do	A. H. Hull	do	6
35	do	Katie L. Humrichouse	do	5
36	do	Marie Jester	do	4.
37	do	Gertrude Johnson.	do	5
38	do	J. J. Johnson	do	4.
39	do	Gertrude Keech	do	3
40	do	J. H. Kelley	do	16 4
41	do	Nora Kirwan	do	4
42	do	Aureija Knapp	do	68
43	do	Allie Lamb	do	45
44	do	A. K. Lee		9:38
45	op	Louise A. Lietz		35
40	uo	C M McConn	do	939
140	uo	A angs McGurty	do	233 83
40	do	A. H. McLean	do	- 80
50	do	Jane McMullin	do	40
		T 16 16	40	

To.	Date.	Jennie A. Mathers. Maude E. Meneley Hosley Foor C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphey H. D. Oberfiorfer Elizabeth C. Peel Thomas Peel Elizabeth Pfeffer F. W. Post. Harriet L. Postelwait Myrtle A. Renz Clara A. Rickets Nellie M. Robertson James Fender Anna L. Shepard T. J. Showers Sara M. Slater Bertram Smith I. M. Smith Jessie A. Smith Mayne L. Smith O. E. Staples Alfred Steitz E. T. Strong M. E. Thompson Mary Torrance L. J. Towne L. J. Towne G. P. Tuttle Josephine Tyrrell Lida E. White B. L. Winchester H. T. Wyninger J. W. Mumford F. W. Muncie Gertrude Niederman A. H. Nehrling A. W. Nolan J. B. Park H. N. Parker Maud Parsons F. A. Pearson H. W. Peaslee G. L. Peltier Leonora Perry J. H. Pettit Helema M. Pincomb V. A. Place B. E. Powell F. H. Rankin C. O. Reed B. S. Pickett H. A. Ruehe R. R. Root H. P. Rusk W. A. Rush W. H. Smith Grace Stevenso J. W. Wascher J. H. Rush W. H. Smith Grace Stevenso J. R. Welsel J. R. Smith J. R. Smith J. R. Sheet J. R. Sheet J. R. Sheet J. H. Rankin C. O. Reed J. R. Pincomb V. A. Place J. P. Rusk W. A. Rush J. R. Smith J. R. Switkins F. M. W. Wascher J. R. Welleel J. R. Wellen J. R. Wilsh J. R. Smith J. R. Switkins F. M. W. Wascher J. R. Welleel J. L. Whiting John Woodard	For what.	Amou
	1913.			
3752	Feb. 28	Jennie A. Mathers	Salary, February, 1913	\$ 50
3753	do	Maude E. Meneley	do	50
3754	do	Hosley Foor	do	55
3755 2756	do	C. F. Miller	do	75
2757	do	Lloyd Morey	00	85 166 110
3758	do	M W Murphov	do	110
3759	do	H D Oberfiorfer	do	166
3760	do	Elizabeth C. Peel	do	75
3761	do	Thomas Peel	_do	55
3762	do	Elizabeth Pfeffer	do	55 50
3763	do	F. W. Post	do	75
3764	do	Harriet L. Postelwait	do	50
3765	do	Myrtle A. Renz	do	65
3766	do	Clara A. Rickets	do	65
3767	do	Nellie M. Robertson	do	55
3768	do	James Fender	do	19 91
3769	do	Anna L. Shepard	do	91
3770	do	T. J. Showers	do	125
3//1	do	Sara M. Slater	do	125 55 70 108
7770	do	Bertram Smith	ao	70
0115 2774	ao	I. M. SMITH	00	108
) ( (4     775		Jessie A. Smith	uo	100 65 150
9110 2770	do	Mayme L. Smith	do	150
,, 10 2777	uo	Alfred Staits	do do	100
3779	do	T T Strong	do	75 95
2770	do	M F Thompson	do	85
3780	do	Mary Torrance	do	55
3781	do	I. I Towns	do	150
3782	do	G P Tuttle	do	150 91
3783	do	Josephine Tyrrell	do	45
3784	do	Lida E. Voight	do	45 83
3785	do	Lida E. White	do	50
3786	do	B. L. Winchester	do	48
3787	do	H. T. Wyninger	do	52
3788	do	J. G. Mosier	do	52 266
3789	do	J. W. Mumford	do	416
3790	do	F. W. Muncie	do	83
3791	do	Gertrude Niederman	do	100
3792	do	A. H. Nehrling	do	125 200
3793	do	A. W. Nolan	do	200
3794	do	J. B. Park	do	150
3795	do	H. N. Parker	do	200
2707	do	Maud Parsons	00	100
791 7700	do	F. A. Pearson	00	75
2700		C T Polition	do	200
1000 1000		Topper Poppy	do	88
2201	do	T TO Pattit	do	250
1802	do	Helena M. Pincomb	do	133
3803	do	V. A. Place	do	19: 19: 250 120
3804	do	B. E. Powell	do	19
3805	do	F. H. Rankin	do	250
806	do	C. O. Reed	do	120
807	do	B. S. Pickett	do	250
808	do	H. A. Ruehe	do	116
809	do	R. R. Root	do	166 173 12
810	do	H. P. Rusk	do	17.
811	do	W. A. Ruth	do	12
812	do	W. H. Sachs.	do	12
813	do	F. M. Simpson	do	10
814	do	Harriet Kinaker		12 10
010 G10		W. H. DHILL	ao	90
2017	uo	T W Stavenson	1uo	99
1100 1100	do	J. V. DIEVEHSOH	do	95
1010 1010	uo	U. II. Simbil	do	250 150
SSOU	do	T. M Wokalow	do	100
3821	do	O S Watkins	do	150
3822	do	F M W Wascher	do	190
3893	do	I R Walls	do	70
3824	- do	H. C. Wheeler	do	85 70 150
3825	do	Ruth Wheeler	do	133
3826	do	J. E. Whitchurch	_do	150
0000	do	Δ I. Whiting	do	125
3827	1 • • U.O !			70

1o.	Date.	To whom.  J. J. Yoke. T. P. Crawford J. H. Coffey I. F. Burdick W. W. Yapp Loretto White. A. Ten Broeck Cornellus Stocker Ethel Sharp. Otto Schwartz Ruah Loveless H. C. Lawson A. F. Krueger Lillian Poll John Palfrey Earl Garver Amelia Feldkamp Anna Crathorne. H. E. Crouch E. M. Clark M. R. Carlson A. E. Burwash C. Beers G. B. Atkinson Roy Argo L. S. Baldwin Mamie Bunch R. F. Broyler Lucy M. Beach Lucy M. Broth Lucy M. Broth J. C. Anderson M. J. Conley Ethel Clark Jesse Cook Robert Cook Emma L. Custer Ben Durman Asa Denman L. W. Duncan W. J. Engle O. I. Ellis Lawrence Engle Ralph Engle H. F. T. Fahrnkopf Margaret C. Foss F. W. Gault H. Gage Marjorie H. Gage Marj	For what.	Amou
	1913.			
3829	Feb. 28	J. J. Yoke	Salary, February, 1913	\$ 83 47 50
3830	do,	T. P. Crawford	Wages, February, 1913	47
3831	do	J. H. Coffey	do	50
3832	do	I. F. Burdick	do	75 35
3833	do	W. W. Yapp	do	35
3834	do	Loretto White	do	65 10 75
3835	do	A. Ten Broeck	do	10
3836	do	Cornelius Stocker	do	75
3837	do	Ethel Sharp	do	40
3838	do	Otto Schwartz	do	38 50
3839	do	Ruah Loveless	do	50
3840	do	H. C. Lawson	do	55
3841	do	A. F. Krueger	do	65 50 65
3842	do	Lillian Poll	do	50
3843	do	John Palfrey	do	65
3844	do	Earl Garver	do	65
845	do	Amelia Feldkamp	do	40
3846	do	Anna Crathorne	do	50
3847	do	H. E. Crouch	do	50 115
3848	do	E. M. Clark	do	60
849	do	M. R. Carlson	do	55 55
850	do	A. E. Burwash	do	55
851	do	C. Beers.	do	55
852	do	G. B. Atkinson.	do	45
853	do	Roy Argo	do	55 20
854	do	L. M. Apgar	do	20
855	do	L. S. Baldwin	do	24
856	do	Mamie Bunch	do	45 45
857	do	R. F. Broyles	do	45
858	do	Lucy M. Barto	do	20
859	do	C. C. Chapman	do	83
860	do	C. A. Campbell	_do	60
3861	do	J. C. Anderson	_do	60 65
8862	do	M. J. Conley	do	75
863	do	Ethel Clark	do	40
864	do	Jesse Cook	do	40 55 47
865	do	Robert Cook	do	47
8866	do	Emma L. Custer	do	70
867	do	Ban Durman	do	45
8888		Asa Danman	do	93
1869		L. W. Duncan	de	75
870	. do	W. J. Engle	do	65 30 24
871	do	O.I. Ellis	do	30
872	do	Lawrence Engle	do	24
873	do	Ralph Engle	do	26
874	do	H.F. T. Fahrnkopf	do	26 55
875	do	Margaret C. Foss	do	40 80
876	do	F. W. Gault	do	80
877	do	R. C. Glover	do	40
878	do	W. S. Goodspeed	do	83
879	do.	Mariorie H. Gage	do	83 65
880	do	Marion B. Gallaher	do	40
881	do.	H. C. Gilkerson	do	55
882	do.	A. F. Heck	do	45
883	.do.	Mabel Halliday	do	45 60
884	do	Alice V. Hamilton	do	75
885	do.	Horace Ingalls	do	60
886	.do	William Kelley	do	50
887	do.	J. R. Kellev	do	52
888	do	John Lankford	do	60
220	do	M. T. Lindsey	do	31
890	do	Frances E. McClughen	do	9
891	do	H. E. Moore	do	67
802	do	Joe Mink	do	47
803	do	Ed Myers	do	47
894	do	Mary Millar	do	65
805	do	W. A. McIntire	do	50
898	do	Winnifred McIntosh	l do	10
897	do	Lawrence Neshit	do	63
808	do	George Noe	do	40
800	do	Bessie E. Packard	do	75
900	do	W W Paters	do	90
001	uo	Frad Pina	do	20 75
SOUS	do	Elizabeth Pulling	do	60
1902	do	James Raywinkla	do	12
1004	uv	Alica Dood	do	50
1904	uo	M D Pose	uo	50 52
9000	uv	Olivo C. Poid	do	. 27
טטפי	uv	E D Changer	uo	50 50
			1 1111	อบ

Vo.	Date.	To whom.	For what.	Amour
	1913.	Flora M. Sims Frank Sanders Guy Shaffer J. F. Smith Freda O. Stricklan Florence Stoutzenberg Florence E. Smith Alpha Tornquist Andrew Tornquist Elmer Varner L. J. Wells H. H. Wheeler F. W. Wilson Stanley Wilkins D. M. Avey B. L. Bowling W. E. Bow Evalena Bowen Harold Bolander E. R. Berbaum Charles Burge Ruth Burt Ethel Berlin E. J. Brown Charles Brown Andrew Boswell James Boswell James Boswell R. L. Bentley C. G. Cox H. H. Crawford Pearley Cunningham Ralph Chaplin F. H. Colyer R. R. Denielson L. Donohue H. B. Deets T. W. Dieckmann		
3908	Feb. 28	Flora M. Sims	Wages, February, 1913	\$ 83 50
3909	do	Frank Sanders	do	50
3910	do	Guy Shaffer	do	47
9019 98TT		J. F. SMITH	do	65
3012 3013	do	Florence Stoutzenberg	do	65 25
3914	do	Florence E. Smith	do	65
3915	do	Alpha Tornguist	-do	25
3916	do	Andrew Tornquist	do	75
3917	do	Elmer Varner	do	45
3918	do	L. J. Wells	do	45
3919	do	H. H. Wheeler	do	65
3920	do	F. W. Wilson	do	30
<b>9921</b>		D M A TOO	00	40
3024 3023	do	B T Bowling	do	110 70
3924	do	W E Row	do	13
3925	do	Evalena Rowen	do	32
3926	do	Harold Bolander	do	11
3927	do	E. R. Berbaum	do	72
3928	do	Charles Burge	do	53
3929	do	Ruth Burt.	do	31
3930	do	Ethel Berlin	do	25
3931 2000	do	E. J. Brown	do	23
3022 3022	ao	Andrew Reswell		24
3034 9899	do	Tames Reswell		39
3025	do	R T. Rantlav	do	13
3936	do	C. G. Cox	do	26
3937	do	H. H. Crawford	do	22
3938	do	Pearley Cunningham	do	28
3939	do	Ralph Chaplin	do	60
3940	do	F. H. Colyer	do	7
3941	do	R. R. Danielson	do	15
3942	do	L. Donohue	do	50
3943	ao	H. B. Deets.	do	20
3944		T. W. Dieckmann		28 48
2046		Touis Friggell	do	40
3047	do	I F Gangar	do	29
3948	do	Marie A. Gordon	- do	50
3949	do	Burt Hays.	do	66
3950	do	Edgar Hermann	Wages and expenses	66 48
3951	do	W. L. Hawat	Wages, February, 1913	29 79
3952	do	J. J. Herbert	do	79
3953	do	R. F. Harvey	do	21
3954 9055	do	W. A. HOOKer		45
องขอ จดรด	do	Clauda Harrolla	do	30
3057	do	W T. Harry	do	88
3958	do	R. L. Hegnaner	do	22
3959	do	Earl Kirkpatrick	do	18
3960	do	L. Donohue. H. B. Deets. T. W. Dieckmann G. Donohue. Louie Frizzell J. F. Gauger. Marie A. Gordon Burt Hays. Edgar Hermann W. L. Hawat. J. J. Herbert R. F. Harvey. W. A. Hooker. Rose Hegenbart. Claude Harrolle W. L. Harry R. L. Hegnauer. Earl Kirkpatrick Sadie Jones F. H. Kelley. F. A. Kirkpatrick Lawrence Lahr.	do	50
396I	do	F. H. Kelley	do	25
3692	do	F. A. Kirkpatrick	do	10
3963	do	Lawrence Lahr Verna Manley. Ralph Morray F. H. Murray. K. A. McCaskill H. M. Mooman Leola Machum Florence Nyberg. C. I. Newlin. M. L. Nebel. A. A. Odell G. W. Porter R. Pritchard H. Pritchard	do	64
3964	do	Verna Manley	do	31
9086 PANC	uo	T I Murroy		10
39K7	do	K. A. McCaskill	do	2
3968	- do	H. M. Mooman	do	5
3969	do	Leola Machum	do	26
3970	do	Florence Nyberg	do	50
3971	do	C. I. Newlin	do	7.
3972	do	M. L. Nebel	do	19
3973	do	A. A. Odell	]do	43
3974	do	U. W. Porter	100	60
3970 3076	do	H Pritchard	do	50
2077	do	Dalla Rogare	do	40
3078	l do	II Rachwaleki	l do .	1 60
3979	do	C. H. Rehling	_do	36
3980	do	C. H. Rehling L. Rosset	do	18
3981	do	M. Ressler	do	84
3982	do	Hazel Rhoads	do	55
3983	do	L. Kosset. M. Ressler Hazel Rhoads G. H. Reilly J. A. Sackrison Arthur Semple A. L. Sowers	do	58 81 12
3984	do	J. A. Sackrison	do	12
3985	do	Arthur Semple	do	28
	OD I	A. L. Sowers	100	99

Го.	Date.	Daisy Swearingen. A. J. Stoneburner D. C. Sprinkle. R. F. Shaffer H. B. Seward W. M. Sheldon Bertha G. States G. W. Schroeder H. J. Snider R. S. Smith H. J. Vanderbeek D. Vauble E. J. Wilford Ralph Walworth Robert Wilford C. E. Wheelock E. H. Walworth Robert Wilford C. E. Wheelock E. H. Walworth S. T. Wallage Otis Wood W. H. Stevens Walker & Mulliken B. E. Powell Harry Higgerson D. R. Lee G. Broes Van Dort Co. S. A. Courtis. Wells-Abbott-Nieman Co. Isabel Bevier Abbert Shaw A. J. Gunderson W. B. Atwell H. G. Atkinson Isabella Anderson G. C. Ambrose C. E. Arrington William Atwell R. W. Baldwin W. E. Britton Wayne Brown A. O. Magnuson J. E. Balley L. S. Baldwin A. R. Brandner V. R. Barnes John Begley W. M. Birdzell M. C. Booher A. J. Booker Geo. Boyer John Brannigan Harry Brown Basil Brown D. M. Bullock Thos. Butler Rober Brown P. C. Tethorne F. Cunningham John Ceduskey V. H. Cartwright W. H. Clark John Cooly F. Crathorne F. Cunningham Joseph Davis Pete Da	For what.	Amou
200	1913.	D	TV To 1	0.50
3987	Feb. 28	Dalsy Swearingen	wages, February, 1913	\$ 50
3988	do	A. J. Stoneburner	[do	45
รดดก	do	B F Shaffar	do	57
3991	do	H. B. Seward	-do	23 25
3992	do	W. M. Sheldon	do	24 50 12 32 58
3993	do	Bertha G. States.	do	50
3994	do	G. W. Schroeder	do	12
3995	do	H. J. Snider	do	32
3996	do	R. S. Smith.	do	58
3997	do	H. J. Vanderbeek	do	66 59 22
รษษอ วกกก		D. Vaudie	do	99
เกกก	do	Rainh Walworth	do	10
1001	do	Robert Wilford	do	10 23
1002	do	C. E. Wheelock	do	45
1003	do	E. H. Walworth	do	45 25
1004	do	S. T. Wallage	do	29
1005	do	Otis Wood	do	26
1006	do	W. H. Stevens	Expenses	14
1007	do	Walker & Mulliken	Furniture	29 26 14 90
1008	do	B. E. Powell	Expenses	14
1009	do	Harry Higgerson	Hay	332
010	ao	U. K. Lee	Books	332
010	do	G. Broes van Dort Co	B00KS	10
1012	do	Walls-A bhott-Niemen Co	Bron	15 11 330
1013	do	Isahel Revier	Evnences	16
015	do	Albert Shaw	Lectures and expenses	214
016	do	A. J. Gunderson	Expenses	125
1017	do	W. B. Atwell	Wages, February, 1913	10 214 125
1018	do	H G Atkinson	do	12
1019	do	Isabella Anderson	do	12 16 52
1020	do	G. C. Ambrose	do	52
1021	do	C. E. Arrington	do	62 57 60 35
1022	do	William Atwell	do	57
1023		K. W. Baldwin		00
1024	do	Wayna Proven	do	10
1020 1026	do	A O Magnison	do	18
1027	do	I. E. Bailey	do	5.5
1028	do	L. S. Baldwin	do	41
1029	do	A. R. Brandner	do	15
1030	do	V. R. Barnes	do	82
1031	do	John Begley	do	72
1032	do	W. M. Birdzell	do	55 41 15 82 72 80 82
1033	do	M. C. Booher	do	82
1034		A. J. BOOKER	do	67
1038 1099	do	Tohn Bronnigen	do	98
1037	do	Harry Brown	do	69 88 56
1038	do	Basil Brown	do	66
1039	do	D. M. Bullock	do	61
1040	do	Thos. Butler.	do	61
1041	do	Rolla Carson	do	51 74 51 99
1042	do	John Ceduskey.	do	74
043	do	V. H. Cartwright	do	51
1044	do	W. H. Clark		99
1040	ob	T Crothomo	do	60
1040	do	F Cunningham	do	127
1042	do	Joseph Davis	do	65
1049	do	Pete Davis	do	85 137 68
1050	do	E. P. Dibble	do	8
051	do	B. E. Dirks	do	81
1052	do	Howard Downing	do	68
1053	do	B. F. English	do	93
1054	do	Thos. J. Fay	do	93
1055	do	Harman Fechtruph	do	60
1055	do	Louie render	ao	75
1057 1059	oo	J. U. FISCUS	do	0.9
1050 1050	o	Frank Rogarty	do	73 54 29 52
1080 1009	do	William Fogarty	do	54
1061	do	E. O. Fontaine	do	16
1062	do	Guy Fox	do	54 16 91
1063	do	F. F. Franklin	do	58 57 56
4064	do	C. Y. Freeman	do	57
	40	V. S. Glenn	do	1 56

Vo.	Date.	To whom.	For what.	Amour
,	1913. Feb. 28	P. R. Greenman Julius Goebel, Jr W. H. Graybeal Chas. Gunlock Sell Hamlin. T. F. Harper T. O. Henderson Harry Higgneson. F. C. Hare Chas. Hill Wesley Hoffman Fred Hoover Ross Hutton W. G. Hixon Edward Hargan Samuel Hanson James Irvine Frank Irvine Margaret Jones E. W. Justus C. C. Hohnson P. S. Jeffers Elias Kirby G. E. Kirk J. A. J. Kleim Thos. Long K. F. Long A. C. Litton E. C. Lewis W. J. Langhoff Fred Langhoff Fred Langhoff Fred Langhoff Fred Langhoff John Lowe E. M. Lurie Ora McGhee. Clara Muhleman Charley Moore Uriah Moreland J. E. Morgan Ruthe E. Murphey F. R. Miller C. E. Myers John Miller C. E. Myers John Moreland J. E. Morgan Ruthe E. Murphey F. R. Miller C. E. Myers John Miller C. M. Moran Bas. McCullough J. R. Newton J. R. Newton Jacob Nikolans Harrison Noecker F. M. Van Nattar		
4066	Feb. 28	P. R. Greenman	Wages, February, 1913	\$ 14
4067	do	Julius Goebel, Jr	do	11
4008 4060	[do	Chag Cymlosk	do	62 96
4009 4070	do	Chas, Guniock	do	54
4071	do	T F Harner	do	34
4072	do	T O Henderson	do	105
4073	do	Harry Higgneson	do	105 89
4074	do	F. C. Hare	do	27
4075	do	Chas. Hill	do	88
4076	do	Wesley Hoffman	do	69 59
4077	do	Fred Hoover	do	59
4078	do	Ross Hutton	do	59
4079 4000	do	W. G. HIXOn	d0	49 59
4000 4081	do	Samuel Hensen	do	61
4082	do	Tames Irvina	do	52
4083	do	Frank Irvine	do	63
4084	do	Margaret Jones.	do	63 43
4085	do	E. W. Justus.	do	108
4086	do	C. C. Hohnson	do	62
4087	do	P. S. Jeffers	do	60 57
4088	do	Elias Kirby	do	57
4089	op	U. E. KITK		53
409U 4001		Thos Long	do	68 72
4000	do	K F Long	do	64
4093	do	A. C. Litton	do	60
4094	do	E. C. Lewis	do	68
4095	do	W. J. Langhoff.	do	68 66
4096	do	Fred Langhoff	do	55
4097	do	A. Langhoff	do	85 57
4098	do	John Lowe	do	57
4098	do	E. M. Lurie	do	10 15
4100	do	Ora McGnee		15
4100	do	Charley Moore	do	41 14
4102	do	Trich Moreland	do	56
4104	40	T E Morgan	do	38
4105	do	Rebeca Morgan	.do	38 43 59
4106	do	Ruthe E. Murphey	do	59
14107	do	F. R. Miller	.]do	13
14108	3 do	C. E. Myers	. do	22 61 99
410	]do	Jesse Meyers	do	61
4110	)do	John Miller	. do	99
4111	do	C. M. Miller	. 00	54 66 70
4112	do	Don Moneely	do	70
4114	do	H H Mehorney	do	61
411	do	Bert Mathews	do	38
4116	3 do	Frances McClughen	. do	38 43 54
4117	do	Jas. McCullough	. do	54
4118	do	A. J. McAlister	. do	78
4119	∥do	A. W. Moran	. do	63 85 70
4120	اdo	B.L. Morehouse	ao	85
412	ηαο	J. K. Newton		70
412	do	Harrison Noocker	. uu	62
4120	do	F M Van Nattar	do	45 22
412	do	J. F. Purkins		56
4126	3 do	S. A. Porter	do	56 69 66
1412	7 do	Frank Perry	do	66
412	3do	Etta Perry	do	30
4129	0do	Olive Paine	. do	16
4130	)do	Robert Pergande	. ao	85
413	do	Geo. F. Paulsen		85 35 68
413	ddo	w mam Quinn	. 00	68
1415	ηαο	Mory Ryon	do	18
14104	de	Ed Richards	do	18 43 96
14136	do	E. H. Riigg	do	31
1413	do	B. L. Reed	do	49
14139	31do	Frank Stateler	do	74
14139	0 do	Marion E. Sparks	. do	31 49 74 31
14140	do	Orval Snook	. do	. 56
1414	1 do	A. W. Moran B. L. Morehouse J. R. Newton Jacob Nikolans Harrison Noecker F. M. Van Natter J. F. Purkins S. A. Porter Frank Perry Etta Perry Olive Paine Robert Pergande Geo. F. Paulsen William Quinn S. E. Quick Mary Ryan Ed. Richards E. U. Rugg B. L. Reed. Frank Stateler Marion E. Sparks Orval Snook W. J. Smith L. M. Sterns A. Servis Otto Schinnerer	. do	56 125 62
1414	2 do	L. M. Sterns	- do	. 62
1414	3 do	L. M. Sterns. A. Servis. Otto Schinnerer.	. do	62
1/11/4	1 do	Otto schinnerer	. ao	.  16

Го.	Date.	To whom.	For what.	Amou
	1913.	John Snyder Lloyd Schwartz C. R. Sinclair R. M. Stevens Henry Turner Geo. Turner Geo. Toy. I. F. Tillotson Phillip Udinskey J. H. Vandiventer Chas. Wilson Ed. Wharmby August Warmbler Wm. Wilde R. D. Hull Eleanor Hubbard Geo. E. Wright Wesley Wilson P. T. Waltes M. C. Weaver Julia F. Burnham Hospital P. D. Foster H. H. Stoek G. E. Wright W. O. Andros William Templin Tim Kenney Milderd E. Buckles Fred Fender Amos Wright Wilson J. G. Penn Marion E. Sparks H. M. English Gertrude Johnson Mary Moss C. W. Allison T. E. O' Donnell C. W. Warriner Bert Sterenberg B. L. Ray Dean Sundell W. H. Boyer Vaughan's Seed Store C. A. Dunseth M. H. Anderson M. E. Simonson Ferdinam Grimm Forest Creamery Co Dewitt Smith F. J. Weddige J. R. Newberry George H. Bost W. F. Conway Peter J. Peterson Monmouth Creamery Co Green River Creamery Co Green River Creamery Co Green River Creamery Co Green River Creamery Co Galva Creamery Co		
4145	Feb. 28	John Snyder	Wages, February, 1913	\$ 52
1146	do	Lloyd Schwartz	do	60
1147	do	C. R. Sinclair	do	52 19
1148		H. M. Stevens	do	59
150	do	Goo Turner	do	48
151	do	Geo Toy	do	61
152	do	I. F. Tillotson	do	69
153	do	Phillip Udinskey	do	32
154	do	J. H. Vandiventer	do	65 52
155	do	Chas. Wilson	do	52
156	do	Ed. Wharmby	do	64
157	do	August Warmbier	do	66 90 15
158	ao	Wm. Wlide	do	90
159	ao	Elemen Huhband	do	23 23
161		Coo F Wright	do	66
169		Wesley Wilson	do	70
163	40	P T Walter	do	78 14
164	do	M C Waavar	do	81
165	do	Julia F. Burnham Hospital	Students' hills	316
166	do	P. D. Foster	Furniture	316 198
167	do	H. H. Stoek	Expenses	5
168	do	G. E. Wright	do	j
169	do	W. O. Andros	Blue print	j
170	do	William Templin	Wages, February, 1913	. 70
171	do	Tim Kenney	do	18
172	do	Mildred E. Buckles	do	38
173	do	Fred Fender	do	91 28
174	do	Amos Wright	do	2
175	do	William Wascher	do	51
170		Frank Wilson		31 11
170	00	J. G. Felli	do	15
170	do	Harlon E. Sparks	do	1.5
100	do	Cartruda Johnson	do	19
121	do	Minnie E. Watson	do	18 18
182	do	Mary Moss	do	25
183	do	C. W. Allison	do	25 17
184	do	T. E. O'Donnell.	-do	19
185	do	C. W. Warriner	do	12 19
186	do	Bert Sterenberg	do	18
187	do	B. L. Ray	do	25 13
188	do	Dean Sundell	do	18
189	do	W. H. Boyer	do	11
190	do	Vaughan's Seed Store	Apparatus	15
191	do	C. A. Dunseth	D-44-m	85
192	do	M. H. Anderson	Butter	1
104		Fordinand Crimm	do	1,
105		Forest Crosmory Co	do	
106	do:	Dawitt Smith	do	,
197	do	F. I. Weddige	do	5
198	do	J. R. Newberry	do	11 6
199	do	George H. Bost	do	1
200	do	W. F. Conway	do	7
201	do	Peter J. Peterson	do	8
202	do	Monmouth Creamery Co	do	8
203	do	Green River Creamery Co	do	3
204	do	Spring Valley Creamery Co	do	
205	do	Galva Creamery Co	do. Wages. Wages, November 25, 1912-Feb- ruary 25, 1913. Machinery	1( 1)
206	do	Renneth Brown	wages.	11
207	ao	n. r. Gage	wages, November 25, 1912-Feb-	-
ഹം	do	Wm Sallors & Co	Machinery	7 595
200	do	The Foley Mfg. Co.	Payment on contract	9 092
210	do	Rainh Chanlin	Нот	7, 535 2, 034
211	do	L. E. Knorr	Payment on contract. Hay. Salary, February, 21-28 1913	1 46
210	do	A. Bevis		154
213	do	Martin Sandwell		85
214	do	Agnes M. Cole	Salary, February, 1913. Hauling coal. Tuning piano Final payment on contract. Subscriptions Oats.	154 85 75
215	do	P. Adams	Hauling coal	57
216	do	C. S. Hill	Tuning piano	2
217	do	The Foley Mfg. Co., Contractors	Final payment on contract	408
218	do	The Illinois Agriculturist	Subscriptions	255 99
219	do	John McCullough	Oats	98
220	do	Wm. Sellers & Co. The Foley Mfg. Co. Ralph Chaplin L. E. Knorr. A. Bevis. Martin Sandwell Agnes M. Cole. P. Adams C. S. Hill The Foley Mfg. Co., Contractors The Illinois Agriculturist. John McCullough C. J. Welch Flanigan-Pearson Co. Leavitt Mfg. Co.	Oats. Labor and materials. Printing.	395 1, 296
221	do	Flanigan-Pearson Co	Printing	1, 296
		Loovitt Me Ca	Hardware	49

о.	Date.	To whom.	For what.	Amou
002	1913.	Bacon Bros. S. E. Huff & Co. The Ideal Electric Co Electric Coal Co The Alexander Lumber Co. E. H. Sargent & Co. Lewis Electric Supply Co. D. H. Lloyde. A. McClurg & Co. Illinois State Penitentiary. Illinois State Reformatory. R. W. Braithwatte, V. S The Saffell Co. Carrie A. Bahrenburg. John Heffernan & Son. G. E. Stechert & Co. A. C. McClurg & Co. Ernst Hertzberg & Sons. Standard Oil Co. E., E. Hoskins. A. H. Barber Creamery Supply Co. W. T. Jewell. Sauveur & Boylson. Hoffman & Kroff. The Linde Air Products Co. C. H. Beley & Co. Ernst Leitz. Houghton Mifflin Co. A. G. McGregor. F. P. Collyer. F. A. Pearson. V. A. Place. A. G. Spalding & Bros.	Dainta and ail	
220	Mar. 1	Bacon Bros	Paints and oil	\$ 20 116 18
225	do	The Ideal Electric Co	Electrical supplies	15
226	do	Electric Coal Co	Coal	254
227	do	The Alexander Lumber Co	Lumber Electrical supplies Coal Lumber	95 219
228	do	E. H. Sargent & Co.	Lumber Laboratory supplies Electrical supplies Stationery Books Furniture Printing Services Supplies	219
229	do	Lewis Electric Supply Co	Electrical supplies	82 38 50
230	do	D. H. Lloyde	Stationery	38
231	do	A. McClurg & Co	Books	50
232	do	Illinois State Penitentiary	Furniture	48 109 20
233	ao	Illinois State Reformatory	Printing	105
234	00	R. W. Braithwaite, V. S	Services	58
200	do	Cornic A Pohramburg	Supplies . Expenses . Stoneware . Books .	27/
237	Mor 3	Tohn Hoffernan & Son	Stonowere	374 34
238	Tar. 0	G E Stechart & Co	Booke	205
230	do	A C McClurg & Co	do	293 231
240	do	Ernst Hertzherg & Sons	Bookbinding	359
241	do	Standard Oil Co.	Oil	359 52
242	do	E. E. Hoskins	Expenses	
243	do	A. H. Barber Creamery Supply Co	Dairy supplies	120
244	do	W. T. Jewell	Books do Bookbinding Oil Expenses Dairy supplies Oil meal Laboratory supplies.	12
245	do	Sauveur & Boylson	Laboratory supplies	31
246	do	Hoffman & Kroff	Acid. Oxygen	120 120 13 13 11
247	do	The Linde Air Products Co	Oxygen	78
248	do	C. H. Beley & Co	Oxygen Brass Microscope parts Book Picture Expenses	]
249	do	Ernst Leitz	Microscope parts	1 7
250	ao	Houghton Millin Co	B00K	:
251	do	E. D. Colleger	Francisco	1
202		F A Boorgon	Z.Xpenses	1
254	do	F. A. Pearson. V. A. Place A. G. Spalding & Bros. The Anglers' Bait & Mfg. Co. Sengbusch Self-Closing Instand Co. The Peoria Star Co. Frank Irvine. Wm. Sellers & Co. Scientific Materials Co. American Steam Pump Co.	dodosuppliesFrogs and turtlesInkstandsAdvertisingLabor and material	
255	do	A G Spelding & Bros	Supplies	( 15
256	do	The Anglers' Rait & Mfg Co	Frogs and turtles	
257	do	Sengbusch Self-Closing Instand Co	Inkstands	
258	do	The Peoria Star Co	Advertising	,
259	do	Frank Irvine	Labor and material	) :
260	do	Wm. Sellers & Co	Machinery	35
261	do	Scientific Materials Co	Supplies	
262	do	American Steam Pump Co	Pump and supplies	199
263	do	Bausch & Lomb Optical Co	Pump and supplies.  Laboratory apparatus.  Motor and ribbon  Repairs.	15
264	do	The American Multigraph Sales Co	Motor and ribbon	350 199 153 20
205	do	International Harvester Co. of America.	Repairs	
267	do	T V Diekingen Secretary	Liconec for	2
268	uo	C C Short	Table. License fee. Iron work.	1 ;
269	do	Frank Irvine Wm Sellers & Co Scientific Materials Co. American Steam Pump Co. Bausch & Lomb Optical Co. The American Multigraph Sales Co. International Harvester Co. of America. F. C. Jorgeson & Co. J. K. Dickirson, Secretary. C. C. Short. The Lawyer's Co-operative Publishing Co. Bennetts' Newspaper & Magazine Agency Peter Henderson & Co. Malinda Whittaker. John E. Lewis. George E. McIntyre. Proctor A. Nowlen Rober M. Cole. Charles H. Fletcher A. J. Gunderson. Clarence H. Kessler. The Julia F. Burnham Hospital. J. W. Dunlap. Library of Congress. A. W. Nolan. William Webb. W. T. Crandall. Florence Harrison. L. F. Marcy. J. H. Martin. F. M. Simpson W. G. Griffith D. C. Dow. L. S. Griffith D. C. Dow. L. S. Griffith D. C. Pow. L. S. Griffith D. H. Awiter H. A. W. Munter H. A. W. Munter H. A. W. Sargeant. R. M. Simpson Augusta D. Evans W. B. Mills.	Rook	
270	đo	Rannatte, Nawananar & Magazina A ganay	Book. Subsctipions. Seeds, etc. Loan.	
271	do	Peter Henderson & Co	Seeds, etc.	
$\tilde{2}7\tilde{2}$	do	Malinda Whittaker	Loan	50
273	do	John E. Lewis	do	78
274	do	George E. McIntyre	. do	78 200
275	do	Proctor A. Nowlen	do	100
276	do	Rober M. Cole	do	100 100 150
277	do	Charles H. Fletcher	do	150
278	do	A. J. Gunderson	. do	100
2/9	do	Ularence H. Kessler	Cturdentia bill	100
200	mar. 4	T W Dunlan	Payment on contracts	38 158
901	uu	Tibrary of Congress	Denosit	195
283	do	A W Nolan	Expenses	78
284	do	William Webb	Services	30
285	do.	W. T. Crandall	Expenses	•
286	do	Florence Harrison	Services	112
287	do	L. F. Marcy	do	112 1(
288	do	J. H. Martin	Services and expenses	20
289	do	F. M. Simpson	Expenses	20 22 9
290	do	W. G. Griffith	Services and expenses	9
291	do	D. C. Dow	do	17
292	do	L. S. Griffith	do	95 30
293	do	Olive Percival	services	95
294	do	W. H. KOWE	Convices and some	30
295	do	H. A. Willier	Expenses	18
ZYN	do	M. Sargeant	Carving and ownerses	18
007		vv. Daigeallt	Der Arces surg exhquses	13
297	do	P M Simpson		
297 298 290	do	R. M. Simpson	Expenses Services Expenses Services .do Services and expenses Expenses Services and expenses .Services and expenses .do .do .do Services .do Services .do Services and expenses Expenses Services and expenses Expenses Services and expenses	· 20

ю.	Date.	To whom.	For what.	Amour
	1913.	C. A. Rowe W. Rowe C. E. Percival John Smith A. A. Hill Heye Wiekert, Jr H. P. Joy Mildred Johnson W. E. Holben J. P. Robards J. A. Winter C. S. Slonneger Grover Leipold A. E. Sivan William Webb W. W. Lindley, Postmaster Felix Krueger Ethel V. Manley Hazel Cover O. E. Staples, Chief Clerk O		
4301	Mar. 4	C. A. Rowe	Services and expenses	\$ 14
1302	do	W. ROWe	Services	10
1303 1904		Tohn Smith	do	12 10
1305	do	A A Hill	Services and expenses	13
4306	do	Heve Wiekert, Jr	Services	15
1307	do	H. P. Jov	Services and expenses	16
4308	do	Mildred Johnson	do	16 14
1309	do	W. E. Holben	do	17
1310	do	J. P. Robards	do	17
1311	do	J. A. Winter	[do	8
312	do	C. S. Slonneger	do	13
1313	ao	A TE Cirron	do	11
1215	do	William Wahh	do	14 11
1316	do	W W Lindley Postmoster	Postaga	276
317	Mar 5	Felix Krueger	Lectures	300
318	do	Ethel V. Manley	Wages, February, 1913	51
319	do	Hazel Cover	do	51 75
320	Mar. 6	O. E. Staples, Chief Clerk.	Men's pay roll	719
321	do	O. E. Staples, Chief Clerk	Students, pay roll	616
322	do	O. E. Staples, Chief Clerk	Express	616 59
323	do	O. E. Staples, Chief Clerk	do	_41
324	do	O. E. Staples, Chief Clerk.	Freight	751
325	do	O. E. Staples, Chief Clerk	Payments on account milk pro-	
امورا	a a	O. E. Staples, Chief Clerk  R. W. Braithwaite  H. McFadden & Bro Eisner Grocery Co The Creamery Package Mfg. Co. Stover Mfg. Co Stover Mfg. Co Stover Mfg. Co Stover Mfg. Co Stove & Forsyth W. & L. E. Gurley Elov Ericsson C. G. Willoughby. Mrs. Sam Durman Western Stoneware Co Montgomery Ward Co The Roessler & Hasslacher Chemical Co Twin City Printing Co. H. F. Watts. General Chemical Co The Carborundum Co Central Scientific Co The Frederick Post Co. C. F. Miller L. C. Smith & Bros. Tymografia Co.	Gunder bills maid	880
320	ao	D. W. Breithweite	Sorvices	290
327		W. McFeddon & Pro	Oil mool	30 10
220	do	Eigner Grocery Co	Grocarias	1 6
330	do	The Creamery Package Mfg. Co.	Brine coil	14
331	. do	Stover Mfg. Co.	Repairs.	4
332	do	Stone & Forsyth	Paper towels	31
333	do	W. & L. E. Gurlev.	Plummets and pins	1
334	do	Elov Ericsson	Butter culture	8
1335	do	C. G. Willoughby	Laboratory apparatus	172
1336	do	Mrs. Sam Durman	Labor	3
1337	do	Western Stoneware Co	Labor Clay Matches Acetone Labels and file Ore. Supplies Grif Laboratory apparatus. Paper Expenses Balance on machine Paper Cards	1.5
1338	do	Montgomery Ward Co	Matches	15
1339		The Roessier & Hassiacher Chemical Co.	Labels and file	
1941	do	H F Watte	Ora	۽ ا
1342	do	General Chemical Co	Supplies	31 31 172 3 5 19 6 6 8 8
1343	.do	The Carborundum Co.	Grit	ľ
1344	do	Central Scientific Co	Laboratory apparatus	2
345	do	The Frederick Post Co	Paper	26
1346	do	C. F. Miller	Expenses	3
1347	do	L. C. Smith & Bros. Typewriter Co	Balance on machine	52
348	do	The United States Blue Print Paper Co	Paper	) 2
349	do	The Ashcroit Mig. Co	Cards	100
1350		C T Proces & Co	Travel apparatus	100
1959 1951	do	Marchall Field & Co	Towels	147
1353	do	The Cudahy Packing Co	Soap powder	26 35 52 3 165 33 147
354	do	Crosby Steam Gage & Valve Co	Labor and material	28 16
355	do	The Whitaker Paper Co	Paper	16
1356	do	White Line Steam Laundry	Washing	20
1357	do	P. Adams	Labor	25
358	do	Library Bureau	Label holders	1 3
359	do	Library of Congress	Balance on cards	100 12 3 60
360	do	Fred M. Atkinson	Drum supplies	100
1361		THE DIXIE MUSIC HOUSE	From Supplies	12
1002	uo	C W Johnson	Galvanized nan	8
1264	do	The Anglers' Bait & Mfg. Co.	Frogs and turtles	1 5
1365	do	C. H. Stoelting Co.	Supplies	j 60
1366	do	Powers & Powers	Amoeba	5
4367	do	Goder-Heimann Co	Specimen	12 10
1368	do	W. Atlee Burpee & Co	Seeds	10
4369	do	The National Nurseryman PublishingCo.	Subscription	1
4370	do	W. F. Hardy	Machinery	36
4371	do	The Western Gas Fixture Co	Supplies	60
4372	do	McBride, Nast & Co	Subscription	5
4373	do	Underwood Typewriter Co	Cinks	100 100 110 100
4374	do	L. W. Apperson	Hov	100
43/5	do	The Carborundum Co Central Scientific Co The Frederick Post Co. C. F. Miller. L. C. Smith & Bros. Typewriter Co The United States Blue Print Paper Co. The Ashcroit Mig. Co Ernst Leitz G. J. Kroeck & Co Marshall Field & Co. The Cudahy Packing Co. Crosby Steam Gage & Valve Co. The Whitaker Paper Co. White Line Steam Laundry P. Adams Library Bureau Library Bureau Library of Congress Fred M. Atkinson The Dixis Music House F. J. Burns & Co. C. W. Johnson The Anglers' Bait & Mig. Co C. H. Stoelting Co Powers & Powers Goder-Heimann Co. W. Atlee Burpee & Co. The National Nurseryman PublishingCo. W. F. Hardy The Western Gas Fixture Co McBride, Nast & Co Underwood Typewriter Co L. W. Apperson Houser & Sutton B. H. Blake. William Sullivan Cyphers Incubator Co.	Balance on machine Paper Cards Laboratory apparatus. Trays Towels Soap powder Labor and material. Paper Washing Labor Label holders Balance on cards Loan Drum supplies Frogs Galvanized pan Frogs and turtles Supplies Amoeba Specimen Seeds Subscription Machinery Supplies Subscription Platen Sinks Hay Cushions Rental Poultry supplies	100
43/0	do	William Sullivan	Rental	400

0.	Date.	To whom.	For what.	Amoun
	1913.	Freeman & Brooks Simplex Time Recorder Co. The ideal Electric Co. Dryer & Burt Jennie C. Barlow B. O. Aylesworth. Geo. B. Carpenter & Co. Jacob White. Twin City Roofing & Sheet Metal Works C. N. Clark & Co. William Price Estate. American Radiator Co. American LaFrance Fire Engine Co. Fort Wayne Electric Works. The Kny Scheerer Co. General Refractories Co. L. M. Ellison Illinois State Penitentiary. Bryan Marsh Electric Works Martin Metz.		
1379	Mar. 6	Freeman & Brooks	Labor and material	\$ 7
1380	do	Simplex Time Recorder Co	Sheets	9
1381	do	The Ideal Electric Co	Corn and wheat	113
1382	do	Jannia C. Barlow	Sarvices	125 60
384	do	B O Avlesworth	Lecture	25
385	do	Geo. B. Carpenter & Co.	Supplies	. 12
386	do	Jacob White	Plastering	· 12
387	do	Twin City Roofing & Sheet Metal Works	Metal supplies	39 2 7
388	do	C. N. Clark & Co	Labor	2
389	do	William Price Estate	Papering	7
390	do	American Radiator Co	Repairs	12
391	do	American LaFrance Fire Engine Co	Clotning.	41
392 202		The The Cohester Co	Modele	73 215
อยอ อดส	do	Conoral Refrectories Co.	Clay	30
305 305	do	I. M Ellison	Draft gage	30
396	do	Illinois State Penitentiary	Furniture	265
397	do	Bryan Marsh Electric Works	Sunnlies	265
398	do	Martin Metz	Repairs.	3
399	do	People's Cooperative Co	Jars	5
400	do	J. H. Carter	Repairs Jars Expenses	5 96
401	do	The Linde Air Products Co	Oxygen Blanks	8 12
402	do	The Elliott Co	Blanks	12
403	do	Bryan Marsh Electric Works Martin Metz. People's Cooperative Co. J. H. Carter The Linde Air Products Co. The Elliott Co. Commerical Acetylene Ry. Light & Signal Co.	1~	
	l .	Commerical Acetylene Ry. Light & Signal Co. Jahn & Ollier Engraving Co. R. R. Donnelly & Sons Co. P. D. Foster G. I. Alden, Contractor Buckeye Engine Co. M. C. Clark Publishing Co. The American Architect D. Van Nostrand Co.	Gas	3 2
404	do	Jahn & Ollier Engraving Co	Diagrams	2,
405	do	R. R. Donnelly & Sons Co	Etchings.	2
1405	do	P. D. Foster	Scale base. Payment on contract.	1 000
1407	do	Buckeye Engine Co	Globes	1,800 5
1400	do	M. C. Clark Publishing Co.	Book Advertising Books Dynamo Meter	9
1410 1410	do	The American Architect	Advertising	2 39
1411	Mar. 7	D Van Nostrand Co	Books	1
412	do.	The American Architect D. Van Nostrand Co. The Esterline Co.	Dynamo	1 51 17 2 20
413	do	Pittsburgh Meter Co	Meter	17
414	do	Pratt & Whitney Co	Drill	2
1415	do	The Potter's Supply Co	Flint Apparatus Slides	. 20
416	do	Albert Wuestman	Apparatus	1 4
417	do	H. V. Roberts	Slides	33
1418	do	James Irvine	Feed	
1419	do	P. R. Palethorpe Co	Nicoticide	27 7
1420	do	Peoria Star Co	Advertising	17
1421	ao	Tice & Lynch	Labor and averages	18 41
422		Will. Gaertner & Co	Nicoticide Advertising Entry fees Labor and expenses Book Expenses Rocks	41
1494	do	T F Smith	Evnancee	3 18 59
495	do	West Publishing Co	Books	50
426	do	T. L. Cole	do	3
427	do	Callaghan & Co	do	7
428	do	The Carswell Co	do	26
429	do	Chivers Book Binding Co	do	3
430	do	Julius Kuhlman	do	2
431	do	Ginn & Co	BAPELISES BOOKS . do	3 7 26 3 2 2
432	do	Office of the Publisher's Weekly	Sub index	4
433	do	Americus Book Co	Books	21
434	do	Brownfield & Turner	Books Coal Repairing Stamms	2 4 21 9 3 5
435	ao	Morron & Wontho	Repairing	3
430	do	Meyer & Wenthe	Stamps. Paper cutters. Guides. Ribbons.	5 5 4
437		W. D. Messinger & Co	Cuidea	0
490	do	The Adder Machine Co	Ribbone	4
440	do	W W Lindley Postmester	Denosit	50
441	do	Colville Bros	Directory	5
442	do	Powner's Book Store	Deposit Directory Book	5 6
443	do	Peerless Belt Lacing Machine Co	Lacing	3
444	do	Rundle Spence Mfg. Co	Stopcock	ĭ
445	do	Merck & Čo.	Chemicals	3 1 7
446	do	The American Seeding Machine Co	Lacing	2
447	do	Swift & Co	Fertilizer	13
448	do	F. W. Gault	Expenses	39
449	do	Wm. Aten, Sr	do	3 21
450	do	French Batter & Carbon Co	Telephone	21
451	do	Kaipn Hilscher	Expenses	46
452	do	MaCross IIII Book C-	Pooles	64
1453	do	McGraw-HIII Book Co	Kepars Fertilizer Expensesdo Telephone. Expensesdo Books Supplies	8
454	00	M. C. Clark Publishing Co. The American Architect D. Van Nostrand Co. The Esterline Co. Pratt & Whitney Co. Pratt & Whitney Co. The Potter's Supply Co. Albert Wuestman H. V. Roberts James Irvine P. R. Palethorpe Co. Peoria Star Co. Tice & Lynch Wm. Gaertner & Co. D. Appleton & Co. D. Appleton & Co. D. Appleton & Co. J. E. Smith. West Publishing Co. T. L. Cole. Callaghan & Co. The Carswell Co. Chivers Book Binding Co. Julius Kuhlman Ginn & Co. Office of the Publisher's Weekly Americus Book Co. Brownfield & Turner L. J. Weiler. Meyer & Wenthe. W. D. Messinger & Co. The Adder Machine Co. W. W. Lindley, Postmaster Colville Bros. Powner's Book Store. Peerless Belt Lacing Machine Co. Rundle Spence Mfg. Co. Merck & Co. The Adder Machine Co. Were & Co. The Adder Machine Co. Were & Co. The American Seeding Machine Co. Swift & Co. French Batter & Carbon Co. Swift & Co. French Batter & Carbon Co. Ralph Hilscher Edward Bartow. McGraw-Hill Book Co. Percival & Moorehead The Burr Co. Campbell & Spalding.	Supplies do Horse shoeing	11
400		Campbell & Spelding	Horse shooing	77 84
		Campudii & Spaiding	Trougg gunging	1 04

0.	Date.	To whom.	For what.	Amou
	1913.	Medart Patent Pulley Co. Mills Electric Co. Westinghouse Electric & Míg. Co. Western Electric Co. R. C. Wagner & Son. P. S. Campbell. Central Electric Co. C. A. Hall Hardware Co. Twin City Ice & Cold Storage. Knowlton & Bennett. Eimer & Amend. J. W. Butler Paper Co. The Carson-Payson Co. The Miller Harness Co. A. C. McClurg & Co. Keuffel & Esser Co. F. M. Leslie. Green Street Pharmacy Ernst Hertzberg & Sons. C. C. Short. Whitall Tatum Co. Hess Warming & Ventilating Co. Swartz Electric Shop. Vaughan's Seed Store. Walker & Mulliken. B. A. Strauch. General Electric Co. C. J. Welch. The Taylor Hardware Co. S. E. Huff & Co. D. H. Lloyde. W. W. Walls & Co. The U of I. Supply Store. The Garlock Packing Co. F. K. Robeson. G. C. Willis. Champaign Gas & Electric Supply Co. H. F. Chester. C. A. Denman, Contractor. G. E. Stechert & Co. Reliable Plumbing & Heating Co. E. H. Sargent & Co. Tablet & Ticket Co. Woldenberg & Schaar Sheldon Brick & Building Supply Co. G. W. Sheldon & Co. J. B. Clow & Sons Flat Iron Store Co. Flanigan-Pearson Co. Cunningham Bros. J. H. Doyle. Crane Co. A. Denman Contractor Co. Flanigan-Pearson Co. The Countingham Bros. J. H. Doyle. Crane Co. A. Hawley. Harry Picknell Otis & Moe. Metzler & Schafer Co. The Beardsley Hotel Co. Morava Construction Co. The Cast Products Co. F. A. Hawley. Harry Picknell Otis & Moe. Metzler & Schafer Co. The North Western Mig. Co. Freeman & Brooks. The Carson-Payson Co. The North Western Mig. Co. Freeman & Brooks. The Carson-Payson Co. The North Western Mig. Co. Freeman & Brooks. The Carson-Payson Co. The North Western Mig. Co. Preserver Are Schafer Co. The North Western Mig. Co. Freeman & Brooks. The Carson-Payson Co. The North Western Mig. Co. Freeman & Brooks. The Carson-Payson Co. The North Western Mig. Co. Partagraph Printing & Stationery Co. Orr & Lockett Hardware Co.		
1457	Mar. 7	Medart Patent Pulley Co	Machine parts	\$ 5
1458	do	Mills Electric Co	Supplies	68
459	do	Westinghouse Electric & Mfg. Co	Tape	62
460	do	Western Electric Co	Supplies	200
461	do	R. C. Wagner & Son	Labor and material	43
462	do	P. S. Campbell	Printing	183 27
463	do	Central Electric Co	Supplies	183
464	do	C. A. Hall Hardware Co	do	27
465	do	Twin City Ice & Cold Storage	Ice	16
466	do	Knowlton & Bennett	Drug supplies	19
467	do	Eimer & Amend	Laboratory supplies	191 72 129
468	do	J. W. Butler Paper Co	Stationery	72
469	do	The Carson-Payson Co	Labor and material.	129
470	do	The Miller Harness Co	Harness	93 120
471	do	A. C. McClurg & Co	Books	120
472	do	Keuffel & Esser Co	Supplies	28
473	do	F. M. Leslie	Frames	90
474	do	Green Street Pharmacy	Supplies	104
475	do	Ernst Hertzberg & Sons	Book binding	104
476	do	C. C. Short	Blacksmithing	6
477	do	Whitall Tatum Co	Supplies	60
478	do	Hess Warming & Ventilating Co	Laboratory supplies	31
479	do	Swartz Electric Shop	Supplies	7
480	do	Vaughan's Seed Store	Seeds	23
481	do	Walker & Mulliken	Furniture	104 60 31 7 23 7 35 198
482	do	B. A. Strauch	Photo supplies	35
483	do	General Electric Co	Supplies	198
484	do	C. J. Welch	Concrete work	37
485	do	The Taylor Hardware Co.	Supplies	20
486	do	S. E. Huff & Co.	Lumber	20 110
487	do	D. H. Lloyde	Supplies	82
488	do	W. W. Walls & Co	Lumber	227 182
480	do	The II of I Supply Store	Stationery etc	189
400	do	The Carlock Packing Co	Supplies	40
101	do	F K Roberon	Dry goods	21
402	do	G C Willie	do	20
402	do	Champaign Gog & Floatric Supply Co	Floatrical cumplies	20 32
101	do	H F Chester	Horse shooing	28
405	uo	C A Denmen Centrester	T abor and material	189
400	uo	C F Stochart & Co	Pooles	222
407	do	Polichle Diambing & Treeting Co	Cumpling	242
400		T H Correct & Co	T oboratory supplies	266
400	do	Mobilet & Wielest Co	Cumpling	22 366 17 40
499		Woldenberg & Cobsess	Diabas	1 10
000	qo	Wordenberg & Schaar	Disnes	3
500	do	oneiden brick & building supply Co	Duties and shanges	000
502	do	T D Clarr & Cong	Cumplies	22 32 20 181
503	do	J. D. Clow & Soils	Supplies	32
504	uo	Elanian Deserte Co	Dry goods	101
000		Commission Days	Commiss	101
000	qo.,	Cumingnam Bros	Supplies	64 73
100		Onema Ca	Matal semuliar	144
800	ao	A minto City dia	Metal supplies	144
509		Aristo Studio	Labor and material	_1
010	ao	white Line Steam Laundry	wasning	- 59 17
511	qo	Who Decodeless II stal Co	Expenses	17
TZ	uo	Moreove Construction Co	Dayment on contract	95 145
113	uo	The Coast Products C-	Emile	25, 145 130 82
114	op	TO A Transland	Composto	190
110	uo	Towns Dielevell	Described WORK	82
걸입	uo	Otio & Mas	Douginuts	4
17.	oo	Motorlan & Colorfon Co	Changing	20 32
18	o	Michael & Schaler Co	Clab against ins	32
15	o!	The Survey	Disimfortant	11
20	ao	The North Western Mig. Co	Dismiectant	11
ZI	ao	Freeman & Brooks	Labor and material	1, 080 4
22	do	The Carson-Payson Co	Payment on contract	1,080
23	ao	The New York Botanical Garden	B00K	4
24	ao	E. J. Usiar	Cocoons	3 27 12
25	do	The varsity Print Shop	Bulletins	27
526	do	A. Gerbel	B00k	12
527	do	Paul Gottschalk	B00ks	1
528	do	American Civic Association	do	9 344
529	do	J. Terquem & Cie	do	344
530	do	J. E. Meharry	Sow	81
531	do	H. Mueller Mfg. Co	Stops	14
532	do	Burley & Co	Dishes	14 244
533	do	The Boston Book Co	Books.	7
204	do	Pantagraph Printing & Stationery Co.	Supplies	143 28
2341				

0.	Date.	E. M. Moll.  Mittendorf & Kiler National Engraving Co. A. T. Mills. L. R. Ingersoll L. A. McLean Agent Fred Burgener, Administrator Electric Specialty Co. C. Beers, Jr. G. W. Beardsley M. R. Carlson C. Beers, Jr. Otto Schwartz. Earl Garver G. W. Beardsley M. R. Carlson C. Beers, Jr. Otto Schwartz. Earl Garver G. W. Beardsley A. W. Stoolman Ingersoll-Rand Co. J. O. Toland. Olney Milling Co. A. J. Beatty H. A. Hollister C. B. Gibson Rosa Lee Gaut S. O. Andros The Saffell Co. C. W. Groves W. W. Lindley, Postmaster Axley Co. George Kubacki George L. Koch Ellen M. Henrotin Fred L. Hatch C. E. Smith, Contractor J. Terquem & Cie. Societe Generale D'Imprimerie Plon-Nourit & Cie. Harvard Apparatus Co. J. & A. Churchill Leavitt Mfg. Co. William Hix R. K. Hursh The Brace Chair Co Vittorio Alinarie Association of American Law Schools Bernh. Liebisch Gustave Fock Karl W. Hiersemann R. Friedlander & Sohn Bernard Quaritch Montgomery Ward & Co. George Harding Paul Geuthner John Davis Ulrico Hoepli W. Heffre & Sons, Ltd Alfred Noyes J. & A. Churchill T. J. Burrill Moody Manual Co Freeman & Brooks, Contractors Carter A. Bahrenburg Electric Cool Co A. J. Kowsky Twin City Creamery Co. Twentieth Century Press Clipping Buroau Co Eastman & Brooks, Contractors Carter A. Bahrenburg Electric Cool Co A. J. Kowsky Twin City Creamery Co. Twentieth Century Press Clipping Buroau Co Enter Amend Sauveur & Boylston General Chemical Co H. H. Shuieldt & Co Eastman Kodak Co Enter Terporn Eros. Co H. H. Shuieldt & Co H. H. Shuieldt & Co H. H. Shuieldt & Co H. H. Shuield & Co H. H	For what.	Amour
	1913.			
536	Mar. 7	E. M. Moll.	Repairs	\$ 4
537	ob	Mittendorf & Kiler	Supplies	8
538	40	National Engraving Co	Etchings	35
530	Mon 11	A T Mills	Entry foo	2
540	mar. II	A. I. MIIIS	Entry lee	
1040	ao	L. R. Ingerson	Expenses	15
1541	do	L. A. McLean Agent	Premium on policy	59
542	do	Fred Burgener, Administrator	Salary, June, 1912	50
1543	ob	Electric Specialty Co.	Junction boxes	15
1544	do	C Roore Ir	Wage March 1_2 1013	3
545		C W Doordalow	Wagos, Fabruary 1019	40
1540	qo	W. Deardsley	Wages, repruary, 1915	40
1040	ao	M. R. Carison	Expenses	33
1547	do	C. Beers, Jr	do	10
1548	do	Otto Schwartz	do	13
1549	do	Earl Garver	do	11
1550	do	G W Reardsley	do	6
1551	do	A W Stoolman	Labor and material	114
1550		In manual Danid Ca	Compression	1, 443
1552	do	ingerson-Rand Co	Compressor	1,443
1003	do	J. O. Toland	Clover seed	84
1554	do	Olney Milling Co	Feed	28
4555l	do	A. J. Beatty	Expenses	7
1556	do	H. A. Hollister	ldo	106
1557	do	C B Gibson	Lèctures	100
1550	30	Posa Las Cont	Wages Debruary 1019	48
1000	ao	nosa nee Gaut	Wages, Debruary, 1915	10
1009	ao	D. U. Alluros	Expenses	12
1560	do	The Saffell Co	Hardware	43
1561	do	C. W. Groves	Lists	14
4562	do	W. W. Lindley, Postmaster	Deposit	10
4563	do	Axley Co	Hav	164
4564	do	George Kubaaki	Machina	38
1565	uo	Coorgo T. Zoob	Tor	30
1500	ao	George L. Koch	пау	30
4566	do	Ellen M. Henrotin	Expenses	12
4567	do	Fred L. Hatch	do	109
4568	do	C. E. Smith. Contractor	Labor and material	88
4569	Mar 19	J. Terguem & Cie	Book	2
4570	do 12	Societa Concrela D'Imprimeria	do	l â
1571	40	Dlan Maranit & Cia	Doolea	21
407 I	ao	Flou-Nourrit & Cie	G1	2.
4572	do	Harvard Apparatus Co	Supplies	28
4573	do	J. & A. Churchill	Book	2
4574	do	Leavitt Mfg. Co	Labor	113
4575	do	William Hix	Teaming.	4
4576	do	R K Hursh	Expenses	77
4577		The Press Chair Co	Chaire	169
4570	do	Trittenia Alimania	Dooles	108
40/8	ao	VILLOFIO Almarie	D00K8	
4579	do	Association of American Law Schools	Dues	10
4580	do	Bernh. Liebisch	Books	27
4581	do	Gustave Fock	do	
4582	. ob	Karl W. Hiersemann	do	12
1583	40	R Friedlander & Sohn	do	-7
1500	uo	Domand Ossanitah	do	
4004	ao	Bernard Quarticit	041 41-	
4585	ao	Montgomery ward & Co	On tank	1 .
4586	do	George Harding	. do	. 10
4587	do	Paul Geuthner	. do	. 8:
4588	do	John Davis	. do	.  :
4580	do	Ulrico Hoenli	do	18
4500	do	W Haffer & Song Ltd	do	
4501	uo	Alfred Morres	Lactures	12
1001	qo	Amou Noyes	Deal-	125
4592	do	J. & A. Unurchill	D00K	
4593	do	T. J. Burrill	Allowance	250
4594	do	Moody Manual Co	Subscription	. 1
4595	do	Freeman & Brooks, Contractors	Payment on contracts	1, 25
4506	do	Carrie A. Bahrenburg	Expenses	7.47
4507	do	Electric Cool Co	Cool	3, 15
4E00	uo	A T T overaless	Pacital	0,10
+998	маг. 13	A. J. KOWSKY	Colt al 23	. 4
4599	Mar. 14	Twin City Creamery Co	sait and milk powder	4
4600	do	Twentieth Century Press Clipping	[	1
		Bureau	Clippings	
4601	do	Osgood Scale Co	Scale	6
1001		Fimor & Amond	Tore	3
4700	uo	Common & Alliciu	T aharatarr ammaratus	96
4/03	ao	pauveur & Boyiston	Laboratory apparatus	ب ا
4604	do	General Chemical Co	supplies	. 64
4605	do	H. H. Shufeldt & Co	Alcohol	112
4606	- do	Eastman Kodak Co	Films	
4607	do	Schermerhorn Bros Co	Mons	3
4600	do	H I Corporter	Tuning nianos	1 %
±008	ao	Ct. I. Carpenter	Cumplies	
4009	do	DL. LOUIS Brass Mig. CO	entitues	4 4
4610	do	H. M. English	Eggs	.]
4611	do	Champaign & Urbana Water Co	Water	.  :
	3.	Champaign Gas & Electric Supply Co.	Supplies	14
4612				. î

## ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	To whom.	For what.	Amou
	1913.	Ledder & Probst. A. & E. Tarbox. Leigh F. Maxcy. H. P. Rusk J. V. Stevenson. The Carl Bajohr L. C. Co. Medart Patent Pulley Co. R. R. Donnelley & Sons Co. Celfor Tool Co. Eagle Stamp Works. The Engineering Magazine. Louis Melind & Co. C. J. Welch, Contractor G. W. Sheldon & Co. O. S. Watkins. Pearl Lee. Callaghan & Co. The Thompson & Norris Co. E. E. Hoskins. German Kall Works. Lemcke & Buechner Chicago Fire Proof Storage Warehouse. The Celluloid Co. Twin City Printing Co. Illinois State Reformatory. Twin City Roofing & Sheet Metal Works Champaign Steam Laundry. Central Electric Co. E. H. Sargent & Co. Mittendorf & Kiler The Saffell Co. General Electric Co. F. A. Wilske. H. McFadden & Bro. P. Adams Westerlin & Campbell Co. New York Incandescent Lamp Co. The Hektograph Mfg. & Dup. Co. White Line Steam Laundry. Geo. Banta Publishing Co. Illinois State Gampbell Co. New York Incandescent Lamp Co. The Hektograph Mfg. & Dup. Co. White Line Steam Laundry. Geo. Banta Publishing Co. Illinois Firinting Co. Palmer & Harris. The Chicago Tribune. Richard Wunderlich C. M. Kellog. The Angler's Bait & Mfg. Co Edward Pennock C. C. Adams Louis Ernst & Sons. F. W. Muncie. A. H. Nehrling G. L. Peltier C. M. Robinson. F. M. Foltz.		
314	Mar. 14	Ledder & Probst	Drawing boards	\$ 37
315	do	A. & E. Tarbox	Cockerel	10
316	do	Leigh F. Maxcy	Services	30
317	do	H. P. Rusk	Expenses	6
018	do	J. V. Stevenson	Tightering condense.	4
919	do	The Carl Bajonr L. C. Co	Lightning conductors	73
020		D. D. Donneller & Cong. Co.	Pulleys	640
021	do	Colfor Tool Co	Machinery	9
692	uo	Forlo Stomp Works	Supplies	1
624	uo	The Engineering Magazine	A dyorticing	1 2
695	uo	Louis Molind & Co	Dubbor stomps	4
306	do	C I Walch Contractor	Final nayment on contract	339
327	do	G W Sheldon & Co	Face and charges	4
200	do	O S Watking	Evnonger	7
200	do	Paarl Laa	do	16
220	uo	Callaghan & Co	Rooks	27
201	uo	The Thompson & Norris Co	Book wrong	21
100	do	F F Hoskins	Exponese	32
202	uo	Corman Vali Works	Carlfoto	92
000	ao	Tamala fa Buckhan	Cubaction	132
150		Chicago Fine Proof Store as Worshouse	Subscription	197
100	uo	The Collulated Co.	Coch chooks	$\frac{3}{10}$
200		Twin City Printing Co	Tabor and material	10
100		Illinois Pross Clinning Democr	Clipping corvious	10
30		Matelon & Cobefor Co	Creaming Services	10
39	o	Tilinois State Deformateur	Drinting	55 86
40		Dryin City Doofing & Chart Marin	Cumplies	86
41		Chamber Steer T Wetai works	Supplies	49 58
42	do	Control Electric Co	wasning	98
43		C A Tall Handware C	suppnes	34 37
44	do	E II Comment & Co	Tabanatana amailia	31
45	ao	E. H. Sargent & Co.	Laboratory supplies	65 315
146	qo	Mittendori & Kiler	Furniture	315
47	ao	The Saliell Co	Hardware	20 122
48	ao	General Electric Co	supplies	122
149	mar. 17	F. A. WISKE	Labor	1 10
550	do	H. McFadden & Bro	On mear	10
551	do	P. Adams	Hauling	14
552	do	Westerlin & Campbell Co	Gums	1
553	do	New York Incandescent Lamp Co	Supplies	40
554	do	The Hektograph Mig. & Dup. Co	Duplicator	21
555	do	White Line Steam Laundry	Washing	21
556	do	Geo. Banta Publishing Co	Reprints	5 17
557	do	Illinois Printing Co	Booklets	17
558	do	Palmer & Harris	Entertaining	83
559	do	The Unicago Tribune	Advertising	6
60	do	Richard Wunderlich	Repairs	39 55
61	do	C. M. Kellog.	Tuning fork	55
662	do	The Angler's Balt & Mig. Co	Frogs	2
663	do	Edward Pennock	Laboratory apparatus	32
664	do	C. C. Adams	Expenses	
65	do	Louis Ernst & Sons	Squares	12
666	do	F. W. Muncie A. H. Nehrling G. L. Peltier C. M. Robinson	Expenses	13
67	do	A. H. Nenrimg	ao	15
68	do	G. L. Peltier	Lectures and expenses	13
69	do	U. M. Kopinson	Lectures and expenses	324
70	do	The Urbana Courier Co. C. J. Welch. R. T. Stull	Repairing Bulletins Concrete work Expenses Machine Rutile Supplies	4
	do	The Orbana Courier Co	Dunetins	12 4
72	do	D. M. CH11	Concrete work	4
73	do	Marallan Daga	Expenses	93 465
14	do	Mueller Bros American Rutile Co Western Electric Co	Datile	405
(5)	do	Magtern Electric Co	Kutile	4
76	do	W estern Electric Co	suppnes	34
77	ao	Off Allyn	Expenses	000
1/8	qo	The retroleum from works to	Tallks	292 5
19	ao	D. C. Wassen & Con	Cool	.5
80	ao	A. O. Wagner & Son.	Don outs	13
IIS	qo	American Ky. Master Mechanic's Assn	Keports	2
82	ao	News Process Truit D	Drille	3
083	ao	Transportional Ashages Constitute C	DIIIS	17
84	ao	The Char A Strelinger C	Lieurodes	17
085	do	The Chas. A. Streilnger Co	Hardware	4
986	ao	Crerar, Adams & Co	Steel tubing	100
587	do	The Marine Biological Laboratory	Kent of room	100
188	do	Western Electric Co Orr Allyn The Petroleum Iron Works Co The Chas. A. Strelinger Co. R. C. Wagner & Son. American Ry. Master Mechanic's Assn. Union Twist Drill Co. New Process Twist Drill Co. International Acheson Graphite Co. The Chas. A. Strelinger Co. Crerar, Adams & Co The Marine Biological Laboratory Central Scientific Co. The Varsity Print Shop Leary Stuart & Co. Leary Stuart & Co. E. C. Richardson. G. Broes Van Dort Co.	Inermograph	57
589	do	The varsity Print Shop	Enrietins	. 36
10-1	do	Leary Stuart & Co	B00KS	$\begin{array}{ccc} & 2 \\ & 3 \\ & 22 \end{array}$
390	uo	= 0,5		

Го.	Date.	To whom.	For what.	Amou
	1913.			
	Mar. 17	The H. W. Wilson Co The National Geographic Society. The Enterprise Mig. Co Laura B. Evans. Yawman & Erbe Mig. Co The Weis Mig. Co. F. M. Leslie. Western Bank Note & Engraving Co. Goes Lighborraphic Co.	Books	\$ 3
1694	do	The National Geographic Society	Dues	
1695	do	The Enterprise Mfg. Co	Mill	13
4696	do	Laura B. Evans	Expenses	71
1697	do	Yawman & Erbe Mfg. Co	Cards	1 8
1698	do	The Weis Mfg. Co	Supplies	1 7
1699	do	F. M. Leslie	Framing	17
4700	do	Western Bank Note & Engraving Co	Diplomas	418
4701	ob	Goes Lighographic Co	do	65
4702	do	National Engraving Co	Supplies	
4703	do	Bertha Sharn	Salary, February, 1913.	55
4704	do	Machinists Supply Co	Kevs	
1705	do	The L. S. Starrett Co.	1Gaga	1
1706	do	Exporter's Englyslopeedic Co	Book	
4707	do	W W & F D Honor Most Mortest	Moot	1 3
1700	uo	The Western Cos Firstern Co	Chadaa	8
1700	do	Tarria Electric Consults Co	Shades	003
1709		Lewis Flectric Supply Co	Supplies	261
171U	ao	A. S. Nelson & Sons	Groceries	10
4711	do	G. C. Willis	Dry goods	1:
4712	do	J. T. Baker Chemical Co	Chemicals	18
4713	do	The National Geographic Society. The Enterprise Mig. Co Laura B. Evans. Yawman & Erbe Mig. Co The Weis Mig. Co. F. M. Leslie. Western Bank Note & Engraving Co. Goes Lighographic Co National Engraving Co. Bertha Sharp. Machinists Supply Co The L. S. Starrett Co. Exporter's Enclyclopaedia Co. W. W. & E. D. Hanes' Meat Market. The Western Gas Fixture Co. Lewis Electric Supply Co A. S. Nelson & Sons. G. C. Willis J. T. Baker Chemical Co. J. Manz Engraving Co. Oldham Brothers. Leedy Mig. Co. The Ideal Electric Co.	Labor and material	43
4714	do	Oldham Brothers	Oil and paint. Labor and material.	:
1715	do			
1716	do	The Ideal Electric Co	Supplies	355
1717	do	A. O. Magnuson. Percival & Moorehead. The University of Illinois Supply Store. H. W. Johns-Manyille Co. Walker & Mulliken. Western Carbon & Ribbon Co. H. Swennell & Sog.	Labor and material Supplies Labor and materials Hardware Supplies .do Furniture	160
1718	do	Percival & Moorehead	Hardware	1.
1719	. do	The University of Illinois Supply Store	Supplies	2
1720	do	H W Johns Manvilla Co	do	409
1721	do	Walker & Mullikan	Furnitura	70
1799	do	Wastern Carbon & Dibbon Co	Ribbons	';
1799		T Cwennell & Con	Dwgg	19
1700		Emat Hout-bar & Com	Dags	22
170°		Ernst Hertzberg & Sons	D7-	44
£/20	ao	A. C. McClurg & Co.	BOOKS	8'
1726	do	Bausen & Lomb Optical Co	Laboratory apparatus	25
1727	do	Illinois State Penitentiary	Furniture	788
1728	do	R. A. Stipes	Sand	1 (
4729	do	Champaign Daily Gazette	Advertising	
3730	do	S. E. Huff & Co	Lumber	17
4731	do	B. A. Strauch	Photo work	50
4732	do	Bennett's Newspaper & Magazine Agency	Subscription	49
4733	do	Western Carbon & Ribbon Co.  H. Swannell & Son Ernst Hertzberg & Sons. A. C. McClurg & Co. Bausch & Lomb Optical Co. Illinois State Penitentiary. R. A. Stipes. Champaign Daily Gazette. S. E. Huff & Co. B. A. Strauch. Bennett's Newspaper & Magazine Agency The Boston Book Co. The Alexander Lumber Co. W. Lewis & Co.	Books. Lumber, etc. Supplies. Lumber	3:
4734	do	The Alexander Lumber Co	Lumber, etc	8
4735	do	W. Lewis & Co	Supplies	14
4736	do	W. W. Walls & Co	Lumber	
4737	do	V. A. Ketcham	Expenses	97
4738	Mar. 18	O. E. Staples, Chief Clerk	Expenses Payments Snyder fund deposits Freight bills paid Sundry bills paid Student labor	650
4739	do	O. E. Staples Chief Clerk	Freight hills paid	29
4740	do	O. E. Staples Chief Clerk	Sundry hills paid	18
1741	do	O E Stanles Chief Clerk	Student labor	70
17/19	do	O. E. Staples, Chief Clerk	Express	8
1719	uo	E A Fish and	Collars	2
1711		Mag M D Tabandan	Transporter etc	7
4745		Downer & Downston	Insurance, etc	(
4740 4740	qo	Towers & rowers	Transamo and rusca	1 :
±/40	qo	The Alexander Lumber Co W. Lewis & Co. W. W. Walls & Co. V. A. Ketcham O. E. Staples, Chief Clerk D. E. Staples, Chief Clerk E. A. Eichorst Mrs. M. F. Johnston Powers & Powers Edward Eichorst F. C. Hubbard McGraw Bros	Hardware. Boxes and crates.	177
147	ao	r. O. Huppard	Doxes and crates	17
1/48	do	F. C. Hubbard McGraw Bros. Self Winding Clock Co. American Seating Co. Electric Coal Co. Jolly, Wieland & Richardson Co. J. Bowman. E. L. Whitney, Treasurer. H. A. Hollister. Maxwell Hay Co.	Groceries. Clocks, etc. Chairs.	
1749	do	Self Winding Clock Co	Clocks, etc	47
4750	do	American Seating Co	Chairs	58
1751	do	Electric Coal Co	Coal	23
4752	do	Jolly, Wieland & Richardson Co	Hardware	
4753	do	J. Bowman.	Hardware Paint and oil	
1754	do	E. L. Whitney, Treasurer	Dues	
4755	do	H. A. Hollister	Expenses	2
4756	do.	J. Bowman E. L. Whitney, Treasurer H. A. Hollister Maxwell Hay Co. The Society of American Bacteriologists H. D. Oberdorfer W. W. Lindley, Postmaster Standard Oil Co. L. Tercuem & Cie	Hav	40
4757	do	The Society of American Bacteriologists	Charts	1
1759	do	H D Oberdorfer	Expenses	72
1750	40	W W Lindley Poetmoster	Postage	7- 27:
4760	40	Standard Oil Co	Oil	6
4700		T Tonguage & Ois	Pooles	0
470C	uo	J. Terquem & Cie. G. E. Stechert & Co.	Books	
4702	αο	G. E. Stechert & Co	do	34:
4763	do	Leavitt Mig. Co	Supplies	10. 17
4764	ao	Crane Co	do	170
4765	do	Bacon Bros	Paint, etc.	1 14
4766	do	O. E. Staples, Chief Clerk O. E. Staples	Payments on dairy products	582
4767	Mar. 19	O. E. Staples	do	29
4768	do	The Burr Co	Labor and material	3, 52
4769	do	The Silica Syndicate. Eisenschmidt's F. E. Thompson	Supplies	84
4770	do	Eisenschmidt's	Books and maps	38
4111			Lecture	25

No.	Date.	To whom.	For what.	Amour
4880	1913.	The Jeffrey Míg. Co. Art Metal Construction Co. C. J. Welch, Contractor Pickering & Chatto Luzac & Co. G. Rapilly The Museum Book Store Fernando Fe. Albert Brecknock Mayer & Muller Halm & Goldmann Martinus Nijhoff D. H. Lloyde Otto Harrassowitz Pickering & Chatto J. B. Andrews J. R. Wells. A. E. Burwash George A. Turell J. V. Stevenson R. J. Stone. J. G. Imboden C. A. Marker Ira G. Sharp H. C. Augustus J. W. Garvey A. J. Lovejoy W. F. Merriman F. M. Mann C. M. Kellogg. The Traffic Service Bureau O. S. Fisher A. A. Stout International Harvester Co. T. J. Burrill A. A Armstrong H. A. Winter J. S. Pray The Automobile Supply Co. C. C. Smith J. M. Thorburn & Co. Theo M. Smith C. N. Clark & Co. R. T. Stull The Mandle-Sant Clay Co. Green Engineering Co.		
4772	Mar. 19	The Jeffrey Mig. Co	Machinery	\$ 701
4774	00	Art Metal Construction Co	Pigeon holes Payment on contracts	135 1,022
4775	do	Pickering & Chatto	Rooks	1,022
4776	do	Luzac & Co	Fayment on contracts.  Books  do  Books  do  Books  do  Books	26 97
5777	do	G. Rapilly	Book.	1 158 17 1
4778	do	The Museum Book Store	Books.	158
14779	do	Fernando Fe	do	17
4780	do	Albert Brecknock	Book	1
4781	do	Mayer & Muller	do	
4782	do	Halm & Goldmann	odo Booksdo Supplies Books .do Cappenses	9 13
4700	do	D. H. I lorde	Cumplies	95
4785	do	Otto Harraccowitz	Rooke	83
4786	do	Pielzaring & Chatta	do	19
4787	Mar 21	I B Androws	Expenses	32
4788	do	J. R. Walls	do	17
4789	do	A. E. Burwash	do	36
4790	do	George A. Turell	do. Insurance	59
4791	do	J. V. Stevenson	Expenses	6
4792	do	R. J. Stone.	Services	10
4793	do	J. G. Imboden	do	10 10
4794	do	C. A. Marker	Expenses Servicesdodo	10
4795	do	Ira G. Sharp	do	10
4796	do	H.C. Augustus	Rental	100
4797	do	J. W. Garvey	Services	5
4798	ao	A. J. Lovejoy	do	10 10
4000	do	W. F. Merriman	do. Expense advanced. Table and hammer	10
4800 4901	do	F. M. Mann	Toble and hommer	8 65
4001		The Treffe Convice Property	Book	6
4803	do	O S Figher	Expenses	15
4804	do	A A Stout	Straw	15 76
4805	Mar: 24	International Harvester Co	Freight	22
4806	do	T. J. Burrill	Expenses	6
4807	do	A. A Armstrong	Bull	600
4808	do	H. A. Winter	Services and expenses	16
4809	do	J. S. Pray	Table and hammer Book Expenses Straw Freight Expenses Bull Services and expenses Lectures and expenses . do Seeds	600 16 177
4810	do	The Automobile Supply Co	Supplies	41
4811	do	C. C. Smith	do	3
4812	do	J. M. Thorburn & Co	Seeds	5 500
4813	do	Theo M. Smith	Team	500
4814	do	C. N. Clark & Co	Seeds Team Labor Salary, September, 1912-March, 1913 Clay Links and clips Potassium cyanide. Chemicals Labor and material Expenses Fasteners	2
4810	ηαο	R. T. Stull	Salary, September, 1912-March,	175
4816	do	The Mandle Sant Clay Co	Clov	5
4817	do	Green Engineering Co	Links and clins	24
4818	do	A Daigger & Co	Potassium evanida	15
4819	do	A. H. Thomas Co.	Chemicals	21
4820	do	Ralph Chaplin	Labor and material	6
4821	do	Florence E. Watson	Expenses	8
4822	do	Shea Smith & Co	Fasteners	15 21 6 8
4823	do	J. E. Whitchurch	Expenses	33
4824	do	Galesburg Buggy Co	Hopper	13
4825	do	R. T. Stull.  The Mandle-Sant Clay Co. Green Engineering Co. A. Daigger & Co. A. H. Thomas Co. Balph Chaplin. Florence E. Watson. Shea Smith & Co. J. E. Whitchurch. Galesburg Buggy Co. McCray Refrigerator Co. Southern Illinois Penitentiary. The University Club of Urbana and Champaign. D. H. Stevenson. C. J. Badger. C. O. Taylor. The Home Telephone Co. Baker & Co. S. W. Parr. E. C. Schmidt. Stafford Engraving Co. American Hoist & Derrick Co. The Bruce Macbeth Engine Co. Eastman Kodak Co. F. N. Judson. A. J. Warren Brush Co. E. F. Bracken. G. E. Frazer. Library Bureau. Frances Simpson.	Fasteners. Expenses. Hopper. Refrigerator.	350
4826	do	Southern Illinois Penitentiary	Jackets and trousers	9
1827	μ.αο	The University Club of Urbana and	Entertaining	65
4200	do	Unampaign	Entertaining Expenses and services	00
±040 4890	do	C. T. Radgar	Expenses	94 21 71 100
4830	do	C. O. Taylor	Expenses. Straw Service Silver.	#
4831	do	The Home Telephone Co.	Service	100
4832	-do	Baker & Co.	Silver	1 4
4833	do	S. W. Parr	Meals	.1 4
4834	do	E. C. Schmidt	Expenses	14
4835	do	Stafford Engraving Co	Embossing	8
4836	do	American Hoist & Derrick Co	Machinery	48
4837	do	The Bruce Macbeth Engine Co	Silver Meals Expenses Embossing Machinery Coupling Frilms Expenses Brishes	° 11
4838	do	Eastman Kodak Co	Films	. 8
4839	do	F. N. Judson	Expenses	8 48 111 8
4840	do	A. J. Warren Brush Co	Brushes	28 50 25 37
4841	do	E. F. Bracken	Brushes Inspection and report Expenses	50
4842	do	G. E. Frazer	Expenses	25
4843	do	Library Bureau	Cards	37
4844	00	rances simpson	Expenses	25 19
4040 4494	00	Army & Novy Tournal	A dwartiging	1 18
2040 4947	do	G. E. Frazer Library Bureau Library Bureau Frances Simpson Adah Patton Army & Navy Journal Breitkopf & Hartel F. J. Burns & Co.	Expenses Cards Expenses . do Advertising Paper . Turtles	973
1040	uo	F T Rurns & Co	Turtles	9
		# · v · # ULLIO W OU	1 - cm 0100	٠ ،

о.	Date.	To whom.	For what.	Amou
10.10	1913.			
1849	Mar. 24	C. M. Parker J. C. Moore, Corporation Edward Pennock E. P. Dolbey & Co. The New York Tribune J. V. Cotta. W. George Covan Dallenbach Brothers Dennison Mfg. Co. J. F. Umpleby Thomas Mulligen W. C. Zimmerman Schweitzka Bros.	Advertising	\$ \$
1000	do	J. C. Moore, Corporation	Clides GIVISIONS	70
1020	do	E D Dolber & Co	Dubbar tubing	17
1853	do	The New York Tribune	Panare	1
4854	do	I V Cotto	Sarvicas	10
4855	do	W. George Covan	Expenses	10
1856	do	Dallenbach Brothers	Meat.	20
4857	do	Dennison Mfg. Co.	Tags	-e
4858	do	J. F. Umpleby	Hav	204
4859	do	Thomas Mulligen	Straw	39
4860	do	W. C. Zimmerman	Services	391
4861	do	Schweitzka Bros	Lettering doors	19
4862	do	The Cleveland Seating Co	Castings	) {
4863	do	Morse Twist Drill & Machine Co	Drills	1 3
4864	do	The Frederick Post Co	Drawing supplies	] .
4865	do	Lincoln Williams Twist Drill Co	Drills	1
4866	do	Detroit Twist Drill Co	Drill	
4867	do	The Bristol Co	Gauges	50
4808	do	Jahn & Ollier Engraving Co	Zinc diagram	1 0
4009 4070	00	The Standard Calorimeter Co	Repairs, etc	30
40/U	op	Conoral Floatric Co	Unioading coal	35 16
1011 1070	ao	Poorloy Loo	Date	4:
1012 1972	uo	W. C. Zimmerman Schweitzka Bros The Cleveland Seating Co. Morse Twist Drill & Machine Co. The Frederick Post Co. Lincoln Williams Twist Drill Co. Detroit Twist Drill Co. The Bristol Co. Jahn & Ollier Engraving Co. The Standard Calorimeter Co. P. Adams. General Electric Co. Pearley Lee. Merrell-Soule Co. T. H. Flood & Co. The A. H. Clark Co. C. M. McConn. Meyer & Wenthe. H. A. Hollister.	Mills nowder	4
1010 1871	uo	T H Flood & Co	Books	6
1975 1975	do	The A H Clark Co	do	1 1
487A	do	C. M. McConn	Evnances	1
1877	do	Mayor & Wontho	Stamns	1
4878	do	H A Hollister	Expenses	3
4879	do	American Educational Co.	Directory	1
4880	do	Meyer & Wenthe. H. A. Hollister. American Educational Co. Roovers Bros. William Murray F. W. Tanner The J. L. Mott Iron Works Alberene Stone Co. W. W. Lindley, Postmaster. P. S. Campbell E. C. Jeffrey. W. W. Walls & Co. Walker & Mulliken The Creamery Package Mfg. Co.	Zinc tane	1 3
4881	do	William Murray	Corn	56
4882	do	F. W. Tanner	Expenses.	1
4883	do	The J. L. Mott Iron Works	Sinks	1:
4884	do	Alberene Stone Co	Stone tops	47
4885	do	W. W. Lindley, Postmaster	Postage	47
4886	do	P. S. Campbell	Printing	3
4887	do	E. C. Jeffrey	Lecture	8
4888	do	W. W. Walls & Co	Lumber	6:
4889	do	Walker & Mulliken	Furniture	5
4890	do	The Creamery Package Mfg. Co The Miller Harness Co.	Repairs	5
4891	do	The Miller Harness Co	Repairs and material	5
4892	do	Leavitt Mig. Co	Labor and material	16
4893	qo	western Electric Co	supplies	4
4894 400	qo	Derrough & Co	Hardware	8
4000 4000	do	Eugene Dietzgen Co	Apparatus	1 1
4890 4007	00	T W Button Bonon Co	Paner	1
489 <i>1</i>	00	Champaign Cood Co	Faper	1
4000 4000		Flat Iron Store Co	Supplies	19
4000 4000		Sanghugah Salf Closing Intestand Co	Interested	10
4000 4001	do	Goo R Corporter & Co	Weste and necking	3
4900	do	O. E. Staples, Chief Clerk	Sundry hills paid	23
4902	Mar. 95	J. W. Amrine	Oil meal	29
4904	Mar. 26	The Miller Harness Co. Leavitt Mfg. Co. Western Electric Co. Derrough & Co. Eugene Dietzgen Co. The Champaign News. J. W. Butler Paper Co. Champaign Seed Co. Flat Iron Store Co. Sengbusch Seli Closing Inkstand Co. Geo. B. Carpenter & Co. O. E. Staples, Chief Clerk J. W. Amrine. Keuffel & Esser Co. C. H. Farthing. Standard Cap & Seal Co. W. N. Rudd. Pasteur Laboratories of America. W. D. MacClintock.	Paper and tables	55
4905	do	C. H. Farthing	Services	5
4906	Mar. 27	Standard Cap & Seal Co.	Caps and rings	4
4907	do	W. N. Rudd	Lectures	40
4908	do	Pasteur Laboratories of America	Tuberculin solution	
<b>19</b> 09	do	W. D. MacClintock. Geo. A. Ogle & Co. George Huff.	Expenses	
4910	do	Geo. A. Ogle & Co	Atlas	1
4911	do	George Huff	Expenses	3
4912	do	George Huff. Allen & Utzinger. U. & C. Ry., Gas & Electric Co. The Mayer China Co. Eimer & Amend.	Laboratory coats	1
4913	do	U. & C. Ry., Gas & Electric Co	Tar and gas	2
4914	do	The Mayer China Co	Clay	] _
4915	do	Eimer & Amend	Oven	7
4910	u0	III. D. Casii	Буропооз	
4917	do	W. J. Boehm	Glass ware	1
4918	do	A. J. Gunderson	Expenses	2
4919	do	B. S. Pickett	n.ag	2
4920	do	A. J. Gunderson B. S. Pickett Callaghan & Co Somers, Fitler & Todd Co Helena M. Pincomb	B00KS	3
4921	do	somers, Fitter & Todd Co	Hardware	3
4922	do	Heiena M. Pincomb	Expenses	5
4924	ao	Paul Hansen. Central Electric Co. Hunter Rourke & Co. Percival & Moorehead.	Supplies	5
4920 4000		Hunter Pourle & Co	Coal and lumber	0
±∂20 4007		Paraival & Magrahas	Hardware	89
	uo	T OF CLAST OF BEOOFGHOUGH	TTatuwato	1 1

# UNIVERSITY OF ILLINOIS. GENERAL UNIVERSITY WARRANTS-Continued.

о.	Date.	To whom.	For what.	Amou
1000	1913.	R. W. Braithwaite, V. S. Automatic Electric Co. S. E. Huff & Co. Knowlton & Bennett. Illinois State Reformatory. Frison Carriage Shop. The Ideal Electric Co. Green Street Pharmacy W. Lewis & Co. Mittendorf & Kiler D. H. Lloyde. J. T. Ryerson & Son. Henry A. Dreer. G. W. Sheldon & Co. John H. Doyle. Reliable Plumbing & Heating Co. O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk Harold Mount. A.JO. Magnuson. C. R. Sinclair. Marion E. Sparks. R. L. Chase. Charles Warriner. Howard McIntosh Bryne L. Ray. Kenneth Brown. Bert Sterenberg. Grant May. Mason Gladson. A. M. Bagusin. Eleanor Hubbard. W. E. Britton. Isabella Anderson. C. E. Myers. F. R. Miller H. T. Wood. H. G. Atkinson. E. U. Rugg. E. O. Fontaine F. C. Hare. H. M. English. J. Rachwalski. R. R. Danielson. Verna A. Manley. Fred Hawkins. C. P. Moore. Edward Brown. Eta Perry. J. E. Shipley. B. L. Morehouse R. Pergande. P. S. Nelson. Etta Perry. L. W. Porterfield. W. H. Clark Martin Sandwell M. C. Booher R. L. Keeley W. F. Olinger M. C. Booher R. L. Keeley W. F. Olinger M. C. Booher R. L. Keeley W. F. Olinger M. C. Booher R. L. Keeley W. F. J. Peterson. M. H. Anderson. G. A. Alalen. C. M. Allen C. H. Allen C. H. Allen C. M. Alord C. H. Allen		
1928 1000	Mar. 27	R. W. Braithwaite, V. S	Services	\$ 25 25
1929 1930	do	S E Huff & Co	Lambor	27
4931	do	Knowlton & Bennett	Supplies	38
1932	do	Illinois State Reformatory	Printing	391
1933	do	Frison Carriage Shop	Repairing	9
1934	do	The Ideal Electric Co	Supplies	148 22
1935	do	Green Street Pharmacy	đo	22
1936	do	W. Lewis & Co	do	299 107 11
1937	do	Mittendori & Kiler	Furniture	299
1938	do	D. H. Lloyde	Stationery, etc	102
IOVD	do	J. T. Ryerson & Son	Soods and plants	1 11
1941	do	G W Sholdon & Co	Face and charges	45
942	do	John H. Doyle	Hardware	43
943	do	Reliable Plumbing & Heating Co	Supplies	45 43 399 314
944	do	O. E. Staples, Chief Clerk	Students' payroll	314
945	do	O. E. Staples, Chief Clerk	Express	64 31
946	Mar. 31	Harold Mount	Wages, March, 1913	31
947	do	A.O. Magnuson	do	80
1948	do	C. R. Sinclair	do	80 54 32
949 0F0	do	Marion E. Sparks		32
051	uo	Charles Warringr	do	12 15
952	do	Howard McIntosh	do	10
953	do	Bryna L. Ray	do	14 25
954	do	Kenneth Brown	do	16
955	do	Bert Sterenberg	do	18 45 17 16 23 30
956	do	Grant May	do	45
957	do	Mason Gladson	do	17
958	do	A. M. Bagusin	do	16
959	do	Eleanor Hubbard	do	23
1960	do	W. E. Britton	do	30
960 1901	do	Isabella Anderson	do	13
902	do	U. E. Myers	do	10
064		T. R. Miller	do	18 10 16 18
965	40	H G Atkinson	do	1 18
966	do	E II Rugo	do	28
1967	do	E. O. Fontaine	do	28 14
1968	do	F. C. Hare	do	26
969	do	H. M. English	do	26 30 60 30
1970	do	J. Rachwalski	do	60
1971	do	R. R. Danielson	do	30
972	do	Verna A. Manley	do	31
973	ao	Fred Hawkins	do	20 40
075		Edward Proves	do	45
976	do	I. S Roldwin	do	41
977	do	M C Weaver	do	41
978	do	G. C. Ambrose	do	. 42
979	do	J. E. Shipley	do	· 42
980	do	B. L. Morehouse	do	85 85 39
981	do	R. Pergande	do	88
982	do	P. S. Nelson	do	39
983	do	EUR Perry	A+log	30
004		W. H. Clark	Words Morch 1013	10 94
980	uo	Wortin Sandwall	wages, maich, 1915	49
987	do.	M. C. Booher	do	70
988	do	R. L. Keelev	do	70 40
989	do	W. F. Conway	Butter	î
990	do	Emil Funk	do	i i
991	doi	H. E. Siegman	do	20
992	do	Litchfield Creamery Co	do	20 6 9
993	do	Monmouth Creamery Co	do	6
994	0	John Coleman	do	3
900	00	W. R. UHIIger	do	10 10
007	uo	Goo T Doordorf	do	10
998	do	P. J. Peterson	do	6
1999	do.	M. H. Anderson	.do	8
5000	do	F. J. Weddige	do	7
5001	do	D. A. Abrams.	Salary, March, 1913	133
5002	do	C. C. Adams.	do	137
5003	do	R. M. Alden	do	133 137 333 145
5004	do	C. W. Alvord	do	145 120 30
005	do	W. C. Allee	do	120
2000	ماہ ا	C. H. Allen	do	1 30

Vо.	Date.	L. F. Anderson S. O. Andros June M. Ashley Ruth S. Atwell G. D. Bagley W. C. Bagley W. C. Bagley W. H. Bair L. O. Baker R. E. Barto R. H. Bartells R. S. Barto R. J. Barton R. J. Barton R. J. Barton R. J. Barto R. J. Barto R. J. Beard R. J. Beard R. L. Borger R. O. Brigham R. L. Borde R. L. Rorde R. R. Carlon	For what.	Amou
	1913.			
5007	Mar. 31	L. F. Anderson	Salary, March, 1913	\$208 150 30
5008	do	S. O. Andros.	do	150
5009	do	June M. Ashley	do	30
5010	do	Ruth S. Atwell	do	60
5011	do	G. D. Bagley	Scholarship, March, 1913	25 291 50 50 333 30 150
5012	do	W. C. Bagley	Salary, March, 1913	291
5013	do	Margaret L. Bailey	Fellowship, March, 1913	50
5014	do	W. H. Bair	Salary, March, 1913	50
5015	do	I. O. Baker	do	333
5016	do	R. E. Baker	do	30
5017	- do-	E. C. Baldwin	do	. 150
5018	do	C W Rallza	do	103
5010	40	Pongu Borgor	do	30
5020	do	Brongon Barlow	do	50
:020	uo	T M D	ao	1 20
2027	do	J. T. Barrett	qo	58
0022	ao	H. H. Bartells	do	50
0023	do	P. S. Barto	do	50 58 50 100 250 291 100 187
5024	do	H. J. Barton	do	250
5025	do	Edward Bartow	do	291
5026	do	S. J. Bates	do	100
5027	do	W. S. Bayley	do	187
5028	do	G. D. Beal	do	120
5029	do	I. H. Beard	l do	190
ร์กรีก	do	I R Rock	do	166
5021	40	Pohert Reals	do	100
:030		T TO Dell	a.	187 120 120 166 75 60 291 250
บอ⊿	100	J. 13, 13611		1 000
2000	qo	B. W. Benedict	ao	291
034	qo	Magison Bentley	do	250
5035	do	E. J. Berg	do	$\begin{bmatrix} 333 \end{bmatrix}$
5036	do	Daisy L. Blaisdell	. do	100 116 120 250 250
5037	do	D. S. Blondheim	do	116
5038	do	Leonard Bloomfield	do	120
5039	ob .	B H Bode	do	250
5040	do	E. L. Bogert	do	250
5041	40	G P Roomelitor	do	130
5049	do	Ethal Dand		100
2042	uo	D I Domes		100
0040	ao	K. L. Borger	do	120
5044	do	C. V. Boyer	do	130 83 125 120
5045	do	R. O. Brigham	do	60
5046	5 do	Alice D. Brooks	do	30
5047	do	Morgan Brooks	do	250 200 80
5048	3 do	N. C. Brooks	do	200
5049	0 do	Verna Brooks	do	86
5050	do	F. F. Brown	do	20 80 183
5051	do	Elizabath P Bruch	do	80
5052	do	I M Bryont	do	102
5052	do	XV A Duchen	do	110
2020	do	A M Duck		110 150
JU04	uo	A. M. DUCK		150
กักอิจ	ao	S. J. Buck	ao	116 166
056	do	W.E. Burge	do	166
057	do	L. V. Burton	do	30
058	do	S. C. Burton	do	120
5059	do	H. V. Canter	do	166 333 208 166
5060	do	A. P. Carman	do	333
5061	do	D. H. Carnahan	do	208
5062	do	F. W. Carpenter	.do	166
เกลร์	do	G. E. Carscallen	do	166 75 125 100 229 120 166 30 416 250
1064 1064	do	H V Carson	do	100
COST	uo	Por Conton	uu	120
0000		A T Chitton Jon	uu	100
OUDO	ao	A. K. Unittenden	ao	229
0067	do	E. W. Chittenden	ao	120
068	do	O. R. Clark	do	166
5069	do	K. A. Clark	do	30
5070	do	T. A. Clark	do	416
5071	do	L. D. Coffman	do	250
5079	do	Alexander Cohn	do	130 130 90
5072	do	A C Cole	do	137
5074	40	Wide Colling	do	100
シングダ	40	A Te Comatool	40	100
2010	Jao	IT D Comment		180
5076	ao	±. ғ. Corson	ao	100
5077	do	F. K. Cowley	ao	120
5078	do	Jennie A. Craig	do	180 100 120 75 141
5079	do	A. R. Crathorne	do	141
5080	do	H. L. Creek	do	120 15 110 300
5081	do	W. E. Cummins	ldo	15
	1 3.	Florence R Curtic	l do	1110
5082	: OD			

ю.	Date.	To whom.	For what.	Amou
	1913.	Juanita E. Darrah Lloyd Davis. R. E. Davis. B. S. Davis. B. S. Davisson E. H. Decker J. A. Dent. W. W. Penton C. G. Derick E. R. Dewsnup J. K. Ditchy. W. F. Dodd D. K. Dodge A. B. Domonoske G. W. Dowrie. F. K. W. Drury. F. O. Dufour J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn		
5084	Mar. 31	Juanita E. Darrah	Salary, March, 1913	\$ 10 30 100 50 250
5085	do	Lloyd Davis	do	30
5086	do	R. E. Davis	do	100
5087	do	B. S. Davisson	do	50
5088	do	E. H. Decker	do	250
5089	do	J. A. Dent	do	150 120 141
090	do	W. W. Denton	do	120
091	do	C. G. Derick	do	141
092	do	E. R. Dewsnup	do	250
093	do	J. K. Ditchy	do	80 166
094	do	W. F. Dodd	do	166
1095	do	D. K. Dodge	do	250
098	do	A. B. Domonoske	do	140
097	do	G. W. Dowrie.	[do	.90
098	do	F. K. W. Drury	[do	250 140 90 166
099	do	F. O. Dufour	do	166 229 90
100	do	J. C. Duncan	do	229
101	do	J. M. Duncan	do	90
102	do	R. S. Dunham	do	. 10
103	do	Fannie Dunlap	do	55
104	do	H. H. Dunn	do	91
105	do	R. A. Dutcher	do	55 91 60 130 30 50
106	do	H. S. Eames	do	130
107	do	E. T. Ebersol	[do	30
108	do	W. E. Eells	Fellowship, March, 1913	50
109	do	W. E. Ekblaw	Salary, March, 1913	60
110	do	Frederick Ellis	do	150
111	do	Arnold Emch	do	166 166
112	do	M. L. Enger	do	166
113	do	E. W. Engle	do	30
114	do	N. E. Ensign	do	120 20 30 250 50 140 60 166
115	do	L. B. Ermeling	do	20
116	do	L. T. Fairhall	do	30
117	do	J. A. Fairlee	[do	250
118	do	R. N. Fargo	do	50
119	do	S. P. Farwell	do	140
120	do	E. C. Faust	}do	- 60
121	do	Mary E. Fawcett	do	166
122	do	Winifred Fehrenkamp	do	70 75 60
123	do	Emma Felsenthal	do	75
124	do	H. F. Ferguson	do	60
125	do	E. E .Fiero	do	45
126	do	E. J. Filbey	do	166 120 208
127	do	1. W. Fisk	do	120
128	do	J. D. Fitzgerald	do	208
29	do	E. B. Flanigan	do	80
130	do	F. L. Fleener	do	40 125
131	do	V. R. Fleming	do	125
132	do	C. H. Fletcher	do	15
133	do	G. T. Flom	do	208 166 41
134	do	J. W. Folsom	do	166
135	do	S. A. Forbes	qo	41
136	do	G. S. Ford		250
137	ao	G. E. Frazer	qo	300
138	ao	J. A. Frisk	<u>q</u> o	300 91 175
39	ao	Laward Fulton	[go	175
40	ao	J. W. Garner	qo	250 150 35
41	ao	n. b. Garver	qo	150
42	ao	Kosa Lee Gaut	qo	35
45	uo	w. S. Gentry, Jr	[do	100
44	ao	n. L. vill	uo	200
45	ao	U. E. Gillett	do	30
40		nugn Glasgow		100 200 30 60
4/	.: ao	E. A. Glenz	uo	100
48	op	H. F. GOORE	do	120 270
49	do	Julius Goedel	uu	120 120
υŪ		G. A. Goodenaugh	do	120
51		G. A. Goodenougn	u0	250 90 500
52	go	I. G. GOOGWIN	uv	800
.05	ao	W. r. M. GOSS	uo	133
24	go	r. o. Goulding	uu	193
05	do	Bessie K. Green		00
20	ao	rrederick Green		60 291 375
57	do	E. B. Greene		3/5
58	.:do]]	F. O. Dufour J. C. Duncan J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn R. A. Dutcher H. S. Eames E. T. Ebersol W. E. Eells W. E. Eells W. E. Eells W. E. Eells W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger E. W. Engle N. E. Ensign L. T. Fairhall J. A. Fairlee R. N. Fargo S. P. Farwell E. C. Faust Mary E. Fawcett Winifred Febrenkamp Emma Felsenthal H. F. Ferguson E. E. Fiero E. J. Filbey Emma Felsenthal J. D. Fitzgerald E. B. Flanigan F. L. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford G. E. Frazer J. A. Frisk Edward Fulton J. W. Garner N. B. Garver Rosa Lee Gaut W. S. Gentry, Jr H. L. Gill C. E. Gillett Hugh Glasgow E. A. Glenz H. F. Goodenough P. G. Goodenough P.		15
59	do	г. н. Gund		125 60
00	ao	E. Gutberlet		90
511	do	Alta Gwinn	ao	80 141
0.71				

о.	Date.	To whom.  H. F. Hadley. Stolla M. Hague. H. G. Hake. W. G. Hale. R. G. Hall. L. G. Hana. Paul Hansen. Sada Harbarger A. A. Harding. O. A. Harker E. C. Hayes. C. M. Hebbert G. W. Heitkamp. F. E. Held. W. S. Hendrix. Margaret Herdman. R. W. Hess. C. K. Hewes F. E. Hill. Ralph Hilscher. M. E. Hinds. Wilhelm Hirshkind Jacob Hodnefield. H. C. Hohman. M. A. Hollishead. H. A. Hollisher. E. E. Hollman. B. R. Honovski. B. S. Hopkins. J. W. Horrell. C. F. Hottes. H. A. Houston J. E. Huber. H. L. Huenink. G. A. Huff. R. K. Hursh. Margaret Hutchins. E. J. James. L. V. Jones. Ralph Jones. L. T. Jones Ralph Jones. L. T. Jones Ralph Jones. R. T. Jones Ralph Jones. R. T. Jones Ralph Jones. L. T. Jones Ralph Jones. R. C. Jordan. L. Emma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelleg. Ruth Kelso. A. J. Kernpuper R. E. Kennedy. Ernst Kesthem Arthur Kiernan Arthur Kiern	For what.	Amou
	1913.	1	1 11	111
163	Mar. 31	H. F. Hadley	Fellowship, March, 1913	\$ 50
164	do	Stella M. Hague	Salary, March, 1913	120
166 166	do	W G Hale	do	250
167	do	R. G. Hall	do	30
168	do	L. G. Hana	do	170 250 90
169	do	Paul Hansen	do	250
170	do	Sada Harbarger	do	150
172	do	O A Harker	do	150 333 233
$17\overline{3}$	do	E. C. Haves	-do	233
174	do	C. M. Hebbert	do	60
175	do	G. W. Heitkamp	do	40 50 88 78 30 50 80 100 80 100
176	do	F. E. Held	[do	50
170	do	W. S. Hendrix	do	80
170	do	R W Hose	do	30
180	do	C. K. Hewes	-do	50
181	do	F. E. Hill.	do	8
5182	do	Ralph Hilscher	do	10
5183	do	M. E. Hinds	do	6
184	do	Wilhelm Hirshkind	do	180
180	do	Jacob Hodneneld	do	10
127 127	do	M A Hollinghand	do	4
188	do	H. A. Hollister	do	22
189	do	E. E. Hollman	do	6
190	do	B. R. Honovski	do	. 6
5191	do	B. S. Hopkins	do	12
5192	do	J. W. Hornbeck	do	10
198	do	C. R. Horrell	do	2
10°	do	U. F. Hottes	Followship Morch 1013	12 10 2 20 5
1196	do	I E Huber	Scholarship March 1913	5 25 10
197	do	H. L. Huenink	Salary, March, 1913	5
198	do	G. A. Huff	do	25
5199	do	R. K. Hursh	do	. 10
5200	do	Margaret Hutchins	do	1,00
201	do	E. J. James	do	1,00
1202	do	C F James.	do	3
5204	do	Alice Johnson	do	1 7
5208	do	McElroy Johnston	do	7 17 15 11
520	do	H. S. V. Jones	do	15
5207	do	Isabel Jones	do	. 11
208	do	L. T. Jones	do	8
)2U\ \010	do	Raiph Jones	do	16
5211	do	R T Iones	do	16 14 10
5212	do	H. H. Jordan	do	10
5213	3 do	J. C. Jordan	do	10
5214	do	Emma R. Jutton	. do	. 10
521	do	J. B. Kaiser	. do	. 10
2210	) . do	Oliver Kamm.	. do	1 10
5019	do	C F Kelley		119
5210	de	J. M. Kellog	do	12
5220	do	Ruth Kelso.	do	100
522	l do	A. J. Kempner	. do	. 13
522	2 do	R. E. Kennedy	. do	. 1
522	do	Ernst Kessler	do	- 1.9
522°	± ao	V. A. Ketcham		- 15
522 529	do	A H Kimball	do	1 12
$5\overline{22}$	7 do	S. F. Kimball		13 11 15 15 14 12
522	8 do	Margaret L. Kingsbury	.  .do	.  7
522	9 do	David Kinley	. do	. 50
523	0 do	Florence M. Kirkup	. do	-  10
523	i	U. T. Knipp.	- 00	-  20
ე <i>2</i> ქ 592	4 do	J. F. KONOUT	- do	10
523 523	4 de	A. P. Kratz	do	50 10 20 11 10
523	5 . do	E. V. Kratz	Scholarship, March, 1913.	
$5\bar{2}\bar{3}$	6do	A. C. Krey	Salary, March, 1913	. 14
523	7 do	Jakob Kunz	. do	. 20
523	8 do	Martha J. Kyle	. do	. 12
523	9 do	E. M. R. Lamkey	- do	14 20 12 12 6 15
524 504	U00	Morion C. Landes	.	15
44 س	-juu	- lurarion O. Dander	.juv	٠١ ،

Vo.	Date.	W. F. Langelier E. T. Lanham L. M. Larson H. H. Lauer T. E. Laying Eugene Leslie O. E. Lessing O. A. Leutwiler I. H. Lillehei F. C. Lincoln R. H. Linkins C. M. Linsley Simon Litman F. C. Loring C. A. Ludwig H. T. Lundquist E. B. Lytle Ellen S. McCarthy Lois D. McCobb A. B. McDaniel Rudolph McDermet D. F. McParland C. G. MacArthur Wallace MacGarliane A. D. MacGillivray D. A. MacInnis A. H. McLean C. W. Malcolm G. A. Maney E. J. Manley Frederick M. Mann F. W. Marquis O. R. Martin D. R. Miller D. R. N. Miller D. R. Moore D. H. Moore D.	For what.	Amou
	1913.			
5242	Mar. 31	W. F. Langelier	Salary, March, 1913	\$100 105 216
5240 5244	ao	L. M. Lannam	do	216
5945		Н Н Langr	do	150
5246	.do	T. E. Laving	.do	150 30
5247	do	Eugene Leslie	_do	30 233 200 90 166 30
5248	do	O. E. Lessing	do	233
5249	do	O. A. Leutwiler	do	200
5250	do	I. H. Lillehei	do	90
5251	do	F. C. Lincoln	do	166
252	do	R. H. Linkins	do	30
0200 054	do	C. M. Linsiey	do	21 183
1255	do	F C Loring	do	190
1256	do	C. A. Laidwig	do	120 30
257	do	H. T. Lundquist.	-do	50
258	do	E. B. Lytle.	do	50 133
5259	do	Ellen S. McCarthy	do	120 90
5260	do	Lois D. McCobb	do	90
5261	do	A. B. McDaniel	do	208
262	do	Rudolph McDermet	Fellowship, March, 1913	50
263	do	D. F. McFarland	Salary, March, 1913	150 150
)204 :90:	00	Welloge Megferlane	Fellowship March 1019	150
,∠00 5266	uo	A D MacGillivray	Solory Morch 1012	208 120
1200 1267	do	D. A. MacInnis	do do	190
5262	do	A. H. McLean	do	80
5269	do	C. W. Malcolm	do	150
270	do	G. A. Maney	Fellowship, March, 1913	50
5271	do	E. J. Manley	Salary, March, 1913	7
5272	do	Frederick M. Mann	do	150 50 77 333
5273	do	F. W. Marquis	. do	150
5274	}do	O. R. Martin	. do	110
5275	do	M. S. Mason	Fellowship, March, 1913	150 110 50 133 208 60 110
5276	do	J. M. Mathews	Salary, March, 1913	133
0211 5070	do	F P Millord		208
5970		F H Millard	do	111
5210 5220	do	G A Miller	do	25
5281	do	H. W. Miller	do	150
5282	.do	R. N. Miller	do	250 150 31
5283	do	W. S. Miller.	do	12
5284	do	C. H. Mills	do	125 205 130
5285	do	Brainerd Mitchell, Jr	. do	130
5286	do	Margaret Mitchell	. do	1 .
5287	do	F. W. Moniman		60 20 110
5288 #000	do	H. U. MOOTE		20
0 <i>2</i> 00 5000	do	O H Moore		110
620L	,do	Puby Moore	do	2
5292	do	E. W. Morphy	do	120
$\tilde{529}$	do	B. C. Morse.	do	4
5294	do	W. E. Mosher	Fellowship, March, 1913	25 25 11
5295	do	C. M. Moss	Salary, March, 1913	25
5296	do	Gertrude Moulton	. do	. 11
5297	do	C. F. Nelson	. do	10 3 8
5298	do	W. S. Nelson		. 3
5296	qo	Alian Nevina.		8
ひつひし	do	C E Nooranhara	do	8
23U	de	W A Noves	do	33
5202	de	W. A. Oldfather	do	33
5304	do	H. L. Olin	do	5
530	do	T. E. Oliver	.]do	20
5306	3 do	A. W. Owens	_ do	. 3
5307	do	E. B. Paine	. do	. 20
5308	3 do	L. G. Painter	. do	. 12
5309	do	Rosalie M. Parr	. do	8 29
5310	) do	S. W. Parr.		.   29
531	Udo	Adan Patton	.	1 8
531	αο	H. G. Paul	- uo	. 50
1931	gao	A. D. Fease.	do	8 16 20 8
1001	# uo	A Typh Deterson	do	. 6
1521	de	C W Diobale	do	13
1521	ojqo	T N Pomorov	do	13 18 13
1531 1531	do	C M Poor		î3
1521	de	F. M. Porter	. do	13
-001		The day of the second s	l do	1 5

o.	Date.	To whom.	For what.	Amour
	1913.	Anton Prasil A. L. Prickett D. C. Prince B. S. Radcliffe G. H. Radebaugh Otto Rehn O. A. Randolph W. H. Rayner J. W. Read P. J. Rebman E. J. Reece F. W. Reed P. T. Reiff E. A. Rich J. L. Rich C. R. Richards N. C. Ricker H. L. Rietz W. S. Robertson M. H. Robinson C. W. Rolfe S. A. Rowland H. O. Rugg George Rutledge L. R. Sarett T. E. Savage Olive F. Saxton S. H. Schneider Clarence School W. S. Schwatz F. W. Scott D. L. Scroggin G. W. Seas S. H. Scheriee E. C. Schmidt H. F. Schneider Clarence School W. S. Schulz G. F. Schwatz F. W. Scott D. L. Scroggin G. W. Sears F. B. Seeley R. S. Seese N. C. Seidenberg A. R. Seymour J. B. Shaw Queen L. Shapherd S. P. Herman G. A. Shook C. W. Sievert S. L. Simpson G. H. Sissam W. A. Slater Adelle C. Smith J. E. Smith J. E. Smith J. E. Smith J. M. Smith Frank Smith J. E. Smith J. H. Smith J. H. Smith J. E. Smith J. M. Smodgrass E. R. Speneer		
5321	Mar. 31	Anton Prasil	Salary, March, 1913	\$ 10
)322 :909	do	D. C. Prince	Cahalanahin Marah 1012	43 25
1323 1394	do	B S Radeliffa	Solory Morch 1012	80
325	do	G. H. Radebaugh	-do	80 90
326	do	Otto Rehn	do	166 80 110 50
327	do	O. A. Randolph.	do	80
328	do	W. H. Rayner	do	110
329	do	J. W. Read	do	50
330	do	P. J. Rebman	do	80
331 331	do	E. J. Keece	do	150 140
00Z 999	do	P T Doiff	do	50
334	do	E A Rich	do	40
335	do	I. L. Rich	do	40 150 333
336	do	C. R. Richards	do	333
337	do	N. C. Ricker	do	291
338	do	H. L. Rietz	do	150 166
339	do	W. S. Robertson	do	166
340	do	M. H. Robinson	do	250
341	do	U. W. Kolfe	do	250
342	do	B. A. KOWIANG	00	60 120
940 344	uo	George Rutledge	do	60
345	do	L. R. Saratt	do	90
346	do	T. E. Savaga	do	166
$\frac{347}{347}$	do	Olive F. Saxton	do	83
348	do	S. H. Scherfee	do	30
349	do	E. C. Schmidt.	do	291
350	do	H. F. Schneider	do	30 291 30
351	do	Clarence School	do	10
352	do	W. S. Schulz	do	166
353	qo	G. F. Schwartz		166 158 183 120 60 140
304 255	do	D. T. Saroggin	do	100
356 356	do	G W Spore	do	60
357	do	F. B. Seelev	do	140
358	do	R. S. Seese	Scholarship, March, 1913	2
359	do	N. C. Seidenberg	Salary, March, 1913	15
360	do	A. R. Seymour	do	166
361	do	J. B. Shaw	do	187
362	do	Queen L. Shepherd	do	187
363	do	S. P. Herman	do	266 100
364	do	G. A. Snook	do	100
300	do	C T Cimmoring	Followship Moreh 1019	10
200	do	Frances Simpson	Solory Morch 1012	36 166
369	do	G E Simpson	do	100
369	do	C. H. Sisam		158 128 60 160
370	do	W. A. Slater	do	12
371	do	Adelle C. Smith	do	60
372	do	Constance B. Smith	do	160
373	do	G. M. Smith.	. do	133
374	do	Frank Smith		20
3/5	op	O H Smith	do	166 133 200 129 173 50 70 105 135
27	do	T M Snodgrass	do.	177
379	do	E. R. Spencer	do	5
370	do	O. O. Stanley		7
380	)do	Joel Stebbins	do	10
38	do	Sabra Stevens	do	. 5
382	2do	R. K. Steward	. do	. 13
383	3 do	C. L. Stewart	. do	. 50
384	do	H. H. Stoek		.  33
38	gdo	J. W. Stokes	Golows Monch 1012	333 50 130
1360	gqo	E. D. Stouller	do do	10
100	do	Lillian Strong	do	50
320	do	E. T. Strong	do	9
539	oldo	W. G. Stromquist	. do	50 98
539	l do	R. T. Stull	. do	. 200
539	2 do	Horace Stunkard	. do'	200 30 80
539	3 do	Emerson Sutcliffe	. do	. 80
539	4 do	A. W. Sutherland		150
539	o do	A. N. Talbot.		333 60
5391 520	ojao	Frank Smith J. E. Smith J. E. Smith J. M. Snodgrass E. R. Spender O. O. Stanley Joel Stebbins Sabra Stevens R. K. Steward C. L. Steward C. L. Stewart H. H. Stoek J. W. Stokes E. B. Stouffer E. K. Strachan Lillian Strong E. T. Strong W. G. Stronquist R. T. Stull Horace Stunkard Emerson Sutcliffe A. W. Sutherland A. N. Talbot F. W. Tanner S. C. Taylor W. H. Taylor H. R. Thomas	. uu	28
520 520	de de	W. H. Taylor	do	60
200	de de	H. R. Thomas	Fellowship, March, 1913	60
		LA. AV. #11V111MV	-   " DALLY ILUE OIL) IOIO	., .

Vo.	Date.	C. M. Thompson J. G. Thompson J. G. Thompson J. G. Thompson Lambert Thorp A. J. Tieje. A. J. Todd E. J. Townsend L. L. Townsend L. J. Van Cleave H. H. Warde L. H. Warde L. H. Warner A. R. Warnock L. W. Washburn F. R. Watson H. C. P. Weber N. A. Wells N. A. Wells N. A. Weston Mary M. Wetmore J. M. White J. H. Whitten L. A. Wildman C. C. Williams E. H. Williams E. H. Williams F. G. Williams F. Williams F. G. Williams F. G. Williams F. G. Williams F. G. Will	For what.	Amou
	1913.			
5400	Mar. 31	C. M. Thompson	Salary, March, 1913	\$ 90
5401	do	D. G. Thompson	do	40 160
5402	do	J. G. Tnompson	do	160
54U3	do	Lambert Thorp	do	100 105
5405	do	A. J. Todd	do	100
5406	do	E. J. Townsend	do	104 333 100 90
5407	do	L. L. Townsend.	do	100
5408	do	Edna A. Treat	do	90
5409	do	H. D. Valentine	do	10 60 180 30
5410	do	H. J. Van Cleave	do	60
5411	o	H. J. Van den Berg	(do	180
)41Z (/12	do	T N Voddor	do	110
541A	do	C. C. Vernier	do	110 291
5415	do	E H Waldo	do	166
5416	do	H. B. Ward	do	166 333 50 125
5417	do	E. H. Warner	do	50
5418	do	A. R. Warnock	do	125
5419	do	E. W. Washburn	do	183
5420	do	F. R. Watson	do	200
5421	do	H. C. P. Weber	do	150
422	do	N. A. Wells	do	208
423	do	N. A. Weston	do	229
424	do	Mary M. Wetmore		125 333 60
420	do	J. M. White		333
1420 1497		F A Wildman	do	20
1421	do	C C Wilow	do	30 150 120
429	do	C A Williams	do	120
430	do	E. H. Williams	do	12
5431	do	Mary E. Williams	do	8
5432	do	F. G. Willson	do	160
5433	do	P. L. Windsor	do	250 120
5434	do	R. M. Winger	do	120
5435	do	W. J. Wohlenberg	Fellowship, March, 1913	50
5436	do	P. S. Woodward	Salary, March, 1913	3
5437	do	1. M. Wormser	do	183
1400	do	A. B. Wright		1 50
362C	do	T D Voncon	do	150
5441	do	Tagoh Zaitlin	do	183   50   77   150   12
5442	do	Charles Zeleny	do	20
5443	do	H. F. Zoller	do	20 3
5444	do	J. E. Ackert.	Fellowship, March, 1913.	3
5445	do	F. H. Adler	. do	3
5446	} do	Josephine E. Burns	. do	. 3
5447	[]do	Margaret V. Cobb	. do	3
2448	gao	Edna L. Forrey	do	. 3
044E	)do	D. L. Geyer		3 4
040L 5451	7do	F O House	. do	3
5455	do	E A T Virobor	do	3
5459	do	P. A. Lehenbauer	do	3
5454	do	H. H. McGregor	do	.) 3
545	do	I. C. Mathewson	do	3
5456	do	L. F. Nickell	do	3 3
5457	do	A. W. Orcutt	. do	.  3
5458	do	A. F. Peine.	. do	. 3
459	do	C. F. C. Riley	. do	3
5460	Jdo	Clarissa Rinaker		3
046]		D C Wolch		3
5402 5469	do	G V Williams	do.	.  3
5464 5464	do	R W Brown	Scholarship March 1013	3 2
546	do	D. M. Brumfiel	do	5
5466	do	T. E. Clark	do	2 2
5467	do	J. L. Conel	do	. 2
5468	3 do	S. H. Cox	do	$1  \tilde{2}$
5469	do	E. S. Dowell.	. do	.  2
5470	do	D. T. Englis	do	. 2
5471	l!do	Ola M. J. Eskelson	. do	. 2
5472	۱do	S. E. Fauquher	. do	.  2
547	do	S. B. Fracker	. qo	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5474	do	Byne F. Goodman	. do	.  2
5478	gao	Duby Grimes		2
.04/し	7 do	Mary A Hoon	do	2
U41	de	Homer Hall	uu	2
		LANGE ALGUE ALGUE	·   • • · · · · · · · · · · · · · · · ·	. 4

о.	Date.	To whom.	For what.	Amou
	1913.			
	Mar. 31	A. C. Hanford. William Hill C. E. Holley.	Scholarship, March, 1913	\$ 25
480	do	William Hill	do	25
481	do	C. E. Holley	do	25
482	do	Nellie N. Hornor	do	25
483	do	J. W. Howard	do	25
484	ao	P. W. Ivey	1do	25
485	do	Gretchen Lutz	do	25
486	ao	Janet M. Maconald	do	25
487 400	do	J. E. Miller	00	25 25
488 400	do	Lana Mosner	00	2
400	do	D. Nathanson		2
401	do	D H Nottlemen	do	2
400 481	do	Cornelio D. Correll	do	25
402 409	do	Mony M. Spangler	do	2
40A	do	W A Swoncon	do	2
405 405	do	Tily B Voogoloin	do	2
40G	uo	Morgaret Weathington	do	2
407	do	D O Wright	do	2
400	do	A E Zuoleon	do	.25
400		Tille M. Alemenden	Colony Manch 1012	- 20
ቱዎያ ቱዎያ	uo	W E Aller	Daiai y, Marcii, 1910	88
50U	uo	Winifred T. Ames	do	0
2Uu UUT	uo	Fthal Ash	uu	66
502	uo	William Hill C. E. Holley Nellie N. Hornor J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Maconald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottleman Cornelia R. Seawell Mary M. Spangler W. A. Swenson Lily B. Voegelein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley Winifred L. Amos Ethel Ash C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown Sarah Bryan Miles Clements Agnes M. Cole C. C. Crawford H. E. Cunningham C. E. Dalton Edith Emigh R. I. Fieg Frances M. Feind Viola Fraser Frances G. Garwood Antoinette Goetz Elizabeth Good Mabel F. Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Fred Hooker Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson		14
อบฮ 504	do	Mary T. Blockwell	do	5
$504 \\ 505$	do	T. A Rojeo	do	12
500	do	Mohitha I Droadhunat		7
500 - 507	do	Ino M. Proven	. u0	6
	do	Sarah Bryan	do	6
500	do	Miles Claments	do	4
516	do	A mas M Colo	do	7
511	do	C C Crowford	do	6
519	do	T F Cunningham		15
512	do	C F Dolton	. do	4
514	do	Edith Emigh	do	6
515	do	P I Fiar	do	5
514	do	Frances M. Feind	do	7
517	do	Viola Fragar	do	5
K10	do	Frances C. Corwood		4
	do	Antoinette Coota	do	6
	do	Elizabeth Good	do	. 4
	do	Mahal E Griffith	do	6
522	do	Carmen Harnack	do	. 5
523	do	Eliza Hart	do	. š
524	do	C H Havens	do	12
525	do	N Hay	do	16
	do	Myrtle E. Heater	do	. 5
527	do	Fred Hooker	do	. 4
528	do	Josie B. Houchens	do	. 7
529	do	A H Hull	do	6
	do	Katie L. Humrichouse	do	. 5
531	l. do	Marie Jester	do	4
532	do	Gertrude Johnson	do	5
533	do	J. J. Johnson	do	4
534	do	Gertrude Keech	. do	3
535	do	Katle L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Gertrude Keech J. H. Kelley Nora Kirwan Aurella Knapp L. E. Knorr Allie Lamb A. R. Lee	do	16
536	do	Nora Kirwan	do	4
537	do	Aurella Knapp	do	6
538	do	L. E. Knorr	do	14
539	do	Allie Lamb	do	4
540	do	A. R. Lee	do	9
	do	Louise A. Lietz	. do	Š
	do	Stella Lund	. do	. 5
	do	C. M. McConn	. do	23
544	do	A ones McGurty	do	. 8
545	do	Jane McMullin	. do	4
546	l do	II. Mae Mansneaker	I do	1 8
547	do	Maude E. Meneley	. do	. 5
548	do	C. F. Miller	. do	į 7
549	do	Lloyd Morey	. do	. 8
550	do	Maude E. Meneley C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphey	. do	16
551	do	M. W. Murphey	. do	. 11
<b>552</b>	lao	Catherine S. Oaks	.   0.0	. 0
553	[do	H. D. Oberdorfer	. do	16
554	do	Elizabeth C. Peel	. do	7.
555	do	Thomas Peel	. do	5
556	do	Elizabeth Pfeffer	. do	. 50
	1 3 -	F. W. Post	l do	. 7.

Vо.	Date.	To whom.	For what.	Amou
	1913.	Harriet L. Postlewait. Myrtle A. Renz. Clara A. Rickets Nellie M. Robertson Anna L. Shepard Bertha Sharp T. J. Showers. Sara M. Slater Bertram Smith I. M. Smith Jessie A. Smith Jessie A. Smith O. E. Staples Adfred Steitz. Sigurd Strom M. E. Thompson M. E. Thompson Mary Torrance L. T. Towne G. P. Tuttle Josephine Tyrrell Lida E. Volght Lida E. White B. L. Winchester Adlice L. Wing. H. T. Wyninger E. E. Hoskins C. G. Hopkins S. V. Holt N. W. Hepburn Leonard Hegnauer W. F. Handschin L. D. Hall F. W. Muncie. H. H. M. Winchell Wilhelm Miller D. McIntosh C. C. Logan J. W. Lioyd W. R. Leighty L. R. Lang O. A. Keller Oran Keller Oran Keller U. P. Joseph M. E. Jahr James Hutchinson R. S. Hulce G. L. Pettier H. W. Peaslee F. A. Pearson		
5558	Mar. 31	Harriet L. Postlewait	Salary, March, 1913	\$ 50 65
5559 55 <b>60</b>	do	Myrtle A. Renz	do	65
5561	do	Nellie W. Debestson		60
5562	do	Anna T. Shapard	do	55
5563	do	Bertha Sharn	do	91 55
564	do	T. J. Showers	l do	125 55 70 108 100 65 150
5565	do	Sara M. Slater	_do	55
5566	do	Bertram Smith	do	70
567	do	I. M. Smith	do	108
568	do	Jessie A. Smith	do	100
569	do	Mayme L. Smith	do	65
570	do	O. E. Staples	do	150
571 572	do do	Aurea Stellz		75 85 85
573	do	M E Thompson	do	80
574	do	Mary Torrance	do	55
575	do	L. T. Towne	do	150
576	do	G. P. Tuttle.	do	91
577	do	Josephine Tyrrell	do	91 45
578	do	Lida E. Voight	do	83
579	do	Lida E. White	do	50 48
580	do	B. L. Winchester	do	48
5811	do	Alice L. Wing.	do	75
582 583	do	E E Hoskins	00	52
594	do	C G Honking	do	52 150 416
	do	S. V Holf	do	150
586	do	N. W. Hephurn	do	175
5871	do	Leonard Hegnauer	do	175 250
588	do	W. F. Handschin	do	150 225
589	do	L. D. Hall	do	225
590	do	F. W. Muncie	do	83
591	do	H. W. Mumford	do	416
592	do	J. G. Mosier	do	266
593	do	H. H. MITCHOIL	do	125 250 208 150
594 595	do	D MoIntoch	d0	200
596	do	C C Logan	do	150
597	do	I W Lloyd	do	266
598	do	W. R. Leighty	do	266 100
599	do	L. R. Lang	do	133
600	do	O. A. Keller	do	83
601	do	Oran Keller	do	70
602	do	W. E. Joseph	do	133 83 70 125 120 100
603	do	M. E. Janr		120
604 605	do do	D & Tules	do	100
606	do	G I. Poltior	do	83
607	do	H. W. Peaslee	do	200
608	do	R. S. Hulce G. L. Poltier H. W. Peaslee F. A. Pearson Maud Parsons H. N. Parker J. B. Park A. W. Nolan Gertrude Neiderman A. H. Nehrling H. P. Rusk H. A. Ruche R. R. Root	do	75
609	do	Maud Parsons	do	100
610	do	H. N. Parker	do	200 75 100 200 150 200
611	do	J. B. Park	do	150
612	do	A. W. Nolan	do	200
613	do	Gertrude Neiderman	do	100 125 175 116
614 615	do	д. д. Nulling	do	120
616	do	H. A. Rucha	do	116
617	do	R. R. Root	do	1 100
618	do	H. A. Ruche R. R. Root. Harriett Rinaker C. O. Reed. F. H. Rankin B. E. Powell V. A. Place Helena M. Pincomb B. S. Pjekett	do	125
619	do	C. O. Reed.	do	125 120
620	do	F. H. Rankin.	do	250
621	do	B. E. Powell.	do	191
$\frac{622}{623}$	do	V. A. Place	do	83
623	do	neiena M. Pincomp	ao	133
624	00	T T Pattit	do	250
625 626	ao	Leonore Perry	do	191 83 133 250 250 79 100
627	do	L. M. Wakelev	do	100
628	do	E. Van Alstine	_do	150
6 <b>2</b> 9	do	H. W. Stewart.	do	150
630	do	Heleia M. Finomib B. S. Pickett J. H. Pettit. Leonore Perry L. M. Wakeley E. Van Alstine H. W. Stewart J. V. Stevenson	do	41
631	do	Grace Stevens	do	90
631 632	do	W. H. Smith	do	100 150 150 41 90 108 250
633	do	Grace Stevens. W. H. Smith L. H. Smith F. M. Simpson W. H. Sachs. W. A. Ruth	do	250
5634	do	F. M. Simpson.	do	100
5635	do	W. H. Sacns		125 125
งหัสถึ	do	w.a. Kutn	ao	125

Vо.	Date.	Bessie E. Packard. Florence E. Smith J. J. Yoke. John Woodard A. L. Whiting J. E. Whitchurch Ruth Wheeler H. C. Wheeler J. R. Wells O. S. Watkins. F. M. Wascher Sleeter Bull R. E. Brand J. C. Blair L. R. Binding Isabel Bevier F. C. Bauer D. O. Barto J. P. Aumer Orr Allyn. Alice V. Hamilton J. L. Edmonds C. E. Durst H. B. Dorner I. W. Dickerson R. W. J. Carmichael W. C. Coffey H. C. M. Case W. T. Carmichael W. L. Burlison A. F. Gustafson A. F. Gustafson A. F. Gustafson H. S. Grindley Cora E. Gray Nellie Goldthwaite Charlotte Gibbs W. B. Gernert F. W. Garrett J. J. Gardner W. J. Farser L. E. Foglesong Georgia Fleming O. S. Fisher F. A. Fisher R. A. Fisher F. A. F	For what.	Amou
	1913.	•	;	
5637	Mar. 31	Bessie E. Packard	Salary, March, 1913	\$ 7 6 8 7 12 15 13 15 7 15
5638	do	Florence E. Smith	do	6
5639	do	J. J. YOKO	do	8
5641	1do	A T. Whiting	do	19
5642	do	J. E. Whitchurch	_do	15
5643	do	Ruth Wheeler	do	13
5644	do	H. C. Wheeler	do	15
5645	do	J. R. Wells	do	7
5646	do	O. S. Watkins	do	15
5647	do	F. M. Wascher	do	8 11 16
5648	do	Sleeter Bull	do	11
0049 5650	do	T C Bloir	do	10
000U KRK1	do	I. R Rinding	do	7
5652	do	Isabel Bevier	do	41 7 25 12
5653	do	F. C. Bauer	do	12
5654	do	D. O. Barto.	do	16
5655	do	J. P. Aumer	do	15
5656	do	Orr Allyn	do	7
5657	do	Alice V. Hamilton	ao	7
5658	do	J. L. Edmonds	00	16 15 7 7 16 12 20 15 7 12 13 22 4
2659	00	U. E. DUISI	uo	12
500U	ob	T W Dielzerson	do do	15
2660 1001	do	R. W. Dickenson	do	1 2
5663	do	Nina B. Crigler	do	19
5664	do	W. T. Crandall	do	13
5665	do	W. C. Coffey	do	22
5666	do	H. C. M. Case	do	4
5667	do	W. J. Carmichael	do	10 10
5668	do	W. L. Burlison	do	10
5669	do	A. F. Gustaison		15
5670	do	A. J. Gunderson	do	29 11 16
00/1 2070		Core F Crew	do	11
5673	do	Nellie Goldthweite	do	16
5674	do	Charlotte Gibbs	do	19
5675	do	W. B. Gernert	-do	12
5676	do	F. W. Garrett.	do	8
5677	do	J. J. Gardner	do	10
5678	do	W. L. Gaines	do	15
5679	do	W. J. Fraser	do	10 12 12 8 10 15 29 10 10
5680	do	L. E. Foglesong.	do	10
5681	do	Georgia Fleming	00	10 16 8 8 8 15 8 6
5682	do	U. S. Fisher	do	10
5000 5001	do	Augusta D Evans	do	8
5685	do	K. J. T. Ekhlaw	do	15
5686	do	William Hough	Wages, March, 1913	8
5687	do	E. H. Jenkins	do	6
5688	do	Earl Meenach	do	6
5689	do	James O'Brien	do	5
5690	do	Chester Turner	ao	5
5691	do	Edwin Walworth		2
2092	do	Hariey roor	do	5
2604	do	T. P. Crawford	do do	1
560£	do	Ethal Sharn	do	2
JUBD SBOR	uo	Loretto White	_do	55
5697	do	Rugh Loveless	_do	5
5698	do	Lillian Pole	do	1 5
5699	do	Amelia Feldkamp	do	4
5700	do	W. W. Yapp	do	3
5701	do	Cornelius Stocker	do	7
5702	do	W. H. Stevens	do	5
5703	do	Otto Schwartz	<u>qo</u>	3 7 5 6 6
5704	do	H. U. Lawson	00	5
5705	ao	A. F. Krueger	uo	1 3
9700 5707		Forl Corver	do	8
5709	uo	M P Carlson	do	6
3708 5700	do	A E Burwash	do	5
5710 5710	do	Anna Crathorna	do	1 5
5711	do	H. E. Crouch	do	111
5712	do	Ralph Engle.	. do	3 6 5 5 5 11 2 6 7 4
$57\bar{1}\bar{3}$	do	J. F. Smith	do	6
5714	do	Fred Pine	do	7
	1 40	Elmar Varnar	do	1 4

٧o٠	Date.	To whom.	For what.	Amour
	1913.	Frank Sanders H. E. Moore. Ben Durman O. G. Atkinson Marjorie H. Gage. Robert Cook Jesse Cook. H. A. Cate. B. L. Bowling Bertha G. States M. Ressler L. M. Apgar W. W. Peters J. K. Tuthill W. A. Hooker D. C. Sprinkle A. J. Stoneburner J. A. Sackrison Sadie Jones Ethel Clarke W. L. Harry D. Vauble E. J. Wilford K. A. McCaskill E. H. Walworth C. G. Cox W. M. Sheldon Robert Wilford R. L. Bentley H. J. Snider R. L. Hegnauer Ruth Burt H. C. Gilkerson Vera Beyer C. F. Brown E. J. Brown Midred E. Buckles C. F. Burge Hazel Cover Stanley Wilkins George Noe Olive G. Reid P. W. Wilson R. C. Glover Andrew Tornquist W. J. Engle L. J. Wells Guy Shaffer Lawrence Regle R. F. Broyles H. H. Wheeler Freda O. Stricklan M. D. Rose Elizabeth Pulling Winniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Winniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Winniffed Melntosh Master H. H. Wheeler Freda O. Stricklan M. D. Rose Elizabeth Pulling Winniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Master H. H. Wheeler Freda O. Stricklan M. D. Rose Elizabeth Pulling Winniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret C. Foss Emma L. Custer M. J. Conley Unniffed Melntosh Margaret M. E. Esandall A. Alpha Tornquist U. A. Hunter W. T. Craig W. T. Bemett P. O. Moore Will Patter		
5716	Mar. 31	Frank Sanders. H. E. Moore.	Wages, March, 1913do	\$50 50
5717	do	H. E. Moore	do	50
5718	do	Ben Durman	(do	46
5719	do	O. G. Atkinson	do	45 65
5720	do	Marjorie H. Gage	do	65
5721	do	Robert Cook	do	47 55
5722	do	Jesse Cook	do	55
5723	do	H. A. Cate	do	12 70
5/24	do	B. L. Bowling	do	70
5725	ao	Bertna G. States	ao	50
5/26	do	M. Ressier		75 20
5/2/	do	L. M. Apgar		20
5728		W. W. Peters	00	20
5729	do	J. K. Tuthii		12 48 50
5730		W. A. HOOKEr		48
2731	do	D. C. Sprinkie		90
573Z	ao	A. J. Stoneburner		45
57704	do	J. A. Sackrison		19 50 40
5734	do	Sadie Jones		90
5755		Ether Clarke	Wages, April, 1913	40
5707	ao	W. D. Harry	wages, March, 1913	83 50 19
5700	ao	D. vadble	do	100
5700	ao	E. J. WHIOTO	do	19
2739	00	K. A. MCCaskiii		26 21
2/40	00	E. H. Walworth		21
5740	o	W M Choldon	do	16
5742	uo	W. W. SHEROH.	do.	16 21 19
5743	do	Robert Willord		19
5744	do	R. L. Bentley		13
5745	do	H. J. Snider	do	2/
5740	do	R. L. Hegnauer		20
5747	do	Ruth Burt	do	13 27 20 25 55 20
5748	ao	H. C. Gilkerson	]do	55
5749	ao	vera Beyer	do	20
5/50	ao	C. F. Brown	do	45
5/51	ao	E. J. Brown	do	45
5/52	ao	Milarea E. Buckies	do	05
5/53	]ao	C. F. Burge	do	40
5754		Hazel Cover	do	45 45 65 45 60 40 40
0100	do	Stanley Wikins		40
0616	do	George Noe		40
9191		Olive G. Reid		50
.5/58	do	P. C. Claver	1	30 40
.0109		A. C. Glover		40
5761	do	W T Engle	do	75 65 45
9/01		T T Walls		00
5762	do	Carr Choffon	do	47
5764		T aymanaa Nashit	40	17
5765	do	Too Mink	do	47
5766	do	Marion R Callahar	do	47 47 47 40
5767	40	Lawrence Engle	do	9/
5789	do	R F Browles	do	45
5760	do	H H Wheeler	do	24 45 65 65
5770	do	Freda O. Stricklan	do	85
5771	do	M. D. Rose	do	52
5779	do	Elizabeth Pulling	do	75 60 10 60 40 70 75 20
5773	do	Winnifred McIntosh	do	110
5774	do	Mabel Halliday	do	RO
5775	do	Margaret C. Foss	1do	40
5776	.do	Emma L. Custer	do	1 70
5777	do	M. J. Conley	do	75
5778	do	Lucy M. Barto	do	20
5779	do	Roy Argo.	do	55
5780	do	Elmer Roberts	do	55 37 60
5781	do	Horace Ingalls	ldo	60
5782	do	Mamie Bunch	do	45
5783	do	Ethel Clark	do	45 40 25
5784	do	Florence Stoutzenberg	do	25
5785	do	Harrison Fahrnkopf	do	55
5786	do	A. F. Heck	do	45
5787	do	C. E. Mattoon	do	48
5788	do	E. E. Sandall	ldo	55 45 48 19
5789	do	Alpha Tornguist	do	25
5790	do	L. A. Hunter	do	70
5791	do	W. T. Craig	do	25 70 83 60
5792	do	W. L. Bennett	do	60
5793	do	P. O. Moore	ldo	45 47
	1 3	Will Dattorgon	l do	1 47

0.	Date.	To whom.	For what.	Amou
	1913.	Marie A. Gordon W. S. Goodspeed. Ethel Berein G. F. Paulsen Leola Meachum Geo, H. Reily Burt Hayes Della Rogers L. S. Baldwin D. M. Avey T. W. Dieckmann H. Pritchard Hazel Rhoades R. Pritchard		
795	Mar. 31	Marie A. Gordon	Wages, March, 1913	\$ 50
707		Ethel Bergin	do	83 22
708	do	G F Paulsan	do	32
799	do	Leola Meachim	do	21
5800	do	Geo. H. Reily	_do	71
801	do	Burt Hayes.	do	70
5802	do	Della Rogers	do	40
803	do	L. S. Baldwin	do	13
804	do	D. M. Avey	do	110
6080	do	T. W. Dieckmann	do	30
08U0		H. Fritchard	do	65
SOU	do	D Pritchard	do	55 55
5809 5809	do	G Donohua	do	45
5810	do	L. Donohue	do	50
5811	do	J. E. Miller	do	33
812	do	W. W. Sheldon	do	1
5813	do	Claude Harrolle.	do	30
5814	do	Pearley Cunningham	do	35
5815	do	L. J. Frizzell	do	40
5816	do	Ralph Chaplin	do	60
5817	do	James Boswell	do	2
818	do	T. W. Dieckmann H. Pritchard Hazel Rhoades R. Pritchard G. Donohue L. Donohue L. Donohue J. E. Miller W. W. Sheldon Claude Harrolle Pearley Cunningham L. J. Frizzell Ralph Chaplin James Boswell Andrew Boswell Edward Berbaum F. H. Kelley J. C. Anderson O. I. Ellis R. S. Smith Flora M. Sims Alice Reed John Lankford F. W. Gault C. C. Chapman C. A. Campbell Mary Millar W. A. McIntire J. R. Kelley J. R. Kelley M. F. Sister M. T. Lindsey G. C. Griffin Frank Wilson J. F. Purkins F. M. Perry Jacob Nikolaus J. R. Newton Ruthe Murphey Rebeecea Morgan Uriah Moreland C. M. Miller Jesse Meyers A. Servis Less Palabards Less Palabards Less Moreland C. M. Miller Jesse Morgan Uriah Moreland C. M. Miller Jesse Meyers A. Servis Less Palabards	do	24
819	do	Edward Berbaum	do	68
2820	do	г. н. Kelley		18
221	ao	O I Filis	do	6.
2002	00	D C Comith		30
1020 1291	40	Flore M Sime	do	5: 8:
5825	do	Alica Road	do	50
5826	do	John Lankford	do	6
5827	do	F. W. Gault	do	8
5828	do	C. C. Chanman	do	8
5829	do	C. A. Campbell	do	6
5830	do	Mary Millar	do	6.
5831	do	W. A. McIntire	do	. 5
5832	do	J. R. Kelley	do	. [ 5:
5833	do	Clarence Horning	. do	5
5834	do	L. E. Baker	. do	4
5835	do	M. E. Slater	- do	2
0830	go	M. T. Lindsey		3
000 <i>1</i>	do	Enong Wilson	- 0.00	4
5830	do	T F Purking	do	5
5840	do	F M Porry	do	5
5841	do	Jacob Nikolaus	do	. 5
5842	do	J. R. Newton	do	. 7
5843	do	Ruthe Murphey	do	. 5
5844	do	Rebecca Morgan	do	. 3
5845	do	Uriah Moreland	. do	. 3
5846	do	C. M. Miller	. do	.  4
5847	do	Jesse Meyers	- do	. 5
5848	do	A. Servis	. do	. 5
0040	do	Ed. Klenards	- do	·  : 8
	do	C. M. Miller Jesse Meyers A. Servis Ed. Richards William Quinn Frank Stateler Orval Snook	40	. 6
2820 1001	do	Oryal Spook	do	4
0002 5053	do	William Wilda	do	9
5854	do	Ed Wharmhy	do	5
5855	do	August Warmhier	.do	. 5
5856	do	Henry Turner		. 5
5857	do	George Turner	. do	. 4
5858	do	George Toy	.]do	. 5
5859	do	O. E. Meenach	. do	. 6
5860	)do	H. H. Mahorney	. do	.) 5
5861	do	James McCullough	. do	.\ 5
5862	do	Orval Snook William Wilde Ed Wharmby August Warmbier Henry Turner George Turner George Toy O. E. Meenach H. H. Mahorney James McCullough A. J. McAlister Thos. Long		. 6
5865	do	Thos. Long		- 1 7
2864	1ao	Thos. Long Rolla S. Carson. T. O. Henderson.	ao	- 5
5000	o	Den Mencely	do	. 9
1000 1997	7	F W Inches	do	1 10
5889	40	Margaret Tones	do	. 10
5860	dodo	Ross Hutton	d0	. 5
5876	ol. do	Chas. Wilson	J. do.	. 5
587	ido	T. O. Henderson Dan Meneely E. W. Justus Margaret Jones Ross Hutton Chas. Wilson L. M. Stearns Clara Muhleman A. C. Litton	do	. 5
5879	2 do	Clara Muhleman.	. do	. 3
F 075	3 40	A. C. Litton	do	. 5

No.	Date.	E. C. Lewis Fred Langhoff John Ceduskey Thos. Butler D. M. Bullock Harry Brown Basil Brown John Brannigan J. E. Balley W. M. Atwell C. E. Arrington Jos. Davis F. Cunningham V. S. Glenn T. F. Franklin Herman Fechtruph B. F. English Thos. J. Fay E. P. Dibble J. F. Long J. A. J. Kliem Elias Kirby Tim Kenney C. C. Johnson P. S. Jeffers F. F. Hoover John Begley W. M. Birdzell J. W. Lowe T. F. Harper Sell Hamilin W. H. Graybeal C. Y. Freeman Guy Fox J. J. Fiscus Fred Fender Louie Fender Louie Fender G. W. Boyer Phillip Udinskey G. E. Quick P. R. Greenman E. A. Schwing P. T. Watters Ora McChee R. D. Hull F. M. Van Natter Otto Schimnerer George Mink Phillip Watters Ora McGhee R. D. Hull F. M. Van Natter Otto Schimnerer George Mink Phillip Watters Chas. Rehling H. B. Seward A. A. Odell J. F. Gauger E. P. Hermann R. F. Harvey Ralph Morray Samuel Hanson William Fogarty W. G. Hixon B. Harvey Ralph Morray Samuel Hanson William Fogarty Frank Irvine A. U. Morgan James Irvine John Snyder B. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. McQueen J. M. Lindgren Litta Perplin A. Langhoff F. Crathorne S. F. Prince H. D. Nebel Daisy Swearingen	For what.	Amou
	1913.			
15874	Mar. 31	E. C. Lewis	Wages, March, 1913	\$ 62
15875	do	Fred Langhoff	do	54 58 58 54
15876	do	John Ceduskey	do	58
5877	do	Thos. Butler	do	55
5878	do	D. M. Bullock	do	54
5879	ao	Harry Brown	d0	56 51 74
5880	do	Basu Brown	d0	51
2881		John Branngan		1 19
5882		J. E. Dalley	00	46 51
0000	do	C E Arrington	do	51 56 61 123 49 53
2005 2005	uo	Log Dovie	do	81
0000 0000	do	F Cunningham	do	199
5000 5007	do	V S Glann	do	40
5888	do	T F Franklin	do	59
5880	do	Herman Fechtruph	do	48
580A	do	B F English	do	54
5891	do	Thos. J. Fav	.do	90
5892	b	E. P. Dibble	do- '	71
5893	do	J. F. Long.	.do	54 90 71 57
5894	do	J. A. J. Kliem	do	61
5895	do	Elias Kirby	do	44 42 53
5896	do	Tim Kenney	do	42
5897	do	C. C. Johnson	do	53
5898	do	P. S. Jeffers	do	52
5899	do	F. F. Hoover	do	51
5900	do	John Begley	do	52 51 56
5901	do	W. M. Birdzell	do	47 47 49 47
5902	do	J. W. Lowe	do	47
5903	do	T. F. Harper	do	49
5904	do	Sell Hamlin	do	47
5905	do	W. H. Graybeal	do	56
5906	do	C. Y. Freeman	do	52 78
5907	do	Guy Fox	do	78
5908	do	J. J. Fiscus	do	50
5909	do	Fred Fender	do	77
5910	qo	Louie Fender	ao	50 77 66 60
5911	do	G. W. Boyer	do	60
5912		Phillip Udinskey	do	24 16
9919	ao	D. D. Charante		10
5015	ao	F. A. Cobyring	do	15 18
910		D T Walters	do	16
5017	do	Oro MaChoo	do	14
501g	do	P D Hull	do	14 15 13 16 46 75 30 16 16
5010	do	F M Van Natter	do	13
5020	do	Otto Schinnerer	do	16
5921	do	George Mink	.do	46
5922	do	Phillin Walters	.do	75
5923	do	Chas. Rehling.	.do	30
5924	do	H. B. Saward	.do	16
5925	do	A. A. Odell	do	32
5926	do	J. F. Gauger	do	19
5927	do	E. P. Hermann	do	35
5928	do	R. F. Harvey	do	15
5929	do	Ralph Morray	do	35 15 10 57
5930	do	Samuel Hanson	do	57
5931	do	William Fogarty	do	50
5932	do	W. G. Hixon	do	45
5933	do	Edward Hargan	do	55
5934	do	Frank Fogarty	do	45 55 48
5935	do	Frank Irvine	do	58
936	do	A. U. Morgan	ao	58 57 48
5937	do	James Irvine	ao	48
5938	do	John Snyder	ao	48
5939	do	В. Д. Кеед		45 71 72
2940	ao	william Templin		71
5941	qo	A. Langnon		72
5942	00	r. Craunorne		72
5943	op	D. F. FILLOO		105 36
5045	oo	H. D. MCQUOGH	uo	105
5945	00	J. M. DINGGEON.		120
5045	uo	Etto Porry	uo	125 60 16 59
5049 /	uo	U I Vandarhaak	uo	±0.
5040	00	Florence Nuberg		59
5050	uo	F II Column	uo	១ប្តី
5051	uu	M. T. Nobol	do	50 7 19 50
TORC	uo	Dojey Sweeringen	do do	19
		Daisy Dweathigen	uv	90

٧o٠	Date.	S. T. Wallage. G. W. Porter J. J. Herbert. W. J. Smith. Amos Wright. Wesley Wilson. J. H. Miller. A. J. Booker. C. A. Dunseth. Marion E. Sparks. Grace J. Maxwell. Mary Ryan. Frances McClughen. Ethel V. Manley. Chas. Hill. Pete Davis. J. E. Morgan. A. L. Sowers. Arthur Semple. C. I. Newlin. I. F. Tillotson. Chas. Gundlock. W. L. Howat. Harry Higens. Howard Downing. J. R. Newberry. R. E. Klmison. G. Cramer Dry Plate Co. Geo. B. Campenter & Co. Bronson Barlow. The Geo. N. Lowrey Co. F. C. Jorgeson & Co. H. A. Swits. J. H. McFarland Co. R. L. Kelley. Inter-Ocean Oil Co. G. W. Sheldon & Co. Pantagraph Printing & Stationery Co. Illinois Commerical Apple Growers Assn. J. M. Bryant. Jennie A. Mathers. W. G. Griffith. Edna Clanton. Illinois Printing Co. G. Anderson. Albert Pick & Co. A. H. Revell & Co. Scovill Co. S. C. Kemp. Wayne Brown A. L. Bevis. A. P. Kelley. R. M. Stevens. H. E. Howes. May Rolfe. Alphons-Custodis Chimney Construction Co., Contractors. The American Society of Agronomy. C. C. Logan. Elmer Musgrove. English Bros., Contractors. Reliable Plumbing & Heating Co. D. H. Lloyde. J. H. Lloyde. J. H. Wardishing Co. Schenglish Bros., Contractors. Reliable Plumbing & Poster Registry Assn. Merra Wrights. Standard Cap & Seal Co. The Holloyde. J. H. Vandight. Standard Cap & Seal Co. The Holloyde. J. H. Wardishing Co. Schenglish Bros., Contractors. Reliable Plumbing Co. Schen Besling Co. Schen Bes	For what.	Amou
	1913.			
5953	Mar. 31	S. T. Wallage	Wages, March, 1913	\$ 20
5954	do	G. W. Porter	do	60 63
5056 5056	do	J. J. Herbert	do	108
5957	do	Amos Wright	1 do	81
5958	do	Wesley Wilson	do	85
5959	do	J. H. Miller	_do	85 68
5960	do	A. J. Booker	do	85
5961	do	C. A. Dunseth	do	85 16
5962	do	Marion E. Sparks	do	16
5963	do	Grace J. Maxwell	do	75
5964	do	Mary Ryan	do	42
900	do	Frances McClugnen		42 54 66
)900 :067	00	Ches Till	do	85
5901 5060		Pata Davis	do	63
5060 5060	do	T E Morgan	do	38
5970	do	A T. Sowers	do	41
5971	do	Arthur Semple	do	$\tilde{34}$
5972	do	C. I. Newlin	do	75
$597\bar{3}$	do	I. F. Tillotson.	do	64
5974	do	Chas. Gundlock	do	75
5975	do	W. L. Howat	do	25
5976	do	Harry Higgens	do	74
5977	do	Howard Downing	do	55 10
5978	Mar. 27	J. R. Newberry	Butter	10
5979	Mar. 28	R. E. Kinnison	Eggs	5 8 19 18 3 1 9 292 193 6
980	do	G. Cramer Dry Plate Co	Filters	10
2000	do	Geo. B. Carpenter & Co	Waste	19
5003 5003		The Cas N Lowrey Co	A directions	10
5084	40	F C Torgason & Co	Fixtures	i
5985	do	H A Swits	Rabbits	9
5986	do	C. E. Harran	Hav	292
5987	do	J. H. McFarland Co.	Pictures	193
5988	do	R. L. Kellev	Expenses	6
5989	do	Inter-Ocean Oil Co	Oil	13
5990	do	G. W. Sheldon & Co	Fees and charges	33
5991	do	Pantagraph Printing & Stationery Co	Printing	33 427 69
5992	do	Illinois Commerical Apple Growers Assn.	Hose	69
5993	do	J. M. Bryant	Expenses	7
5994	Mar. 31	Jennie A. Matners	Salary, March, 1913	50
องงอ ะกกล	Mar. 27	Edna Clanton	Colony Monch 1012	50
5007	Mor 97	Illinois Printing Co	Printing	50 50 576 97
5998	do.	G. Anderson	Cutlery	97
5999	do	Albert Pick & Co	Nankins	5 416 70 10
3000	do	A. H. Revell & Co	Rugs	416
3001	do	Scovill Co	Rug	70
6002	Mar. 31	S. C. Kemp	Wages, March, 1913	10
6003	do	Wayne Brown	do	10
5004	do	A. L. Bevis	do	17
0005	do	A. P. Kelley		25
იიიშ	00	II. E. Herres	00	21 12 18
9009 8009	uo	May Polfa	do	12
3008 3000	Mar on	Alphone Custodis Chimney Construction		10
วบบฮ	mai. 29	Co Contractors	Payment on contract	346
3010	do	The American Society of Agronomy	Books	346 5 64
3 <b>011</b>	do	C. C. Logan	Expenses	64
3012	do	Elmer Musgrove	do	1
6013	do	English Bros., Contractors	Payment on contract	1,623
6014	do	Reliable Plumbing & Heating Co	Supplies	1, 623 124
6015	do	D. H. Lloyde	Stationery	51
6016	do	J. B. Bennett	Labor and material	13 48
0017	mar. 31	J. H. Vangiventer	wages, March, 1913	61
6010 8100		Standard Can & San Ca	Dont	01
გები იიჯყ	Apr. I	American Shronshire Decistry Asses	Faag	6 10 12
6021	do	McGraw Publishing Co	Renrints	19
6022	do	Schweitzka Bros	Lettering doors	1 2
6023	do	C. H. Besly & Co	Brass	j 34
6024	do	Spencer Lens Co	Laboratory apparatus	34
6025	do	The Holliday Box Co	Boxes	34 34 153
6026	do	Standard Oil Co	Oil	69
6027	/ do	The Saffell Co	Hardware	69 33 142
6028	3 do	A. C. McClurg & Co	Books	142
6029	]do	Bacon Brothers	Supplies	52 84
			1 do .	1 9/1

# UNIVERSITY OF ILLINOIS. GENERAL UNIVERSITY WARRANTS—Continued.

о.	Date.	To whom.	For what.	Amoui
	1913.			
	Apr. 1	O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. A. G. Eldredge	Payment on account milk pro-	\$ 887 83
032	do	O. E. Staples, Chief Clerk A. G. Eldredge John Nogle J. E. Armstrong, Treasurer Ellen M. Henrotin Minnie E. Watson Wells-Abbott-Nieman Co The Kny-Scherer Co. Carbondale Printing Co. A. E. Young	do	83 167
034	do	John Nogle.	Ewe	10
035	do	J. E. Armstrong, Treasurer	Fee	10 17
036 037	do	Ellen M. Henrotin	Expenses. Wages, March, 1913.	17 18
038	do	Wells-Abbott-Nieman Co.	wages, March, 1913 Bran. Apparatus Printing	215
<b>U30</b>	do	The Kny-Scherer Co	Apparatus	215 33
$040 \\ 041$	do	A E Young	Photos	92 7
042	do	W. J. Langhoff.	Photos. Wages, March, 1913 Labor and material	58
043	do	F. A. Hawley	Labor and material	58 536 366
044 045	do	W. W. Lindley, Postmaster	Postage Students' payroll General labor	366 315
046	do	O. E. Staples, Chief Clerk	General labor	483
047	do	O. E. Staples, Chief Clerk	Freight	312
049	Apr. 2	Bronson Barlow	Expenses	18
050	do	Mary Moss	Wages, March, 1913do.	5 25
051	do	Carbondale Printing Co A. E. Young W. J. Langhoff. F. A. Hawley W. W. Lindley, Postmaster O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk D. F. McFarland Bronson Barlow Mary Moss G. F. Sutherland Kathleen Clyne H. A. Hillister E. H. Sargent & Co G. E. Stechert & Co V. R. Barnes Army & Navy Register Fernando Fe R. L. Polk & Co The Uncle Sam Oil Co. of Kansas. Flanigan-Pearson Co	do	12
052 053	do	H. A. Hillister	. do Expenses Supplies Books Wages, March, 1913 Advertising. Books	10 27
054	do	E. H. Sargent & Co.	Supplies	118 180
055	do	G. E. Stechert & Co.	Books.	180
056 057	do	Army & Navy Register	Advertising	85
058	do	Fernando Fe	Books	14
5059 5060	do	R. L. Polk & Co.	Book.	10
3060 3061	do	Flanigan-Pearson Co	Oil	1.393
3062	Apr. 3	A. Bevis	Printing Wages, March, 1913	1,393 148
3063	do	H. E. Howes	Loan	50
3065	ao	Morava Construction Co	doPayment on contractHooks	12, 150
3066	Apr. 4	Narragansett Machine Co.	Hooks.	12,10
3067	do	Alex Nielsen	Necturus Carrier Laboratory apparatus. Burners. Subscription Books. Index. Printing. Lumber Supplies Valves Rugs. Half-tones. Photo work. Hardware.	12, 150
3069	do	Edward Orton Jr	Laboratory apparatus	19
3070	do	Nernst Lamp Co	Burners	7
3071	do	The Newarker	Subscription	556
3073	do	Pantagraph Printing & Stationery Co	Index	;
3074	do	Illinois Printing Co	Printing.	556
5075 3076	do	Martin Metz	Lumber	49
3077	do	National Steam Specialty Co	Valves	1
3078	do	Marshall Field & Co	Rugs	29
5079 รถจก	do	National Engraving Co	Half-tones	1:
3081	do	Percival & Moorehead	Hardware.	2
3082	do	J. T. Ryerson & Son	Steel supplies	2
1083 1084	do	John A. Salzer Seed Co	Seeds	9
3085	do	A. F. Krueger	Expenses	1
086	do	R. L. Polk & Co. The Uncle Sam Oil Co. of Kansas. Flanigan-Pearson Co. A. Bevis. H. E. Howes. L. S. Stallings. Morava Construction Co. Narragansett Machine Co. Alex Nielsen George Murphy. Edward Orton, Jr. Nernst Lamp Co. The Newarker. The National Conference of Charities. Pantagraph Printing & Stationery Co. Illinois Printing Co. Martin Metz. The University of Illinois Supply Store. National Steam Specialty Co. Marshall Field & Co. National Engraving Co. A. O. Magnuson Percival & Moorehead J. T. Ryerson & Som John A. Salzer Seed Co. R. C. Wagner & Son. A. F. Krueger Ralph Chaplin Frank Hudson T. J. Colvin F. A. Pearson Chicago Flexible Shaft Co. J. C. Hoof & Co. John Heffernan & Son.	Photo Work Hardware Steel supplies Seeds Fuel Expenses Hens Hay Services	2 1 2 15
บช7 เกรร	αο	T. J. Colvin	Services	15
089	do	F. A. Pearson	Hay Services Expenses Machine Powder Jars	2 2
090	do	F. A. Pearson Chicago Flexible Shaft Co. J. C. Hoof & Co. John Heffernan & Son.	Machine	2
$\frac{5091}{5092}$	do	John Heffernan & Son	Jars.	1
3093	do	The Linde Air Products Co	Oxygen	.
3094	do	General Chemical Co	Oxygen Supplies Cloths	18
งบษอ 3096	do	The Denver Fire Clay Co	Supplies	:1
3097	do	American Hoist & Derrick Co	Supplies Machinery Advertising Tubing	
3098	do	Engineering News	Advertising	. 1
ასყყ 6100	do	The Leeds & Northrup Co.	Apparatus	
6101	do	The Electric Tachometer Co.	Apparatus Instrument Clips	9
6102	do	Cushman & Denison Mfg. Co	Clips	
0108 6104	do	The Hektograph Mfg. & Dup. Co.	BooksMaterial	3
6105	do	John Heffernan & Son The Linde Air Products Co. General Chemical Co Dearborn Duster Co. The Denver Fire Clay Co. American Hoist & Derrick Co Engineering News. C. H. Stoelting Co. The Leeds & Northrup Co. The Leeds & Northrup Co. Cushman & Denison Mfg. Co. The A. H. Clark Co. The Hektograph Mfg. & Dup. Co. Richard Wunderlich Cable Piano Co. E. H. Swigert. J. C. Thomas.	Repairs	
6106	jdo	Cable Piano Co	Rent	1 1
OTO	J40	T. C. Thomas	Tuning pianos. Laboratory supplies.	1

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued}.$

16120   do	o.	Date.	To whom.	For what.	Amou
Secondary   Seco		1913.			
10	3109	Apr. 5	Ernst Leitz	Light	\$ 8
10	3110	do	R. A. Hildebrand	Photos	16
1312   do	3111	do	F. W. Bird & Son	Paper	10
1313   do	3112	do	Augusta D. Evans	Expenses	13
1114   do	3113	do	L. F. Maxev	Address	5
1315   do	3114	do	I H Foster	Expenses	69
1116   do	3115	do	W F Hardy	Scoon hoard	"2
1317   do	3116	do	Diamond Crystal Salt Co	Supplies	6
1318   do	3117		Fred Realrelmonn	Fynongog	18
110	MT1		W Wood & Cong	Cood	10
100	1110		Weldenberg & Coheren	T ab anatana ann anatana	122
120	1100	do	Woldenberg & Schaar	Laboratory apparatus	122
121	1720	ao	The Toledo Pipe Threading Machine Co.	Screws	1
122   do	121	do	Green Engineering Co	Clips	126
123   do	1122	do	The Cleveland Seating Co	Chair supplies	126
124   do.   The E. H. Wachs Co.   Repairs     125   do.   C. H. Hanson   Number plates     126   do.   Good Mig. Co.   Supplies     127   do.   Hersey Mig. Co.   Disc and spindle     128   do.   The Whitman & Barnes Mig. Co.   Supplies     129   do.   The Whitman & Barnes Mig. Co.   Supplies     130   do.   A. J. Gunderson   Expenses     131   do.   Illinois Electrical Mig. Co.   Labora and material     132   do.   Joseph McDonough Co.   Labora and material     132   do.   Joseph McDonough Co.   Labora and material     133   do.   Accountant National Live Stock Records     135   do.   Gross Van Dori Co.   Books     135   do.   G. Bross Van Dori Co.   Books     136   do.   G. Bross Van Dori Co.   Books     137   do.   Gaster     138   do.   G. Bross Van Dori Co.   Hongers     138   do.   Camon Phristock 186   Go.   Hongers     138   do.   Camon Phristock 186   Go.   Hongers     148   do.   W. & C. R. V. Gas & Electric Co.   Gas     149   do.   Whiting Paper Co.   Paper     140   do.   Whiting Paper Co.   Paper     141   do.   W. G. Stromquist   Expenses     142   do.   Alberne Stone Co.   Stone tops     143   do.   Alberne Stone Co.   Stone tops     144   do.   W. G. Stromquist   Expenses     145   do.   Western Valve Co.   Supplies     146   do.   Buffalo Meter Co.   Supplies     147   do.   J. W. Butler Paper Co.   Stationery     148   do.   The Carl Bajohr L. C. Co.   Lighthing conductor     149   do.   The Carl Bajohr L. C. Co.   Lighthing conductor     150   do.   Underwood Typewriter Co.   Supplies     151   do.   Western Electric Co.   Supplies     152   do.   Burroughs Adding Machine Co.   Labor and material     153   do.   The Carl Bajohr L. C. Co.   Lighthing conductor     156   do.   The Carl Bajohr L. C. Co.   Labor and material     151   do.   The Taylor Hardware   Supplies     152   do.   A. C. McClurg & Co.   Bardware     153   do.   The Carl Bajohr L. C. Co.   Labor and material     154   do.   The Taylor Hardware   Co.   Bardware     156   do.   C. A. C. McClurg & Co.   Bardware     157   do.	3123	do	The Whitaker Paper Co	Towels	30
125   do.   C. H. Hanson   Number plates   1126   do.   Good Mig. Co.   Supplies   1127   do.   Hersey Mig. Co.   Disc and spindle   1128   do.   The Whitman & Barnes Mig. Co.   Machine parts   1129   do.   Gregory Electric Co.   Supplies   1130   do.   A. J. Gunderson   Expenses   1130   do.   A. J. Gunderson   Expenses   1131   do.   Illinois Electrical Mig. Co.   Labor and material   1132   do.   Joseph MoDonough Co.   Books   1132   do.   Joseph MoDonough Co.   Books   1132   do.   Joseph MoDonough Co.   Books   1132   do.   Accountant National Live Stock Records   Book   1134   do.   G. Bross Van Dort Co.   do.   do.   1135   do.   Chivers Book Binding Co.   Books   1136   do.   Chivers Book Binding Co.   Music   1136   do.   Carson Pirie Scott & Co.   Hangers   1138   do.   U. & C. R., Gas & Electric Co.   Gas   Gamble Hinged Music Co.   Hangers   1, 144   do.   W. G. Stromquist   Expenses   1, 144   do.   W. G. Strome Carlot   G.   Gas   G.   G.   G.   G.   G.   G.   G.   G	3124	do	The E. H. Wachs Co	Repairs	12 20
126   do.   Good Mig. Co.   Supplies       127   do.   Hersey Mig. Co.   Disc and spindle       128   do.   The Whitman & Barnes Mig. Co.   Machine parts       129   do.   Gregory Electric Co.   Supplies       130   do.   A. J. Gunderson   Expenses       131   do.   Illinois Electrical Mig. Co.   Labor and material       132   do.   Joseph McDonough Co.   Books   Books       133   do.   Accountant National Live Stock Records   Books       134   do.   G. Brose Van Dort Co.   do.       135   do.   Chivers Book Binding Co.   Books       136   do.   Gamble Hinged Music Co.   Hungers       137   do.   Carson Pirie Scott & Co.   Hangers       138   do.   U. & C. Ry. Gas & Electric Co.   Gas         139   do.   The Independent   Copples         140   do.   Whiting Paper Co.   Paper       141   do.   W. G. Stromquist   Expenses       142   do.   Albert Pick & Co.   Supplies       143   do.   The Garlock Packing Co.   Supplies       144   do.   The Garlock Packing Co.   Supplies       145   do.   Western Valve Co.   Supplies       146   do.   Buffalo Meter Co.   Supplies       147   do.   J. W. Butler Paper Co.   Stationery       148   do.   The Garlock Packing Co.   Supplies       149   do.   The Garlock Packing Co.   Supplies       140   do.   Western Electric Co.   Supplies       141   do.   Dr.   C. Co.   Lighthing conductor       142   do.   Dr.   C. Co.   Lighthing conductor       143   do.   F. Adams   Hauling       144   do.   Dr.   C. Co.   Lighthing conductor       150   do.   Underwood Typewriter Co.   Machines       151   do.   Western Electric Co.   Supplies       152   do.   Burrothardware Co.   Supplies       154   do.   Dr.   Library Bureau   Book binding       155   do.   Ernst Hertzberg &	125	do	C. H. Hanson	Number plates	12
1327   do.	126	do	Good Mfg. Co.	Supplies	20
1328   do	197	do	Harray Mfg Co	Disc and enindle	. ~;
109   do	1100	do	The Whitman & Dames Mfg. Co.	Machina parte	, ;
130   0.0   A. J. Gunderson   Expenses   1310   0.0   A. J. Gunderson   Expenses   1311   0.0   Illinois Electrical Mig. Co   Labor and material   1312   0.0   Joseph McDonough Co   Sook   1313   0.0   Accountant National Live Stock Records   Book   1314   0.0   G. Brose Van Dort Co   do   0.0   1315   0.0   Chivers Book Binding Co   Books   1316   0.0   Gamble Hinged Music Co   Music   1317   0.0   Carson Pirle Scott & Co   Hangers   1318   0.0   U. & C. R.Y. Gas & Electric Co   Gas   Copies   1318   0.0   W. & C. R.Y. Gas & Electric Co   Gas   Copies   1410   0.0   Whiting Paper Co   Paper   1410   0.0   Whiting Paper Co   Paper   1411   0.0   W. G. Stromquist   Expenses   1412   0.0   Alberene Stone Co   Stone tops   1414   0.0   Whether Paper Co   Gaskets   1415   0.0   Western Valve Co   Walves   1416   0.0   Western Valve Co   Supplies   1416   0.0   W. Butiler Paper Co   Stationery   1416   0.0   Surplies   1416   0.0   W. Butiler Paper Co   Stationery   1418   0.0   Western Valve Co   Supplies   1418   0.0   Western Electric Co   Stationery   1418   0.0   Western Electric Co   Lightning conductor   1418   0.0   Western Electric Co   Lightning conductor   1418   0.0   Western Electric Co   Lightning conductor   1418   0.0   Western Electric Co   Labor and material   Furniture   1418   0.0   Western Electric Co   Labor and material   Furniture   1418   0.0   Western Electric Co   Labor and material   Furniture   1418   0.0   H. E. Slaught   Subscription   1418   0.0   H. E. Subscription   1418   0.0   H. E. Subscription   1418   0.0   H. E. Subscription   1418   0.0   H.	1140		Crocory Floatric Co	Supplies	
130	1729	ao	Gregory Electric Co	Expenses	. 7]
1312   do.	130	ao	A. J. Gunderson	Expenses	
133   do.   Joseph McDonough Co.   Books   134   do.   G. Brose Van Dort Co.   do.   do.	131	do	Lilinois Electrical Mig. Co	Lapor and material	19
133   do.   Accountant National Live Stock Records   Go.   135   do.   G. Brose Van Dort Co.   do.   do.   do.   do.   G. Brose Van Dort Co.   do.	132	do	Joseph McDonough Co	B00ks	2
135   do.   G. Brose Van Dort Co.   do.   do.   Chivers Book Binding Co.   Books   136   do.   Gamble Hinged Music Co.   Music   137   do.   Carson Piris Scott & Co.   Hangers.   138   do.   U. & C. Ry. Gas & Electric Co.   Gas   Gas   1,   140   do.   Whiting Paper Co.   Paper   Paper   141   do.   W. G. Stromquist.   Expenses   142   do.   Alberene Stone Co.   Stone tops.   143   do.   Albert Pick & Co.   Stone tops.   144   do.   W. G. Stromquist.   Expenses   144   do.   Albert Pick & Co.   Stone tops.   144   do.   W. G. Stromquist.   Expenses   144   do.   W. G. Stromquist.   Expenses   144   do.   W. G. Stromquist.   Expenses   145   do.   Western Valve Co.   Supplies.   146   do.   Buffalo Meter Co.   Supplies.   147   do.   J. W. Butler Paper Co.   Stationery.   148   do.   F. Adams.   Hauling.   148   do.   F. Adams.   Hauling.   149   do.   The Carl Bajohr L. C. Co.   Lightning conductor.   150   do.   Underwood Typewriter Co.   Supplies.   151   do.   Western Electric Co.   Supplies.   152   do.   Burrough Adding Machine Co.   Labor and material.   153   do.   Illinois State Penitentiary.   Furniture.   Furniture.   154   do.   P. S. Campbell.   Printing.   156   Apr.   Library Bureau.   Book.   157   do.   P. S. Campbell.   Printiure.   158   do.   Champaign Steam Laundry.   Washing.   Book   158   do.   The Burr Co.   Hardware.   159   do.   The Burr Co.   Hardware.   150   do.   Champaign Steam Laundry.   Washing.   150   do.   The Taylor Hardware Co.   Brooks   150   do.   The Taylor Hardware Co.   Hardware.   160   do.   A. C. McClurg & Co.   Hardware.   161   do.   The Taylor Hardware Co.   Books.   161   do.   The Taylor Hardware Co.   Hardware.   161   do.   Central Electric Co.   Hardware.   162   do.   A. C. McClurg & Co.   Hardware.   163   do.   University Reseau.   164   do.   D. H. Lloyde.   165   do.   Central Electric Co.   Supplies.   165   do.   Central Electric Co.   Hardware.   165   do.   Central Electric Co.   Hardware.   165   do.   Western Carbon & Ribbon Co.   Ribbons.   1	133	do	Accountant National Live Stock Records	Book	2
135   do	134	do	G. Brose Van Dort Co	do	{
136   do	135	do	Chivers Book Binding Co.	Books	15
137   do	136	do	Gamble Hinged Music Co	Music	2
138   do.   U. & C. Ry. Gas & Electric Co   Gas   1,     140   do.   The Independent   Copies   1,     141   do.   W. G. Stromquist   Expenses   1,     142   do.   Alberene Stone Co   Stone tops   143   do.   Alberene Stone Co   Supplies   144   do.   The Garlock Packing Co   Gaskets   145   do.   Western Valve Co   Valves   146   do.   Buffalo Meter Co   Supplies   147   do.   J. W. Butler Paper Co   Stationery   148   do.   F. Adams   Hauling   Hauling   Hauling   148   do.   F. Adams   Hauling   Hauling   149   do.   The Carl Bajohr L. C. Co   Lightning conductor   151   do.   Western Electric Co   Machines   Supplies   151   do.   Western Electric Co   Labor and material   153   do.   Burroughs Adding Machine Co   Labor and material   153   do.   Burroughs Adding Machine Co   Labor and material   154   do.   P. S. Campbell   Printing   Washing   155   do.   Champaign Steam Laundry   Washing   Washing   156   Apr.   7 Library Bureau   Book   157   do.   H. E. Slaught   Subscription   158   do.   Ernst Hertzberg & Sons   Bookbinding   159   do.   The Burr Co   Hardware   150   do.   The Taylor Hardware Co   B. A. Strauch   Photo supplies   160   do.   A. C. Krauch   Photo supplies   160   do.   A. C. Roffing & Sheet Metal Works   160   do.   A. C. Roffing & Sheet Metal Works   160   do.   Champaign Steam   Laboratory apparatus   160   do.   D. H. Lioyde   Hardware   160   do.   C. Roffing & Sheet Metal Works   160   do.   C. Roffing & Sheet Metal Works   160   do.   G. Roffing & G. Roffing & Sheet Metal Works   160   do.   G. Roffing & G. Roffing & G. Roffing & G. R	137	do	Carson Pirie Scott & Co	Hangers	-
140   do	138	do	II & C. By Gas & Flootric Co.	Gas	1 129
140	120	30	The Independent	Conice	1,120
	140	do	Whiting Dones Co	Poper	5
141	140	ao	winting raper co	Taper	2
	141	ao	w. G. Stromquist	Expenses	24 25
143   do	142	do	Alberene Stone Co	Stone tops	. 2
144	143	do	Albert Pick & Co	Supplies	14
145	144	do	The Garlock Packing Co	Gaskets	14
146	145	do	Western Valve Co	Valves	3
147   do	146	do	Buffalo Meter Co	Supplies	1
	147	.do	J. W. Butler Paper Co.	Stationerv	28
The Carl Bajohr L. C. Co.   Lightning conductor	148	do	F. Adams	Hauling	6
Underwood Typewriter Co.   Machines	140	do	The Carl Baiohr L. C. Co.	Lightning conductor	31
	150	do	Underwood Typewriter Co	Machines	143
	151	- do	Western Flootrie Co	Supplies	35
133   do	150	,	Promoveda Adding Machine Co	Lobor and material	38
1814   do	150		Tilingia Chata Danitantiana	E-moiteme	200
155   do	153		minois State Pentientiary	Purilliante	32
155   do	154	do	P. S. Campbell	Printing	2
156 Apr.   7   Library Bureau   Book   157   do	155	do	Champaign Steam Laundry	Washing	1. 18
157   do	156	Apr. 7	Library Bureau	Book	1
158  do	157	do	H. E. Slaught	Subscription	50
159	158	do	Ernst Hertzberg & Sons	Bookbinding	10
160	159	do	The Burr Co	Hardware	7
161   do	160	do	B. A. Strauch	Photo supplies	9
162	161	do.	The Taylor Hardware Co	Supplies	100 77 97 10 11
163   do	162	do	A. C. McClurg & Co	Books	11
164   do	162	do	Twin City Roofing & Sheet Matel Works	Supplies	2
10	164	40	D H Lloyde	40	80 110
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100	100	ao	T. II. D	Danoratory apparatus	113
10	100	ao	э. д. роуге	пагижаге	3
168  do	167	do	Central Electric Co	oupplies	40
169    do   Geo   B. Carpenter & Co   Hardware     170    do   H. F. Chester   Services     171    do   Western Kieley Steam Specialty Co   Diaphragms     172    do   Western Kieley Steam Specialty Co   Diaphragms     173    do   Westinghouse Electric & Mfg. Co   Supplies     174    do   Western Carbon & Ribbon Co   Ribbons     175    do   J. Terquem & Cie   Books     176    do   Vaughan's Seed Store   Supplies     177    do   G. W. Sheldon & Co   Fees and charges     178    do   General Electric Co   Supplies     179    do   Illinois State Reformatory   Printing     180    do   Walker & Mulliken   Furniture     181    do   Twin City Ice & Cold Storage Co   Ice     182    do   The C. A. Stelinger Co   Hardware     183    do   C. A. Hall Hardware Co   Supplies     184    do   Holstein-Friesian Assn. of American   Fees     185    do   Swartz Electric Shop   Wiring     186    do   G. W. Beardsley   Wages, March 26-31, 1913	168	do	Lewis Supply Co	<u></u> d0,,,,	12
170	169	do	Geo. B. Carpenter & Co	Hardware	1
171	170	do	H. F. Chester	Services	4
172   do	171	do	Western Kieley Steam Specialty Co.	Diaphragms	1 13
173   do	172	do.	W. W. Walls & Co.	Lumber	8
174	172	do	Westinghouse Electric & Mfg. Co.	Supplies	2
175   do	174	do	Wastern Carbon & Dibbon Co	Ribbons	3
1776   do   Vaughan's Seed Store.   Supplies.     1776   do   G. W. Sheldon & Co.   Fees and charges.     178   do   General Electric Co.   Supplies.     179   do   Illinois State Reformatory.   Printing.     180   do   Walker & Mulliken   Furniture.     181   do   Twin City Ice & Cold Storage Co.   Ice.     182   do   The C. A. Stelinger Co.   Hardware.     183   do   C. A. Hall Hardware Co.   Supplies.     184   do   Holstein-Friesian Assn. of American.   Fees.     185   do   Swartz Electric Shop.   Wiring.     186   do   G. W. Beardslev.   Wages, March 26-31, 1913.	175	do	T Toranom & Cia	Rooks	0
10	170	uo	Voughan's Good Ctors	Gunnlies .	2:
117   00	1/0		O W Chalden & Co	East and charges	1 1
178	177	qo	G. W. Sheldon & Co	rees and enarges	1
179	178	do	General Electric Co	supplies	20
180  .do	179	do	IIIInois State Reformatory	Printing	22
181   do	180	do	Walker & Mulliken	Furniture	. 29
182  do	181	do	Twin City Ice & Cold Storage Co.	Ice	20
183       .do       C. A. Hall Hardware Co.       Supplies.         184       .do       Holstein-Friesian Assn. of American.       Fees.         185       .do       Swartz Electric Shop.       Wiring.         186       .do       G. W. Beardsley.       Wages. March 26-31. 1913.	182	do.	The C. A. Stelinger Co.	Hardware	1 19
184       do       Holstein-Friesian Assn. of American.       Fees         185       do       Swartz Electric Shop       Wiring         186       do       G. W. Beardslev       Wages, March 26-31, 1913	183	do	C A Hall Hardware Co	Supplies	19 21
185 do Swartz Electric Shop Wiring. 186 do G W Beardslev Wages, March 26-31, 1913	194	do	Holstoin-Friegian Agen of American	Face	22
186 do G. W. Beardsley Wages, March 26-31, 1913	104	uo	Cyronta Floatric Chor	Wiring	1 450
180 do G. W. Beardsley	199	qo	Swartz Electric Shop	Wanta Manch 00 01 1010	478
		ao	G. W. Beardsley	wages, March 20-31, 1913	10

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued}.$

0.	Date.	To whom.	For what.	Amour
1100	1913.	R. T. Welsh V. E. Spencer L. M. Wakeley H. C. Lawson Champaign & Urbana Water Co. White Line Steam Laundry. Solatia M. Taylor. Carson Pire Scott & Co. The Chicago Packing House Market. The Field & Shorb Co. H. A. Hollister T. J. Burrill Frank Morgan F. W. Gault Ralph Hilscher Charles Mollet. A. A. Sphung F. A. Hawley Weil Bros F. D. Voris & Sons Co. P. Adams W. Atlee Burpee & Co. Henry Blattner E. Bartholomew J. B. Bennett The Adams-Bagnall Electric Co. The Lunkenheimer Co. General Acoustic Co.	G	<b></b>
3188 3189	Apr. 7	V F Spanger	Services and expenses	\$ 22 8
3190	do	I. M Wakeley	Expanses	6
3191	do	H. C. Lawson	do	12
3192	do	Champaign & Urbana Water Co.	Fire protection	37
JIJO	do	White Line Steam Laundry	Washing towels, etc.	71
3194	do	Solatia M. Taylor	Slides	2
195	do	Carson Pirie Scott & Co	Dishes	23
196	do	The Chicago Packing House Market	Fish	3
197 198	do	The Field & Shorb Co.	Supplies	22
100	do	H. A. HOIIISTET	Expenses	23 250
500	do	Frank Morgan	Expanses	250
201	do	F W Coult	do do	4 52
202	do	Ralph Hilscher	do	32
203	do	Charles Mollet	Supplies	435
2∩4	Apr. 8	A. A. Sphung	Specimens	18
205	do	F. A. Hawley	Concrete shelves	18 13
206	do	Weil Bros	Pine	7
207	do	F. D. Voris & Sons Co	Supplies	5
208	Apr. 10	P. Adams.	Labor	11
209	do	W. Atlee Burpee & Co.	Seed	8
210	do	Henry Blattner	Slides	32
211	do	W. Atlee Burpee & Co. Henry Blattner. E. Bartholomew J. B. Bennett. The Adams-Bagnall Electric Co. The Lunkenheimer Co. General Acoustic Co. J. H. Finch, M. D. Breitkopf & Hartel. Automatic Electric Co. Addressograph Co. The Automobile Supply Co. American La France Fire Engine Co. Bryan-Marsh Electric Works D. M. Avey C. H. Beasley & Co. American Educational Co. Bennett's Magazine Agency. W. W. Lindley, Postmaster. J. D. Bangs & Co. Mandel Bros. C. A. Denman, Contractor. Bausch & Lomb Optical Co. The Beardsley Hotel Co. Bacon Bros: The Alexander Lumber Co. Champaign Daily Gazette. A. L. A. Publishing Board J. H. Dovle.	Book	6
212	do	J. B. Bennett	Labor	3
213	do	The Adams-Bagnall Electric Co	Globes	3
214	do	The Lunkenheimer Co	Valves	29
215	do	General Acoustic Co	Rental	10 85
216	do	J. H. Finch, M. D.	Services	85
217	do	Breitkopi & Hartel	Paper	6
$\frac{218}{219}$	do	Automatic Electric Co	supplies	12
$\frac{219}{220}$	do	The Automobile Cumple Co	Coila	10 6
$\frac{220}{221}$	do	A merican To Erones Eins Engine Co	T obor	7
$\frac{221}{222}$	do	Bryon-Moreh Floatric Works	Labor	52
$\frac{222}{223}$	do	D M A vov	Weggs Morch 21 April 7 1012	53 25
224	do	C H Reeslay & Co	Rolling	23
225	do	American Educational Co	Book	5
226	do	Bennett's Magazine Agency	Books	6
227	do	W. W. Lindley Postmaster	Postage on bulletins	75
228	do	J. D. Bangs & Co	Hardware	7
229	do	Mandel Bros	Furniture	393
230	do	C. A. Denman, Contractor	Painting	37
$\frac{231}{232}$	do	Bausch & Lomb Optical Co	Apparatus	37 160 41
232	do	The Beardsley Hotel Co	Services	41
$\frac{233}{234}$	do	Bacon Bros:	Supplies	37 196 6
$\frac{234}{235}$	do	The Alexander Lumber Co	Lumber	196
230	do	Champaign Daily Gazette	Printing	10
230	do	A. L. A. Publishing Board	BOOKS	14
$\frac{237}{238}$	do	Control Flootric Co	Hardware	27 37
238 239	do	Batter & Louis Options Co. The Beardsley Hotel Co. Bacon Bros: The Alexander Lumber Co. Champaign Daily Gazette. A. L. A. Publishing Board J. H. Doyle. Central Electric Co. H. F. Chester V. A. Place P. A. Nowlen	Sorvice	28
$\frac{259}{240}$	uo	V A Place	Expanses	1
$\frac{240}{241}$	do	P A Nowlen	do	31
$\frac{241}{242}$	do	Garfield Jones	do	3 <u>1</u> 8
$\frac{242}{243}$	- do	W. H. Smith	do	8
244	do	H. A. Cats	do	29
245	do	Cornelius Stocker	do	37
246	do	Orr Allyn	do	13
247	do	A. N. Talbot.	do	14
248	do	A. J. Gunderson	do	20
$^{249}$	do	Ralph Chaplin	Freight	24
250	do	A. F. Gustafson	Expenses	34
251	do	E. E. Hoskins	do	44
$\frac{252}{253}$	do	H. Fanrnkopf	do	24 7
253	do	Henry Lussenhop		27
254	qo	H. W. Stewart	Dormant on contract	30
$\frac{255}{256}$	oo	The Alphona Custodia Co. Combractions	rayment on contract	3,452
$\frac{256}{257}$	oo	American Museum of Natural History.	Contribution	5 000
$\frac{257}{258}$	ao	Ergemen & Brooks Contractors	Payment on contract	3, 452 346 5, 000 802
200 250	Apr. 11	Leary Stuart & Co	Dictionary	15
260	Apr. 11	P D Foster	Roard	3
$260 \\ 261$	do	The Garlock Packing Co	Pasking	16
262	do	F. J. Burns & Co	Frogs	3
262	do	Central Électric Co H. F. Chester V. A. Place P. A. Nowlen Garfield Jones W. H. Smith H. A. Cats Cornelius Stocker Orr Allyn A. N. Talbot A. N. Talbot A. J. Gunderson Ralph Chaplin A. F. Gustafson E. E. Hoskins H. Fahrnkopf Henry Lussenhop H. W. Stewart Freeman & Brooks, Contractors American Museum of Natural History Freeman & Brooks, Contractors American Museum of Natural History Freeman & Brooks, Contractors Leary, Struart & Co P. D. Foster The Garlock Packing Co F. J. Burns & Co Harvard Apparatus Co Munhall Printing House G. Cramer Dry Plate Co American Mono-Service Co	Supplies	8
3264	ob	Munhall Printing House	Printing	8 3
265	do	G. Cramer Dry Plate Co	Supplies	8 14
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11 Horf & Frerichs Chemical Co	
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Prante Statery & Carton Co.   Datters   Supplies	1 21
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1288	57
The Miller Harness Co	57
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1296   do	143
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Seed	6
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3307   do	27 21
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1314   do	150 31
3315   do	1 5
316   do	12
3317   do	5 12 91
318   do.   J. Tempere   Preparations	. 8
319	. 8 9 190
320	. 190
321	. 45
Horticulture Publishing Co   Subscription	. 9
328         .do         Albert Wuesteman         Cutlery           324         .do         T. H. Craig         Repairs           325         .do         C. C. Short         Setting shoes           326         .do         R. C. Wagner & Son         Fuel           327         .do         Florists Publishing Co         Subscription           328         .do         Detroit Flower Pot Co         Supplies	45 9 1 5 5 2 15
524       - 0.0       - 1. H. Craig.       Kepairs.         325       - do.       C. C. Short.       Setting shoes.         326       - do.       R. C. Wagner & Son.       Fuel.         327       - do.       Florists Publishing Co.       Subscription.         328       - do.       Detroit Flower Pot Co.       Supplies.	-  5
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327 do Florists Publishing Co. Subscription. Subscription. Supplies.	-) 1 <sup>2</sup>
328 do Detroit Flower Pot Co Supplies	1 15
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329 do lA & E Tarbox  Chielean	49
330 do C. F. Elmes Engineering Works Bahhit	5 165
330 .do C. F. Elmes Engineering Works. Babbit. 331 .do Westinghouse Electric & Mfg. Co. Labor and material. 332 .do Eberhard Faber. Supplies. 333 .do Wm. Green. Seeds.	. 4
Supplies    . i	
333 do Wm. Green Seeds	.l î
334 do. A. N. Pierson. Plants.	. 167
335do Oscar Wegehn	. 2
336do Paul Gottschalk	.  3
336 do Paul Gottschalk Books 337 do Tice & Lynch Fees and charges 338 do Stafford Engraving Co Labor and material	. 6
338 do   Stafford Engraving Co   Labor and material	. 20
5339 do Racine-Sattley Co	. 53
3339   do   Racine-Sattley Co   Implements   1340   do   Federal Sign System   Shades   1341   do   The Western Gas Fixture Co   Supplies   1342   do   H. Mueller Mig. Co   do   do	. 2
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To.	Date.	To whom.	For what.	Amou
	1913.	Stearnes Steel Range Co. Illinois Press Clipping Bureau. H. W. Johns-Manville Co. Frank Zercher Williams Bros. Twin City Roofing & Sheet Metal Works Reliable Plumbing & Heating Co. Western Electric Co. Remington Typewriter Co. F. K. Robeson G. C. Willis Western Kieley Steam Specialty Co. The Saffell Co. A. S. Nelson & Sons. Fuller & Fuller Co. Twin City Printing Co. E. H. Sargent & Co. 20th Centrury Press Clipping Bureau. L. C. Smith Bros. Typewriter Co. Illinois State Reformatory G. E. Stechert & Co. W. W. Walls & Co. Charles Mollett. Funk Bros. Seed Co. A. H. Kelley Institut fur Garungsgewerbe L. E. Knorr Illinois Surety Co.		
6343	Apr. 12	Stearnes Steel Range Co	Cooking utensils	\$ 15 10
6344 6345	do	Illinois Press Clipping Bureau	Service	10
6246	do	H. W. Johns-Manville Co	Apparatus	11
6340 6347	do	Williams Bros	Lehor and material	118
6348	do	Twin City Roofing & Sheet Metal Works	Sunnlies	110
6349	do	Reliable Plumbing & Heating Co	do	202 47
6350	do	Western Electric Co.	do	47
635 H	do	Remington Typewriter Co	do	9
63521	do	F. K. Robeson	Dry goods	312 37 37 46 75 41
6353	do	G. C. Willis	do	37
63541	do	Western Kieley Steam Specialty Co	Machinery	46
3355	do	The Saffell Co	Hardware	75
3356	do	A. S. Nelson & Sons	Groceries	41
3357 3358	do	Fuller & Fuller Co	Drugs	32
3359	do	F II Corgont & Co	Leberatory guardies	21 79
360		20th Contrary Pross Clipping Burgon	Clipping service	10
3361	do	L. C. Smith Brog. Typowriter Co.	Rantal and navment	25
$361 \\ 362$	do	Illinois State Reformatory	Printing	128
3631	do	G. E. Stechert & Co	Books	35 128 45 77 211
364	do	W. W. Walls & Co	Lumber	77
365 l	do	Charles Mollett	Labor and material	211
366	do	Funk Bros. Seed Co	Jacob and material Seeds. Lecture Cultures Expenses Premium Lecture	99
	Apr. 15	A. H. Kelley	Lecture	10
368	do	A. H. Kelley Institut fur Garungsgewerbe. L. E. Knorr. Illinois Surety Co. S. D. Bawden. Jennie C. Barlow Wurttembergische Metallwarenfabrik Libreria Morpurgo. Garda Jungberg. C. Klincksieck. Horace Knight Franz Feuticke. Frank Soptzen. Henry Sotheran & Co. Sezione Antiquaria. Porrua Hnos. Rosa-Lee Gaut Ulrico Hoepli Paul Geuthner. Otto Harrassowitz. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. Korten Brothers Co. Dettnet & Jagerson Supply Co. McIntosh Steropticon Co. J. C. Allen. Florance E. Watson	Cultures	j
369	do	L. E. Knorr	Expenses	15
370 371	do	Illinois Surety Co	Premium	50
371	do	S. D. Bawden	Lecture	25
372 373		Jennie C. Barlow	Services	104
3274		Libraria Maraurga	Services Apparatus Photograph Drawings Books Drawings Books Horse	25 30 124
3374 3375	do	Garda Tungharg	Drawings	6
376	do	C Klineksieck	Books	
3377	do	Horaca Knight	Drawings	5
378	do	Franz Feuticke	Books	18
3379	do	Frank Soptzen	Horse	190
380	do	Henry Sotheran & Co	Books	70
3381 3382	do	Sezione Antiquaria	Books Book Books Books Wages, March, 1913 Books do	18 190 70 3 57
3382	do	Porrua Hnos	Books	57
3383	do	Rosa-Lee Gaut	Wages, March, 1913	1 19
3384	do	Ulrico Hoepli	Books	41
3385	do	Paul Geuthner	do	60 182 660
386 387	ao	O E Stanles Chief Clark	Downsonto milly mandages	182
3200	do	O. E. Staples, Chief Clerk	Sundry bills poid	100
388 289	do	O. E. Staples, Chief Clerk	General labor April 1_12 1013	100
390	uo	O. E. Staples, Chief Clerk	Express paid	105
391	Apr. 18	Korten Brothers Co.	Coffee and tea	18
392	do	Deftnet & Jagerson Supply Co	Shavings	25
393	do	McIntosh Steropticon Co	Slides	3
394	do	J. C. Allen	Photographs	183 422 105 18 25 3
395	do	Florence E. Watson	. do	25 25 1 4 2 2 26
396	do	L. C. Gillispie & Sons	Wood oil	1
397	do	Standard Oil Co	Оп	4
398	do	Macninists Supply Co	Offerease cups. Service of men Printing. Entertaining Supplies Badges. Expenses	2
399	do	The New Fre Printing C	Dervice of men	2
400	do	The Reardeley Hetel Co	Entertaining	26
405	uo	Foota Mineral Co	Sunnlies	່ວ້
402	uo	Gulick Pennant Co	Radgas	27 27 21
404	do.	C. M. McConn	Expenses	19
405	do	Laura B. Evans	-do	18 40
406	do	B. L. Ray	Loan	150 50
407	do	P. L. Schoolcraft	do	50
408	do	H. La Sell	Labor	
409	do	J. S. Hipple	Canulas	3
410	do	Lloyde's University Store	Blotters	_1
411	do	Spencer Lens Co	Supplies	35
412	do	Edward Pennock	ao	2
413	qo	Lewis Electric Supply Co	LOOM	3 1 35 2 7
1414	ao	The Folor Mfg. Co.	Material	1 1
1410	do	Florence Harrison	Convices	45 30
3/17	uo	P S Pickatt	Evnances	15 15
3410	uo	I. H. McFarland Co	Slides	15 93
419	do.	Dettnet & Jagerson Supply Co.  McIntosh Steropticon Co.  J. C. Allen. Florence E. Watson L. C. Gillispie & Sons Standard Oil Co.  Machinists Supply Co. Illinois Traction System. The New Era Printing Co. The Beardsley Hotel Co. Foote Mineral Co. Gulick Pennant Co. C. M. McConn. Laura B. Evans. B. L. Ray. P. L. Schoolcraft. H. La Sell. J. S. Hipple. Lloyde's University Store. Spencer Lens Co. Edward Pennock Lewis Electric Supply Co. F. W. Muncie. The Foley Mfg. Co. Florence Harrison B. S. Pickett. J. H. McFarland Co. Meyer & Wenthe. J. Manz Engraving Co. Axley Hay Co.	Expenses	3
1420	do	J. Manz Engraving Co	Stamps. Engravings. Alfalfa.	17 172

1913   18   Spalding & Quirk		Date.	To whom.	For what.	Amou
6455 do         Mandel Brothers         Chairs           6456 do         Western Valve Co         Supplies           6457 do         Walker & Mulliken         Chairs           6458 do         The Powers Regulator Co         Labor and material           6459 do         Smith & Co         Ammonia and meat           6460 do         G. W. Sheldon & Co         Fees and charges           6461 do         National Engraving Co         Half tones           6462 do         Metzler & Schafer Co         Groceries           6463 do         The Miller Harness Co         Repairs and supplies           6464 do         Mittendorf & Kiler         Furniture           6465 do         A. C. McClurg & Co         Books           6466 do         A. C. Magnuson         Photo work and supplies           6467 do         The Taylor Hardware Co         Supplies           6468 do         The Taylor Hardware Co         Supplies           6469 do         Western Carbon & Ribbon Co         do           6470 do         Swartz Electric Shop         Lamps           6471 do         The Carson-Payson Co         Hardware           6472 do         Weston Electrical Instrument Co         Repairs           6473 do         C. W. Malcolm		1913.			
6455 do Mandel Brothers Chairs 6456 do Western Valve Co Supplies 6457 do Walker & Mulliken Chairs 6459 do Smith & Co Ammonia and meat 6459 do Smith & Co Ammonia and meat 6469 do Smith & Co Fees and charges 6461 do National Engraving Co Half tones 6462 do Metzler & Schafer Co Groceries 6463 do Metzler & Schafer Co Groceries 6464 do Mittendorf & Kiler Furniture 6465 do A C McClurg & Co Books 6466 do A C Magnuson Photo work and supplies 6466 do A C Magnuson Photo work and supplies 6467 do The Taylor Hardware Co Supplies 6468 do The Taylor Hardware Co Hardware 6469 do Western Carbon & Ribbon Co do 6471 do The Carson-Payson Co Hardware 6472 do Weston Electrical Instrument Co Repairs 6473 do Contral Scientific Co Wire and tubes 6474 do Jaw A Western Carbon & Ribbon Co Hardware 6475 do Jaw Swartz Electrical Instrument Co Repairs 6476 do Jaw Metzler & Co Hardware 6477 do Grothal Scientific Co Wire and tubes 6478 do Jaw A Western College Library 6479 do Jones, McDuffee & Stratton Co Finger bowls 6479 do Jones, McDuffee & Stratton Co Finger bowls 6480 do The American MultigraphiSales Co Ribbon 6481 do Compair & Ultron Wester Co Supplies 6482 do Eugene Dietzgen Co Jones 6483 do Chammain & Ultron Wester Co Supplies	2	Apr. 18	Spalding & Quirk	Paper cups	\$ 2 93
Mandel Brothers	4	do	S. C. Tucker	Drugs	02
	51	do	The Frederick Post Co	Paner	1
	31.	do	E. W. Sampson	Implements	1 95 3 3 10 2 3 1 1 1 2 184
	7	do	Sheldon Brick & Building Supply Co	Supplies	3
	3 .	do	Revere Rubber Co	Hose	9
	ÐĮ.	do	M. H. Robinson	Expenses	3
	9	do	Garton-Cooper Seed Co	Oats	10
	ᆡ.	do	Stephen Rogers	Expenses	2
	٤.	do	Charles Monet	Labor and material	1 1
	4	do	E P Pohingon	Book	1 1
455   do	51	do.	W. M. Hill	do	9
	3	do	Illinois Commercial Apple Growers Assn.	Supplies	184
455   do	7	do	Jolly, Wieland & Richardson Co	Hardware	6
	8 .	do	W. M. Taylor	Expenses	18
	9 .	do	J. M. Hendershott	Oil	10 68 3
	Ŋ.	do	Standard Oil Co	do	68
	니.	do	Current Literature Publishing Co	Subscriptions	3
	4	do	S. U. Andros	Expenses	0 770
455   do	귀.	do	E lectric Coal Co	Screenings	2,778 14 22
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481   do	áľ.	do	Western Valva Co	Supplies	7
481   do	71	do	Walker & Mulliken	Chairs	36 5 28
481 . do Central Egg Carrier Co	3	do	The Powers Regulator Co	Labor and material	5
481 . do Central Egg Carrier Co	91.	do	Smith & Co	Ammonia and meat	28
481 . do Central Egg Carrier Co	) .	do	G. W. Sheldon & Co	Fees and charges	22
481   do	Ц.	do	National Engraving Co	Half tones	5
481 . do Central Egg Carrier Co	١.	do	Metzler & Schafer Co	Groceries	65 6
481 . do Central Egg Carrier Co	? :	00	Mittonder for Kilon	Repairs and supplies	04
481   do	:1:	ao	A C McClurg & Co	Packs	84 20
481   do	ίΙ:	do	A. O. Magnuson	Photo work and supplies	154
481   do	ìl.	do	Twin City Ice & Cold Storage Co.	Tee	44
481   do	31.	do	The Taylor Hardware Co	Supplies	2
481 . do Central Egg Carrier Co	١.	do	Western Carbon & Ribbon Co	do	26
481 . do Central Egg Carrier Co	١.	do	Swartz Electric Shop	Lamps	9
481   do	١.	do	The Carson-Payson Co	Hardware	26 9 7 15
481   do	: -	qo	Weston Electrical Instrument Co	Repairs	10
481   do	1	do	Control Scientific Co	Blue prints	45
481   do	1	do	A. W. A harnethy	Photos	40 2
481   do		do.	J. M. White	Expenses	4
481   do	1.	do	Harvard College Library	Cards	17
481   do	31.	do	Men's Wear	Advertising	7
181   do	١.	do	Jones, McDuffee & Stratton Co	Finger bowls	. 8
482 do Champaign & Urbana Water Co Water	١.	do	The American Multigraph Sales Co	Ribbon	
182]do Eugene Dietzgen Co	Ц.	do	Central Egg Carrier Co	Supplies	. 6
100	:	do	Eugene Dietzgen Co.	do	20 1 27
Automate Dietera Co	1	o	Automotia Floatria Co	Water	7
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187   do.   Chicago Retort & Fire Brick Co.   Tile.     188   do.   Carl Hecker   Corn.     189   do.   International Acheson Graphite Co.   Electrodes.     190   do.   The Chicago Assn. of Commerce.   Subscription.     191   do.   The Cadmus Book Shop.   Books.     192   do.   The Journal of Biological Chemistry   Books.     193   do.   Metal Worker   Subscription.     194   do.   C. H. Stoelting Co.   Springs.     195   do.   H. H. Stoek.   Expenses.     196   do.   American Educational Co.   Directory.     197   do.   Edward Bartow.   Expenses.	:	uo	Hibbard Spancer Bartlett & Co	Sorows	17
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	1913.	R. A. Stipes. Geo. B. Carpenter & Co. J. W. Butler Paper Co. E. A. Eichorst. Frison Carriage Shop. S. E. Huff & Co. W. Lewis & Co. Keuffel & Esser Co. Monarch Electric & Wire Co. General Electric Co. The Ideal Electric Co. Chambaien Seed Co.		
501	Apr. 18	R. A. Stipes	Sand and gravel	\$ 8
502	do	Geo. B. Carpenter & Co	HardwareStationery	70
503	do	J. W. Butler Paper Co	Stationery	24 13
504	do	E. A. Elcnorst	Harness. Repairs Lumber Dry goods. Supplies -do	13
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515		Central Electric Co	Supplies	50
516	do	D H Lloyda	do	96
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512	do	The Chester Transfer Co	Sarvice	1 11
510	do	Central Union Telephone Co	do	190
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521	do 1	Bausch & Lomb Ontical Co	Laboratory apparatus	250
522	do.	Illinois Traction System	Freight	180 180 13, 079 259
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526	do.	F. A. Pearson	Field expenses	12 27
27	do	O. P. Craig	Expanses	29
28	do	A. F. Krueger	do	4
529	do	E. W. Blatchford Co.	do	9
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532	Apr. 21	R. A. Stines	Sand	15
533	do	Woldenberg & Schaar	Jars. Services	43
534	do	Josiah C. Hoke	Services	40
535	do	Luitwieler Pumping Engine Co	Gear	35
536	do	American Steam Pump Co	Piston rod	31
537	do	R. R. Donnelley & Sons	Express	581
538	do	C. A. Campbell	Gear Gear Gear Gear Piston rod Express Expenses	35 31 581 31 47
539	do	S. V. Holt	do	47
540	do	A. F. Gustafson	do	36
541	do	T. H. Craig	Watches	12
542	do	Stearnes Steel Range Co	Supplies	1, 384 1, 384 66 124 191
543	do	Walker & Mulliken	Furniture	66
544	do	C. A. Denman	Labor and material	124
545	do	Ernst Leitz	Apparatus	191
546	do	Standard Oil Co	Oil	32
547	do	Flanigan-Pearson Co	Printing	264
548	do	Ernst Hertzberg & Sons	Binding	344
549	do	Cunningham Brothers	Supplies	344 7 41
550	do	D. H. Lloyde	do	41
51	do	J. Biship & Co., Platinum Works	Supplies	52
552	do	G. E. Stechert & Co	Books	222
53	do	G. E. Stechert & Co	do	52 222 250 74
54	do	The Boston Book Co	do	74
55	do	Univers Book Binding Co	qo	_58
556	do	A. U. McClurg & Co.		137
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000	go	A. Bryant & Son	Trees	82
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6580	Apr. 24	B. E. Powell	Expenses	\$ 9 141 10
6581	do	L. J. Towne	do	2
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6583	do	A. K. Chittenden	Expenses	10
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6585	do	O. S. Watkins	do	13 300 866 42 16
6586	do	R. W. Rogers	Lectures	300
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0000		H. W. Stewart.	Expenses	42
6200	do	A. E. Custofson	do	10
6501	uo	A. F. Gustaison	do	17
6502	do	H C Wheeler	do	158 24 21 12 20
6593	do	Rahson's Statistical Organization	Books	94
6594	do	F. W. Tanner	Expenses	21
6595	do.	F. W. Tanner	do	12
6596	Apr. 25	A. H. Barber Creamery Supply Co	Wrappers	20
6597	do	Watson Faulkner	Drugs	157
6598	do	John Reichard	Corn	157
6599	do	The Adams-Bagnall Electric Co	Supplies	4
6600	do	A. B. Dick Co	Stationery	3
6601	do	The Chicago Tribune	Advertising	33
6602	do	L. W. Faulkner	Hardware	5
6603	do	F. J. Burns & Co	Frogs	37
6604	do	Educational Advertising Agency	Advertising Expenses Rabbits Specimen Subscription Horse shoeing Stenographic work Book Labor Steer Models Books	7
5605	do	F. R. Watson	Expenses	6
6606	do	H. A. Swits	Rappits	11
0007	ao	E. P. Dolbey & Co	Specimen	11
6600	do	The American Florist Co	Horse sheeing	10
6610		The Letter Chan	Stanographia work	12 32 16
6611		The American Tournal of Dhysiology	Book	16
6612		Sutherland & Sowers	Labor	5
6612	do	T G Tolon	Steer	100
6614	do	Geo L. Morris Studio	Models	100 60 17
6615	do	Reliable Poultry Journal Publishing Co.	Books	17
6616	do	Coldwell Lawn Mower Co	Repairs	15
6617	do	Maxim Chemical Co	Soap.	9
6618	do	Art Metal Construction Co	Labor	7
6619	do	J. G. Biddle	Thermometers	18
6620	do	Chicago Architects' Business Assn	Books	7
6621	do	Favor, Ruhl & Co	Charts	7 18 7
6622	do	Detroit Flower Pot Co	Supplies	58 4 4
6623	do	The Cadmus Book Shop	Books	-4
6624	do	J. W. Cadby	do	4
6625	do	The Torch Press	BOOK	12
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2200	do	Milling Science	Labor and material	20
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6621	do	The Burr Co	do	76
6632	do	Cunningham Bros	Supplies	76 47
6633	do.	Corbin Cabinet Lock Co	do	11
6634	do	Champaign Gas & Electric Supply Co	do	23
6635	do	Twin City Roofing & Sheet Metal Works	do	121
6636	do	E. M. Moll	do	6
6637	Apr. 26	Armour Fertilizer Works	Bone meal	294
6638	do	D. H. Stevenson	Expenses	60
6639	do	Carroll J. Badger	do	60 15 192
6640	do	W. L. Abbott.	do	192
6641	do	Library of Congress	Deposit	40
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0043	ao	W. U. Zimmerman	Expanses	1,790
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6627	do	W F Langelier	do	56
6649	Apr on	Reliable Plumbing & Heating Co	Payment on contract	576
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6650	do	E. T. Bullamin. The Letter Shop The American Journal of Physiology. Sutherland & Sowers J. G. Tolan Geo. L. Morris Studio. Reliable Poultry Journal Publishing Co. Coldwell Lawn Mower Co. Maxim Chemical Co. Art Metal Construction Co. J. G. Biddle. Chicago Architects' Business Assn. Favor, Ruhl & Co. Detroit Flower Pot Co. The Cadmus Book Shop J. W. Cadby. The Torch Press Ingersoll-Rand Co. Mining Science B. A. Strauch Dallenbach Bros. Crane Co. The Burr Co. Cumingham Bros. Crone Co. Cumingham Bros. Corbin Cabinet Lock Co. Champaign Gas & Electric Supply Co. Twin City Roofing & Sheet Metal Works E. M. Moll Armour Fertilizer Works D. H. Stevenson Carroll J. Badger W. L. Abbott. Library of Congress. John Reichard W. C. Zimmerman E. C. Schmidt C. E. Magnusson H. P. Rusk W. F. Langelier Reliable Plumbing & Heating Co. H. F. Ferguson Ralph Hilscher D. A. Abrams C. C. Adams R. M. Alden C. W. Alvord W. C. Allen C. H. Allen C. H. Allen L. F. Anderson S. O. Andros.	do	576 576 47
6651	Apr. 30	D. A. Abrams	Salary, April, 1913	133 137 333 145 120
6652	do	C. C. Adams	do	137
6653	do	R. M. Alden	do	333
6654	do	C. W. Alvord	do	145
6655	do	W C. Allee	do	120
6656	do	C. H. Allen	do	30 <b>2</b> 08
6657	do	L. F. Anderson	do	208 150
LUUUJI				

No.	Date.	To whom.	For what.	Amou
	1913.		* .	
L6659	Apr. 30	June M. Ashley Ruth S. Atwell Robert Back G. D. Bagley W. C. Bagley Margaret L. Bailey W. H. Bair I. O. Baker R. E. Baker C. C. Baldwin C. W. Balke Panzy Barger Bronson Barlow J. T. Barrett.	Salary, April, 1913	\$ 30 60
6660	do	Ruth S. Atwell	do	60
6660	do	Robert Back	Scholarship April 1012	75 25 291 50
6663	do	W C Booley	Solory April 1012	201
6664	do	Margaret L. Bailey	Fellowship, April, 1913	50
6665	do	W. H. Bair	Salary, April, 1913	
6666	do	I. O. Baker	do	333 30 150 183 30 50 58 50 100 250
16667	do	R. E. Baker	do	30
6668	do	E. C. Baldwin	do	150
.6669	do	C. W. Balke	do	183
6670	do	Panzy Barger	do	30
6671	do	Bronson Barlow		50
6672	0	J. T. Darrett.	do	50
6674	uo	P S Rorto	do	100
6675	do	H I Barton	do	250
6676	do	Edward Bartow	do	291
6677	do	S. I. Bates	do	100
6678	do	W. S. Bayley	do	187
6679	do	G. D. Beal	do	120
6680	do	J. H. Beard.	_do	100 187 120 120 166 60
6681	do	J. B. Beck	do	166
6682	do	J. E. Bell	do	60
6683	do	D. W. Benedict.	do	291 250 333 100
6684	do	Madison Bentley	do	250
5685	do	E. J. Berg.	do	333
0680	ao	Panzy Barger Bronson Barlow J. T. Barrett. H. H. Bartells P. S. Barto H. J. Barton Edward Bartow S. J. Bates W. S. Bayley G. D. Beal J. H. Beard J. H. Bode E. L. Bogart G. P. Bloomsliter Ethel Bond R. L. Borger C. V. Boyee R. O. Brigham Alice D. Brooks Morgan Brooks N. C. Brooks Verna Brooks	ao	100
1800		J. S. Blondheim	00	110
0000	do	P II Podo	do	950
0009	do	E I. Bogert	do	250
8601	do	G P Bloomsliter	do	116 120 250 250 130 83 125 120 60 30
8692	do	Ethel Bond	do	83
6693	do	R. L. Borger	do	125
6694	do	C. V. Bover	do	120
6695	do	R. O. Brigham	do	60
6696	do	Alice D. Brooks	do	30
6697	do	Morgan Brooks	do	250
6698	do	N. C. Brooks	do	200
6699	do	Verna Brooks	do	80
6700	ao	F. F. Brown	do	250 200 80 20 80 183 110 150 116
0701	00	Enzapeth P. Brush		100
3702	do	W A Buchen	do	110
8704	do	A M Ruelr	do	150
6705	do	S. I. Buck	do	116
3706	. do	W. E. Burge	do	166
3707	do	L. V. Burton	do	166 30 120
3708	do	S. C. Burton	do	120
3709	do	H. V. Canter	do	Inn
3710	do	A. P. Carman	do	333 208
3711	do	D. H. Carnahan	do	208
5712	do	F. W. Carpenter	do	166
713	o	H. E. Carscallen	00	75
1114	uo	H. I. Carson	ao	125
710	uo	A K Chittenden	do	75 125 65 229
717	do	E. W. Chittenden	do	190
718	. do	C. E. Clark	do	120 166 30
719	do	Alice J. Brooks. M. C. Brooks. N. C. Brooks. Verna Brooks. F. F. Brown. Elizabeth P. Brush. J. M. Brysnt. W. A. Buchen. A. M. Buck. S. J. Buck. W. E. Burge. L. V. Burton. S. C. Burton. H. V. Carter. A. P. Carman. D. H. Carnahan. F. W. Carpenter. H. E. Carscallen. H. Y. Carson. Roy Carter. A. K. Chittenden. E. W. Chittenden. E. W. Chittenden. C. E. Clark. K. A. Clark. K. A. Clark. T. A. Clark. L. D. Coffman.	do	30
720	do	T. A. Clark L. D. Coffman Alexander Cohn	do	416
$\frac{720}{721}$	do	L. D. Coffman	do	250
722	do	Alexander Cohn	do	10
722 723 724	do	A. C. Cole.	do	130
5724	do	Vida L. Collins	ao	416 250 10 130 90
725	do	A. F. Comstock		180 100 120
7207	op	H. F. Corrley	uo	100
2700	do	Tonnio A Croic	do	
3720 S	uo	A R Crathorna	do	75 141
3720	do	H I. Creek	do	190
6721	do	W. E. Cummins	do	120
6732	do	Florence R. Curtis	_do	110
6733	do-	A. H. Daniels	-do	300
6734	do	Juanita E. Darrah	do	141 120 15 110 300 10
6735	do.	Alexander Cohn. A. C. Cole. Vida L. Collins A. F. Comstock H. P. Corson F. K. Cowley Jennie A. Craig A. R. Crathorne. H. L. Creek W. E. Cummins Florence R. Curtis A. H. Daniels Juanita E. Darrah Lloyd Davis R. E. Davis B. S. Davisson.	_do	30
6736	do	R. E. Davis	do	30 100 50

٠.	Date.	E. H. Decker J. A. Dent W. W. Denton C. G. Derick E. R. Dewsnup J. K. Ditchy W. F. Dodd D. K. Dodge A. B. Domonoske G. W. Dowrie F. K. W. Drury F. O. Dufour J. C. Duncan J. M. Duncan R. S. Dunham Fannie Dunlap H. H. Dunn R. A. Dutcher H. S. Eames E. T. Ebersol W. C. Eells W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger E. W. Engle N. E. Ensign L. T. Fairnall J. Don A. Farpol S. P. Farwell E. C. Faust Mary E. Fawcett Whiffed Febrenkamp Emma Felsenthal H. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford G. E. Frazer J. W. Farge S. A. Forbes G. S. Ford G. E. Frazer J. W. Garner N. B. Garver Ross Lee Gaut W. S. Gentry, Jr H. L. Gill C. E. Gillett H. H. Gooden H. F. Gooden J. W. Folsom S. A. Gooden J. W. Gass P. R. Gooden J. W. Genner N. B. Garver Ross Lee Gaut W. S. Gentry, Jr H. L. Gill C. E. Gillett H. H. Gooden J. R. Grigg T. H. Gulld J. E. Gutberlet	For what.	Amou
_	1913.			
38	Apr. 30	E. H. Decker	Salary, April, 1913	\$250 150 120
39	do	J. A. Dent	do	150
إ40	do	W. W. Denton	do	120
41	do	C. G. Derick	do	14 25 8
42	do	E. R. Dewsnup	do	25
43	do	J. K. Ditchy	do	8
44	do	W. F. Dodd	do	16 25 14
45	do	D. K. Dodge	do	25
46	do	A. B. Domonoske	do	14
47	do	G. W. Dowrie	do	9
48	do	F. K. W. Drury	do	16 16 22 9
49	do	F. O. Dufour	do	16
50	do	J. C. Duncan	do	22
51	do	J. M. Duncan	do	9
52	do	R. S. Dunham	do	1
53	do	Fannie Dunlap	do	5
54	do	H. H. Dunn	do	1 5 9
55	do	R. A. Dutcher	do	13 3
56	do	H. S. Eames	do	13
57	do	E. T. Ebersol	do	3
58	. do	W. C. Eells	Fellowship, April, 1913	5
59	. do	W. E. Ekblaw	Salary, April, 1913	l ĕ
60	. do	Frederick Ellis	do	15
61	do	Arnold Emch	do	15 16 16 16 3 12
62	do	M. L. Enger	do	16
63	do	E W Engle	do	3
764	do	N E Engin	do	10
765	do	L B Emerling	do	2
766	do	I. T Fairhall	do	5
767	do	John A Foirlio	do	95
760	do	D M Force	do	40
760		C D Formall	d	3 25 5 14
770		E C Farget		14 6 16 7 7 6 4 16 12 20
771	ao	Mann To Thomas to		100
777	ao	Mary E. Fawcett		10
72	ao	winiired Fenrenkamp	qo	1 2
773	ao	Emma Feisenthal	ao	1 7
774	ao	H. F. Ferguson		6
775	do	E. E. Flero.	. do	4
776	do	E. J. Filbey	. do	16
777	do	1. W. Fisk	. do	12
778	do	J. D. Fitz Gerald II	. do	20
779	do	E. B. Flanigan		8
780	do	F. L. Fleener	. do	4
781	do	V. R. Fleming	do	12 12 20
782	do	C. H. Fletcher		1
783	do	G. T. Flom	do	20
784	do	J. W. Folsom	. do	16
785	do	S. A. Forbes	do	16 4 25
786	do	G. S. Ford	. do	25
787	do	G. E. Frazer	do	30
788	do	J. A. Frisk	. do	30 9 17 25 15 3 10 20 3 6
789	do	Edward Fulton	do	17
790	do	J. W. Garner	. do	25
791	do	N. B. Garver	ao	15
792	do	Kosa Lee Gaut		3
793	do	W. S. Gentry, Jr	do	10
794	do	H. L. Gill	do	20
795	do	C. E. Gillett	do	3
796	do	Hugh Glasgow	do	6
797	do	E. A. Glenz	do	1
798	do	H. F. Godeke	do	12
799	do	Julius Goebel	do	27
300	do	H. F. Gonnerman	do	12
301	do	G. A. Goodenough	do	25
302	do	T. G. Goodwin	do	6 1 12 27 12 25 9 50 13 6 29
803	do	W. F. M. Goss	do	50
304	do	P. S. Goulding	do	13
305	do	Bessie R. Green	do	6
306	do	Frederick Green	do	29
807	do	E. B. Greene	do	37
308	. do	D. R. Grigg	do	l i
809	do	T. H. Guild	do	12
ลับัก	do	I. E. Gutherlet	do	37. 1. 12. 6
211	do	Alta Gwinn	do	1 8
ี้ คีก	do	G. C. Habermeyer	do	14
212 212	do	H. F. Hadley	Fellowship April 1012	14
21/	do	Frederick Green E. B. Greene D. R. Grige T. H. Guild J. E. Gutberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale	Solory April 1013	14 5 8 12 25
215	do	H G Haka	do	10
ببدر	do	W G Holo	do	22
		W. G. 且&l@		2

0.	Date.	To whom.	For what.	Amou
	1913.	R. G. Hall Paul Hansen L. G. Hana Sada Harbarger A. A. Harding O. A. Harker E. C. Hayee C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. E. Hinds Wilhelm Hirshkind Jacob Hodnefield H. C. Hohman M. A. Hollinshead H. A. Hollinste E. E. Hollman H. A. Hollinste		
817	Apr. 30	R. G. Hall	Salary, April, 1913	\$ 30
818	do	Paul Hansen	do	250 170 90
819	do	L. G. Hana	do	170
820	do	Sada Harbarger	do	90
821	do	A. A. Harding	dó	150 333 233
822	do	O. A. Harker	do	333
823	do	E. C. Haves	do	233
824	do	C. M. Hebbert	do	-60
825	do	G W Heitkamn	do	40
826	do	F E Hold	do	50
827	do	W S Handriy	do	50 85
200	do	Margaret Hardman	do	75
220	do	D W Hose	do	30
220	uo	C V Howen	do	50
091	uo	D. R. Hewes	do	90
891	do	F. E. HIII	qo	180
832	do	Raiph Huscher	do	100
833	do	M. E. Hinds	do	60
834	do	Wilhelm Hirshkind	do	80
835	do	Jacob Hodnefield	do	100
836	do	H. C. Hohman	do	20
337	do	M. A. Hollinshead	do	40
338	do	H. A. Hollister	do:	229
338 339	.do.	E. E. Hollman	do	-60
3401	do	B. R. Honovski	ldo	86
241	do	B. S. Honkins	do	190
249	do	E. E. Hollman B. R. Honovski B. S. Hopkins J. W. Hornbeck	do	75 30 56 80 100 68 100 22 40 229 60 61 120
2/3	do	C D Horroll	do	700
244	uo	C F Hottos	do	20 208 50 25
944		T A Transfer	Followship April 1012	200
345	qo	H. A. Houston	Geles de Maria 1915	90
346	do	J. E. Huber	Scholarship, April, 1913	20
347	do	H. L. Huenink	Salary, April, 1913	50 250 100
348	do	G. A. Huff	do	250
349	do	R. K. Hursh	do	100
350	do	Margaret Hutchins	do	75
351	do	Edmund J. James	do	1,000
352	do	L. V. James	do	75 1, 000 130 37 70 170 150
353	do	C. E. Janyrin	do	37
854	do	Alice Johnson	do:	70
255	do	MaElroy Tohnston	do	170
556		T C V Tones	do	150
200	uo	Tankal Tamas	30	110
250		T / Tomos		110
550		D-1-1. T	do	85 90 160
559	ao	Raipn Jones	00	100
SOU	ao	R. C. Jones	q0	100
801	do	R. T. Jones	q0	14(
362	do	H. H. Jordan	ao	100
363	do	J. C. Jordan	do	100
364	do	Emma R. Jutton	do	100
365	do	J. B. Kaiser	do	100
366 l	do	Oliver Kamm	do	60
367	do	Eleanor G. Karsten	do	100
368	do	C. F. Kellev	do	140 100 100 100 100 60 100 130 140 80
66	do.	J. M. Kellog	do	140
70	do	Ruth Kelso	do	20
:51	40	A T Kempner	do	130
770	uo	D E Kannady	do	116
72	uu	Empt Zogalor	do	71(
13	ao	TI A Tatalana	uv	11( 3( 15(
74	do	v. A. Ketenam	au	190
575	do	Artnur Kiernan	qo	. 60
376	do	A. H. Kimbali	ao	140
377	do	S. F. Kimball	ao	140 120 75 500 100 100 208 100 25 140 208 120 90 150 100 100 100 100 100 100 100 100 10
378	do	Margaret L. Kingsbury	do	75
379	do	David Kinley	do	500
80	do	Florence M. Kirkup	do	100
81	do.	J. F. Kohout	do	10
189	do	C. T. Knipp	do	208
282	do	A H Koller	do	100
100	do	A P Kratz	do	100
200	uu	F V Vrota	Scholarshin April 1012	200
1000		A C Vrov	Colory April 1012	140
000	qo	A. U. Aley	Daiary, April, 1910	000
587	do	Jakob Kunz	ao	208
888	do	Martha J. Kyle	ao	120
389	do	E. M. R. Lamkey	qo	60
390	do	E. J. Lake	do	150
391	do	Marion C. Landee	do	90
000	do.	W. F. Langelier	do	100
		T / Lambam	do	105
392	do.			
393 394	do	E. E. Hollman B. R. Honovski B. S. Hopkins J. W. Hornbeck C. R. Horrell C. F. Hottes H. A. Houston J. E. Huber H. L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James L. V. James C. E. Janvrin Adice Johnson McElroy Johnston H. S. V. Jones Isabel Jones L. T. Jones Ralph Jones R. T. Jones H. H. Jordan J. C. Jordan J. C. Jordan J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellog Ruth Kelso A. J. Kempner R. E. Kennedy Ernst Kessler V. A. Kotcham Arthur Kiernan A. H. Kimball S. F. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florence M. Kirkup J. F. Kohout C. T. Knipp A. H. Koller A. P. Kratz A. C. Krey Jakob Kunz Martha J. Kyle E. M. R. Lamkey E. J. Lake Marion C. Landee W. F. Langelier E. T. Lanham L. M. Larson H. H. Lauer	-do	216

No.	Date.	To whom.	For what.	Amou
	1913,	T. E. Laying. E. H. Lesile. O. E. Lessing. O. A. Leutwiler I. H. Lillehei F. C. Lincoln. R. H. Linkins. C. M. Linsley Simon Litman F. C. Loring. C. A. Ludwig H. T. Lundquist E. B. Lytle. Ellen S. McCarthy Lois D. McCobb. A. B. McDaniel Rudolph McDermet D. F. McFarland C. G. MacArthur Wallage MacFarlane		
6896	Apr. 30	T. E. Laying	Salary, April, 1913	\$ 30
6600	do	E. H. Leslie	do	30 238
6900	00	O. E. Lessing	do	238 200
6900	do	I H Lillahai	do	90
6901	do	F. C. Lincoln	do	166
6902	do	R. H. Linkins.	do	30
6903	do	C. M. Linsley	do	2
6904	do	Simon Litman	do	183
6905	do	F. C. Loring	do	120
6906	do	C. A. Ludwig	do	30
8000	00	H. T. Lundquist		. 50 133
ผลกล	uo	Flion S. McCorthy	do	120
601n	do	Lois D. McCabb	do	90
6911	do	A B McDaniel	do	208
6912	do	Rudolph McDermet	Fellowship, April, 1913	50
6913	do	D. F. McFarland.	Salary, April, 1913	150
6914	do	C. G. MacArthur	do	150
6915	do	Wallace MacFarlane	do Fellowship, April, 1913	36
6916	do	A. D. MacGillivray	Salary, April, 1913	208
6917	do	D. A. MacInnes	do	120
6918	do	A. H. McLean	do	180
0919	op	C. W. Malcolm	Eallawrehin Amed 1019	150
6920	do	G. A. Maney	Fellowship, April, 1913	50 77
6020	uo	C. G. MacArthur Wallace MacFarlane A. D. MacGillivray D. A. MacInnes: A. H. McLean C. W. Malcolm G. A. Maney F. J. Manley F. M. Mann F. W. Marquis O. R. Martin M. S. Mason J. M. Mathews G. H. Meyer E. B. Millard F. H. Millard G. A. Miller H. W. Miller W. S. Miller C. H. Mills Brainerd Mitchell, Jr Margaret Mitchell F. W. Moore H. F. Moore O. H. Moore Ruby Moore E. W. Morse W. E. Moss Gertrude Moulton C. F. Nelson W. S. Nelson	do Aprii, 1915	338
6992	uo	F W Maranis	do	150
6924	do	O. R. Martin	do	110
6925	do	M. S. Mason	Fellowship, April, 1913	50
6926	do	J. M. Mathews	Salary, April, 1913	50 133
6927	do	G. H. Meyer	do	208
6928	do	E. B. Millard	do	60
6929	do	F. H. Millard	do	110
6930	do	G. A. Miller	do	250
6931	do	H. W. Miller	do	150
6932	do	R. M. Miller	do	38
6090	do	W. S. Miller	00	125
6035		Reginard Mitchell Tr	do	208 130
6036	do	Margaret Mitchell	do	136
6937	do	F. W. Mohlman	do	60
6938	do	H. C. Moore	do	20
6939	do	H. F. Moore	do	208
6940	do	O. H. Moore	do	110
6941	do	Ruby Moore	do	20
6942	do	E. W. Morphy	do	120
6943	do	B. C. Morse.	do	48
0944	ao	W. E. Mosner	Fellowship, April, 1913	50
8048		Contrada Moulton	do do	250 110
6947	do	C F Nelson	do	100
6948	do	W. S. Nelson	do	30
6949	do	Allan Nevins	do	80
6950	do	Gertrude Moulton. C. F. Nelson. W. S. Nelson. Allan Nevins. C. R. Newell. C. E. Noerenberg. W. A. Noyes. W. A. Oldfather. H. L. Olin. T. E. Oliver. A. W. Owens. E. B. Paine. L. G. Painter. Rosalie M. Parr. S. W. Parr. Adah Patton. H. G. Paul. A. S. Pease. J. C. Pendleton.	do	8
6951	do	C. E. Noerenberg	do	140
6952	do	W. A. Noyes	do	333
6953	do	W. A. Oldfather	[do	22
6954	do	H. L. Olin	do	50
6056	ao	1. E. Ullver.	ao	208
0900 6057	uo	E B Poine	do	30 208
6958	do	L. G. Painter	do	120
6959	do.	Rosalie M. Parr	do	80
6960	do	S. W. Parr.	do	29
6961	do	Adah Patton	do	88
6962	do	H. G. Paul.	do	160
6963	do	A. S. Pease.	do	208
6964	do	J. C. Pendleton	do	88
6965	do	Alvah Peterson	do	60
6066	do	U. W. FICKOIS		130 183
6066	ao	J. N. FUHETOY	ao	186
8080 0808	do	F M Portor	do	130 130
6970	uo	R S Potter	do	19(
6971	do	Anton Presil	do	10
6972	do	J. C. Pendleton Alvah Peterson. G. W. Pickels. J. N. Pomeroy. C. M. Poor. F. M. Porter R. S. Potter. Anton Prasil A. L. Prickett. D. C. Prince. B. S. Radcliffe.	do	50 10 43
6973	do	D. C. Prince	Scholarship, April, 1913.	25 80
:-		D C Dedelice	Colony Amel 1012	90

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

.oV	Date.	G. H. Radebaugh Otto Rahn. O. A. Randolph W. H. Raynor J. W. Read. P. J. Rebman. E. J. Reece F. W. Reed. P. F. Reiff. E. A. Rich J. L. Rich. J. L. Savage. J. L. Savage. J. L. Savage. J. L. Schmidt. J. L. Schneider. J. L. Schneider. J. L. Schneider. J. L. Schneider. J. L. Schwartz. J. L. Schulz. J. J. Schwartz. J. J. Schwartz	For what.	Amour
co==	1913.	C II Dedebased	Galama Amail 1019	0.00
6076	Apr. 30	Otto Pohn	Salary, April, 1913	\$ 90 166 80
6077	do	O A Randolph	. do	80
6978	do	W. H. Raynor	do	110 50 80 150 140
6979	do	J. W. Read	do	50
6980	do	P. J. Rebman	do	80
6981	do	E. J. Reece	do	150
6982	do	F. W. Reed	do	140
6983	do	P. F. Reiff	do	50
6984	do	E. A. Rich		40
6006	do	C. D. Diebonda	00	150 333 291 150 166
6027	do	N C Richards	do	901
6088	do	H L Rietz	do	150
6989	do	W. S. Robertson	.do	166
6990	do	M. H. Robinson	do	250 250 60 120
6991	do	C. W. Rolfe	do	250
3992	do	S. A. Rowland	do	60
3993	do	H. O. Rugg	do	120
6994	do	George Rutledge	do	60 166 83
5995	do	T. E. Savage	do	166
5996	do	Olive F. Saxton	do	83
997	do	S. H. Scheriee	ao	30 80 291 30
998	do	L. K. Sarett.	ao	80
999	ao	E. U. SCHILIGI	do	291
(000	ao	Clarance School	do	30
OUT	uo	W F Schulz	do	10 166 158 183
002	do	G F Schwartz	do	158
2004	do	F W Scott	do	183
005	do	D. L. Scroggin	do	120
0006	do	G. W. Sears.	do	120 60 140
007	do	F. B. Seeley	do	140
008	do	R. S. Seese	Scholarship, April, 1913	25
009	do	N. C. Seidenberg	Salary, April, 1913	15
010	do	A. R. Seymour	do	166
011	do	J. B. Shaw	do	187
012	do	Queen L. Shepherd	do	80
013	do	S. P. Sherman	do	25 15 166 187 80 266 100
014	do	G. W. Gierrent	do	. 100
016	do	Q T. Simmoring	Fellowehin April 1013	30 166 10 158
017	do	France Simpson	Salary April 1013	166
018	do	G. E. Simpson	-do	10
019	do	C. H. Sisam.	do	158
020	do	W. A. Slater	do	125 60
021	do	Adelle C. Smith	do	60
022	do	Constance B. Smith	do	160
023	do	G. M. Smith	do	133
024	do	Frank Smith	ao	208
025	do	J. E. Smith	00	125
026	do	U. H. Smith	00	95 175
027		T D Change		110
020	do	O O Stanley	do	160 133 208 125 95 175 50 70
ว์รักไ	do-	Joel Stebbins	-d0	104
31	do.	Sabra Stevens	do	55 130 50 333
32	do	R. K. Steward	do	130
33	do	C. L. Stewart.	do	50
34	do	H. H. Stoek.	do	333
)35	do	J. W. Stokes	Fellowship, April, 1913	50 130 100
36 .	do	E. B. Stouffer	Salary, April, 1913	130
)37].	do	E. K. Strachan	do	100
38.	do	Lillian Strong	do	50
39.	αο	E. T. Strong		95
40	ao	W. G. Stromquist		100
141		Coroca Stunkard	do.	95 100 225 30
142	-u0	Emercon Sutcliffe	do	80
1440	do	A H Sutherland	do	150
044	do	A. N. Talbot	do	80 150 333
046	do	F. W. Tanner	d0	60
047I	do-	S. C. Taylor	d0	25
048	.do	W. H. Taylor	do	60 25 60
049	.do	H. R. Thomas	Fellowship, April, 1913	50
050	do	C. M. Thompson	Salary, April, 1913	50 90
051	.do	D. G. Thompson	do	40 160 100
$05\overline{2}$	do	J. G. Thompson	do	160
	13	Cambont Thom	do	100

0.	Date.	A. J. Tieje A. J. Todd E. J. Townsend L. L. Townsend L. L. Townsend Edna A. Treat H. D. Valentine H. J. Van Cleave H. J. Van Cleave H. J. Van den Berg G. J. Van Zoeren J. V. Vedder C. G. Vernier E. H. Waldo H. B. Ward E. H. Wardo H. S. Warner A. R. Warneck E. W. Washburn F. R. Watson H. C. P. Weber N. A. Wells N. A. Weston Mary M. Wetmore J. M. White J. H. Whitten E. A. Williams C. Williams C. Williams E. H. Williams E. H. Williams E. H. Williams E. H. Williams F. G. Williams F. G. Williams F. G. Williams F. J. Williams J. Woodward J. J. J. C. A. Weston J.	For what.	Amo
	1913.			
054	Apr. 30	A. J. Tieje	Salary, April, 1913	\$10 33 10
055	do	A. J. Todd	do	10
JO0 157		E. J. 10WIISEIIQ	do	38
)58	do	Edne A Treet	do	. 1
359	do	H. D. Valentine	-do	18
060	do	H. J. Van Cleave	do	1
061	do	H. J. Van den Berg	do	1 18
062	do	G. J. Van Zoeren	do	
063	do	J. N. Vedder	do	1
064	do	C. G. Vernier	do	29 10
J65	ao	E. H. Waldo		10
J00 167	do	E H Werner	do	33 15 15 20 14 21 22 21
าหม	do	A P Warned	do	1
069	do	E. W. Washburn	do	1 1
070	do	F. R. Watson	_do	2
071	do	H. C. P. Weber	do	1
072	do	N. A. Wells.	do	2
073	do	N. A. Weston	do	2:
)7 <u>4</u>	do	Mary M. Wetmore	do	1:
075	do	J. M. White	do	3
ひんり	oo	J. H. WILLEN	do	1 :
779 179	uo	C C Wiley	do	1 1
070 070	do	C. A. Williams	do	1: 3: 1: 1: 1: 2:
080	do	E. H. Williams	_do	( 1
081	do	Mary E. Williams	do	1 7
082	do	F. G. Willson	do	1
083	do	P. L. Windsor	do	2
084	do	R. M. Winger	do	1:
085	do	W. J. Wohlenberg	Fellowship, April, 1913	
086	do	P. S. Woodward	Salary, April, 1913	
087 000	do	I. M. Wormser		1: 1: 1: 2:
O O O		Ole M Wweth	do	] :
009 090	do	T D Vensen	do	10
091	do	Jacob Zeitlin	do	1
092	do	Charles Zeleny	do	2
093	do	H. F. Zoller	do	-
094	do	J. E. Ackert	Fellowship, April, 1913	:
095	do	F. H. Adler	do	
096	do	Josephine E. Burns	do	1
บษ <i>เ</i>	do	Edno I Former	do	1 :
naa	do	D L Gaver	do	
100	do	I W Good	do	
101	do	E. O. Heuse.	do	1 :
102	do	E. A. T. Kircher	do	
103	do	P. A. Lehenbauer	do	1 :
L04	do	H. H. McGregor	do	:
105	do	L. C. Mathewson	do	
rog		L. F. NICKell	00	
TO (	ao	A. W. Urcutt	do	1
IU0	do	C F C Pilov	do	:
110	do	Clarissa Rinaker	do	1
Ιίί	- do	Irma E. Voigt	do	
$1\overline{12}$	do	P. S. Welch	do	
113	do	G. Y. Williams	do	
114	do	Alice Biester	Scholarship, April, 1913	1
115	do	R. W. Brown	do	
116	do	D. M. Brumfiel	do	1
117	do	F. E. Clark	do	)
118	do	Jesse L. Conel		
119	ao	E C Dowell	ao	1
12U 191	oo	D T Frais	do	
121 199	do	Ole M. I. Eckelson	do	
122	. do	S. E. Fanguher	_do	1
$1\tilde{2}^{3}_{4}$	do	S. B. Fracker	do	1
125	do	Byne F. Goodman.	do	
126	do	Sappho C. Graham	do	1
127	do	Ruby M. Grimes	do	
128	do	Mary A. Haan	do	1 :
129	do	Homer Hall	do	
130	do	A. C. Hanford	do	1
131	ao	William Hill		1
132	100	U. E. HOHEY	ao	1

о.	Date.	Nellie N. Hornor. J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Macdonald J. E. Miller Edna Mosher J. B. Nathanson F. G. Norbury R. H. Nottleman Cornelia R. Seawell Mary M. Spangler W. A. Swenson Lily B. Voegelein Margaret Washington P. Q. Wright A. E. Zucker Lilla M. Alexander W. E. Alley Winifred L. Amos Ethel Ash. C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown Sarah E. Bryan Edna Clanton Miles Clements Agnes M. Cole C. C. Crawford H. E. Cunningham C. E. Dalton Edith Emigh Frances M. Feind R. I. Fieg Viola Fraser Frances G. Garwood Antoinette Goetz Elizabeth Good Mabel F. Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay Myrtle E. Heater Fred Hooker Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson Gertrude Keech J. H. Kelley Nora Kirwan Aurella Knapp L. E. Knorr Allie Lamb A. R. Lee Louise A. Lietz Stella Lund C. M. McConn Agnes McGurty Jane McMullin L. Mae Manspeaker Jonnie Mathers M. W. Murphey Catherine So Oaks H. D. Rone Liza Hart L. E. Knorr Allie Lamb A. R. Lee Louise A. Lietz Stella Lund C. M. McConn Agnes McGurty Jane McMullin L. Mae Manspeaker Jonnie Mathers M. W. Murphey Catherine S. Oaks H. D. Poel Thym Poel H. Dr. Welley H. W. Murphey Catherine S. Oaks H. D. Poel Thym Poel H. F. Wyrtle A. Renz	For what.	Amou
	1913.			
7133	Apr. 30	Nellie N. Hornor	Scholarship, April, 1913	\$ 25
7134	do	J. W. Howard	do	25 25
7735	do	Created and Lustra	do	25
7127	00	Tonat M. Maadanald	do	25 25
7138	uo	T E Millor	do	95
7139	do	Edna Mosher	do	25 25 25
7140	do	J. B. Nathanson	-do	25
141	do	F. G. Norbury	do	25 25
142	do	R. H. Nottleman	do	25
143	do	Cornelia R. Seawell	do	25
144	do	Mary M. Spangler	do	25
145	do	W. A. Swenson	do	25 25
146	do	Lily B. Voegelein	do	25
14/		Margaret washington	do	25 · 25
148	do	A F Zuelen	do	25
150	do	Lille M. Alexander	Solory April 1012	25 60
151	do	W E Allan	do	85
152	do	Winifred L. Amos	do	65
153	do	Ethel Ash	do	60
154	do.	C. E. Atkinson	do	65 60 141
155	do	Mary L. Blackwell	do	50
156	do	L. A. Boice	do	125 75
157	do	Tabitha J. Broadhurst	do	75
158	do	Ina M. Brown	do	60
159	do	Sarah E. Bryan	do	65
160	do	Edna Clanton	do	65 50 19
161	do	Miles Clements	do	19
162	do	Agnes M. Cole	do	75
163	do	C. C. Crawford	do	60 150 45
104	do	H. E. Cunningnam		100
100	do	C. E. Danon	do	65
167	do	Erongos M. Foind	do	75
168	do	P I Figs	do	75 50
160	do	Viola Fraser	do	55
170	do	Frances G. Garwood	_do	43
171	do	Antoinette Goetz	_do	65
172	do	Elizabeth Good	do	65 40
173	do	Mabel F. Griffith	do	60
174	do	Carmen Harnack	do	55 35
175	do	Eliza Hart	do	35
176	do	C. H. Havens	do	120
177	go	Marrie E Treater	00	100
170	do	Ered Hooler	do	166 55 45
160	do	Toria R. Houghang	do	75
181	do	A H Hull	do	65 50 45
182	do	Katia L. Humrichousa	do	50
183	do	Marie Jester	do	45
184	do	Gertrude Johnson	do	55
185	do	J. J. Johnson	do	. 45
186	do	Gertrude Keech	do	30
187	do	J. H. Kelley	do	166
.88	do	Nora Kirwan	do	41
89	do	Aurelia Knapp	do	65 <b>1</b> 40
.90	do	L. E. Knorr	<u>q</u> o	140 45
AT.	ao	A D Too	uo	40
02		Tonica A Lists	do	91
04	uo	Stalla Land	do	35 55
051	40	C. M. McConn	do	233
96	.do.	Agnes McGurty	do	83
97	.do	Jane McMullin	do	83 40
98	do	L. Mae Manspeaker	do	83
199	do	Jennie Mathers	do	50
200	do	Maude E. Meneley	do	50 75
201	do	C. F. Miller	do	75
202	do	Lloyd Morey	ao	85
203 .	do	J. A. Morrow	ao	166
204	do	M. W. Murpney	00	166 110 65
205	do	Uatherine S. Oaks	00	100
200	qo	H. D. UDERGOFIER		166
207	oo	Thomas Paol	do	75 55
200	uo	F W Post	do	99 75
210	uv	Harriet I. Postlawait	do	75 50 65

lo.	Date.	To whom.	For what.	Amou
	1913.	Clara A. Rickets Nellie M. Robertson Bertha Sharp Anna L. Shepard T. J. Showers Sara M. Slater Bertram Smith I. M. Smith Jessie A. Smith Mayme L. Smith O. E. Staples Alfred Steitz Sigurd Strom M. E. Thompson Mary Torrance L. J. Towne G. P. Tuttle Josephine Tyrrell Lida E. Voight Lida E. White B. L. Winchester Alice L. Wing H. T. Wyninger Helen I. Buckler L. M. Wakeley H. A. Ruehe F. A. Pearson W. L. Gaines Florence E. Smith Alice V. Hamilton Bessie Packard Orr Allyn D. O. Barto F. C. Bauer Isabel Bevier J. C. Blair R. E. Brand Sleeter Bull W. L. Burlison H. C. M. Case W. C. Coffey W. T. Crandall Nina B. Crigler I. W. Dickerson H. B. Dorner Nellie Goldthwaite Charlotte Gibbs J. J. Gardner W. L. Glickerson H. B. Dorner Nellie Goldthwaite Charlotte Gibbs J. J. Gardner W. J. Fraser		
7212	Apr. 30	Clara A. Rickets	Salary, April, 1913	\$ 6 5 5
7213 7014	ao	Nellie M. Robertson	do	þ
7015		Bertha Sharp		2
215	00	T Chowers	do	9 12
210		T. J. SHOWERS	do	12 5 7 10 10 6 15
217	do	Portrom Smith	do	9
210	uo	T M Cmith	do	10
210	uo	Toggia A Smith	do	10
220	uo	Mayma T. Smith	do	6
222	do	O E Stanles	do	15
222	do	Alfred Stoit	do	7
224	do	Signed Strom	do	8
225	do	M E Thompson	do	8
226	do	Mary Torrance	do	5
227	do	L. I Towns	do	15
222	uo	G P Tuttle	do	5 15 9 4
220	do	Toganhina Tymroll	do	) <i>y</i> t
220		Tide F Veight	do	
231		Lide E. White	do	8 5
233	do	R I. Winchester	do	1 4
233	do	Alice L. Wing	do	7
234	do	H. T. Wyninger	do	5
235	do	Helen I. Buckler	do	5 5 5 10
236	do	L. M. Wakaley	do	10
237	do	H. A. Ruehe	do	11
238	do	F A Pearson	do	150 150 60 70 70
230	do	W L Gaines	do	15
240	do	Florence E. Smith	do	6
241	do	Alice V. Hamilton	do	7
242	do	Bessie Packard	do	7
243	do	Orr Allyn	do	7
244		D O Barto	do	16 12 25
245	do	F C Baner	do	12
246	do	Isahel Ravier	do	25
247	do	I C Blair	do	41
248	do	R E Brand	do	16
249	do	Sleeter Bull	do	ii
25Ŏ	do	W. L. Burlison	do	41 16 11 10
251	do	H. C. M. Case	do	4
252	do	W. C. Coffey	do	22
253	do	W. T. Crandall	do	10 4 22 13 12 15 20 16 12 10
254	do	Nina B. Crigler	do	12
255	do	I. W. Dickerson	do	15
256	do	H. B. Dorner	do	20
257	do	Nellie Goldthwaite	do	16
258	do	Charlotte Gibbs	do	12
259	do	J. J. Gardner	do	10
260	do	W. J. Fraser	do	29
261	do	L. E. Foglesong	do	10
262	do	Georgia Fleming	. do	29 10 10
263	do	Augusta D. Evans	do	8 15
264	do	K. J. T. Ekblaw	do	15
265	do	J. S. Edmunds	ao	16
266	do	C. E. Durst	do	12
267	do	Cora E. Gray	do	11
268	do	H. S. Grindley	do	16 12 11 29
269	do	A. F. Gustafson	do	
270	do	<u>ட</u> ப. Hall	ao	22
271	do	w. F. Handchin	ao	22 15 25 25
272	do	Leonard Hegnauer	do	25
4/3	do	<u>г. н. smith</u>	ao	25
274	do	W. H. Smith	ao	10:
2/5	ao	Grace Stevens	ao	9
276	do	J. V. Stevenson	do	4
277	do	J. K. Wells		1 .79
4/8	qo	H. W. Stewart		70 150 133
2/9	qo	Kutn wneeler		133
280	ao	N. W. Heppurn		173
281	ao	U. G. Hopkins	do	410 10
282	do	к. s. Hulce	ao	100
483	ao	Nellie Goldthwaite Charlotte Gibbs. J. J. Gardner W. J. Fraser L. E. Foglesong. Georgia Fleming Augusta D. Evans K. J. T. Ekblaw J. S. Edmunds. C. E. Durst. Cora E. Gray H. S. Grindley A. F. Gustafson L. D. Hall W. F. Handchin Leonard Hegnauer L. H. Smith W. H. Smith Grace Stevens. J. V. Stevenson J. R. Wells. H. W. Stewart Ruth Wheeler N. W. Hepburn C. G. Hopkins. R. S. Hulce M. E. Joseph O. A. Keller L. R. Lang J. W. Lloyd D. McIntosh Wilhelm Miller J. G. Mosier	ao	120
284	do	W. E. Joseph	ao	12
285	go	U. A. Keller		180
280	ao	L. K. Lang	ao	133 266
287	do	J. W. Lloyd	ao	200
ZXX:	qo	D. MUINIOSH	uo	208 250
200				200
289	ao	44 1111Q1111 141111Q1 * * * * * * * * * * * * * * * * *		

0.	Date.	To whom.	For what.	Amou
	1913.	H. W. Mumford. A. H. Nehrling. A. W. Nolan H. N. Parker Maude Parsons. Leonora Perry J. H. Pettit. B. S. Plekett Helena M. Pincomb V. A. Place B. E. Powell F. H. Rankin C. O. Reed. Harriett Rinaker R. R. Root H. P. Rusk F. M. Simpson A. L. Whiting J. J. Yoke J. B. Park W. B. Gernert Jas. Hutchinson F. W. Mincie G. L. Peltier A. J. Gunderson W. A. Ruth O. S. Watkins S. V. Holt E. E. Hoskins Oran Keller W. R. Leightly C. C. Logan W. H. Sachs E. Van Alstine F. W. Wascher H. C. Wheeler J. E. Whitchurch John Woodard J. A. Aumer L. R. Binding R. W. Dlokenson F. W. Garrett Gertrude Niedham F. W. Wilson Stanley Wilkins George Noe Lawrence Nesbit O. G. Akkinson Frad Pine F. W. Garrett Gertrude Niedham F. W. Wilson Stanley Wilkins George Noe Lawrence Nesbit O. G. Akkinson Fred Pine J. F. Smith H. E. Moore Lawrence Engle W. J. Engle. Maryorie H. Gage M. J. Conley Jesse Cook Lucy M. Barto Roy Argo		
291	Apt. 30	H. W. Mumford	Salary, April, 1913	\$41
7292	do	A. H. Nehrling	do	12 20
293	do	A. W. Nolan	do	20
294	do	H. N. Parker	do	20 10
295 296	do	Maude Parsons		10
296	ao	Leonora Perry		79 25 25
291 298		R S Dielzett	do	25
200 200	do	Halana M. Pincomh	do	13
299 300 301	do	V A Place	do	10
301	do	B. E. Powell	do	8 19
302 303	do	F. H. Bankin	do	25 12 12 16
303	do	C. O. Reed.	do	12
304	do	Harriett Rinaker	do	12
305	do	R. R. Root	do	16
306 307	do	H. P. Rusk	do	17
307	do	F. M. Simpson	do	17: 10: 12: 8:
308 309	do	A. L. Whiting	do	12
309	do	î. î. Xore	do	. 8
310 311	do	J. B. Park		15
$\frac{311}{312}$	do	W. D. Gernert		15 12 10 8
312 313		F W Mineie	ao	10
313 314		G T. Poltion	do	8
315	uo	A T Gundarson	do	8
316	. do	W A Ruth	do	12
17	do	O. S. Watkins	do	15
318	do	S. V. Holt	do	12 15 15 15 15
319	do	E. E. Hoskins	do	15
320	do	Oran Keller	do	7
21	do	W. R. Leightly	do	10
322	do	C. C. Logan	do	10 15 12
323 324	do	W. H. Sachs	do	12
324	do	E. Van Alstine	do	15
325	do	F. W. Wascher	do	8
326	do	H. C. Wheeler	do	15 15 8 15 15
327	do	J. E. Whitchurch	do	15
328	do	John Woodard	do	1 7
329	do	J. A. Aumer		15 7
331	00	D. W. Dielenson		
530	do	F A Ficher	do	8
333	do	F W Garratt	do	7 8 8
334	do	Gertrude Niedham	_do	10
335	do	F. W. Wilson	Wages, April, 1913	-š
336 337	do	Stanley Wilkins.	do	10 3 4 4
337	do	George Noe	do	4
338	do	Lawrence Nesbit	. do	4
339	do	O. G. Atkinson	. do	4
340	do	Fred Pine	. do	7
41	do	J. F. Smith	do	6
42	do	H. E. Moore	do	5
43	00	Lawrence Engle		6
44 45	ao	Marioria H. Gaga	do	l a
46	do	M I Conley	do	6 7
47	do	Tassa Cook	do	5
47 48	do	Lucy M. Barto.		5 2
49	do.	Roy Argo	do	5
49 50	do	Elmer Valner	do	4
51 52 53	do	Ralph Engle	do	2
52	do	L. J. Wells	do	4
53	do	Elizabeth Pulling	do	6
54	do	Frank Sanders	do	5 4
55 56	do	George Mink	do	4
56	do	Joe Mink	do	4
57	do	Ben Durman	do	4
58	do	Mapel Halliday	do	6
59	do	Kon Constant	00	6
860	ao	Lari Garver		5
861	ao	Anno Crothorno	ao	4
362 363	do	T F Crouch		4 5 11
364	uu	W. J. Engle. M. J. Conley Jesse Cook Lucy M. Barto Roy Argo Elmer Valner Ralph Engle L. J. Wells Elizabeth Pulling Frank Sanders George Mink Joe Mink Ben Durman Mabel Halliday Rob Cook Earl Garver Amelia Feldkamp Anna Crathorne H. E. Crouch M. R. Carlson G. W. Beardsley Lillian Poll A. F. Krueger H. C. Lawson Ruah Loveless	do.	5
365	do	G. W. Reardslav	do	5
366	do	Lillian Poll	do	5 5
366 367	do	A. F. Krijeger	do	6
368	do	H. C. Lawson	do	5.
- 00		Ruah Loveless	1 40	3

No.	Date.	To whom.	For what.	Amou
	1913.	Garfield Jones. Cornelius Stocker. W. H. Stevens Ethel Sharp. Otto Schwartz W. W. Yapp Loretto White. Andrew Tornquist. Mamie Bunch M. D. Rose.		
7370	Apr. 30	Garfield Jones	Wages, April, 1913	\$50 75 55
7371 7372 7373	do	Cornelius Stocker	do	75
7372	do	W. H. Stevens	do	55
7373	do	Ethel Sharp	do	40 60
7374	do	Otto Schwartz	do	60
7375	do	[W. W. Yapp	do	35
7376 7377	do	Loretto White	do	05
7377	do	Andrew Tornquist	do	75
1318	do	Mamie Bunch	do	40
7379	do	M. D. Rose	do	52
7380	do	Ulive G. Reid	do	DU OF
7381	do	Freda O. Stricklan	do	00
7382	do	Harrison Fahrnkopi	do	60
7383	qo	Marion B. Gallaner	do	40
7384	do	H. C. Gukerson	do	00
7385	do	A. F. Heck	do	50
7386	do	Emma L. Custer	do	70
7387	do	W. L. Harry	do	83
7388	do	Harley Foor	do	55
7389	do	T. P. Crawford	do	50
7390	do	Hazel Cover	do	655 757 458 507 607 607 607 607 607 607 607 607 607 6
7391	do	C. F. Brown.	do	45
7392	do	Mildred Buckles	do	65
7393	do	Andrew Tornquist.  Mamile Bunch.  M. D. Rose. Olive G. Reid. Freda O. Stricklan.  Harrison Fahrnkopf.  Marion B. Gallaher.  H. C. Gilkerson.  A. F. Heck.  Emma L. Custer.  W. L. Harry.  Harley Foor.  T. P. Crawford.  Hazel Cover.  C. F. Brown.  Mildred Buckles.  E. J. Brown.  I. F. Burdick.  C. F. Burge.  James O'Brien.  Elmer Roberts.  Ruth Burt.  R. C. Glover.  L. E. Baker.  Winifred McIntosh.  Earl Meenach.  J. H. Mount.  Sadie Jones.  Phillip Walters.  Paul Hayhurst.  Clarence Horning.  Wm. Hough.  Chester Turner.  D. C. Sprinkle.  E. H. Jenkins.  Guy Shaffer.  H. H. Wheeler.  R. S. Scholl.  Alpha Tornquist.  Edward Brown.  W. T. Craig.  L. A. Hunter.  Will Patterson.  P. O. Moore.  H. D. McQueen.  W. L. Bennett.  G. Donohue.  L. Donohue.  L. Donohue.  Hazel Rhoades.  R. Pritchard.  L. F. Frizzell.  Ralph Chaplin.  Claude Harrolle.  J. C. Anderson.  G. L. Rigg.  Alice Reed.  Flora M. Sims.  R. S. Smith.  J. R. Kelley.  John Lankford.  W. A. Melntire.	do	45 75 45
7394	do	I. F. Burdick	do	75
7395	do	C. F. Burge	do	45
7396	do	James O'Brien	do	50
7397	do	Elmer Roberts	do	50 37 25 40
7398	do	Ruth Burt	do	25
7399	do	R. C. Glover	do	40
7400	do	L. E. Baker	do	45 10 60 50
7401	do	Winifred McIntosh	do	10
7402	do	Earl Meenach	do	60
7403	do	J. H. Mount	do	50
7404	do	Sadie Jones	do	50 75 32
7405	do	Phillip Walters	do	75
7406	do	Paul Ĥayhurst	do	32
7407	do	Clarence Horning	do	45
7408	do	Wm. Hough	do	45 83 50
7409	do	Chester Turner	do	50
7410	do	D. C. Sprinkle	do	50
7411	do	E. H. Jenkins	do	60 50 65 17
7412	do	Guy Shaffer	do	50
7413	do	H. H. Wheeler	do	65
7414	do	R. S. Scholl	do	17
7415	do	Alpha Tornquist	do	25 45
7416	do	Edward Brown	do	45
7417	do	W. T. Craig	do	83
7418	do	L. A. Hunter	do	70
7419	do	Will Patterson	do	47
7420	do	P. O. Moore	do	70 47 45
7421	do	H. D. McQueen	do	45
7422	do	W. L. Bennett	do	60
7423	do	G. Donohue	do	45
7424	do	L. Donohue	do	60 45 50
425	do	Hazel Rhoades	do	55
7426	do	R. Pritchard	do	55 65 27
427	do	H. Pritchard	do	65
7428	do	L. F. Frizzell	do	27
7429	do	Ralph Chaplin	do	60
7430	do	Claude Harrolle	do	40 65
7431	do	J. C. Anderson	do	65
7432	do	G. L. Rigg	do	36
7433	do	Alice Reed	do	50
7434	do	Flora M. Sims	do	50 83
7435 7436	do	R. S. Smith	do	52 52
7436	do	J. R. Kelley	do	52
7437	do	R. S. Smith J. R. Kelley John Lankford W. A. McIntire Mary Millar O. I. Ellis T. Fullenwider F. W. Gault C. C. Chapman C. A. Campbell A. E. Burwash B. L. Bowling W. W. Peters L. M. Apgar	do	60 50
438	do	W. A. McIntire	do	50
7439	do	Mary Millar	do	65
7440	do	O. I. Ellis	do	60
7441 l	do	T. Fullenwider	do	55
7442	do	F. W. Gault	.do	80
7443	do.	C. C. Chapman	do	55 80 83
7444	do.	C. A. Campbell	_do	60
7445	do.	A. E. Burwash	do	55
7446	do.	B. L. Bowling	.do	55 70
7447	do.	W. W. Peters	do	20
		~ ~~~~~		20

To.	Date.	Harold Bolander. Florence Stoutzenberg. Horace Ingalls Della Rogers Burt Hays. J. K. Tuthill W. S. Goodspeed. Pearl Cunningham Franc Durfey. Arthur Semple. R. F. Harvey. C. E. Trout. A. L. Sowers. C. H. Rehling. Evalena Bowen. R. F. Shaffer. W. Brown. A. P. Kelly. C. R. Sinolair. A. O. Magnuson. G. E. Wright. Bryne L. Ray. T. E. O'Ponnell. Charles Warriner Kenneth Brown. Ethel V. Manley A. M. Bagusin. E. U. Rugg. F. C. Hare. G. Christy. Isabella Anderson. Otto Schinnerer. Lucile Cravens. Belle Cleghorn. Julius Goebel, Jr. H. T. Wood. E. O. Fontaine. C. R. Dietmeir. H. G. Atkinson. F. R. Miller. G. F. Sutherland. Eleanor Hubbard. Mary M. Moss. Myra Warner. Gerace J. Maxwell. Minnie E. Watson. Gertrude Johnson. A. J. Stoneburner R. L. Hennuer. Wm. E. Carr. R. L. Bentley. A. A. Odell. H. I. Hannah. E. J. Wilford. R. J. Wilford. Robert W. Horker. H. G. Ackselburg. C. A. Patton. W. M. Sheldon. K. A. McCaskill. C. G. Cox. Frances E. McClughen. Edgar Hermann. Williar Heath. J. F. G. Lidger. J. J. G. Lidger. J. M. Ressler. W. A. Hooker. F. A. Farris. W. E. Childs Bertha G. States. Wm. C. Deiss. J. Ludya's Schwartz. Winner. J. J. Lorder. J. J. Lordes. J. Lidger. J. J. Lordes. J. J. Lordes. J. J. Lordes. J. J. Lordes. J. L	For what.	Amour
	1913.			
7449	Apr. 30	Harold Bolander	Wages, April, 1913	\$ 12 25 60
7450	do	Florence Stoutzenberg	do	25
7451	do	Horace Ingalis	do	60
7452	ao	Della Rogers		40
7453 7454	uo	IT I Truthill	do	69 18 83 38
7455	do	W S Goodenand	do	, 10
7456	do	Pearl Cunningham	do	38
7457	do	Franc Durfey	Salary, April, 1913	50 20 14
7457 7458	do	Arthur Semple	Wages, April, 1913	20
459	do	R. F. Harvey	do	14
7460	do	C. E. Trout	do	25
7461	do	A. L. Sowers	do	93 25
462	do	C. H. Rehling	do	25
7463	go	Evalena Bowen	do	40 13
464 465	00	W. Proves		10
466	uo	A P Kally	do	' 8 26
467	do	C R Sinclair	do	52 52
468	do	A. O. Magnison	do	80
468 469	do	G. E. Wright	do	52 80 74 25
470	do	Bryne L. Ray.	do	25
471	do	T. E. O'Donnell.	do	. 16
472 473	do	Charles Warriner	do	18 11
473	do	Kenneth Brown	do	11
474	do	Ethel V. Manley	do	58
475	do	A. M. Bagusin	do	15 30 35 11
476	do	E. U. Rugg	do	30
477	do	F. C. Hare	do	35
478	do	G. Christy	do	11
479	do	Isabella Anderson	do	15 17
480 481	do	Utto Schinnerer		17
482		Pollo Cloghorn		15 14 12 19
102	do	Tuling Goobal Tr	do	119
483 484	do	T T Wood	do	10
485	do	E O Fontaina	do	16
486	do	C B Dietmeir	do	10
487	do	H. G. Atkinson	do	14
488 489	do	F. R. Miller	do	14 12
489	do	G. F. Sutherland	do	10
490 491	do	Eleanor Hubbard	do	-22
491	do	Mary M. Moss	do	10 22 25
492	dò	Myra Warner	do	70 60 18 18
493	do	Grace J. Maxwell	do	60
494 495	do	Minnie E. Watson	do	18
495 496	ao	Gertrude Johnson		45
497	do	D T. Hoggarar	do	19 10 14 37
498	uo	Wm E Carr	do	10
499	do	R L Rentley	do	14
500	do	A. A. Odell	do	37
501 502	do	H. I. Hannah	do	15 27
502	do	E. J. Wilford	do	27
503	do	Robert W lford	do	22
504	do	E. H. Walworth	do	24
505 506	do	H. E. Summers	do	11 31
06	do	H. J. Snider.	do	31
07	do	B. M. Kisselburg	[do.,	14
808	do	W. M. Choldon	ao	25 23 25
609 510	uo	W A McCastill	do	20
11	uo	C G Cov	do	15
12	do	Frances E. McClughen	dot.	15 11
513	do	Edgar Hermann	Wages and expenses	38
13 514	do	William Heath	Wages, April, 1913.	38 50
515	do	J. F. Gauger	dŏ	15
516 517	do	J. M. Lindgren	do	15 6 100 51
517	do	M. Ressler	do	100
518	do	W. A. Hooker	do	51
519	do	F. A. Farris	do	93 53 50
520	do	W. E. Childs	do	53
21	do	Bertna G. States	do	50
222	do	W III. U. Delss	do	14
523	do	W. A. Hooker F. A. Farris W. E. Childs Bertha G. States Wm. C. Deiss Lloyde Schwartz Geo. Reily Marie A. Gordon Ethel Berlin S. Fred Prince	00	60 77
524	oo	Marie A. Cordon	00	50
520		Maile A. Gordon	do	16
JZ0	uu	S Fred Drings	do	50
		12. P. 1911 F. F. H. 1914	UU	ียบ

# ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\it Continued}.$

٠o.	Date.	To whom.	For what.	Amou
	1913.	Ţ,		
7528 7529 7530		Russell Orrill	Wages, April, 1913	\$ 22 38
7529	do	Russell Orrill Frank Wilson. J. E. Balley W. M. Atwell C. E. Arrington. William Fogarty Frank Fogarty John Snyder B. L. Reed. Arthur Moran. Lames Irvine	dő	38
7530	do	J. E. Bailey	do	52
7531 7532 7533 7534	do	W. M. Atwell	do	54 62
7532	do	C. E. Arrington	do	62
7533	do	William Fogarty	do	56
7534	do	Frank Fogarty	do	54
7535 7536 7537	do	John Snyder	do	54
7536	do	B. L. Reed	do	54 53
7537	do	Arthur Moran	do	63 54
7538	do	Armsi Moran James Irvine Frank Irvine W. G. Hixon Edward Hargan	do	54
7538 7539	do	Frank Tryine	do	65 51 61
7540	do	W. G. Hixon	do	51
7541	do	Edward Hargan	do	61
7540 7541 7542	do	Samual Hansan .	do	63 55 57
7542	40	Pollo S Corson	do	55
75 A A	uo	Thea Dutler	do	57
1044 75 45		D. M. Dullask		57 62
1040 75 40		Towar Dagger		62
7540	ao	Darry Brown		02
1047	ao	Dasii Drown		65
1248	ao	John Brannigan	ao	83
1049	ao	u. w. boyer		65 98
(550	ao	A. J. BOOKET	do	98
551	do	Frank Irvine W. G. Hixon. Edward Hargan. Samuel Hansen. Rolla S. Carson. Thos. Butler D. M. Bullock Harry Brown Basil Brown. John Brannigan. G. W. Boyer A. J. Booker John Begley. V. R. Barnes. Howard Downing. E. P. Dibble. Jos. Dawis F. Cunningham F. Crathorne. John Ceduoskey J. J. Fiscus. Louie Fender Fred Fender Herman Fechtruph Thos. J. Fay. B. F. English G. C. Griffin P. R. Greenman W. H. Graybeal. V. S. Glenn C. Y. Freeman T. F. Franklin Guy Fox. R. D. Hull F. F. Hoover T. O. Henderson T. F. Harper Sell Hamlin A. C. Litton E. C. Lewis Fred Langhoff A. Langhoff J. A. J. Kliem E. W. Justus. Margaret Jones C. C. Johnson P. S. Jeffers Marson Hutton Margaret Jones C. C. Johnson P. S. Jeffers Marson Hutton	ao	62 82
552	do	V. R. Barnes	do	82
553	do	Howard Downing	do	60
554	do	E. P. Dibble	do	81
7555	do	Jos. Davis	do	68
556	do	F. Cunningham	do	130
7557	do	F. Crathorne	do	78
7558	do	John Ceduoskey	do	81 69 130 78 72 52
'559	do	J. J. Fiscus	do	52
560	do	Louie Fender	do	70
561	do	Fred Fender	do	79
562	do	Herman Fechtruph	do	58 98 59 59 59
7563	do	Thos. J. Fav.	do	98
7564	do	B. F. English	do	54
7565	do	G. C. Griffin	do	59
7566	do	P. R. Greenman	do	15
7567	do	W. H. Gravbeal.	do	58
7568	do	V. S. Glenn	do	58 58 57
7569	do-	C. Y. Freeman	do	57
7570	do	T. F. Franklin	do	58
7571	do	Guy Fox	do	72 72 15 58 102 58
7572	do	B. D. Hull	.do	1/
7573	do	F. F. Hoover	do	52
574	do	T. O. Henderson	do	109
7575	do	T. F. Harner	do	58
576	do	Sell Hamlin	do	59
577	do	A C Litton	do	57
572	do	E. C. Lawis	do	52 57 69
570	do	Fred Langhoff	do	58
7520	do	A Langhoff	do	78
7581 7582 7583 7584 7585	do	I A I Kliem	do	7
1201	do	E W Insting	do	108
500	uo	Margaret Tones	do	100
000 1504	do	C. C. Johnson	do	62
004 107	uo	P S Taffare	do	0,
UO0	do	Margaret Johnson C. C. Johnson P. S. Jeffers Ross Hutton A. J. McAlister John Low	do	5
7586 7597 7588	do	A T Madlistor	* do	57 54 75
U#/		Tohn Tow	do	
000	do	Thes Long	do	58   78
209		T To Tong	do	. 6
990	ao	J. F. LUIIg	do	0.
991	do do do	U. E. Meenach	uv	62 62 52
592	do	U. G. May	uo	52
(593	ao	n. n. Manorney		6
594	do	Ura McGnee	00	13
595	do	Jas McCullougn	ao	13 56 4
7596	do	Jonn Low Thos. Long J. F. Long. O. E. Meenach U. G. May H. H. Mahorney Ora McGhee. Jas McCullough Frances McClughen A. Servis. Mary Ryan Ed Richards. William Quinn J. F. Purkins F. M. Perry Jacob Nikolaus J. R. Newton	ao	4
7597	do	A. Servis	ao	6
7598	do	mary Ryan	ao	4.
7599	do	Ed Richards	do	62 41 90 69
7600	do	william Quinn	ao	6
7601	do	J. F. Purkins	ao	55
602	do	F. M. Perry	ao	ı nı
7@A9	do	Jacob Nikolaus	do	62 78
1000				

No.	Date.	To whom.	For what.	Amo
	1913.	Ruthe Murphey. Uriah Moreland. Rebecca Morgan. C. M. Miller Jesse Meyers. Nathan Meltz. Dan Meneely. William Wilde Ed Wharmby. August Warmbier. P. T. Walters. F. M. Van Natter Phillip Udinskey. Henry Turner. Geo. Turner. Geo. Toy. I. F. Tillotson. William Templin. L. M. Stearns. Frank Stateler Orbal Snook. J. J. Herbert. R. F. Downs. Russell Ensor. Clyde Hawkins. S. J. Farlow. E. A. Schwing. H. J. Vanderbeek. Florence Nyberg. Daisy Swearingen. M. L. Nebel. S. T. Wallage. F. H. Colyer. G. W. Porter. K. C. Babcock Edward Barbaum George Smalley. W. W. Trimble. C. E. Mattoon. F. H. Kelley. W. J. Smith. Wesley Wilson. J. H. Vandiventer. Chas. Hill. W. H. Clark. Pete Davis. Harry Higgens. W. J. Langhoff. J. E. Morgan. Marion E. Sparks. M. C. Booher. Chas. Gundlock. D. Vauble. C. I. Newlin. G. C. Gordon. Fred Thompson. I. H. Besore. Mart Watterson. J. H. Schwengel. E. J. Percival.		
7605	'Apr. 30	Ruthe Murphey	Wages, April, 1913	\$ 5
7606	do	Uriah Moreland	do	4
7607	do	Rebecca Morgan		1 9
7608		C. M. Miller	do	{ 5 1
7610	do	Nothan Maltz	do	1
7611	do	Dan Manaely	do	1
7612	do	William Wilde	-do	
7613	do	Ed Wharmby	do	
7614	do	August Warmbier	do	1 6
7615	do	P. T. Walters	do	2
7616	do	F. M. Van Natter	do	1
7617	do	Phillip Udinskey	do	1 2
7618	do	Henry Turner	do	5
7619	do	Geo. Turner	do	{
7620	do	T. D. Dillatara	00	
7621 7600	do	I. F. Tillotson		7
7602	00	T M Ctooms		1 2
1023 7694		Tronk Statolov	do	7
7625	do	Orbal Snook	do	
7626	do	J. J. Herbert	do	' 2
7627	do	R. F. Downs	.do-	1
7628	do	Russell Ensor	do	1 8
7629	do	Clyde Hawkins	do	j
7630	do	S. J. Farlow	do	1
7631	do	E. A. Schwing	do	. 2
7632	do	H. J. Vanderbeek	do	(
7633	do	Florence Nyberg	do	ì
7634	do	Daisy Swearingen	do	8
7.635	do	M. L. Nebel	do	1
7636	do	S. T. Wallage	do	8
7637	do	F. H. Colyer	do	١,
7638	do	G. W. Porter	Calama A and 00 00 1010	1 1
7639	do	K. U. Babcock	Salary, April, 23–30, 1913	11
7641	do	Canga Canallar	wages, April, 1913	1 2
7649		W W Trimble	do	2
7642	do	C E Mettoon	do	i
7644	do	F H Kellov	do	12
7645	do	W. I. Smith	do	15
7646	do	Wesley Wilson	do	- 9
7647	do	J. H. Vandiventer	do	١
7648	do	Chas. Hill.	do	
7649	do	W. H. Clark	do	6
7650	do	Pete Davis	do	6
7651	do	Harry Higgens	do	1 7
7652	do	W. J. Langhoff	do	3
7653	do	J. E. Morgan	do	1
7054	ao	Marion E. Sparks	00	4
7000 7000		Chag Cundled	30	
7657	do	D Vaubla	do	6
7652	do	C I Nawlin	do	5
7659	Apr. 25	G. C. Gordon	Dairy products furnished the de-	l '
. 000			partment of dairy husbandry	ļ
7660	do	Fred Thompson. I. H. Besore. Mart Watterson. J. H. Schwengel. E. J. Percival. T. P. Lyons. O. W. Hampton. David Wilkins. M. Hudson. H. C. Kaufman. A. W. McDaniels. James Freeman. L. P. Brackemeyer.	do	
7661	do	I. H. Besore	do	
7662	do	Mart Watterson	do	l
7663	do	J. H. Schwengel	do	
7664	do	E. J. Percival	do	
7665	do	T. P. Lyons.	do	
1666	do	O. w. Hampton	do	1
1667	do	David Wilkins		l
008	00	M. Hudsoll	do	
1009 1670	uo	A W McDoniele	do	1
1010 7671	uo	Tames Freeman	do	
7679	do	I. P Brackemeyer	do	l
7672	do	James Fisher	do	ľ
7674	do	T. 'A. McCracken	do	l
7675	do	James Freeman L. P. Brackemeyer James Fisher T. A. McCracken Nicholas Hahn S. Kaufman & Co. J. E. Haney A. G. Krukewitt David Hahn R. H. Brewer T. M. Ghere. E. R. Canady	do	
7676	. do	S. Kaufman & Co.	do	ļ
7677	do	J. E. Hanev	do	İ
7678	do	A. G. Krukewitt	do	ľ
7679	do	David Hahn	do	
7680	do	R. H. Brewer.	do	
7681	do	T. M. Ghere.	do	
		T 7 C 1	1 3.	

lo.	Date.	To whom.	For what.	Amou
	1913.	T. Crane.  C. M. Reed. Geo. Herriott. W. W. Herriott. C. M. VanMeter. G. W. VanMeter W. J. Wilson C. A. Fogel. G. A. Curzon J. M. Herriott. John Rueb. J. H. Rutan. C. A. Richman F. H. Busey. W. Davis. D. W. Shiveley. L. F. Bialeschki. M. Cherry. I. H. Gordon W. C. Welch I. W. Maxwell G. M. Seeber W. H. Webb. C. J. VonHolten. O. E. Staples, Chief Clerk J. M. Lindgren		
7683	Apr. 25	T. Crane	Dairy products furnished the de-	\$ 1
7684	do	C. M. Beed	do	\$ 1 2
7685	do	Geo. Herriott	do	11 11 6 3 4 4 4 3 9 3 3
7686	do	W. W. Herriott	do	6
1681 7688	do	G. W. VanMeter	do	4
7689	do	W. J. Wilson	.do	$ $ $\tilde{4}$
7690	do	C. A. Fogel	do	3
7609 7601	do	G. A. Curzon	do	9
7693	do	John Rueb	.do	3
7694	do	J. H. Rutan	do	4
7695	do	C. A. Richman	do	. 4
1090 7607	do	W Davis	do	4 77 22 44 44 37 66 44
7698	do	D. W. Shiveley	.do	4
7699	do	L. F. Bialeschki	do	4
7700	do	M. Cherry	do	3
7702	do	W. C. Welch	do	ĺ
7703	do	I. W. Maxwell	do	1 4
7704	do	G. M. Seeber	do	5
7705 7708	do	W. H. Webb	do	5
7707	Apr. 28	O. E. Staples. Chief Clerk	Payments on account of milk pro-	,
			ducts. Wages, April, 1913dododo	335
7708	Apr. 30	J. M. Lindgren	Wages, April, 1913	15 21
77U9	do	Kaiph Swearingen	do	1 10
7711	do	E. E. Craig	. do do do Wages, March and April, 1913 Wages, April, 1913 Cans Laboratory apparatus. Land Abstract of title. Belt Halftones. Slides	iã
7712	do	F. T. Sheets	Wages, March and April, 1913	12
7713 7714	do	Clint Sayer	Wages, April, 1913	13 12 35 30
7715	Apr. 29	A. H. Thomas Co.	Laboratory apparatus	7
7716	do	J. S. Kibler	Land	125
7717	do	G. A. Keller	Abstract of title	19
7718 7710	do	Jewell Belting Co	Halftones	19 2 19 13
7720	do	Levy Fils Et Cie.	Haittones Slides. Supplies Groceries. Premium Drinking cups Tools	13
7721	do	Neue Photographische Gesellschaft	Supplies	14
7722 7799	do	Metzler & Schafer Co	Groceries	· 27
7724	do	Scott Paper Co.	Drinking cups	. 10
7725	do	H. F. Michell Co	Tools	10 8 10
7726	do	Haage & Schmidt	Seeds	10 125
1121 7798	do	Trying-Pitt Mfg Co	Supplies	120
7729	do	International Harvester Co	Seeds. April, 1913. Supplies	. 10
7730	do	Jacquin & Co	Stationery	.€
7731 7731	do	Western Electric Co	Models	106
7733	do	Illinois Printing Co.	Printing	196 250
7734	do	James Mfg. Co	Stalls	33 60
7735	do	O. E. Staples, Chief Clerk  J. M. Lindgren Ralph Swearingen L. S. Baldwin E. E. Craig F. T. Sheets. Clint Sayer Sturges & Burn Mig. Co. A. H. Thomas Co. J. S. Kibler G. A. Keller Jewell Belting Co. Jahn & Ollier Engraving Co. Levy Fils Et Cie. Neue Photographische Gesellschaft. Metzler & Schafer Co. Geo. A. Turell Scott Paper Co. H. F. Michell Co. Haage & Schmidt F. A. C. Smith Irving-Pitt Mig. Co. International Harvester Co. Jacquin & Co. Western Electric Co. August Gerber Illinois Printing Co. James Mig. Co. H. W. Johns-Manville Co. The R. W. McCready Cork Co. Burke & James B. C. Ames Blinois Book Exchange Luzae & Co. The Goulas Mig. Co. of Illinois	Stationery Cleats Models Printing Stalls Labor and material Corks Supplies do Books	60
1136 7737	do	Burke & James	Supplies	1 4
7738	do	B. C. Ames	do	13 37 20
7739	do	Central Offices of the Society of Friends	Books	37
1740	ob	Turnos Book Exchange	00	20
7749	do	The Goulas Mfg. Co. of Illinois	Supplies	5
7743	do	Illinois Book Exchange Luzac & Co. The Goulas Mfg. Co. of Illinois. The Grasselli Chemical Co. The Illinois Commercial Apple Growers' Assn. E. Schweizerbort.	. do	19
7744	do	The Illinois Commercial Apple Growers'		27
7745	do	Assn E. Schweizerbort Martinus Nijhoff	Lime and leadBooks	27
7746	do	Martinus Nijhoff	do	10
7747	do	Alphonse Picard & Fils	do	14
748	do	Max Weg	do	68
7750	do	Scientific American	_do	10 14 68 · 12
7751	do	Pickering & Chatto	do	29
7752	do	P. Wytsman	do	49
1153 7751	00	B. Friedlander & Sohn	do	28 23
7755	do	E. Schweizerbort Martinus Nijhoff Alphonse Picard & Fils Max Weg The Tabard Inn Book Co Scientific American Pickering & Chatto. P. Wytsman James Tregaskis. R. Friedlander & Sohn Dulau & Co., Ltd Bernard Quaritch The Mining World Remington Typewriter Co.	do	29
7756	do	Bernard Quaritch	Book	9 2 1
7757	do	The Mining World	Machine	$\begin{vmatrix} 1\\94 \end{vmatrix}$
4408	uv	remingion Typewriter Co	таошие	94

lo.	Date.	To whom.	For what.	Amou
	1913.			
7759	Apr. 29	J. O. Toland	Seeds	\$ 4
7760	do.,	Ed Gordin	Team	42
7761	do	J. O. Toland. Ed Gordin. Alexander H. Revell & Co. Central Electric Co. The Alexander Lumber Co. The Miller Harness Co. Otto Harrassowitz. U. Torquen & Cia.	Cushions	\$ 425 54 13 72 29 154
762	do	Central Electric Co	Supplies	13
763	do.,	The Alexander Lumber Co	do	72
764	do	The Miller Harness Co	do	29
765	do.,	Otto Harrassowitz	Books	29
766	do	J. Terquem & Cie	do	154
767 768	do.,	A. C. McClurg & Co	do	50 68
768	do	Stipes & Hecker	Sand	68
769	do	John H. Doyle	Hardware	11 20 69 21
770	do	J. W. Butler Paper Co	Stationery	20
771	do	Mittendorf & Kiler	Furniture	69
772	do	Bacon Borthers	Paints, etc	21
773	do Apr. 28	Otto Harrassowitz J. Terquem & Cie. A. C. McClurg & Co Stipes & Hecker John H. Doyle J. W. Butler Paper Co. Mittendorf & Kiler Bacon Borthers. Geo. Schiff.  Ralph Smith	Dairy products furnished the de-	
774	do	Relah Smith	do do	1
775	do	Ralph Smith W. H. Whittenberg J. R. Hightower S. T. Carter F. C. Stevenson. W. A. Ashworth E. R. Hamm S. Kaufman & Co. The Wabash R. R., Champaign C., C., C. & St. L. Ry. Co., Urbana. The Wabash R. R., Urbana. United States Express Co, Urbana. Western Union Telegraph Co. A. L. Bevis C. W. Clark Albon Bevis C. A. Dunseth. Martin Sandwell A. W. McDaniels E. J. Percival	partment of dairy husbandry	33
770	uu	T D Hightower	do	
779	uv	G T Conton	do	1 2
770	uo	E C Stargenger	uu	è
118	ao	T. O. Stevenson	uo	3
179	qo	w. A. Asnwortn	ao	8
780	do	E. K. Hamm	do	4
781	do	S. Kaulman & Co	do	4
782	Apr. 29	The Wabash R. R., Champaign	Freight	]
783	do	C., C., C. & St. L. Ry. Co., Urbana	do	38
784	do	The Wabash R. R., Urbana	do	30
785	do	The Wabash R. R., Urbana	do	3
786	do	United States Express Co. Urbana	Express	7
787	do	Western Union Telegraph Co	Service	2
788	Apr. 30	A. L. Bevis	Wages, April, 1913	2
789	ob	C. W. Clark	do	10 143 93 86
790	. do	Albon Bevis	do	143
791	do	C. A. Dunseth	do	a
702	do	Martin Sandwell	do	20
702	do	A W McDoniele	Dairy products furnished the de-	0
199	uo	A. W. MODamois	nortment of dairy husbanday	
704	do	F T Donoissol	do	
705		T T Tondonson	u0	
195		J. E. Henderson		•
790	ao	J. F. H0y		1
797	ao	H. C. Kauiman		
798	do	G. F. Dielenbach	ao	
799	do	L. F. Lindsey	do	]
800	do	R. T. Lumsden	do	]
301	do	H. Wascher	do	3
302	do	R. A. Lumsden	do	
303	do	W. F. Hampton	do	
304	do	J. H. Schwengel	do	
305	do	A. J. Putscher	do	( )
306	do	C. C. Gordon	do	
307	do	R. S. McInnes	do	
Sos	.do.	O. A. McInnes	do	
300	do	A. W. McDaniels.  E. J. Percival. J. E. Henderson J. F. Hoy. H. C. Kaulman G. F. Diefenbach L. F. Lindsey. R. T. Lumsden H. Wascher R. A. Lumsden W. F. Hampton J. H. Schwengel A. J. Putscher C. C. Gordon R. S. McInnes O. A. McInnes J. M. Stickrod. E. R. Canady J. B. Marsh W. E. Satterfäld	do	
210	do	E P Canady	do	
111	uo	T R Morch	do	١ '
110	uu	W E Vount	do	;
12		TO Townshowsitt	do	:
13	qo	T. KIUKOWIU	u0	{
14	qo	W.E. Satterneid	ao	:
15	do	r. w. Howell	āo	
16	do	E. M. Frankenberg	ao	1
317 .	do	L. P. Rayburn	do	
318	do	G. W. VanMeter	do	
319	do	S. Herriott	do	
320	do	C. C. Rayburn	do	
21	do	Frank Knox	do	
322	do	G. W. Miller	do	
323	do	A. Kroner	do	
324	do	A. W. McJilton	do	}
225	do	Len Rayhurn	do	1.
226	do	W E Heyer	do	
207	uo	C M Dood	do	
021	uo	J. B. Marsh W. E. Yount F. Krukewitt W. E. Satterfield F. W. Howell E. M. Frankenberg L. P. Rayburn G. W. VanMeter S. Herriott C. C. Rayburn Frank Knox G. W. Miller A. Kroner A. W. McJilton Len Rayburn W. E. Heyer C. M. Reed Wm. Vanbuskirk W. C. Welch F. H. Busey Z. C. Keene Chas. Wilson John McHugh Frank Sheffer C. A. Fogel	do.	
328	uo	WILL VALDUSKIFK	d0	3
529	do	w. C. Welch	ao	
330	do	r. H. Busey	ao	
831	do	Z. C. Keene	do	5 5 2 4 7
832	do	Chas. Wilson	do	5
833	do	John McHugh	do	2
004	do	Frank Sheffer	do	4
334I				

٧o٠	Date.	To whom.	For what.	Amour
	1913.		,	
7836	Apr. 30	Pearl Hazen.  J. M. Herriott. John Rueb. Wm. Case. W J. Wilson. M. Leigh. Z. Alsip. Andrew Shields. C. J. Gillespie. J. E. Haney. Wm. Brown. B. F. Thomas. Geo. Herriott. W. L. Davis. T. M. Guym. J. A. R. Koch. I. H. Gordon. Margaret C. Foss. C., C., C. & St. L. Ry. Co. W. C. Sigerson. L. F. Baldwin. J. G. Penn. R. M. Stevens. G. G. White. Otis Wood. R. R. Danielson. W. L. Howat. J. Rachwalski. Verna A. Manley. J. M. Lindgren. The Graton & Knight Mfg. Co. Geo. F. Paulsen. J. L. Edmonds. Wilson Eyre & Molivaine. John Reichard. General Chemical Co. A. H. Sutherland. V. A. Ketcham. E. F. Stearns. Florence E. Watson. Geo. E. Frazer Verna Brooks. Gertrude E. Moulton. A. W. Nolan. Wilhelm Miller H. B. Dorner C. W. Murphy The H. Cole Co. Lewis Electric Supply Co. The E. G. Hill Co. Pantagraph Printing & Stationery Co. Pant Hansen. R. R. Donnelley & Sons Co. S. E. Dillavou. Walker & Mulliken. National Engraving Co. E. H. Sargent & Co. Ernst Hertzberg & Sons. J. M. Smith. R. Graham. S. Atkinson.	Dairy products furnished the de-	\$ 2
7837	do	J. M. Herriott	-do	\$ 2 3 3
7838	do	John Rueb	do	3
7839	do	Wm. Case	do	4 4 2 2 2 5 4 6
784U 7841	do	W. J. WIISOII	do	4
7842	do	Z. Alsip	do	2
7843	do	Andrew Shields	do	5
7844	do	C. J. Gillespie	do	4
7845	do	J. E. Haney	do	6
1840 7947	do	R F Thomas	do	4
7848	do	Geo. Herriott	do	10
7849	do	W. L. Davis	do	10
7850	do	T. M. Guym	do	5
7851	do	J. A. R. Koch	do	5
1852 7853	do	Margaret C. Foss	Wagas April 1913	40
7854	May 1	C., C., C. & St. L. Rv. Co.	Freight	19
7855	do	W. C. Sigerson	Wages, April, 1913	14
7856	do	L. F. Baldwin	do	13
7857	do	J. G. Penn	Wages, March and April, 1913	12 19
7850 7850	do	G. G. White	do	111
7860	do	Otis Wood.	do	11 22
7861	do	R. R. Danielson	do	29
7862	do	W. L. Howat	do	28
7863	do	J. Rachwalski	do	60
7804 7865	do	I M Lindgren	do	125
7866	do	The Graton & Knight Mfg. Co	Belt	83
7867	do	Geo. F. Paulsen	Wages, April, 1913	22 29 28 60 31 125 83
7868	do	J. L. Edmonds	Expenses	9
7869	do	Wilson Eyre & Mclivaine	Labor and material	70
7870 7871	do	General Chemical Co	Supplies	139
7872	do	A. H. Sutherland	Traveling expenses	14
7873	do	V. A. Ketcham	do	72 132 14 11
7874	do	E. F. Stearns	Printing and hall rent	9
7875 7076	do	Gao E Frazer	do do	28 16
7877	do	Verna Brooks	do	7
7878	do	Gertrude E. Moulton	do	13
7879	do	A. W. Nolan	do	6
7880	do	Wilhelm Miller	do	31
7881 7000	00	C. W. Murphy	Tickets	94
7883	do	The H. Cole Co.	Apparatus	134
7884	do	Lewis Electric Supply Co	Labor and material	102 900
7885	do	The Carson-Payson Co	do	900
7886	do	Pontagraph Printing & Stationary Co.	Printing	67 360
1881 7999	do	Paul Hansen	Expenses	58
7889	do	R. R. Donnelley & Sons Co.	Labor and supplies	58 96
7890	do	S. E. Dillavou.	Hardware	127
7891	do	Walker & Mulliken	Furniture	140
7892	do	E H Sergent & Co	Laboratory supplies	272 329 279
1893 7804	do	Ernst Hertzberg & Sons	Bookbinding	279
7895	do	J. M. Smith	Dairy products furnished the de-	.
			partment of dairy husbandry	16
7896	do	R. Graham	do	
7897 7900	do	Core Stacker	Bookbinding.  Dairy products furnished the department of dairy husbandrydodododo	16
7899	do	John McCullough	do	12
7900	May 2	Geo. Deardorf	Butter	14
7901	do	P. J. Petersen	. do	9
7902	do	M. H. Anderson	do	}
7903 7904	do	H. E. Siegman	do	]
7905	do	Geo. Bost	.dodododo	8 22
7906	do	Spring Valley Creamery Co	do	
7907	do	M. E. Simonsen	dodo	9
7908	do	Fordinand Grimm	ao	
7909 7010	ao	R. Graham S. Atkinson Cora Stacker John McCullough Geo. Deardorf P. J. Petersen M. H. Anderson J. R. Newberry H. E. Siegman Geo. Bost Spring Valley Creamery Co. M. E. Simonsen F. J. Weddige. Ferdinand Grimm N. Cavanaugh	Dairy products furnished the department of dairy husbandry	
			partment of dairy husbandry	8
	1 3 -	Fred Thompson	do	. 4

<b>70.</b>	Date.	To whom.	For what.	Amou
<b>7010</b>	1913.	G Allen	Deiner sone der sta framische dathe de	
7912	May 2	C. Allen	Dairy products furnished the department of dairy husbandry	\$ 3
	do	I. H. Besore.	1do	\$ 35 22 22 36 64 66
7914	do	Geo. Taylor	ao	2
	do	H. I. Nelson	do	. 2
916	do	E. F. Lyons	do	}
917 1918	do	A. R. Grindley	do	}
919	do	W. H. Whittenberg	do	4
920	do	H. I. Nelson E. F. Lyons T. P. Lyons A. R. Grindley W. H. Whittenberg Andrew Shields G. W. Miller B. Jordan	do	6
921	do	G. W. Miller	do	11
$\frac{922}{923}$	do	C. Ross	do	1,1
924	do	C. Ross. T. F. Jordan. Fred Rein.	.do	14
925	do	Fred Rein	do	5 14 1 5
926	do	I. T. Webb	do	5
$927 \\ 928$	do	Jay T. Herriott	do	6
929	do	C. C. C. & St. L. By. Co.	Freight	1 1
930	do	Illinois Central R. R. Co.	do	1   7
931	do May 3	Illinois Traction System	do	416
932	May 3	T. F. Jordan Fred Rein. I. T. Webb. Jay T. Herriott. W. W. Herriott. C., C., C. & St. L. Ry. Co. Illinois Central R. R. Co. Illinois Traction System. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. W. W. Lindley, Postmaster. Grant Freeman. T. M. Clayton. Lobn Godsell	Student payroll	416
933 934	do	O. E. Staples, Uniei Ulerk	General labor	98 381 302
935	do	W. W. Lindley, Postmaster	Postage	302
936	do May 5	Grant Freeman	Dairy products furnished the de-	
	_		partment of dairy husbandry	1 2
937	do	T. M. Clayton	do	3
938	do	I II Schwongel	do	1 6
939 940	do	T. M. Clayton. John Godsell J. H. Schwengel. G. H. Spencer E. S. Hays N. Cavanaugh J. F. Hoy Mart Waterson E. Grove. P. P. Dunn Lou Creiger G. M. Seeber W. C. Welch E. L. Percival O. W. Hampton A. W. McDaniels M. Hudson. H. C. Kaufman C. W. Hamm David Wilkin G. C. Gordan John Rueb	-do	9
941	do	E. S. Hays	do	3 3 3 3 3 3 3 4 4 3
942	do	N. Cavanaugh	do	3
943	do	J. F. Hoy	do	]
044	do	E. Grove	do	9
7946	do	P. P. Dunn	do	
7947	do	Lou Creiger	do	4
7948	do	G. M. Seeber	do	4 6 3 1
7949	do	W. C. Welch	do	2
7051	do	O. W. Hampton	do	1
$95\hat{2}$	do	A. W. McDaniels	do	1 6
953	do	M. Hudson	do	6
954	do	H. C. Kaufman	do	4
ชออ ซริล	do	David Wilkin	do	3
957	do	G. C. Gordan	do	l 5
958	do	John Rueb	do	1 8
959	do	J. H. Rutan	do	4
960 961	do	Van Carter	do	1 9
962	do	F. C. Stevenson	do	1 2
963	. do	Geo. Herriott	do	3 5 5 4 4 4 7 8
964	do	J. H. Rutan. Van Carter C. M. Reed. F. C. Stevenson. Geo. Herriott. Nicholas Hahn. D. Hahn. Jas. Freeman. W. A. Ashworth. W. J. Wilson. T. M. Chere. D. B. White. M. Cherry. D. W. Shiveley. C. A. Fogel. F. H. Busey. Jas. Fisher. C. E. Burk.	do	8
965	do	D. Hann		4
966 967	do	W. A. Ashworth	do	5
967 968	do	W. J. Wilson.	do	å
969	do	T. M. Chere	do	E
970	do	D. B. White	do	5
$\frac{971}{972}$	do	M. CHEFFY	do	3
973	do	C. A. Fogel	do	}
974	do	F. H. Busey	do	[ 8
975	do	Jas. Fisher	do	4
976 977	ao	Wm W Harriott	do	ا ا
$977 \\ 978$	do	T. A. McCracken	.do	3
979	do	R. H. Brewer	do	]. §
980	do	J. A. R. Koch	do	5
981	do	E. R. Canady	do	5
982 983	o	G. C. Cochran	do	1 4
984	do	H. Cherry	do	5
985	do	Jas. Fisher . C. E. Burk Wm. W. Herriott. T. A. McCracken R. H. Brewer J. A. R. Koch E. R. Canady W. E. Heyer G. C. Cochran H. Cherry F. M. Webb S. Kaufman & Co. I. W. Maxwell Z. C. Keene	. do	2
986	do	S. Kaufman & Co	do	436533342333554252433
987	do	1. W. Maxwell	do	3
988	do	L. U. Keene	ao	3

٠.	Date.	To whom.	For what.	Amour
	1913.			,
89	May 5	C. J. VonHolten	Dairy products furnished the department of dairy husbandry do Refund Wages, April, 1913 do	<b>\$</b> 5
90	do	W. H. Webb. U. B. Newton. Louise E. Redman. Mrs. Lizzie Shue. Mrs. Lizzie Reynolds. J. P. Paterson. R. W. Braithwaite. The Grasselli Chemical Co. Otto Schwartz. W. A. Ruth.	do	3
100 181	May 6	U. B. Newton	Refund	25
192 193	ao	Mrs Lizzia Shua	do	98
94	do	Mrs. Lizzie Revnolds	.do	28
95	do	J. P. Paterson	. do	38 28 28 33
96	do	R. W. Braithwaite	Lotion powder	
197	do	The Grasselli Chemical Co. Otto Schwartz. W. A. Ruth. C. E. Durst. J. Bishop & Co. Platinium Works. The Champaign Bottling Works. Eimer & Amend. H. S. Curtis. C. H. Besly & Co. J. H. Thorkelson. Whiting Foundry Equipment Co. Geo. B. Carpenter & Co. Engineering Experiment Station. E. C. Baldwin. Arthur Meeker C. M. McConn. C. A. Surbaugh. C. Q. Nelson. W. W. Williams. P. Adams. The University Club. Harvard Apparatus Co. Edith Jay. Ward's Natural Science Establishment. The Fritz Mig. Co. Mrs. Jennie C. Barlow. Florence Harrison. The Breeder's Gazette. Albert Wuestman. Eugene Dietzgen Co.	Supplies	5 27
199 199		W A Ruth	do do	10
000	do	C. E. Durst	do	13
001	do	J. Bishop & Co. Platinum Works	. do. Labor and material Carbon Dioxide.	19 2
002	do	The Champaign Bottling Works	Carbon Dioxide	2
003	do	Eimer & Amend	Laboratory apparatus. Lectures Hardware	1 12
JU4	do	H. S. Curtis	Lectures	25
ากธ	do	T H Thorkalson	Hardware Expenses Rope sheave Waste Stamps Traveling expenses Expenses .do . Wages, April, 1913 .do . do . Labor .Entertaining Electrodes	27
107	do	Whiting Foundry Equipment Co	Rope sheave	5
008	do	Geo. B. Carpenter & Co.	Waste	61
900	do	Engineering Experiment Station	Stamps	61
010	do	E. C. Baldwin	Traveling expenses	10
)11	do	Arthur Meeker	Expenses	10
)12 )12	ao	C. M. McConn.	Wages April 1012	16
014 014	do	C. O. Nelson	do	46
015	do	W. W. Williams	1do	63
016	do	P. Adams	Labor	67
017	do	The University Club	Entertaining	1
018	do	Harvard Apparatus Co	Electrodes. Wages, April, 1913. Models. Apparatus. Services. do Copies of paper. Cutlery	14
กรอ	do	Word's Notanal Science Establishment	Wages, April, 1913	47
0∠0 021	αο	The Fritz Mfg. Co.	Annaratus	18
022	do	Mrs. Jennie C. Barlow	Services	30
023	do	Florence Harrison.	do	30
024	do	The Breeder's Gazette	Copies of paper	9
025	do	Albert Wuestman	. Cutlery	26
026	do	Eugene Dietzgen Co	Supplies	48 91
02 <i>1</i> 099	do	Herrig Dilleyou & Co	Coment	9
029	do	The Creamery Package Mfg. Co.	Repairs	] :
030	do	The Burr Co	Copies of paper. Cutlery. Supplies. Corn. Cement. Repairs. Hardware.	10
031	do	P. & F. Corbin	Supplies	01
032	do	W. J. Smith	Supplies Electric supplies	12
033 024	do	Florence Harrison. The Breeder's Gazette. Albert Wuestman. Eugene Dietzgen Co. Dryer & Burt. Harris-Dillavou & Co The Creamery Package Mig. Co. The Burr Co. P. & F. Corbin. W. J. Smith. Orr Allyn. Fred Hawkins. M. C. Weaver	Expenses	32 48
034 035	do	M C Weaver	do do	7!
036	do	G. C. Ambrose	do	48
037	do	J. E. Shipley	do	53
038	do	The Harshaw, Fuller & Goodwin Co	Chemicals	53 43
038	do	Ray W. Wilson	. Wages, April, 1913	. 19
04 L	Jdo	R. Pergande		8
041 049	do	Electric Coal Co	Electric supplies Expenses. Wages, April, 1913dododo. Chemicals. Wages, April, 1913do. Hoists Coal	8' 120
043	do	Fred Hawkins M. C. Weaver G. C. Ambrose J. E. Shipley The Harshaw, Fuller & Goodwin Co Ray W. Wilson R. Pergande Edwin Harrington, Son & Co Electric Coal Co W. J. Gerhard Armour Fertilizer Works	Book Supplies Wages, March 15-April 15 Supplies Lead arsenate	12
044	do	Armour Fertilizer Works	Supplies.	16
045	do	James Boswell	Wages, March 15-April 15	40
046	do	Bean Spray Pump Co	Supplies	238
04 <i>1</i> 040	ao	"Friend" Mfg Co	Sprayer	93
049 049	do	Corona Chemical Co.	Sprayer Arsenate of lead Books Books Books	200
050	do	West Publishing Co.	Books.	69
051	do	The Boston Book Co	Book	
052	do	T. H. Flood & Co.	Books	270 11
063 063	ao	Cha Caragall Co	00	1
004 055	do	The American Society of Agronomy	Rook	1
056	do	G. E. Stechert & Co.	. do	2.4
057	do	Chivers Book Binding Co	do	246
058	do	The Boston Book Co	. do	10
059	do	H. P. Rusk	Expenses	10 14 18
060	do	Fairbanks, Morse & Co	Forge and anvil.	15
იცი ენი	oo	Detroit Steel Products Co	Prints	21
002 072	do	Metart Coal Co W. J. Gerhard Armour Fertilizer Works James Boswell Bean Spray Pump Co. Heminway's "London Purple" Co. "Friend" Mig. Co. Corona Chemical Co. West Publishing Co. The Boston Book Co. T. H. Flood & Co. Callaghan & Co. The Carswell Co. The American Society of Agronomy G. E. Stechert & Co. Chivers Book Binding Co. Th. P. Rusk Fairbanks, Morse & Co. E. R. Ellis Detroit Steel Products Co. Rance Sutton.	. do	10
064	do	Rance Sutton Julien P. Friez S. V. Holt. P. D. Long.	Supplies	1 7
065	do	S. V. Holt	Supplies Expenses do	50 56
		ID D T am a	1 40	i éd

lo.	Date.	To whom.  D. A. Fisher. H. W. Stewart A. F. Gustafson. J. E. Whitchurch O. O. Stanley H. P. Corson Alberene Stone Co L. Wolff Mfg. Co H. D. Oberdorier C. C. Logan H. H. Stoek H. F. Chester G. E. Stechert & Co G. C. Willis Williams Bros. The University Press Flanigan-Pearson Co Champaign Steam Laundry Fisner Grocery Co J. B. Clow & Sons The Garlock Packing Co Western Electric Co Underwood Typewritien os Supply Store. Central Electric Co C. A. Hall Hardware Co J. W. Butler Paper Co Cunningham Bros I. H. Besore J. E. Henderson N. Cavanaugh J. M. Stickrod Ralph Smith Geo. Schiff C. A. Richman G. W. Willer G. W. Van Meter Andrew Shields Wm. Brown S. T. Carter Zella Whitehead S. Kaufman & Co J. E. Haney W. A. Coonce I. W. Maxwell Chas. H. Foster, Manager J. H. Percival C. F. Miller Library of Congress F. W. Marquis Rosa-Lee Gaut Brother Leo W. F. Cangelier U. & C. Schiff C. S. Fisher G. W. Jane Rosa-Lee Gaut Brother Leo W. F. Langelier U. & C. Gordon O. S. Fisher G. W. Mathen A. J. Gunderson Albert Tate Frank Morgan J. A. Gunderson O. S. Fisher Geo. W. Mathen W. H. Webb G. C. Gordon Fred Thompson O. A. Molnness R. A. Lunsden G. T. Grodyn G. Taylor H. C. Kaufman G. T. Grodyn G	For what.	Amoun
	1913.	D 4 D 1	77	0.00
8067	May 6	D. A. Fisher	Expenses	\$ 63 23 50 49 49 41 19 30 16 55 31
SUUS SAAS	do	A F Gustafson	1 do	50
2070	do	J. E. Whitchurch	do	49
8071	do	O. O. Stanley	Services	5
8072	do	H. P. Corson	Expenses	41
8073	do	Alberene Stone Co	Stone	19
8074	do	L. Wolff Mfg. Co	Supplies	30 (
8075	do	H. D. Oberdorfer	Expenses	16
8076	do	C. C. Logan		55 31 53 53 46 5 52 1 125 (
8077	do	H. H. Stock	Horse shooing	21 2
070	do	G E Stechert & Co	Books	46
080	do	G. C. Willis	Dry goods.	9
2081	do	Williams Bros	Labor amd material	52
3082	do	The University Press	Printing.	4
8083	do	Flanigan-Pearson Co	do	125
084	do	Champaign Steam Laundry	Washing	14
085	do	Fisner Grocery Co	Supplies	6
3086	do	J. B. Clow & Sons	do	11
087	do	The Garlock Packing Co	00	11 25 31 30 81
088	do	Western Electric Co	do	31
089	do:	The University of Illinois Supply Store	do	30
090	uu	Control Electric Co.	do	81
กลา	do	C. A. Hall Hardware Co	-do	41
003	do	J. W. Butler Paper Co	do	14
093	do	Cunningham Bros	do	14 11
095	do	I. H. Besore	Dairy products furnished the de-	
			partment of dairy husbandry	3 3 3 9 6 6 4 4 7
096	do	J. E. Henderson	do	3
097	do	N. Cavanaugh	do	3
098	do	J. M. Stickrod	do	9
099	do	Ralph Smith	ao	6
100	do	Geo. Schiff	do	6
101	do	C. A. Kichman	do	4
102	do	C. W. Miller	do	7
103	do	Andrew Chields	do	
104	do	Wm Brown	do	5 4 4
106	do	S T Carter	do	4
107	do	Zella Whitehead	do	4 3 5 5
108	do	S. Kaufman & Co.	do	5
109	do	J. E. Haney	do	5
110	do	W. A. Coonce	do	2 5 14
111	do	I. W. Maxwell	do	5
112	do	Chas. H. Foster, Manager	Eggs and chickens	14
113	do	J. H. Percival	Rental	125
114	do	C. F. Miller	Cords	4
115	do	E W Morgania	Evnongeg	<b>20</b>
110	do	Pose-Los Cout	Wages April 1012	42
110		Brother Lee	Potatoes	39
110	do	W. F. Langelier	Expenses	17
120	.do	U. & C. Ry. Gas & Electric Co	Gas and electricity	17 523 250
121	.do	Edna L. Scott	Services	250
22	do	B. S. Pickett	Expenses	27
123	.do	F. M. Mann	do	27 10 28 64 40
124	do	A. J. Gunderson	do	28
125 .	do	Albert Tate	ao	64
126 .	do	Frank Morgan		40
127 .	do	J. A. Rumer & Son	00	15
128	do	O. S. Fisher	ao	90
129	ao	The Wahash D. D. Trhans	Freight	15 50 28 11
130		W F Sottorfold	Dairy products furnished the de-	11
rorl	may /	17 . 12. Dauboliioid	partment of dairy husbandry	4
132	do .	M. Hudson	.do	â
132	do.	W. H. Webb	do	3 1
134	do	G. C. Gordon	do	5
135	do	Fred Thompson	do	3
136	do	O. A. McInness	do	3
137	do	R. A. Lumsden	do	2
138	do	G. F. Diefenbach	do	2
139	do	R. S. McInness	do	4
140	do	C. C. Gorden	do	7
141	do	J. F. Hoy	do	5 3 3 3 3 2 2 2 4 5 7 1 5 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
142	do	H. C. Kaufman	do	5
	do	G. Taylor	do	2

No.	Date.	To whom.	For what.	Amou
0144	1913.	A. J. Putscher.  A. W. McDaniels. E. J. Percival R. T. Lumsden L. F. Lindsey. W. F. Hampton D. W. Shiveley A. G. Guard H. Wascher T. M. Ghere. Wm. Case J. B. Marsh. W. E. Womacks C. M. Van Meter A. G. Krukewitt W. E. Yount S. Herriott L. P. Rayburn C. C. Rayburn S. Kaufman & Co. F. H. Busey. Len Rayburn W. Davis Z. C. Keene C. J. Gillespie John Rueb A. Kroner Frank Knox.	Doing and deta funnished the de	
10144	may 1	A. J. Fulscher	partment of dairy husbandry	\$ 2
18145	do	A. W. McDaniels.	.do	š
8146	do	E. J. Percival	do	\$ 2 3 2 1
8147	do	R. T. Lumsden	do	1
8148	do	L. F. Lindsey	do	$egin{array}{c} 1 \\ 3 \\ 5 \\ 2 \end{array}$
8149 8150	ao	W. F. Hampton	do	3 5
8151	do	A. G. Guard	do	9
8152	do	H. Wascher	do	ī
8153	do	T. M. Ghere	do	$\epsilon$
3154	do	Wm. Case	do	4
3155	ao	J. B. Marsh	do	4
3150 3157	ao	C. M. Von Motor	do	3
8158	do	A. G. Krukewitt	do	
3159	do	W. E. Yount	-do-	`
3160	do	S. Herriott	do	l i
8161	do	L. P. Rayburn	do	7 2
3162	do	C. C. Rayburn	do	2
3163	do	S. Kaulman & Co	do	4
3165	ao	Len Rayburn	do	
3166	do	W. Davis	. do.	3
3167	do	Z. C. Keene	do	£ 22
3168	do	C. J. Gillespie	do	4
3169	do	John Rueb	do	1
3170	do	A. Kroner	do	
2170	do	Frank Knox	[do	9
3173	do	W I Davis	do	. 4 . 4 . 4
3174	do	W. J. Wilson	do	1 4
3175	do	E. R. Canady	do	9
8176	do	W. A. Ashworth	do	8
3177	do	C. A. Fogel	do	3
8178	do	C. M. Reed	do	2
818U 818U	ao	W W Harriott	do	9
8181	do	Pearl Hazen	_do	2
8182	do	Geo. Herriott	do	4033 224 326 7
8183	do	I. H. Gordon	do	7
8184	do	W.C. Welch	do	3
8185	do	Destal Malagraph Cable Co	Magagaga	11
0100 8187	do	C C C & St L By Co	Freight	35
8188	do	The Linen Thread Co	Thread	35 1 22 10
8189	May 8	Hunter, Allen & Co	Lumber	22
3190	do	Beers & Clinkenbeard	Fee	10
8191	do	Stone Bros	Supplies	9 3 2 7
3192	do	Gus Johnson	Copy of record	3
2104		G F Smelley	Expanses	. 5
3195	do	School Science & Mathematics	Advertising	15
3196	do	C. J. Gillespie. John Rueb. A. Kroner. Frank Knox. J. M. Herriott. W. L. Davis. W. J. Wilson. E. R. Canady. W. A. Ashworth. C. A. Fogel. C. M. Reed. Chas. Wilson. W. W. Herriott. Pearl Hazen. Geo. Herriott. I. H. Gordon. W. C. Welch. J. H. Schwengel. Postal Telegraph Cable Co. C., C., C. & St. L. Ry. Co. The Linen Thread Co. Hunter, Allen & Co. Beers & Clinkenbeard. Stone Bros. Gus Johnson. H. B. Ward. G. F. Smalley. School Science & Mathematics. The School Centruy. C. M. Parker.	Fee Supplies Plants Copy of record Expenses Advertising do	15 22 8
3197	do	C. M. Parker	do	8
3198	do	Singer Sewing Machine Co	Kepairs	514
2199	ao	A. E. Adys	Paner supplies	169
320U 3201	do	T. E. Goodrich	Potatoes	162
3202	do	Ralph Hilscher	Expenses	33 50
3203	do	Western Electric Co	Supplies	50
3204	do	C. A. Denman	Labor and material	85
3205	do	Enterprise Foundry & Fence Co	Supplies	2, 737 34
52U0		E W Bailay	do	, ,
3201 3202	do	Mary J. Snyder	Interest	300
3209	do	W. W. & E. D. Hanes' Meat Market	Meat	1
3210	do	A. W. Nolan	Expenses	2 00
3211	do	A. W. Stoolman, Contractor	Payment on contract	2,000
3212	do	J. M. Lindgren	Anaryses.	57
0213 0014	ao	H P Rusk	do	Č
0414 8915	do	R. W. Dickenson	.do	30
8216	do	F. W. Gault	do	30 93 44
8217	do	C. A. Campbell	do	44
8218	do	E. E. Hoskins	do	27
8219	do	School Science & Mathematics. The School Centruy C. M. Parker Singer Sewing Machine Co. A. E. Keys. Stone & Forsyth T. E. Goodrich Ralph Hilscher Western Electric Co. C. A. Denman. Enterprise Foundry & Fence Co O. S. Watkins. E. W. Balley Mary J. Snyder W. W. & E. D. Hanes' Meat Market. A. W. Nolan A. W. Stoolman, Contractor J. M. Lindgren W. J. Carmichael H. P. Rusk. R. W. Dickenson F. W. Gault. C. A. Campbell E. E. Hoskins Henry Pfau W. M. Aten, Sr. O. E. Staples, Chief Clerk	. do . do . Express	22 26
8220	do	W. M. Aten, Sr	Evnress	95
ヘンソー	ao	O. E. Stapies, Office Clerk	17 v h 1 029 · · · · · · · · · · · · · · · · · · ·	ا ع

٧o٠	Date.	To whom.	For what.	Amour
	1913.	o P. G. I. G. I.	G/ 1 A A A	
8222	may 8	O. E. Staples, Chief Clerk	Student payroll	.\$ 513 25 63
8223	do	O. E. Staples, Chief Clerk	Freight	25
8224 8225	do	O. E. Staples, Chief Clerk	Payments on account milk	63
8226	May 9	O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk J. E. Henderson Ralph Smith C. Allen G. C. Cochran L. P. Breckemeyer Geo. Herriott Wm. Brown Len Rayburn T. A. McCracken L. F. Bialeschki C. A. Richman B. Jordan C. Ross T. F. Jordan Chas. Abbott	Dairy products furnished depart-	641
8227	do	Ralph Smith	do	3 3 4 2
2228	do	G C Cochran	do	9
2220	do	I. P Breckemeyer	do	2
3231	do	Geo. Herriott	do	4
3232	do	Wm. Brown.	do	4
3233	do	Len Rayburn	do	5
3234	do	T. A. McCracken	do	3
5235	do	L. F. Blaleschki		3
2227	do	R Jordan	do	10
238	do	C. Ross	do	10 6
3239	do	T. F. Jordan	do	14
3240	do	Chas. Abbott	do	14 1
5241	do	Chas, Abbott M. Cherry J. E. Henay W. A. Ashworth	do	9
242	do	J. E. Henay	ao	5
3243 3244	do	Andrew Shields	do	3
3245	do	Andrew Shields. Z. C. Keene. C. M. Grubb. Goder-Heimann Co. S. Y. Gillan & Co. Gulick Tailoring Co. English Brothers, Contractors. H. H. Lauer. Goes Lithographing Co. French Battery & Carbon Co. Green Street Pharmacy. The C. A. Gall Hardware Co. W. W. Lindley, Postmaster. G. C. Gordon.	do	3
3246	do	C. M. Grubb	Refund	10
3247	do	Goder-Heimann Co	Charts	5 3 10 15
3248	do:	S. Y. Gillan & Co	Maps	1 2
3249	do	Gulick Tailoring Co	Swimming trunks	96 4,369
325U	do	English Browners, Contractors	Expanses	4,309
252	do	Goes Lithographing Co	Supplies	116
3253	do	French Battery & Carbon Co	do	116 21 4 15
3254	do	Green Street Pharmacy	do	4
3255	do	The C. A. Gall Hardware Co	do	15 220
5250 5257	May 10 May 12	G C Gordon	doPostage. Dairy products furnished department of dairy husbandry.	
) <u>10</u> ,	laray 12	a. o. adada	ment of dairy husbandry	1 2 8
3258	do	Ed. Murphy	do	2
3259	do	John Cowett	do	8
8260	do	H. H. Krukewitt		6 4
8262	do	H I Nelson	do	3
8263	do	J. M. Stickrod	do	5
8264	do	A. R. Grindley	do	3 5 7 3
3265	do	J. W. Cavanaugh	do	3
3266	do	H. C. Kaulman	00	3
5207 2968	do	E E Lyons	do	3 2
3269	.do	T. P. Lyons.	do	$\tilde{6}$
3270	do	P. P. Dunn	do	ĭ
3271	do	O. A. McInness	do	1
3272	do,	J. H. Schwengel		2
2774	uo	Tohn Godsell	do	4
275	do	H. H. Krukewitt. E. Heppe H. I. Nelson J. M. Stickrod A. R. Grindley J. W. Cavanaugh H. C. Kaufman Welter Dodson E. F. Lyons T. P. Lyons P. P. Dunn O. A. McInness J. H. Schwengel Mart Watterson John Godsell Lou Creiger G. M. Seeber C. W. Hamm E. J. Percival E. Grove	do	2 4 5 4
276	do	G. M. Seeber	do	6 2 1
277	do	C. W. Hamm.	do	2
278	do	E. J. Percival	do	1
279 280	do	E. Grove M. Hudson R. S. McJnness David Wilkins	ao	4
281	do	R. S. McInness	do	2 2
2929	do	David Wilkins	do	5
283	do	I. H. Besore	do	3
284	do	C. C. Gordon	do	5 3 3 1
285	do	W. H. Webb	ao	1
287	do	R. H. Brewer	do	3
3288	do	Nicholas Hahn	do	2 7
3289	do	Geo. Herriott	do	6
3290	do	T. M. Clayton	do	3
3291	do	W. L. Davis	do	4
3292	do	W.H. W. Herriott	00	5
2204	do	C. A. Fogel	do	3 6
3295	do	David Wilkins I. H. Besore. C. C. Gordon W. H. Webb J. E. Haney. R. H. Brewer Nicholas Hahn Geo. Herriott T. M. Clayton W. L. Davis. Wm. W. L. Davis. Wm. W. Herriott Grant Freeman C. A. Fogel. Frank Knox. A. Kroner. Mrs. J. H. Rutan	do	4
			,	
3296	do	A. Kroner	do	$\frac{6}{3}$

lo.	Date.	To whom.	For what.	Amou
	1913.	Chas. Wilson C. W. Van Meter Len Rayburn Daniel Hahn C. E. Burk J. P. Yeager M. Leigh E. R. Canady John Rueb H. Cherry J. A. R. Koch F. W. Howell James Freeman W. E. Womack James Freeman W. E. Womack James Freeman W. W. McJilton E. M. Frankenburg Van Carter		
8298	May 12	Chas. Wilson	Dairy products furnished the de-	´\$ 3
8299	do	C. W. Van Meter	.do	4
8300	do	Len Rayburn	do	4 3 5 2 3 4 12 2 5 5 5 3 6 3
8301	do	Daniel Hahn	do	5
8302	do	C. E. Burk.	do	2
830 <i>0</i>	do	M Leigh	do	3 4
8305	do	E. R. Canady	do	12
8306	do	John Rueb	do	2
8307	do	H. Cherry	do	5
8308 9900	do	J. A. K. Koch	do	5
8310	do	James Freeman	do	6
8311	do	W. E. Womack	_do	3
8312	do	James Fisher	do	. 4
8313	do	Wm. Van Buskirk	do	2
8314	do	A. W. McJilton	do	4
8316	do	Van Carter	do	1 2
8317	do	Z. A. Alsip	do	] 3
8318	do	A. W. McGrider A. M. McGrider Van Carter Z. A. Alsip G. W. Miller F. C. Stevenson. C. J. Gillespie. F. H. Busey J. H. Umbanhowar I. T. Webb. I. H. Gordon C. J. Von Holten Eisner Grocery Co Robert Essex Incubator Co. F. M. Simpson. G. C. Amsbary Co Albert Pick & Co. Pitsenbarger & Flynn Hegenbart & Dickerson Co. The E. G. Hill Co. E. D. Smith & Co. Julius Roehrs Co.	do	4 2 4 4 5 5 4 4 5 5 5 4
8319	do	F. C. Stevenson	do	8
8320	do	C. J. Gillespie	do	4
6333 8921	do	T U Umberhower		1 9
8323	do	T. T. Webb	do	9
8324	do	I. H. Gordon	do	1
8325	do	C. J. Von Holten	do	5
8326	May 13	Eisner Grocery Co	Sugar	] [
8527	do	E M Simpson	Phylorb	28
8329 8329	do	G. C. Amsbary Co.	Bran	29 1 11
8330	do	Albert Pick & Co	Kitchen utensils.	1 6
8331	do	Pitsenbarger & Flynn	Kitchen utensils Duck cloth Oil Hybrids. Plants, etc Plants Model Washing Waste Drugs Silver sheet. Sunnlies	40
8332	do	Hegenbart & Dickerson Co	Oil	] ]
8333	do	The E. G. Hill Co	Hyprids	29
8335 8335	do	E. D. Smith & Co. Julius Roehrs Co. P. P. Caproni & Bro. White Line Steam Laundry. Geo. B. Carpenter & Co. Fuller & Fuller Co. Baker & Co. The Frederick Post Co. Roessler & Hasslacher Chemical Co. The Elliott Co. Blood Bros. Machine Co. Burke & James J. E. Smith Ellen M. Henrotin T. A. Clark	Plants	30
8336	do	P. P. Caproni & Bro	Model	
8337	do	White Line Steam Laundry	Washing	2
8338	do	Geo. B. Carpenter & Co	Waste	16
8339	do	Palan & Fuller Co	Drugs	80
834U	do	The Frederick Post Co	Supplies	49
8342	do	Roessler & Hasslacher Chemical Co	Supplies . do _ Ink	38
8343	do	The Elliott Co	Ink	16
8344	do	Blood Bros. Machine Co	Joints	16
8345	do	Burke & James	Lens Protractor Expenses	45
8347 8347	do	Ellen M. Henrotin	Expenses	
8348	do	T. A. Clark	Flowers	1.
8349	do	Yale Engraving Co	Flowers. Halftones. Supplies. Gauze.	1
8350	do	The American Crayon Co	Supplies	1 :
8351	do	J. Bisnop & Co. Platiunum Works	Most	1 45
0002 8352	qo	Kimble-Durand Glass Co	Meat Homeos Supplies	15 25 25
8354	do	Kiser Photo Co.	Supplies	"
8355	do	G. Cramer Dry Plate Co.	Lightning conductor	
8356	do	The Carl Bajohr L. C. Co	Lightning conductor	_9
8357	do	Jno. D. Bangs & Co	Supplies	80
.830b	do	Home Creemery Mfg. Co.	Supplies	1,
3666 1888	do	Rockwell-Barnes Co	Books	) . · ·
8361	do	Geo. J. Roberts Co	Coupling	1
8362	do	F. K. Robeson	Gry goods	.j i
8363	do	C. C. Short	Shoeing	1
8304 838	do	Crane Co	Supplies	1 2
18366	, do	The Fitch Dustdown Co	do	1
8367	do	General Electric Co	. do	i î
18368	3 do	A. H. Andrews Co	Lightning conductor Supplies Paper Supplies Books Coupling Gry goods Shoeing Model Supplies do Castings Good Castings Dise	
18369	do	Buffalo Meter Co	Disc	-
1837(	Jdo	M. G. K1000	Gunnlies	
18379	do	The H. Cole Co.	Galv iron Supplies Stand	1
1837	3do	J. E. Smith. Ellen M. Henrotin T. A. Clark Yale Engraving Co. The American Crayon Co J. Bishop & Co. Platiunum Works. T. J. Colvin. Kimble-Durand Glass Co Kiser Photo Co. G. Cramer Dry Plate Co. The Carl Bajohr L. C. Co. Jno. D. Bangs & Co. Burroughs Adding Machine Co. Home Creamery Mig. Co Rockwell-Barnes Co. Geo. J. Roberts Co. F. K. Robeson C. C. Short The Kny-Scheerer Co. Crane Co. The Fitch Dustdown Co. General Electric Co. A. H. Andrews Co. Buffalo Meter Co. M. G. Kibbe The Potters Supply Co. The H. Cole Co. Carson, Pirie Scott & Co. Crosby Steam Gage & Valve Co. P. D. Foster	Coat hangers	1
18374	do	Crosby Steam Gage & Valve Co	Coat hangersIndicator cocks	. 1
1027	il do	P. D. Foster	Supplies	.1 3

No.	Date.	To whom.	For what.	Amount.
	1913.	Hills-McCanna Co. The Engineering Magazine The Champaign Daily Gazette. Eschenbach Printing Co. Powner's Book Store. The Sherwin-Williams Co. Western Roofing & Supply Co. The Varsity Print Shop. Samuel N. Rhoads. G. E. Stechert & Co. W. P. Blessing, Manager. Hibbard, Spenneer, Bartlett & Co. C. C. Smith. The H. O. Shepard Co. Electric Coal Co. Theo. F. Ellis. Frank A'Neals. G. L. Cabot. A. A. Hinkley & Son. Automatic Electric Co. O. O. Stanley. S. E. Huff & Co. The Wabash R. R. Illinois Central R. R. Co. Illinois Traction System. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C. Sadler. Ralph Smith		
18376 18377	May 13	Hills-McCanna Co.	Supplies Advertising Printing do Books Lead Labor and material Bulletins	\$ 10 00
18378 18378	do	The Champaign Daily Gazette	Printing	2 09 10 00
18379	do	Eschenhach Printing Co	do do	9 66
8380	do	Powner's Book Store	Books	1 64
8381	do	The Sherwin-Williams Co	Lead.	1 88 20 19 27 0
8382	do	Western Roofing & Supply Co	Labor and material	20 1
8383	do	The Varsity Print Shop	Bulletins	27 00
8384	do	Samuel N. Rhoads	Books do do Truck	200 3
8385 8386	qo	G. E. Stechert & Co		200 3.
	do	W. P. Biessing, Manager	Truels	1 10
3387	do	C. C. Smith	Truck Signals Paper Screenings Corn Seed Corn Carbon black Seed Corn Supplies Services	4 40 1 0
380	do	The H O Shenard Co	Paner	10.00
390	do	Electric Coal Co.	Screenings	10 00 2,593 08
3391	do	Theo. F. Ellis	Corn.	2 0
392	do	Frank A'Neals	Seed Corn	
393	do	G. L. Cabot	Carbon black	6 25
394	do	A. A. Hinkley & Son	Seed Corn	3 30
	do	Automatic Electric Co	Supplies	21 76
396	do	O. O. Stanley	Services.  Labor and material.  Freight bills.	2 00 6 25 3 30 21 76 5 00 435 85 15 98 3 53
397	do	S. E. Huff & Co	Lapor and material	435 85
398	op	Tille vy apasn K. K	do do	19 88
299	do	Illinois Traction System	. do	10 50
401	do	C. C. & St. L. Rv. Co.	do	8 3t
402	do do	C., C., C. & St. L. By Co	do	8 35 46 92
403	do	C. Sadler	Dairy products furnished depart-	
			ment of diary husbandry	1 89 2 98 6 54 2 53 5 41 4 74
404	do	Ralph Smith	do	2 98
405	do	Geo. Schiff	do	6 54
406	do	Geo. Taylor	do	2 53
107	do	Andrew Shields	do	5 4
408	do	S. T. Carter	do	4 74
409	do	W.E. Heyer	do	4 48
410		G. W. Von Motor	do	4 36
갦	do	S Kaufman & Co	do	4 48 3 32 4 32 12 35
413	do	John Sexton & Co	Groceries	2 98
414	do	Spalding & Quirk	Paper cups	2 00
415	do	Mever Bros	Towels	4 48 3 32 4 32 12 35 2 98 2 00 1 20 4 20
416	do	The Ideal Electric Co	Labor	4 20
117	do	T. P. Baker	Hardware	5 46 17 00
418	do	W. O. Wilson	Service	17 00
119	do	The Plant Study Co	Supplies	20 16
120	do	A. S. Nelson & Sons	Groceries	2 05
121	do	The Leeds & Northrup Co	Amazotua	1 15
122		New York Incondescent Lown Co	Supplies	1 15 15 30 40 00
124	do	New Era Printing Co	Printing	6.55
125	do	Manhattan Electrical Supply Co	Transalt	6 55 <b>3 1</b> 9
126	do	E. W. Sampson	Belts	1 00
27	do	C. E. Lauriat Co	Books	1 00 7 50
128	do	White Line Steam Laundry	Washing	49 59
29	do	H. B. Ward	Expenses	8 50
30	do	A. G. Spalding & Bros	Supplies	12 31
131	do	John R. Nelson	Repairing	1 75
132	do	Illinois Press Clipping Bureau	Cupping service	7 50 49 59 8 50 12 31 1 75 5 00 14 35 6 69
133	do	National Engraving Co	Cling and gooleg	14 35
154	go	J. A. MCF ariand Co	pups and scares	5 68
130	op	C. Sadler  Ralph Smith Geo. Schiff Geo. Taylor Andrew Shields S. T. Carter W. E. Heyer W. E. Heyer W. H. Whittenberg G. W. Van Meter S. Kaufman & Co. John Sexton & Co. Spalding & Quirk Meyer Bros The Ideal Electric Co. T. P. Baker W. O. Wilson The Plant Study Co A. S. Nelson & Sons The Leeds & Northrup Co. Sauveur & Boylston New York Incandescent Lamp Co. New Era Printing Co. Manhattan Electrical Supply Co E. W. Sampson C. E. Lauriat Co. White Line Steam Laundry H. B. Ward A. G. Spalding & Bros John R. Nelson Illinois Press Clipping Bureau National Engraving Co. J. H. McFarland Co. McIntosh Stereoptican Co. J. Manz Engraving Co. L. E. Root Balph Chaplin O. E. Shobe & Co. Sears, Roebuck & Co. Lakeside Forge Co. Sheldon Brick & Building Supply Co. McIntosh Stereoptican Co. Sears, Roebuck & Co. Sears, Roebuck & Co. Sears, Roebuck & Co. Sears Roebuck & Co. Sears Roebuck & Co. Sears Roebuck & Co. Sears Roebuck & Co. Sears Roebuck & Co. Lakeside Forge Co. Sheldon Brick & Building Supply Co. McInto Co. Fine E. D. Swisher Mfg. Co. L. Sonneborn Sons Norton Co. Fine Linde Air Products Co. Sincheldon Brick & Building Supply Co. Fine Linde Air Products Co. Sincheldon Brick & Building Supply Co. Sonneborn Sons Norton Co. Fine Linde Air Products Co. Sincheldon Brick & Building Co. L. Sonneborn Sons Norton Co. Fine C. A. Strelinger Co. L. J. Lyttle.	Zine atchings	1 25 12 90
137	uo	L. E. Foglesong	Expenses	25 41
30	do	R. R. Root		41 84
130	.do.	Ralph Chaplin	do	41 84 49 50
140	do	O. E. Shobe & Co	Service	4 00
41	do	Sears, Roebuck & Co	Scale	4 00 4 13
142	do	Lakeside Forge Co	Machinery	15 00
143	do 8	Sheldon Brick & Building Supply Co	Fire clay	12 00
144	do 1	Metzler & Schafer Co	Salt	3 00
145	do]]	H. W. Johns-Manville Co	Labor and material	6 74
146	do	stromberg Electric Co	R1bbons	15 00 12 00 3 00 6 74 1 24 1 00 3 00
47	do	Ine K. D. Swisner Mfg. Co	Stamp	1 00
48	do	Vorten Co	Pambias	3 00
149		Pho Lindo Air Products Co	Overgon	7 80 3 00
45U .	u0	Interpretation of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the	Zings and halftones	55 89
159	do	Pha C. A. Stralingar Co	Drills	4 80 10 8
150	do	L. I. Lytle	Labor	4 80 13 10
		v v. U.V	~wwv.	70 10

To.	Date.	To whom.	For what.	Amou
	1913.	To whom.  The Kentucky Tobacco Product Co The Lawyers Co-operative Publishing Co. The National Eduction Assn. Hawthorne Farms Co Lyon Metallic Mfg. Co. A. F. Pollard Standard Underground Cable Co. Stephen Rogers. G. H. Perrine & Sons. The Illinois Seed Co. W. H. Rowe & Son. H. F. Ferguson Peck & Hills Furniture Co. F. anigan-Pearson Co. R. R. Donnelley & Sons Co. Illinois State Reformatory. Reliable Plumbing & Heating Co. Sengbusch Self Closing Inkstand Co. Central Electric Co. B. F. Stevenson & Son. P. S. Campbell. E. G. Soltmann. Leavitt Mfg. Co. The Lunkenheimer Co The Lunkenheimer Co The Lunkenheimer Co. The Lunkenheimer Co. D. H. Lloyde. Ernst Hertzberg & Sons. Drake Marble & Tile Co. L. C. Smith & Bros. Typewriter Co. S. E. Dillavou. Bacon Brothers. Bennett's Newspaper & Magazine Agency W. Lewis & Co. S. H. Sargent & Co. Standard Oil Co. Meyer & Wenthe. G. W. Sheldon & Co. G. E. Stechert & Co. A. C. McClurg & Co. Oldham Brothers. Knowtton & Bennett. H. Swannell & Son. F. M. Leslie. B. A. Strauch A. O. Magnuson John H. Doyle C. H. Besley & Co. Percival & Moorehead H. Mueller Mfg. Co. The Chicago Daily News Co. Commercial Telephone & Telegraph Co. Ralph Chaplin H. C. Lawson. Garfield Jones Louis Lamm. J. Kauffmann The Whitaker Paper Co.		
8454	May 13	The Kentucky Tobacco Product Co	Supplies	\$ 22
3455	do	The Lawyers Co-operative Publishing Co.	Books	2
450	do	The National Eduction Assn	Dues	2
457	do	Hawthorne Farms Co	Hog	35 304
450		Lyon Metallic Mig. Co	Hangrarium	504
460		Standard Underground Coble Co	Coble	500 27 46
461	do	Stenhen Rogers	Expenses	46
462	do	G. H. Perrine & Sons	Seed corn	1
463	do	The Illinois Seed Co	Alsike	1 13
464	do	W. H. Rowe & Son	Seed corn	1
465	do	H. F. Ferguson	Expenses	4
466	do	Peck & Hills Furniture Co	Supplies	13 642 1,472 453
467	do	F anigan-Pearson Co	Printing	642
468	do	R. R. Donnelley & Sons Co	do	1,472
469	do	Illinois State Reformatory	do	453
470	do	Reliable Plumbing & Heating Co	Supplies	198 198 8 118 17 16 8
471	do	Sengbusch Self Closing Inkstand Co	do	8
472	do	Central Electric Co	do	118
473	do	B. F. Stevenson & Son	do	17
474	do	P. S. Campbell	Printing	16
475	do	E. G. Soltmann	Supplies	8
476	do	Leavitt Mfg. Co	do	47
477	do	The Lunkenheimer Co	do	16
478	do	The Standard Calorimeter Co	do	3
479	do	D. H. Lloyde	do	47 16 3 242 456
480	do	Ernst Hertzberg & Sons	Bookbinding	456
481	do	Drake Marble & The Co	Bases	75 13
482	do	L. C. Smith & Bros. Typewriter Co	Repairs and rental	13
483	do	S. E. Dillavou	Hardware and implements	418 21 30 16
484	ao	Bacon Brotners	Paints and oil	21
480	do	Bennett's Newspaper & Magazine Agency	Subscriptions	30
480	00	W. Lewis & Co	Tabanatana amalias	51
487	00	Court on Illinois Donitontions	Carridget and brughes	91
400		Staffard Engraving Co.	Halftones	10
400		Standard Off Co	namones	10
401		Morrow & Womths	Stamps	04
400	do	G W Shelden & Co	Foos and charges	97
402		C F Stochort & Co	Rooks	51 47 10 84 2 27 309
404	do	A C McClure & Co	do	80
495	do	Oldhom Brothers	Drugs	82 9
496	do	Knowlton & Bennett	do	42
497	do	H. Swannell & Son	_do	42 19
498	do	F. M. Leslie	do	102 34 446 60
499	do	B. A. Strauch	Poto supplies	34
500	do	A. O. Magnuson	Photo work and supplies	446
501	do	John H. Dovle	Hardware	60
502	do	C. H. Besley & Co.	do	27
503	do	Percival & Moorehead	do	27 31 3 16
504	do	H. Mueller Mfg. Co	do	3
505	do	The Chicago Daily News Co	Advertising	16
506	do	Commercial Telephone & Telegraph Co.	Service	16
507	do	Ralph Chaplin	Expenses	29 3
508	do	H. C. Lawson	do	3
509	do	Garfield Jones	do	4
510	do	Louis Lamm	Book	2
511	do	J. Kauffmann	Books	43
512¦	do	The Whitaker Paper Co	Paper	16
513	do	Jacob White	Plastering	17
514	do	Woldenberg & Schaar	Porcelain dishes	22
515	do	Weston Electrical Instrument Co	Supplies	23
516	do	Geological Survey & Museum	Slides	16
517	do	Julia F. Burnham Hospital	Students' bills	360
518	do	G. E. Frazer	Expenses	23
519	do	Albert Wuesteman	Medal	√36
520	do	John Wyeth & Brother	Amylopsin	`2
521	do	Malcolm Kemper	Laboratory material	2
522	do	Hans H. Hellesoe	Type	23
523	do	Union Fruit Package Co	Bands	43 43 16 17 17 22 23 16 360 23 36 2 23 11 11
524	do	The Van Brunt Mig. Co	Boot and toe	1
525	do	A. J. Warren Brush Co	Brusnes	28
526	do	western Rooming & Supply Co	Appenses  do do do do Books Books Paper Plastering Porcelain dishes Supplies Slides Students' bills Expenses Medal Amylopsin Laboratory material Type Bands Boot and toe Brushes Labor and material Metal polish Case	14
527	do	wadsworth-Howland Co	Metal polish	28 14 9
528	do	Erich Koellner	Case	900
529	do	Unicago Paper Co	Supplies	3081
<b>550</b>	ao	H. C. Lawson. Garfield Jones Louis Lamm J. Kauffmann The Whitaker Paper Co. Jacob White. Woldenberg & Schaar Weston Electrical Instrument Co. Geological Survey & Museum Julia F. Burnham Hospital G. E. Frazer. Albert Wuesteman. John Wyeth & Brother Malcolm Kemper Hans H. Hellesoe. Union Fruit Package Co. The Van Brunt Mig. Co. A. J. Warren Brush Co. Western Roofing & Supply Co. Wadsworth-Howland Co. Erich Koellner Chicago Paper Co. United Wire & Supply Co. Macmillan & Co. Luzac & Co.	Case. Supplies. Tubing. Portrait.	3 1 8
	do l	Macmulan & Co	Books	Ī
3531		Luzac & Co		

## ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

0.	Date.	For what.	For what.	Amo
	1913.			-
533	May 13	Halm & Goldmann. Leo S. Olschki Porrua Hermanos. A. Spaney. J. Gamber John Davis. Joseph Baer & Co. Francis Edwards. Holland Bros. Otto Lange	Books	\$1
534 535	do	Leo S. Olschki	do	
536		A Spanov	Drawings	
537	do	I Gambar	Books	
538	do	John Davis	do	
539	do	Joseph Baer & Co	.do	
540	do	Francis Edwards	do	
541	do	Holland Bros	do	
542	do	Otto Lange	do	:
543	do	A. Hermann & Fils	do	
544	do	R. Friedlander & Sohn	do	
545	do	Walrus Mig. Co	Tables	1
547	do	The Wm. Cramp & Son Ship & Engine	Machine	,
548	đo	Goo Hording	Rooks	,
540	uo	I H Carter	Expanses	
550	do	J. B. Park	до	
551	do	L. A. Hunter	do	
552	do	Alfred Bergren	do	4
553	do	G. W. Medley	do	2
554	do	J. W. Dow	_do	
555	do	Harrison Fahrnkopf	do	
556	do	D. Van Nostrand Co	Water	,
557	do	L. Wolff Mfg. Co	Supplies	
558	do	H. W. Mumford	Expenses	
59	do	Otto Harrassowitz	Books	8
000	do	Galena-Signal Oil Co.	011	8
100	ao	western Carbon & Ribbon Co	Supplies	١,
62	00	W. W. Walls & CO	Coal	]
160	do	The II of I Supply Store	Supplies	
65	do	The Urbana Courier Co	Printing	. 19
666	do	Vaughan's Seed Store	Supplies	18
667	May 15	Francis Edwards. Holland Bros. Otto Lange. A. Hermann & Fils. R. Friedlander & Sohn. Walvus Mig. Co. Underwood Typewriter Co. The Wm. Cramp & Son Ship & Engine Building Co. Geo. Harding. J. H. Carter. J. B. Park. L. A. Hunter. Alfred Bergren. G. W. Medley. J. W. Dow. Harrison Fahrnkopf. D. Van Nostrand Co. L. Wolff Mig. Co. H. W. Mumford. Otto Harrassowitz. Galena-Signal Oil Co. Western Carbon & Ribbon Co. W. W. Walls & Co. R. C. Wagner & Son. The U. of I. Supply Store. The Urbana Courier Co. Vaughan's Seed Store. A. G. Guard. Fred Thompson. J. M. Stickrod. G. H. Spencer. O. A. McInness. W. H. Gray. Walter Dodson. J. H. Schwengel. J. E. Henderson. W. H. Webb. A. W. McDaniels. E. J. Percival. J. W. Cavanaugh J. F. Hoy. M. Hudson. H. I. Nelson. I. H. Besore. A. J. Putscher. G. F. Diefenbach. R. T. Lumsden. R. S. McInness. C. C. Gordon. H. C. Kaufman David Wilkin. L. F. Lindsey. R. A. Lumsden. W. F. Hampton. J. E. Haney. Frank Sheffer. W. A. Ashworth. T. A. McCracken. W. W. Holson. H. T. A. McCracken. W. H. Prank Weise. W. H. Senady. Frank Sheffer. W. A. Ashworth. T. A. McCracken. W. W. Holson. L. F. Bileschki. W. E. Yount. W. J. Wilson. T. M. Gleen. W. H. Welson. T. M. Gleen. W. H. Welson. T. M. Gleen. W. H. Welson. T. A. McCracken. W. H. Pearl Hazen. Wm. Van Buskirk E. R. Canady Frank Knox. C. M. Yan Meter. L. F. Bileschki. W. E. Yount. W. J. Wilson. T. M. Gleen. W. H. Wilson. T. M. Gleen. W. H. Wilson. T. M. Gleen. W. J. Wilson. T. M. Gleen. W. H. Welson. J. R. Hightower.	Dairy products furnished the de- partment of dairy husbandry	
568	do	Fred Thompson	do	
669	do	J. M. Stickrod.	do	
570	do	G. H. Spencer	do	
71	do	O. A. McInness	do	
72	do	W. H. Gray	do	
73	do	waiter Dodson	do	
74	oo	J. H. SCHWengel	00	
76	ao	W H Wohh	do	
77	do	A W McDoniels	do	
72	do	F T Poroivol	do	
70	do	T W Cayanaugh	do	
80	do	I. F. Hov	do	
81	. do	M. Hudson	do	
$\tilde{82}$	do	H. I. Nelson	_do	
83	do	I. H. Besore	do	
84	do	A. J. Putscher	do	
85	do	G. F. Diefenbach	do	
86	do	R. T. Lumsden	do	
87	do	R. S. McInness	do	
88	do	U. U. Gordon	ao	
89	ao	Dovid Wilkin	do	
UE	o	T. F. Lindson	do	
21		R A Lamedon	do	
02	do	W. F. Hampton	do	
94	do	J. E. Hanev	_do	
ğśl	do	Frank Sheffer	do	
961	do	W. A. Ashworth	do	
97	do	T. A. McCracken	do	
98	do	W. W. Herriott	do	
99	do	Pearl Hazen	do	
00	do	Wm. Van Buskirk	do	
01	do	E. R. Canady	do	1
02	do	Frank Knox	do	
03	do	C. M. Van Meter	do	
04	do	L. F. Blaleschki	qo	
05	do	W. E. Yount	do	
11651	ao	w.j. wuson		
25	a			
07	do	T. M. Ghere		

No.	Date.	To whom.	For what.	Amount
	1913.			
18610	May 15	J. B. Marsh  J. A. R. Koch  Wm. Case  Daniel Hahn  M. Leigh	Dairy products furnished department of dairy husbandry	\$ 4 1
18611	do	J. A. R. Koch	do	6 2
18612	do	Wm. Case	do	3 5
18614	do	Daniel Hahn	do	5 0
18615	do	D R White	do	3 6 6 2
18616	do	M. Cherry	-do	6 2 5 7
18617	do	A. Kroner	do	6 0
18618	do	Chas. Wilson	do	4 0
1863U 1801A	do	W. Davis	do	2 5 2 6
18621	do	T M Guym	do	4 9
18622	do	F. H. Busev	_do	$\hat{5}$ $\hat{5}$
18623	do	C. C. Rayburn	do	5 5 3 0
18624	do	S. Herriott	do	1 9 8 7
18625	do	I. P. Rayburn	do	8 7
18627	do	Androw Shields	do	4 2 5 3
18628	do	C. M. Reed	do	4 1
18629	do	D. W. Shiveley	do	6 8
8630	do	Will Case Daniel Hahn M. Leigh D. B. White M. Cherry A. Kroner Chas. Wilson W. Davis W. E. Heyer T. M. Guym F. H. Busey C. C. Rayburn S. Herriott I. P. Rayburn C. A. Fogel Andrew Shields C. M. Reed D. W. Shiveley C. J. Gillespie Wm. Brown Geo, Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. M. Herriott J. J. M. Herriott J. J. M. Herriott J. J. M. Herriott J. J. M. Herriott J. J. M. Herriott J. J. J. J. J. J. J. J. J. J. J. J. J. J	do	4 5
8631	do	Wm. Brown	do	. 49
8622	00	C. J. Gillespie Wm. Brown Geo. Herriott. J. M. Herriott. John Rueb. G. W. Miller Len Rayburn W. A. Ashworth I. H. Gordon W. C. Welch I. W. Maxwell Z. C. Keene E. S. Hayes Herman Moore Illinois Central R. R. Co Illinois Traction System C., C., C. & St. L. Ry. Co J. W. Lloyde. Twin City Feed Mill & Coal Yard Simon Yelch Muntz's West Side Livery Thomas Roland J. M. Throburn & Co. The Thermal Syndicate C. H. Mills The American Multigraph Sales Co.	00	3 9
8634	uo	J. M. Herriott	do	3 2
8635	do	G. W. Miller	do	5 1
.8636	do	Len Rayburn	do	5 1 4 8 2 7
.8637	do	W. A. Ashworth	do	2 7
.8638	do	I. H. Gordon	do	7.0
8640	do	W. C. Welch	00	4 9 5 8 4 0 3 7 2 0
8641	ao	7. C. Waana	do	3 6
8642	do	E. S. Haves	-do	4 ( 3 ' 2 (
8643	do	Herman Moore	do	2 (
8644	do	Illinois Central R. R. Co	Freight bills	6 (
8645	do	Illinois Traction System	do	10 5
2647	do	L.W. Lloyda	Face	· 11 2
8648	do	Twin City Feed Mill & Coal Yard	Grinding	3 0
8649	do	Simon Yelch	Oats and hav	44 0
8650	do	Muntz's West Side Livery	Service	20 0 65 0
8651	do	Thomas Roland	Supplies	65 0
8052	do	J. M. Throburn & Co	Seeds	1 5 2 4
8654	do	C. H. Mills	Expenses	12 8
8655	do	The American Multigraph Sales Co	Ribbon	1 5
8656	do	A. T. Thompson & Co	Signals	1 (
8657	do	Twin City Creamery Co	Butter color	2 (
8658 8659	do	P. Adams.	Labor.	1 ( 2 ( 20 ( 3 ( 10 7 5 1 8 8 2 8 2 1 3 ( 47 6
8660	do	Friends' Reference Library	do.	10.7
8661	do	Leo S. Olschki.	Book	. 5
8662	do	Dultz & Co	do	8 8
8663	do	The Thermal Syndicate C. H. Mills The American Multigraph Sales Co. A. T. Thompson & Co. Twin City Greamery Co. P. Adams Alphonse Picard & Fils Friends' Reference Library Leo S. Olschki Dultz & Co. Dulau & Co. Tablet & Ticket Co. Western Bank Note & Engraving Co. Library Bureau. Twin City Roofing and Sheet Metal	do	2 8
8664	do	Tablet & Ticket Co	Boxes	1 3
5000 9888	do	Western Bank Note & Engraving Co	Diploma. Cares, etc.	3 (
8667	do	Twin City Roofing and Sheet Metal	Cares, etc.	41.0
۱.		Works	Metal work	176 3
3668	do	Twin City Ice & Cold Storage Co	Ice	8 (
3669	do	Twin City Printing Co	Supplies	8 (
8670	do	Thomsen Chemical Co	do	15 3
2671	do	Twin City Electric Co		20 2
8673	do	O E Staples Chief Clark	General navroll	20 2 439 6
3674	do	O. E. Staples, Chief Clerk	Students' payroll	432 6 646
8675	do	W. W. Lindley, Postmaster	Postage	300 6
8678	do	O. E. Staples, Chief Clerk	Payment account milk products.	64
8677	do	O. E. Staples, Chief Clerk	Sundry bills	64 7 26 0 26 8
00/8 8670	ao	Careteria, department nousenoid science.	Pener	. 26 8
2620	on	Iolly Wieland & Richardson Co	Faper Supplies	34
8681	do	Chicago Fire Proof Storage Warehouse	Storage and labor	4 9
8682	do	The Carson-Payson Co	Labor and material	38 4
8683	do	Pantagraph Printing & Stationery Co	Printing	144 7
8684	do	Tablet & Ticket Co. Western Bank Note & Engraving Co. Library Bureau. Twin City Roofing and Sheet Metal Works. Twin City Iee & Cold Storage Co. Twin City Printing Co. Thomsen Chemical Co. Thick Taylor Hardware Co. O. E. Staples, Chief Clerk. O. E. Staple	Supplies	5 1
	40	Louden Machinery Co.	do	13 (
8685		3.6244 1 0 TZ11	77	603

Vо.	Date.	To whom.	For what.	Amou
	1913.			
	May 17	Robt. W. Graham	Dairy products furnished depart-	\$ 2
8688	do	Walter Dodson J. M. Smith John McCullough Z. Alsip C. Allen Geo. Schiff John Godsell T. P. Lyons Cora Stacker A. R. Grindley Ralph Smith E. Grove Lou Creiger G. M. Seeber C. J. Gillespie C. A. Fogel John Ridgeley D. W. Shiveley G. W. Miller B. Jordan Geo. Herriott C. Ross. T. F. Lyden	do	5
8689 8600	do	J. M. Smith	do	23 10
3691	do	Z. Alsip.	.do	3
3692	do	C. Allen	do	3
3093 3694	ao	John Godsell	do	3 3 3
3695	do	T. P. Lyons.	do	4
3696	do	Cora Stacker	do	9 5
8698 8698	ao	Ralph Smith	do	5
699	do	E. Grove	do	3
700	do	Lou Creiger	do	3 6
701	do	C. J. Gillespie	do	0
703	do	C. A. Fogel	do	3
704	do	John Ridgeley	do	3 2 3
706	do	G. W. Miller	do	4
707	do	B. Jordan	do	10 10
708	do	Geo. Herriott	do	10
709 710	do	B. Jordan Geo. Herriott C. Ross T. F. Jordan S. Kaufman & Co. G. C. Coehran	do	
711	do	S Kaufman & Co.	do	4
$712 \\ 713$	do	G. C. Coehran	do	4
714	do	G. C. Coehran Chas. Abbott I. T. Webb F. C. Stevenson	do	1 4 4 8 3 7
715	do	F. C. Stevenson	do	4
716	do	I. T. Webb F. C. Stevenson. S. Atchison. Z. C. Keene. L. C. Marshall. S. T. Henry. Alexander H. Revell. Thomas McClelland. H. I. Carpenter. T. J. Burrill. The Kny-Scheerer Co. Alberene Stone Co. Alberene Stone Co. J. G. Mosier. William Bros. D. H. Lloyde. Walter Dodson. C. C. Gordon. H. Wascher.	do	8
717 718	do	L. C. Marshall	Expanses	1 5
719	do	S. T. Henry	.do	6
$720 \\ 721$	do	Alexander H. Revell	do	10
$721 \\ 722$	do	Thomas McClelland	Tuning nianos	11
723 724	do	T. J. Burrill.	Allowance.	250
3724	do	The Kny-Scheerer Co.	Models	15 35 233
3725 3726	do	Alexander H. Revell & Co.	Eurniture	233
727 728	do	J. G. Mosier	Expenses	25
3728 3729	do	William Bros.	Glass	25 14 162
730	May 19	Walter Dodson	Dairy products furnished depart-	102
	11203	, , , , , , , , , , , , , , , , , , ,	ment of dairy husbandry	3
731	do	C. C. Gordon	do	8
733	do	I. H. Besore	do	
734	do	J. M. Stickrod	do	1 4
735 736	do	O. W. Hampton	do	;
737	do	P. P. Dunn	do	l í
738	do	A. W. McDaniels	do	1 1
739 740	do	E. J. Percival	do	
741	do	O. A. McInness	do	3
742	do	M. Hudson	do	3
743 744	do	C. W. Pelister	do	
745	do	J. H. Schwengel	do	
746	do	Fred Thompson	do	3
747 748	do	H. C. Kanfman	do	9
749	do	W. H. Webb.	do	š
750	do	J. W. Cavanaugh	do	33 32 44 17 17 17 17 17 17 17 17 17 17 17 17 17
752	ao	Mart Watterson	do	9
753	do	James Freeman	do	e
754	do	Fred Krukewitt	do	5
756 756	αο	M. Leign	do	8
757	do	H. H. Krukewitt.	do	6
3758	do	H. J. Moorehouse	do	2
5759 3760	do	W. Davis	do	1 2
3761	do	D. H. Dloyee. Walter Dodson. C. C. Gordon. H. Wascher. I. H. Besore. J. M. Stickrod. O. W. Hampton. J. E. Henderson. P. P. Dunn. A. W. McDaniels. E. J. Percival. R. S. McInness. O. A. McInness. O. A. McInness. M. Hudson. C. W. Peifster. David Wilkins. J. H. Schwengel. Fred Thompson. J. F. Hoy. H. C. Kaufman. W. H. Webb. J. W. Cavanaugh. G. C. Gordon. Mart Watterson. James Freeman. Fred Krukewitt. M. Leigh. J. A. R. Koch. H. H. Krukewitt. H. J. Moorehouse. W. Davis. F. H. Busey. W. W. Herriott. Len Rayburn. L. P. Breckemeyer.	.do	4 6 5 3 5 6 2 2 2 2 3 5
762	do	Len Rayburn	do	4
:/62	ldo	L. P. Breckemeyer	.,do	2

No.	Date.	To whom.	For what.	Amou
	1913.			
8764	May 19	J. M. Herriott	Dairy products furnished department of dairy husbandrydo	
8765	do	Grant Freeman	do ment of dairy nusbandry	\$
8766	do	John Rueb	do	
		Daniel Hahn		1
8768	do	Daniel Hahn W. A. Ashworth W. E. Heyer Ed Huckins N. Hahn W. L. Davis S. Kaufman Co. Andrew Shields J. E. Haney C. A. Richman C. E. Burk E. M. Frankenburg R. H. Brewer James Fisher	do	
8769	do	W. E. Heyer	do	} ;
8770	do	Ed Huckins	do	1
8779	ao	W. T. Dravie	do	
8773	do	S. Kanfman Co	do	
8774	do	Andrew Shields	do	) ;
8775	do	J. E. Haney.	do	
8776	do	C. A. Richman	]do	
8777	do	C. E. Burk	do	1 3
8778 9770	do	E. M. Frankenburg	do	1
8780	do	Iamas Fisher	do	1 :
8781	do	W. E. Womacks	do	
8782	do	R. H. Brewer James Fisher W. E. Womacks F. W. Taylor C. W. VanMeter J. H. Rutan W. J. Wilson J. H. Hubbard G. W. VanMeter T. M. Clayton Van Carter T. M. Ghere A. G. Krukewitt E. R. Canady	do	
8783	do	C. W. VanMeter	do	
8784	do	J. H. Rutan	do	1
8185 0700	do	W. J. Wilson	do	1
0100 8787	ao	G W VanMator	do	
8788	- do.	T. M. Clayton	do	
8789	do	Van Carter	do	
8790	do	T. M. Ghere	do	) ;
8791	do	A. G. Krukewitt	do	
8792	do	E. R. Canady	do	
8793	do	C. M. Reed	do	;
8/94 9705	do	U. J. Von Holten	do	2° 10
3798 3796	do	W C Welch	do	
3797	40	I. H. Gordon	do	
8798	do	Mary Hazeltine	Lecture and expenses.	2
8799	do	H. A. Harding	Salary, April 24-30, 1913	10
8800	do	J. H. Bool Co	Cases	67
8801	do	Freeman & Brooks, Contractors	Payment on contract	67
58UZ	do	Trited States Andit Co	Corrigon	
2003 2204	do	Western Roofing & Supply Co	Supplies	4
8805	do	A. C. McClurg & Co	Books	4.
8806	do	Martinus Nijhoff.	do	1
3807	do	G. E. Stechert & Co	do	23 1
3808	May 20	F. P. Collyer	Expenses	1
3809	do	Raiph Chaplin	do	1
2011	do	U. S. Watkins	do	1
8812	do	G. W. Beardsley	_do	20
3813	do	A. F. Krueger	do	1 1
3814	do	United States Audit Co	Services	24
815	do	Vali Carter T. M. Ghere. A. G. Krukewitt E. R. Canady C. M. Reed. C. J. Von Holten I. W. Maxwell W. C. Welch I. H. Gordon Mary Hazeltine H. A. Harding J. H. Bool Co Freeman & Brooks, Contractors. Edw. J. Nolan, Treasurer United States Audit Co Western Roofing & Supply Co A. C. McClurg & Co Martinus Nijhoff G. E. Stechert & Co F. P. Collyer Ralph Chaplin O. S. Watkins F. A. Pearson G. W. Beardsley A. F. Krueger United States Audit Co Wilhelm Miller A. W. Nolan G. L. Peltier E. Davenport C. M. Robinson F. A. C. Smith Jennie C. Barlow W. A. Morschhauser M. A. Mireden Miller J. C. Mifford Miffed Bull Orr Allyn L. A. Hunter J. G. Mosier	Expenses	10
816	do	A. W. Nolan	do	
817		G. L. Peltler	00	4
010 0120	do	C. M. Robinson	Services and expenses	21
3820	do	F. A. C. Smith	Expenses	21
8821	do	Jennie C. Barlow	Services	3
8822	do	W. A. Morschhauser	Machine	37. 10
3823	do	Men of Nineteen-Twelve	Book	10
824	do	H. E. Clifford	Expenses	9
625c	ao	Ameu Dull	Evnanças	4
827	do	L. A. Hunter	do	19
828	do	J. G. Mosier	do	9: 6' 3:
829	do	C. C. Logan	do	6
8830 8831	do	H. W. Stewart	do	3
831	do	F. A. Fisher	do	6
8832 8833	do	H. U. W neeler		18
3833 3834	uo	F W Garrett	do do	4
3835	do	Orr Allyn L. A. Hunter J. G. Mosier C. C. Logan H. W. Stewart F. A. Fisher H. C. Wheeler R. W. Dickenson F. W. Garrett H. C. Gikerson Henry Lussenhop B. S. Pickett Illinois Traction System C., C., C. & St. L. Ry. Co., Urbana.	_do	10
3836	do	Henry Lussenhop	do	i
8837	do	B. S. Pickett	do	67
3838	do	Illinois Traction System	Freight bills	1
8839	ا مة	C., C., C. & St. L. Rv. Co., Urbana	L.do	3

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Vo.	Date.	To whom.	For what.	Amou
	1913.			
8840	May 20	A. G. Guard	Dairy products furnished depart- ment of dairy husbandry	
0044		a m	ment of dairy husbandry	\$ 2
$8841 \\ 8842$	do	Geo. Taylor	do	3 4
8843	do	Polnh Smith	do	$\frac{4}{2}$
8844	do	I W Cavanaugh	do	3
8845	do	S. Kaufman & Co	do	5
	do	Mrs. S. T. Carter	do	4
8847	do	I. W. Maxwell	do	2
8848	do	W. F. Conway	do	2
8849 8850	do	Geo. Taylor. Geo. Taylor. Geo. Schiff. Ralph Smith J. W. Cavanaugh S. Kaufman & Co. Mrs. S. T. Carter I. W. Maxwell W. F. Conway Western Union Telegraph Co., Urbana. Western Union Telegraph Co., Champaign.	Service	37
00.54		paign	do	34
8851 8852	do	Central Union Telephone Co., Champaign	do	33 19
0004	May 21	F F Hoskins	Expenses.	30
8854	do	H C Gilkerson	do	30
8855	do	paign. Central Union Telephone Co., Champaign Central Union Telephone Co., Champaign E. E. Hoskins. H. C. Gilkerson. Geo. W. Medley. A. F. Gustafson. F. G. Blair.	do	21 28
8856	do	A. F. Gustafson	do	28
	do	F. G. Blair	.do . Entertaining . • Advertising	20
8858	do	Beardsley Hotel Co	Entertaining	347
8859	do	The School Journal Publishing Co	Advertising	6
8860	do	G. W. Robinson.	B00k	1
8861	00	F. G. Blair.  Beardsley Hotel Co. The School Journal Publishing Co. G. W. Robinson. H. H. Stoek. W. M. Atwell S. W. Parr. Freeman & Brooks, Contractors. American Dratting Furniture Co. C. H. Elliott. Illinois Traction System. Ed. Murphey	Expenses	28
2002	do	W.M. AtWell	Labor.	55
0003 8884	ao	Freeman & Brooks Contractors	Expenses. Payment on contract	2, 514
8865	do	American Drafting Furniture Co	Supplies	2,514
8866	do.	C. H. Elliott	Expenses	1 0
8867	do	Illinois Traction System	Freight	3 62
8868	May 22	Ed. Murphey	Freight  Dairy products furnished department of dairy husbandrydo	
2000	,	E. J. Percival A. W. McDaniels E. F. Lyons J. M. Stickrod John Ridgeley W. H. Webb G. C. Gordon Walter Dodson J. H. Schwengel S. Guinn C. C. Gordon R. S. McInness M. Hudson	ment of dairy husbandry	2
8869	do	E. J. Percival	do	22 22 27 74
587U	do	A. W. McDaniels		2
5871	do	E. F. LYONS	do	2
2272	do	J. M. Bucki od	do	1 4
8874	do	W H Webb	do	1
8875	do	G. C. Gordon	do	2
8876	do	Walter Dodson	do	4
8877	do	J. H. Schwengel	do	3
8878	do	S. Guinn	do	2
8879	do	C. C. Gordon	do	3
8880	do	R. S. McInness	do	2
1886		M. Hudson		. 4
0004	do	I F Handarson	u0	1 5
2884	do	O A McInness	do	2
8885	do	David Wilkin	do.	3
8886	do	H. C. Kaufman	do	4
8887	do	J. F. Hoy.	do	2
3888	do	G. F. Diefenbach	do	2
3889	do	R. T. Lumsden	do	3 2 2 2 3 4 4 2 2 2 3 3 3
8890	do	R. A. Lumsden	do	3
3891	do	A. J. Putscher	do	3
2002	00	W. F. Hampton	do	4
2004	uo	Fronk Shaffer	do do	5
2005	do	T M Guym	do	5
3896	. do	G. C. Gordon G. C. Gordon H. G. S. McInness M. Hudson J. E. Henderson O. A. McInness David Wilkin H. C. Kaufman J. F. Hoy G. F. Diefenbach R. T. Lumsden R. A. Lumsden A. J. Putscher W. F. Hampton L. F. Lindsey Frank Sheffer T. M. Guym W. A. Ashworth J. E. Haney C. J. Gillespie Andrew Shields C. M. Reed Len Rayburn Frank Knox	do	1 3
3897	do	J. EHanev	do	i
3898	do	C. J. Gillespie	do	1 4
3899	do	Andrew Shields	do	4
3900	do	C. M. Reed	do	4
3901	do	Len Kayburn	do	3
3902 3903	do	Frank Knox. F. C. Stevenson	do	4
8903 8904				3
	do	A. Kroner J. B. Hightower	do	1 2
8906	do	D. W. Shiveley	do	34 37 35 4 33 33
8907	do	Wm. Brown	_do	4
8908	do	W. H. Whittenberg	do	3
8909	do	O. A. Foster	do	3
8910	do	C. M. Van Meter	do	l ä
8911	do	J. B. Hightower D. W. Shiveley Wm. Brown W. H. Whittenberg O. A. Foster C. M. Van Meter G. W. Van Meter T. A. McCracken D. W. Mayo G. G. Cochran L. F. Bialeschki	do	1 4
8912	do	T. A. McCracken	do	1 4 7 7 3 4
8913	do	D. W. Mayo	do	3
8914	do	G. G. Coenran	do	4
	I ao	L. F. DIAIESCHKI	ao	1 7

To.	Date.	To whom.	For what.	Amou
	1913.			-
8916	May 22	W. L. Davis  A. W. McJilton I. T. Webb. Wm. Gulick W. E. Yount D. B. White Pearl Hazen W. W. Herriott G. W. Miller J. M. Herriott Geo. Herriott Grant Freeman M. Leigh	Dairy products furnished depart-	
0017		A TXT MoTilton	ment of dairy husbandry	\$ 4 4
8918	do	I T Webb	do	4
8919	do	Wm. Gulick	do	. 5
8920	do	W. E. Yount	do	6
8921	do	D. B. White	do	3 5
8922 9099	do	Pearl Hazen	do	5
8923 8924	do	G W Miller	do	5
8925	do	J. M. Herriott	.do	3
8926	do	Geo. Herriott	do	10
8927	do	Grant Freeman	do	3
8928 8929	do	M. Leigh	do	5 4
8930	do	I B Marsh	do	4
8931	do	W. E. Womacks	_do	ر أ
8932	do	Nicholas Hahn	do	6
8933	do	F. W. Howell	do	4
8934	do	T. M. Ghere.	do	6
8935 8936	do	C. Wilson	do	5
8937	do	David Hahn	_do	4
8938	do	J. H. Umbanhowar	do	6
8939	do	J. A. R. Koch	do	5
8940	do	J. M. Herriott. Geo. Herriott. Grant Freeman M. Leigh. John Rueb. J. B. Marsh W. E. Womacks Nicholas Hahn F. W. Howell T. M. Ghere. F. H. Busey. C. Wilson. David Hahn. J. H. Umbanhowar. J. A. R. Koch W. J. Wilson. C. C. Rayburn L. P. Rayburn L. P. Rayburn S. Herriott. C. A. Fogel. Z. C. Keene. I. H. Gordon W. C. Welch C. C., C., C. & St. L. Ry. Co. J. H. Smith. A. L. Moats. Carroll Badger. R. W. Dickenson. A. F. Heck Orr Allyn C. A. Campbell. Freeman & Brooks, Contractors. The Wabash R. R. Chas. E. Mueller & Co. T. J. Colvin. The Misouri Farmer William Murray. Bean Spray Pump Co. Nat. H. Cohen & Son Beers & Clinkenbeard Library Bureau. The Linde Air Products Co. A. S. Cooley. Elijah Aaron. McIntesh Staronticon Co.	do	5 3 2 7 1
$8941 \\ 8942$	do	U. U. Rayburn	do	. 2
8943	do	S Herriott	do	. 1
8944	do	C. A. Fogel	.do	1 7
8945	do	Z. C. Keene	do	8
8946	do	I. H. Gordon	do	. 4
8947	do	W. C. Welch	do	3
8948	do	U., U., U. & St. L. Ry. Co	Field expenses	71
8950	do	A T. Mosts	do	33
8951	do	Carroll Badger	Expenses.	24
8952	do	R. W. Dickenson	do	30
8953	do	A. F. Heck	do	22
8954 8955	do	Orr Allyn	do	14 34
8956 8056	do	Freeman & Brooks Contractors	Payment on contract	1 145
2057	do	The Wabash R. R.	Freight	1, 147 92
8958	May 23	Chas. E. Mueller & Co.	Ice	15
8959	do	T. J. Colvin	Beef	8
8960	do	The Missouri Farmer	Copies	627
8961 8962	do	Rean Spray Pump Co	Supplies	027
8963	do	Nat. H. Cohen & Son	Hav	79
8964	do	Beers & Clinkenbeard	Premium	79
8965	do	Library Bureau	Supplies	2
8966	do	The Linde Air Products Co	Oxygen	53
9908	Jao	A. B. COOLEY	Evnances	32
8969	dodo	McIntosh Steropticon Co	Oxygen Slides Expenses Supplies	20
8970	do	The Linde Air Products Co. A. S. Cooley. Elijah Aaron McIntosh Steropticon Co. J. H. McFarland Co. John Deere Plow Co. Commercial Acetylene Railway Light and Signal Co. R. R. Donnelley & Sons Co. Lagguin & Co.	do	209
8971	do	John Deere Plow Co	Implements	54
8972	do	Commercial Acetylene Railway Light	0	
2072	do	B. B. Donnellov & Sons Co.	Gas and freight	979
8974	do	R. R. Donneiley & Sons Co. Jacquin & Co. Ernst Leitz Jahn & Ollier Engraving Co. Meyer & Wenthe. Lemcke & Buechner F. M. Leslie. The Ichenhauser Co. The Miller Harness Co. D. H. Llydde.	Supplies	873
8975	do	Ernst Leitz	Supplies	20
8976	do	Jahn & Ollier Engraving Co,	Half tones	37
8977	do	Meyer & Wenthe.	Half tones Stamps Books	1 5
8978	do	Lemcke & Buechner	Books Drugs.	20 37 2 2
3160 1808	)do	The Ichenhauser Co	China ware	191
.8981	( do	The Miller Harness Co	Supplies.	121 12
2022	2 do	D. H. Lloyde	China ware Supplies . do	55
18983	do	Central Electric Co	do.,	247
8084	1do	Charles Mollet	do. Supplies and labor Lumber.	1 4
1898	5 do 3 do	The Miller Harness Co.  D. H. Lloyde Central Electric Co. Charles Mollet. S. E. Huff & Co. Mittendorf & Kiler Dallenbach Brothers. C. A. Dampen	Lumber. Furniture	55 247 4 115
18980 18987	do	Dallenbach Brothers	Meat	
18988		C. A. Denman	Meat Labor and material	189
18989	9do	Illinois State Reformatory	Printing	189 437 224
18990	0 do	C. A. Denman Illinois State Reformatory Illinois Printing Co. W. Lewis & Co. Alumni Record	. do	224
18991	do	W. Lewis & Co.	Dry goods	7
18992	2 do	Alumin Record	. Copies	.  4

0.	Date.	To Whom.	For what.	Amou
	1913.	Metzler & Schafer Co. A. C. McClurg & Co. John H. Doyle. Simon Yelch H. I. Nelson. C. Allen John Ridgeley. A. R. Grindley W. H. Frame Ralph Smith G. M. Seeber Geo. Schiff John Weiss E. Grove. I. H. Besore. G. W. Pfiester John Gossell Lou Creiger	,	
3993	May 23	Metzler & Schafer Co	Groceries	\$82
3994	do	A. C. McClurg & Co	Books	86 61
3995	do	John H. Doyle	Hardware	61
3990	May 31	Simon Yelch	Daily products furnished deport	6
991	may 20	II. I. INGISOII	ment of dairy husbandry	1
2002	do	C. Allen	do	4 2 2 6
3999	do	John Ridgelev	do	1 2
9000	do	A. R. Grindley.	do	6
9001	do	W. H. Frame	do	3
0002	do	Ralph Smith	do	2
9003	do	G. M. Seeber	do	6
1004	do	Geo. Schiff	do	3
1000	do	F Crows	00	9
1000		T H Record	do	0
เกกร	do	G W Pfiester	do	10
0000	do	John Godsell	do	5
010	do	Lou Creiger	do	l š
0T1	do	Andrew Primmer	do	l ž
012	do	Ed. Murphey	do	3
013	do	S. Kaufman & Co	do	3 2 6 3 3 5 3 10 5 2 2 3 3 5 5 3 3 5 5 3 3 5 5 5 3 5 5 5 5
014	do	Andrew Shields	do	3
015	do	John Godsell Lou Creiger Andrew Primmer Ed. Murphey S. Kaufman & Co Andrew Shields C. E. Burk A. Kroner. Wm. Van Buskirk Z. Alsip T. F. Jordan B. Jordan C. Ross. E. R. Canady M. Cherry W. E. Satterfield Chas. Abbott.	do	2
016	do	A. Kroner	do	5
017	do	w III. v an Buskirk	00	3
MTQ		T F Torden	do	3 19 9
กรถ	do	R Iordan	do	19
021	do	C. Ross	do	ű
022	do	E. R. Canady	-do	9
023	do	M. Cherry	do	) š
0024	do	W. E. Satterfield.	do	5 5 1
025	do	Chas. Abbott.	do	1
9026	do	Zillah Whitehead	do	3
9027	do	Len Rayburn	do	4
9028	do	W. H. Whittenberg	do	3
1029		W. E. Heyer.		4
∌ひむひ 1∩21		Wm Brown	do	1 4
1032	do	C. J. Gillespie	do	4
033	do	C. J. Von Holten	. do	ı ŝ
034	do	S. Atchison.	do	5 4 4 3 4 12
035	do	The Wabash R. R.	Freight	12
9036	May 26	Mrs. J. W. Cornwall	Eggs	3
037	do	Mrs. D. O. Barto.	do	1
038	do	The Celluloid Co	Checks	_1
039	do	B. Riley Hauk Supply Co	Acid	18
1040	ao	The Kentucky Telegrap Product Co	suppnes	16
1040 1041		T Rowman	Hardwara	16 27
042	40	The Dunham Co	Machinery	19
044	do	M. Cherry W. E. Satterfield Chas. Abbott. Zillah Whitehead Len Rayburn W. H. Whittenberg W. E. Heyer H. Cherry Wm. Brown C. J. Gillespie C. J. Von Holten S. Atchison The Wabash R. R. Mrs. J. W. Cornwall Mrs. D. O. Barto The Celluloid Co B. Riley Hauk Supply Co Armour Fertilizer Works The Kentucky Tobacco Product Co J. Bowman The Dunham Co R. W. Braithwaite D. M. Crockett P. P. Caproni & Bro Bryan-Marsh Electric Works Corbin Cabinet Lock Co Harrison & Co Corbin Cabinet Lock Co Corbin Cabinet Lock Co Corbin Cabinet Lock Co Corbin Cabinet Lock Co Corbin Cabinet Lock Co Corbin Cabinet Lock Co	Services	12
045	do	D. M. Crockett	Labor and material	15 94
046	do	P. P. Caproni & Bro	Models	15
047	do	Bryan-Marsh Electric Works	Lights	94
048	do	Corbin Cabinet Lock Co	Keys	5
049	do	Harrison & Co	Machine	28 28 2 12
050	do	Corbin Cabinet Lock Co. Harrison & Co. Corbin Cabinet Lock Co. of Chicago J. T. Baker Chemical Co. The Champaign Bottling Works. Calumet Steel Co. American Hard Rubber Co. Milton H. Morris. R. H. Dunlap. C. A. Denman, Contractor. Thelma Cook Hester Allen P. S. Campbell	Lights Keys Machine Supplies -do Gas Supplies -do Expenses -do Enameling Expenses -do Printing Labor and material Books Records Engraving Labor Hardware	2
OBT	do	The Champaign Bottling Works	Gos	28
052	do	Columnt Steel Co	Supplies	12
054	uo	A merican Hard Rubber Co	Rod	1
055	do	Milton H. Morris.	Expenses	5
056	do	R. H. Dunlap	do	5 4 40
057	do	C. A. Denman, Contractor	Enameling	40
058	do	Thelma Cook	Expenses	4
059	do	Hester Allen	do	6
060	do	P. S. Campbell	Printing	91
061	do	Hester Allen P. S. Campbell. Gibson City Canning Co. The Baker & Taylor Co. Eggleston's Music House J. Manz Engraving Co. The Ideal Electric Co. Keuffel & Esser Co. Illinois Press Clipping Bureau. G. Gennert.	Labor and material	91
062	do	The Baker & Taylor Co	Books	20 2
063	do	Eggieston's Music House	Kecords	2
5004	do	J. Manz Engraving Co	Lugraving	5 78
1005	00	Toughol & Fasor Co	Hardware	4
1000 1067	00	Illinois Press Clinning Rurger	Service	5
งบบา	uo	G. Gannart	Ortol	5 1 44
าบบอ	do	G. Gennert. Hibbard, Spencer, Bartlett & Co Doubleday, Page & Co	Ortol	44
		D 11 1 D 0 0	T town Clitara	10

Vо.	Date.	R. R. Root Mart Fritschle. The E. G. Hill Co. C. E. Critchell. The C. W. Brownell Co. Central Egg Carrier Co. Electric Appliance Co. A. A. Hinkley. Armstrong Cork Co. Gilbert & Barker Mig. Co. Dodge Mig. Co. The Elliott Co. Illinois Motor Car Sales Co. Emma Jacobson. Gullick Pennant Co. Central Scientific Co. Automatic Electric Co. H. A. Hollister W. W. Lindley, Postmaster The American Law Book Co. Callaghan & Co. The Flood & Co. De Witt & Snelling. H. B. Ward, Secretary. The Encyclopedia Britannica Co. Chivers Bookbinding Co. Architectural Book Publishing Co. Champaign Seed Co. Champaign Seed Co. Champaign Seed Co. Champaign Dally Gazette. Champaign Dally Gazette. Champaign Steam Laundry Bacon Brothers. E. T. Benjamin. Watson Faulkner. The Boston Book Co. Ernst Hertzberg & Sons. A. O. Magnuson. O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief Clerk O. E. Staples, Chief	For what.	Amou
	1913.			
9071	May 26	R. R. Root	Expenses	\$ 11
9072	do	Mart Fritschle	Hay	23
9073	do	The E. G. Hill Co	Flowers	9
9075		The C. W. Provenell Co.	MOSS	1
9078 9076	do	Central For Corrier Co	Corriors	1 6 9 20 30 586
9077	do	Electric Appliance Co	Supplies	l ă
9078	do	A. A. Hinkley	Mollusca.	20
9079	do	Armstrong Cork Co	Supplies	30
9080	do	Gilbert & Barker Mfg. Co	do	586
9081	do	Dodge Mfg. Co	do	7
9082	do	The Elliott Co	Roll	2
9083	do	Illinois Motor Car Sales Co	Service	25
9084	do	Emma Jacobson	Services	25
9085	do	Gulick Pennant Co	Badges	3
9086	do	Central Scientific Co	Apparatus	3
9087	do	Automatic Electric Co	Supplies	12
9088	do	H. A. Hollister	Expenses	~8
ชบอช วดดด		The American Law Book Co	Posts	10
บษบ เกกถ	uo	Calleghan & Co	do do	3 12 8 50 16 44 276
2000 1606	do	T H Flood & Co	do	974
0003 0003	do	Da Witt & Snelling	Book	2/5
2000	do	H. B. Ward. Secretary	-do	-
2095	do	The Encyclopedia Britannica Co	.do	2, 244 18 2, 244 18 18 10 10 74
3096	do	Chivers Bookbinding Co	do	i
2097	do	Architectural Book Publishing Co	Books.	11
9098	do	Archives of Psychology	do	] - F
9099	do	G. E. Stechert & Co.	do	2, 24
9100	do	Bennett's Newspaper & Magazine Agency	Subscription	18
9101	do	The Engineering & Mining Journal	Subscription	5
9102	do	H. H. Lauer	Expenses	2
9103	do	Hiland Brothers	Signs	5
9104	do	Eimer & Amend	Pipettes	]
<b>910</b> 5	do	J. Bishop & Co. Platinum Works	Electrodes	16
9106	do	Frison Carriage Shop	Labor and material	12
9107	do	J. B. Bennett	do	74
9108	do	The Chicago Packing House Market	Supplies	85
9109		Champaign Good Co	do	31
0111 9110	do	C H Rock & Co	do	30
0110	do	W R Bradley & Co	do	12
9113	do	J. W. Butler Paper Co	do	39 13 26
9114	do	Knowlton & Bennett	do	27 45
9115	do	General Electric Co	.do	45
9116	do	The C. A. Hall Hardware Co	do	10
9117	do	H. F. Chester	Service	51
9118	do	The Burr Co	Hardware	139
9119	do	The Alexander Lumber Co	Lumber	70
9120	do	Flanigan-Pearson Co	Printing	190
9121	do	Champaign Daily Gazette	Printing and advertising	12
122	do	Cnampaign Steam Laundry	wasning	45 10 51 139 70 190 14 20
123	do	Bacon Brothers	Paints, etc	20
1124	ao	E. I. Benjamin	Daylor	20 5 8 91 48 386 55
9120 3100	uo	The Roston Rook Co	Rooks	3
9140 3197	do	Ernet Hertzherg & Sons	Bookhinding	a a
3199	do	A. O. Magnison	Blue prints	1
3190	. do	O. E. Staples, Chief Clerk	Rebates to students	386
3130	do	O. E. Staples, Chief Clerk	Express	5.5
9131	do	O. E. Staples, Chief Clerk	Sundry bills paid	11!
$9\overline{1}\overline{3}\overline{2}$	do	O. E. Staples, Chief Clerk	Students payroll	28
$91\overline{3}\overline{3}$	do	O. E. Staples, Chief Clerk	Express	48
9134	do	Freeman & Brooks, Contractors	Payment on contract	418
9135	do	Reliable Plumbing & Heating Co	do	115 287 48 413 364
9136	May 27	Chas. Saddler	Dairy products furnished depart-	
	١.,	T 777 C 1	ment of dairy husbandry	3
9137	do	J. W. Cavanaugh		3
9138	do	J. F. H0y		
9139 9139	ao	Welter Dedger		4
9140	do	A. O. Maginus, Chief Clerk O. E. Staples, Chief Clerk Freeman & Brooks, Contractors Reliable Plumbing & Heating Co. Chas. Saddler J. W. Cavanaugh J. F. Hoy H. C. Kaufman Walter Dodson J. E. Henderson H. Wascher M. Hudson Mart Watterson Clint C. Gordon R. S. McInness O. A. McInness Fred Thompson:		8
9141 0140	do	U Wessher		8
9142 0142	uo	M Hudson	do	8
9143 0144	do	Mart Watterson	do	2
014E	do	Clint C. Gordon	do	
8148 8140	uo	R S McInness	do	
0140 0147	do	O A McInnace	do	33 1 4 33 22 33 4 4 31 1
214/	do	Fred Thompson	do	
		T 1 DU	UU	

No.	Date.	To whom.  W. H. Webb.  G. C. Gordon. O. W. Hampton. J. H. Schwengel. E. J. Percival. A. W. McDaniels. W. H. Gray. David Wilkins. Geo. Herriott. C. M. Reed. W. W. Herriott. John Cornett. Wm. Case. T. M. Clayton. A. G. Krukewitt. M. Leigh. Ed. Heppe. Ed. Huchins. H. H. Krukewitt. Pearl Hazen. W. J. Wilson. C. A. Fogel. W. Davis. Frank Knox Chas, Wilson. Van Carter. S. E. Lee. G. H. Spencer. J. H. Rutan. E. R. Canady. T. H. Richardson. James Freeman. J. H. Umbanhowar James Fisher. S. Kaufman & Co. F. H. Busey. R. H. Brewer. W. E. Womacks. G. W. Van Meter. W. L. Davis. J. E. Haney. I. H. Gordon. Mrs. E. S. Hayes. I. W. Maxwell W. C. Welch. C. C. & St. L. Ry. Co. O. E. Staples, Chief Clerk B. Riley Hauk Supply Co. White Poultry Farm The Sanitary Dairy Given Bros. & Nyberg. Stearnes Steel Range Co. D. A. Abrams. C. C. Adams. R. M. Alden. C. W. Allee. C. H. Allee. C. D. Bagley. W. C. Welts Back G. D. Bagley. W. C. Bagley.	For what.	Amou
	1913.			
19149	May 27	W. H. Webb	Dairy products furnished depart-	\$ 1
9150	_do	G. C. Gordon	do	\$ 1 1 3 2 2 2 2 4 3 3 3 3 4 4 2
9151	do	O. W. Hampton	do	1
9152	do	J. H. Schwengel	do	
9100 0154	do	A W McDanials	do	1
9155	do	W. H. Grav	.do	
9156	do	David Wilkins	do	2
9157	do	Geo. Herriott	do	. 4
9158	do	C. M. Reed	do	3
9159 9160	do	John Cornett	do	5
9161	do	Wm. Case	do	``
9162	do	T. M. Clayton	do	1 2
9163	do	A. G. Krukewitt	do	9
9164	do	M. Leigh	do	6
9100 0166	do	Ed Huchins	do	9
9167	do	H. H. Krukewitt	.do	l 8
9168	do	Pearl Hazen	do	:
9169	do	W. J. Wilson	do	1
9170	do	C. A. Fogel	do	
$\frac{9171}{0179}$	do	Fronk Knov	do	1 :
9172 9173	do	Chas. Wilson	do	
9174	do	Van Carter	do	
9175	do	S. E. Lee	do	
9176	do	G. H. Spencer	do	
9177	do	J. H. Rutan.	do	'
9178	do	T H Richardson	do	
9180	do	James Freeman	do	
9181	do	J. H. Umbanhowar	dò	
9182	do	James Fisher	do	
9183	do	S. Kaufman & Co	do	
9184	do	P. H. Busey	do	:
9126	do	W. E. Womacks	do	:
9187	do	G. W. Van Meter	do	
9188	do	W. L. Davis	do	
9189	do	J. E. Haney	do	
9190	do	Mrs F S Hoves	do	:
9192	do	I. W. Maxwell	-do	
9193	do	W. C. Welch	do	20
9194	do	C., C., C. & St. L. Ry. Co	Freight bills	2
9195	May 28	O. E. Staples, Chief Clerk	Dairy products	7:
9196 0107	do	White Poultry Form	Supplies	1
9197 9198	do	The Sanitary Dairy	Milk	102
9199	do	Given Bros. & Nyberg	Washing	] [
9200	do	Stearnes Steel Range Co	Grates	13
9201	May 31	D. A. Abrams	Salary, May, 1913	13
9202	do	C. C. Adams	do	13 33
9203 0204	do	C W Alvord	do	14
9204	_do	W. C. Allee	do	14. 12
9206	do	C. H. Allen	do	30 20
9207	do	L. F. Anderson	do	20
9208	do	S. O. Andros	do	150 30
9209	do	June M. Asniey	do	8
921U 9211	do	K C Bahcock	do	6 41
9212	do	Robert Back	.do	7
$9\bar{2}1\bar{3}$	do	G. D. Bagley	Scholarship, May, 1913	29
9214	do	W. C. Bagley	Salary, May, 1913	29
9215	oo	Margaret L. Balley	Solory May 1913	50
9217	do	I. O. Baker	do	. 33
9218	do	R. E. Baker	do	3
9219	do	E. C. Baldwin.	do	150
9220	do	C. W. Balke	do	150 183 30
0221	00	Rronson Borlow	00	50
9222	do	K. C. Babcock Robert Back G. D. Bagley W. C. Bagley W. C. Bagley W. H. Bair I. O. Baker R. E. Baker R. E. Baker C. C. Baldwin C. W. Balke Panzy Barger Bronson Barlow J. T. Barrett H. H. Bartells P. S. Barto J. H. Barton	do	58
9224	do	H. H. Bartells	do	50 100
9225	do	P. S. Barto	do	100
	1 4 -	I H Borton	l do	250

0.	Date.	Edward Bartow S. J. Bates. W. S. Bayley G. D. Beal. J. H. Beard J. B. Beck J. E. Bell B. W. Benedict Madison Bentley E. J. Berg Daisy L. Blaisdell D. S. Blondheim Leonard Bloomfield B. H. Bode E. L. Bogart G. P. Bloomsliter Ethel Bond R. L. Borger C. V. Boyer R. O. Brigham Alice D. Brooks Morgan Brooks N. C. Brooks Morgan Brooks N. C. Brooks Verna Brooks F. F. Brown Elizabeth P. Brush J. M. Bryant W. A. Buchen A. M. Buck S. J. Buck V. E. Burge L. V. Burton S. C. Burton H. V. Carter A. P. Carnahan F. W. Carpenter G. E. Carscallen H. Y. Carson A. K. Clitkenden C. R. Clark C. A. Clark T. A. Clark T. A. Clark L. D. Coffman Alexander Cohen A. C. Cole Vida L. Collins A. F. Comstock H. P. Corson F. K. Gowley Jennie A. Craig A. R. Crathorne H. L. Creek W. E. Curmins Florence R. Curtis A. H. Daniels Junatia E. Davis B. S. Davisson E. H. Decker J. A. Dent W. W. Denton C. G. Derick E. R. Dewsnup J. K. Ditchy W. F. Dodd D. M. Duncan J. M.	For what.	Amou
•	1913. May 31			
227	May 31	Edward Bartow	Salary, May, 1913	\$291
228	do	S. J. Bates	do	100 187
229	do	W.S. Bayley	do	187
230	do	G. D. Beal	do	120 120
31	do	↑. Н. Вeard	do	120
232	do	J. B. Beck	do	166
233	do	J. E. Bell	do	60 291
234	do	B. W. Benedict	do	291
235	do	Madison Bentley	do	250 333
236	do	E. J. Berg.	do	33
237	do	Daisy L. Blaisdell	do	100 116
238	do	D. S. Blondheim	do	116
239	qo	Leonard Bloomheld	do	120 250 250 130
340	ao	B. H. Bode	do	250
241	do	E. L. Bogart	do	250
242	do	G. P. Bloomsliter	do	130
243	- do	Ethel Bond	do	88
244	do	R. L. Borger	do	12
245	do	C. V. Boyer	do	ļ 120
246	do	R. O. Brigham	do	60
247	do	Alice D. Brooks	do	125 126 60 30
248	do	Morgan Brooks	ao	250 200
249	do	N. C. Brooks	do	20
250	do	Verna_Brooks	do	80
251	do	F. F. Brown	do	80
252	do	Elizabeth P. Brush	do	8
253	do	J. M. Bryant	do	18
254	do	W. A. Buchen	do	11
255	do	A. M. Buck	do	15 11
256	do	S. J. Buck	do	11
257	do	W.E.Burge	do	16
258	do	L. V. Burton	do	3
259	do	S. C. Burton	do	12 16
260	do	H. V. Canter	[do	16
261	do	A. P. Carman	do	33
262	do	D. H. Carnahan	do	200 160
263	do	F. W. Carpenter	do	16
264	do	G. E. Carscallen.	do	7.
265	do	H. Y. Carson	do	12 22 12
266	do	A. K. Chittenden	do	22
267	do	E. W. Chittenden	do	12
268	do	C. R. Clark	do	16
269	. do	K. A. Clark	do	3 41 25
270	do	T. A. Clark	do	41
271	do	L. D. Сопman	do	25
272	do	Alexander Conen		13 9
210	do	A. U. Uole		13
274		Vida L. Comms		9
210	do	TT D Corgon		18
270	do	E V Courley	do	10
770	do	Tonnia A Craig	do	10 12 7 14
270	do	A P Crathorna	do	, 7
200 100 100	do	II I. Crook	do	14
200	do	W E Cummins	do	12
282	do	Florence R. Curtis	do	1 1
283	40	A H Daniels	do	111
284	40	Inanita E Darrah	do	30
285	40	Lloyd Davis	do	110
286	- do	R. E. Davis	do	100
287	do	B. S. Davisson	do	100
288	do	E. H. Decker	do	05/
289	do	J. A. Dent	do	150
29ñ	. do	W. W. Denton	_do	100
291	do	C. G. Derick	do	1/1
292	. do	E. R. Dewsnup	do	150
293	do	J. K. Ditchy	do	86
294	do	W. F. Dodd	ldo	186
295	do	D. K. Dodge	do	111 111 300 100 55 255 120 141 155 80 166 256 256
296	do	A. B. Domonske	ldo	140
297	do	G. W. Dowrie	do	97
298	do	F. K. W. Drury	do	166
299	do	F. O. Dufour	do	166
300	do	J. C. Duncan	do	90 166 166 229
301	do	J. M. Duncan	do	ar
302	do	R. S. Dunham	do	10
303	do	Fannie Dunlap	do	90 10 55
304	do	H. H. Dunn	do	91
305	l. do	R. A. Dutcher	.do	60
				00

).	Date.	To whom.	For what.	Amou
.00	1913. May 31	H. S. Eames. E. T. Ebersol W. C. Eells W. E. Ekblaw Frederick Ellis Arnold Emch M. L. Enger. E. W. Engle N. E. Ensign L. T. Fairhall J. T. Fairhall J. A. Fairlee R. N. Fargo. S. P. Farwell E. C. Faust Mary E. Fawcett Winifred Fehrenkamp Emma Felsenthal H. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleming C. H. Fletcher G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford G. E. Frazer J. A. Frisk Edward Fulton J. W. Garner N. B. Garver Rosa-Lee Gaut W. S. Gentry, Jr H. L. Gill C. E. Gillett Hugh Glasgow E. A. Glenz H. F. Goodenough T. G. Gooden G. A. Goodenough T. G. Gooden G. R. Green Frederick Green E. B. Greene D. R. Grigg T. H. Goile G. A. Gooden G. A. Gooden G. A. Gooden G. A. Gooden G. A. Gooden D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg T. H. Guild D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. Grigg D. R. G	G-1 35 1010	8100
100	May 31	H. S. Eames	Salary, May, 1913	\$130 30 50 60 150
เกล	do	W. C. Eells	Fellowship May 1913	50
109	do	W. E. Ekblaw	Salary, May, 1913.	60
10	do	Frederick Ellis.	do	150
11	do	Arnold Emch	do	166
12	do	M. L. Enger.	do	166 30 120
13	do	E. W. Engle	do	30
14	do	N. E. Ensign	do	120
12		L. B. Ermeling	do	20 30 250
17	do	T A Fairles	do	950
18	do	R. N. Fargo	do	50 140 60 166
19	do	S. P. Farwell	do	140
20	do	E. C. Faust	do	60
21	do	Mary E. Fawcett.	do	166
22	do	Winifred Fehrenkamp	do	70
23	do	Emma Felsenthal	do	70 75 60
24	do	H. F. Ferguson	do	60
25	do	E. E. Fiero.	[do	45
26	do	E. J. Filbey	do	166
27	do	I. W. FISK	00	166 120 208
28	do	J. D. FIZ Geraid II	do	208 80
29		E. D. Flamgan		80
21	uo	V R Flaming	do	40 125
30	do	C. H. Fletcher	do	15
33	do	G. T. Flom	do	208
34	do	J. W. Folsom	. do	166
35	do	S. A. Forbes	do	41
36	do	G. S. Ford	do	250
37	do	G. E. Frazer	do	300
38	do	J. A. Frisk	do	208 166 41 250 300 91
39	do	Edward Fulton	do	175 250 150 35 100 200
40	do	J. W. Garner	do	250
341	do	N. B. Garver.	do	150
42	do	Rosa-Lee Gaut	do	35
43	do	W. S. Gentry, Jr		100
44	qo	H. L. Gill	do	200
140	do	Truch Classon	do	60
147	do	E A Glong	do	10
48	do	H F Godeke	do	120
49	do	Julius Goebel	do	270
50	- do	H. F. Gonnerman	do	10 120 270 120
51	do	G. A. Goodenough	do	250
52	do	T. G. Goodwin	do	90
53	do	W. F. M. Goss	do	500
54	do	P. S. Goulding	do	133
55	do	Bessie R. Green	do	250 90 500 133
56	do	Frederick Green	do	291 375
57	do	E. B. Greene	do	375
28	<u>q</u> o	D. R. Grigg		15 125
60	uo	Frederick Green E. B. Greene D. R. Grigg T. H. Guild J. E. Gutberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale R. G. Hall L. G. Hala	do	· 120
61	do	Alta Gwinn	do	80
65	do	G. C. Habermever	do	60 80 141 50
63	do.	H. F. Hadley	Fellowship, May. 1913	50
64	do	Stella M. Hague	Salary, May, 1913	80
65	do	H. G. Hake	do	120
66	do	W. G. Hale	do	250 120 250 30 170 250
67	do	R. G. Hall L. G. Hana Paul Hansen Sada Harbarger A. A. Harding O. A. Harker	do	30
68	do	L. G. Hana	do	170
69	do	Paul Hansen	ao	250
70	do	Sada Haroarger	00	150
71	op	A. A. Harumg	do	190
12	uo	Е С Наука	do	922
774	uo	C. M. Habbart	do	
75	do	G. W. Heitkamp	do	40
176	do	F. E. Held	do	50
77	do	W. S. Hendrix	do	85
72	do	Margaret Herdman	_do	7.5
370	do	R. W. Hess	do	30
380	do	C. K. Hewes	do	50
381	do	F. E. Hill	do	333 233 60 40 50 85 75 30 100 100 80
382	do	Faul Hailsein Faul Hailsein Sada Harbarger A. A. Harding O. A. Harker E. C. Hayes C. M. Hebbert G. W. Heitkamp F. E. Held W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. E. Hinds Wilhelm Hirshkind	do	100
383	do	M. E. Hinds	do	60
no i	do	Wilhelm Hirshkind	do	80

To.	Date.	To whom.	For what.	Amou
	1913. May 31	Jacob Hodnefield. H. C. Hohman M. A. Hollister E. E. Hollman B. R. Honovski B. S. Hopkins. J. W. Hornbeck C. R. Horrell C. F. Hottes H. A. Houston J. E. Huber H. L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James L. V. James C. E. Janvrin Alice Johnson McElroy Johnston H. S. V. Jones Isabel Jones L. T. Jones R. C. Jones R. C. Jones R. C. Jones R. T. Jones H. H. Jordan J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellogs Ruth Kelso A. J. Kempner R. E. Kennedy Ernst Kessler V. A. Ketchum Arthur Kiernan A. H. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florence M. Kirkup C. T. Knipp J. F. Kohout A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Koller A. H. Klarson H. H. Lauer T. L. Langelier E. T. Lanham L. H. Lauer T. E. Lessing O. A. Leutwiler L. L. Lillehei F. T. Lanham L. H. Lauer T. E. Lessing O. A. Leutwiler L. L. Lillehei F. C. Lincoln R. H. Linkins Simon Litman F. C. Loring C. A. Ludwig H. T. Lundquist E. B. Lytle Elies S. McCotib A. B. McDoniel Rudolph McDermet D. F. McFarland		
9385	May 31	Jacob Hodnefield	Salary, May, 1913	\$ 100 20
9386	do	H. C. Hohman	do	20
93871 0288		M. A. Hollinshead	do	40
0380	do	E E Hollman	do	229 60
9390	do	B. R. Honovski	do	60 120 100 20 208
9391	do	B. S. Hopkins.	do	120
9392	do	J. W. Hornbeck	do	100
9393	do	C. R. Horrell	do	20
9394	do	C. F. Hottes	do	208
9395	do	H. A. Houston	Fellowship, May, 1913	50
9396	do	J. E. Huber	Scholarship, May, 1913	25
9397	do	G A Tuff	Salary, May, 1913	50 250 100
0300 9990	uo	R K Hurch	do	100
9399 0400	do	Margaret Hutchins	do	75
9401	do	Edmund J. James	. do	1, 000 130 37
9402	do	L. V. James	do	130
9403	do	C. E. Janvrin	do	37
9404	do	Alice Johnson	do	70
9405	do	McElroy Johnston	do	170
9406	do	H. S. V. Jones	do	150
9407	do	Isabel Jones	do	110
9408	do	L. T. JONES.		170 150 110 88 90 160
9409	ao	Raiph Jones	ao	1 19
941U	do	D T Topos	do	14
0410	uo	H H Jordan	do	10
0412	do	I C Jordan	do	10
9414	. do	Emma R. Jutton	do	10
9415	do	J. B. Kaiser	do	100 100 100 100
9416	do	Oliver Kamm	do	6
9417	do	Eleanor G. Karsten	do	100
9418	do	C. F. Kelley	do	13
9419	do	J. M. Kellogg	do	130 140 80 130 110 60 150
9420	do	Ruth Kelso	. do	8
9421	do	A. J. Kempner	. qo,	13
9422	do	R. E. Kennedy		110
9420 0494		V A Vatahum	do	15
0425	uo	Arthur Kiernan	do	6
9426	do	A. H. Kimball	do	14
9427	do	S. F. Kimball	do	140 120 75 500
9428	do	Margaret L. Kingsbury	do	7.
9429	do	David Kinley	do	50
9430	do	Florence M. Kirkup	do	10
9431	do	C. T. Knipp	do	10 20 1
9432	do	J. F. KONOUT		10
9433 0494	do	A. D. Zrota	do	10
0435	do	E V Kratz	Scholarship May 1013	10 10 2 14
9436	do	A. C. Krev	Salary, May, 1913	14
9437	do	Jakob Kunz	-do	20
9438	do	Martha J. Kyle.	do	20 12
9439	do	E. J. Lake	do	15
9440	do	E. M. R. Lamkey	do	6
9441	do	Marion C. Landee	do	6 9 10
9442	do	W. F. Langeller		10
9443	do	E. T. Lannam		10
9444 0445		L. M. Larson		21 15
0446 0440	do	T E Laving	do	10
9447	do	E. H. Leslie	do	3
9448	. do	O. E. Lessing	do	23
9449	do	O. A. Leutwiler	do	23 20
9450	do	I. L. Lillehei	do	9
9451	do	F. C. Lincoln	do	16
9452	do	R. H. Linkins.	. do	3
9453	do	C. M. Linsley		1 .2
9454	do	B.H.O. Litman	00	18
9455 0450	ao	C A Ludwig		16 3 2 18 12 3 5
9450 7310	oo	H T Lundquiet	do	3
1626. 0450	do	E. B. Lytle	do	12
9450	do	Ellen S. McCarthy	do	13 12
9460	- do	Lois D. McCobb	.do	9
9461	do	A. B. McDaniel	do	9 20 5 15
9462	do	Rudolph McDermet	Fellowship, May, 1913	5
~ 400	1 40	D F McFarland	Salary May 1013	15

lo.	Date.	To whom.	For what.	Amou
	1913.	C. G. MacArthur Wallace Macfarlane. A. D. Mac Gillivray D. A. McInnis A. H. McLean C. W. Malcolm G. A. Maney E. J. Manley F. M. Mann F. W. Marquis O. R. Martin M. S. Mason J. M. Mathews G. H. Meyer E. B. Millard F. H. Millard G. A. Miller H. W. Miller H. W. Miller H. W. Miller C. R. Mills Brainerd Mitchell, Jr Margaret Mitchell F. W. Morpe. H. F. W. Moore O. H. Moore O. H. Moore C. H. Moore O. H. Moore O. H. Moore C. W. Morphy		
9464	May 31	C. G. MacArthur	Salary, May, 1913.	\$150 30
9465		Wallace Maciariane	Fellowship, May, 1913	30
9400 0467	do	D A McInnic	do do	208 120
9468	do	A. H. McLean	do	80
9469	do	C. W. Malcolm	_do.	80 150
9470	do	G. A. Maney	Fellowship, May, 1913	50 77 333 150
9471	do	E. J. Manley	Salary, May, 1913	77
9472	do	F. M. Mann	do	333
9473	do	F. W. Marquis	do	150
9474	do	O. R. Martin	do	110 50
1475 1476	do	M. S. Mason	Fellowship, May, 1913	120
9410 0477	do	G H Mayor	do May, 1915	133 208
3478	do	E R Millard	do	208
1479	do	F. H. Millard	do	60 110 250
480	do	G. A. Miller	do	250
481	do	H. W. Miller	do	150
9482	do	R. N. Miller	do	35
9483	do	W. S. Miller	do	35 125
9484	do	C. R. Mills	do	208
1485	do	Brainerd Mitchell, Jr	do	130
1486	00	Margaret Mitchell		130 8 60
1487 1490	00	F. W. Moniman	do	60
1400	ao	H. C. Moore. H. F. Moore. O. H. Moore. Ruby Moore. E. W. Morphy B. C. Morse. W. E. Mosher. C. M. Moss. Gertrude Moulton. C. F. Nelson. W. S. Nelson. Allan Nevins. C. R. Newell. C. E. Noerenberg. W. A. Noyes. W. A. Oldfather. H. L. Olim. T. E. Oliver. A. W. Owens. E. B. Paine. L. G. Painter. Rosalie M. Parr. S. W. Parr. Adah Patton. H. G. Paul. A. S. Pease. J. C. Pendleton. Alvah Peterson. G. W. Pickels. J. N. Pomeroy. C. M. Poorter. R. S. Potter. R. S. Potter. R. S. Potter. Anton Presil. A. L. Prickett. D. C. Prince. B. S. Radcliffe. G. H. Radebaugh. Otto Rahn. O. A. Ramdolph. W. H. Rayner. J. W. Reed. D. J. Reeman. E. J. Reece. F. W. Reed. O. F. Reiff. E. A. Rich. J. I. Rich. C. R. Richards. N. C. Ricker. J. I. Rich. C. R. Recece. F. W. Reed. O. F. Reiff. E. A. Rich. J. J. Rich. C. R. Robinson. C. W. Rolfe. S. A. Roland.	do	20
3400	do	O H Moore	do	208 110
491	do	Ruby Moore	_do	20
1492	do	E. W. Morphy	do	120 48
9493	do	B. C. Morse	do	48
9494	do	W. E. Mosher	Fellowship, May, 1913	50
9495	do	C. M. Moss	Salary, May, 1913	250
9496	do	Gertrude Moulton	do	116 100
9497	do	C. F. Nelson	do	100
1498	do	W. S. Nelson		30
9 <del>499</del>	do	C D Novell	do	80
9000 1501	do	C F Nooronborg	do	80 85 140
3501 3509	do	W A Noves	do	333
3503	do	W. A. Oldfather	do	229
9504	do	H. L. Olin	do	229 50
9505	do	T. E. Oliver	do	208
9506	do	A. W. Owens	do	30 208 120
9507	do	E. B. Paine	do	208
9508	do	L. G. Painter	do	120
3509	do	Rosalle M. Parr	do	80
7511 1010		S. W. Parr		291 83
7510		H C Poul	do	166
3512	do	A S Pease	do	208
3514	do	J. C. Pendleton	_do	208 85
515	do	Alvah Peterson	do	60
516	do	G. W. Pickels	do	130
9517	do	J. N. Pomeroy	do	183 130 130
518	do	C. M. Poor	do	130
519	do	F. M. Porter	do	130
520	do	R. S. Potter	do	50
5521	00	Allton Prasii	ao	10 43 25
1522	uo	D C Prince	Scholarship May 1012	95
524	do	B. S. Radeliffe	Salary, May, 1913	20
525	.do	G. H. Radebaugh	_do	90
526	do	Otto Rahn	do	80 90 166
527	do	O. A. Randolph	do	80
528	do	W. H. Rayner	do	110
529	do	J. W. Read	do	50
530	do	P. J. Rebman	do	80
531	do	E. J. Reece	do	80 110 50 80 150 140
1532	do	F. W. Keed		140
1033	ao	U. F. Kelli	ao	50
9034 0595	ob	E. A. Alei I T Rich	do	150
9939 0526	do	C. R. Richards	do	40 150 333 291
9000 9527	do	N. C. Ricker	do	201
9538	do	H. L. Rietz	_do	150 166 250
9539	do	W. S. Robertson	do	166
9540	do	M. H. Robinson	do	250
9541	do	C. W. Rolfe S. A. Roland	do	250 60
~ 4 ~	do	S. A. Roland	do	l 60

9543			l	l .
9543	1913.	H. O. Rugg. George Rutledge L. R. Sarett T. E. Savage Olive F. Saxton S. H. Scherfee E. C. Schmidt H. F. Schneider Clarence Scholl W. F. Schulz G. F. Schwartz F. W. Scott D. L. Scroggin G. W. Sears F. B. Seeley R. S. Seese N. C. Seidenberg A. R. Seymour J. B. Shaw Queen L. Shepherd S. P. Sherman G. A. Shook C. W. Sievert S. L. Simmering Frances Simpson G. H. Sisam W. A. Slater Adelle C. Smith Constance B. Smith G. M. Smith Frank Smith J. M. Snodgrass E. R. Spencer O. O. Stanley Joel Stewart H. H. Stoek J. W. Stewart H. H. Stoek J. W. Stewart H. H. Stoek J. W. Stewart H. H. Stoek J. W. Stewart H. H. Stoek J. W. Tanner S. C. L. Stand E. T. Strong Lillian Strong R. T. Stull Horace Stunkard E. K. Stachan E. T. Strong Lillian Strong R. T. Stull Horace Stunkard Emerson Sutcliffe A. H. Sutherland A. N. Talbot F. W. Tanner S. C. Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. W. Wale D.		
	May 31	H. O. Rugg	Salary, May, 1913	\$120
9044	do	George Rutledge	do	60
9545	do	L. R. Sarett	do	80 166
9546	do	T. E. Savage	do	166
9547	do	Olive F. Saxion	do	83 30 291 30
0540	do	E C Schmidt	do	201
9550	do	H. F. Schneider	do	30
9551	do	Clarence Scholl	do	10
9552	do	W. F. Schulz	do	166 158 183
9553	do	G. F. Schwartz	do	158
9554	do	F. W. Scott.	do	183
9555	do	D. L. Scroggin	}do	120 60 140
9556	do	G. W. Sears	do	60
9557	do	F. B. Seeley	Coholombin May 1012	140
9000 1550	do	N. C. Saidanhara	Solory Moy 1013	25
9560 9560	do	A R Saymour	do	166 187
9561	do	J. B. Shaw	do	187
9562	do	Queen L. Shepherd	do	80
$956\overline{3}$	do	S. P. Sherman	do	80 266 100
9564	do	G. A. Shook	do	100
9565	do	C. W. Sievert	do	1
9566	do	S. L. Simmering	Fellowship, May, 1913	30
9567	do	Frances Simpson	Salary, May, 1913	100 10 30 166 10 158 129 60 160
9568	do	G. E. Simpson	ao	1 10
9009 0570	do	W A Slater	do.	158
9970 0571	do	A della C. Smith	do	120
0579	do	Constance R Smith	do	160
9573	do	G. M. Smith	_do	133 200 128
8574	do	Frank Smith.	do	20
9575	do	J. E. Smith	do	12
9576	do	O. H. Smith	do	. 98
9577	do	J. M. Snodgrass	do	178
9578	do	E. R. Spencer	}do	. 50
9579	do	O. O. Stanley	do	70
9580	}do	Joel Stebbins		10
იღნი მეგт	do	D V Stoward	do	98 178 50 70 10- 58 130
9004 0593	do	C. I. Stowert	do	150
9584	do	H. H. Stoek	do	333
9585	do	J. W. Stokes	Fellowship, M v. 1913	50 333 50 130
9586	do	E. B. Stouffer	Salary, May, 1913	130
9587	do	E. K. Strachan	do	. 10
9588	do	E. T. Strong	do	98
9589	do	Lillian Strong	do	50
9590	do	R. T. Stull	do	22
9591	do	Horace Stunkard		30 80 150 333
959 <i>2</i> 0502		A H Sutherland	do	15
ดะดง	do	A N Talbot	do	339
9595 9595	do	F W Tanner	do	6
959R	do	S. C. Taylor	do	60
9597	do	W. H. Taylor	do	6
9598	do	H. R. Thomas	Fellowship, May, 1913	. 50
9599	do	C. M. Thompson	Salary, May, 1913	90
9600	do	D. G. Thompson	. do	. 4
9601	do	J. G. Thompson	do	16
9602	do	Lampert Thorp	do	10
060 9003	gao	A. J. Tieje	do	10
<del>ყ</del> 0U4 იცი⊭	de	E I Townsand	do	33
ดยดย	do	I. I. Townsend	do	10
9607	do	Edna A. Treat	do	10
9608	31ão	H. D. Valentine.	. do	. 1
9609	do	H. J. Van Cleave	do	. 6
8610	do	H. J. Van den Berg	do	. 18
9611	do	G. J. Van Zoeren	do	180
9612	do	J. N. Vedder	do	110
9613	ao	U. G. Vernier		110 29 16
9614	do	E. H. Waldo		16
0610	do	H. D. Ward		. 33
0615 0100	gao	A R Warneck	do	10
9017	ao	E W Washburn	do	56 12 18
9610	do	F. R. Watson	do	20
9620	do	H. C. P. Weber	do	15
9621	do	N. A. Wells		15

۰.	Date.	To whom.  N. A. Weston Mary M. Wetmore J. M. White J. H. Whitten E. A. Wildman C. C. Wiley C. A. Williams E. H. Williams E. H. Williams E. H. Williams F. G. Willson P. L. Windsor R. M. Winger W. J. Wohlenberg R. S. Woodward I. M. Wormser A. B. Wright Ola M. Wyeth T. D. Yensen Jacob Zeitlin Charles Zeleny J. F. Zoller J. E. Ackert F. H. Adler Josephine E. Burns Margaret V. Cobb Edna L. Forrey D. L. Geyer J. W. Good Edna L. Forrey D. L. Geyer J. W. Good E. A. Kircher P. A. Lehenbauer H. H. McGregor G. C. Mathewson L. F. Nickell A. W. Orcutt A. F. Peine C. F. C. Riley Clarissa Rinaker Irma E. Voigt P. S. Welch G. Y. Williams Alice Biester R. W. Brown D. M. Brumfel F. E. Clark Jesse L. Conel S. H. Cox E. S. Dowell D. T. Englis Ola M. J. Eskelson S. E. Fauquher S. B. Fracker Byne F. Goodman Sappho C. Graham Ruby M. Grimes Mary A. Haan Homer Hall A. C. Hanford William Hill C. E. Holley Nellie N. Hornor J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Maodonald J. E. Miles Mary A. Haan Homer Hall A. C. Hanford William Hill C. E. Holley Nellie N. Hornor J. B. Nathanson F. B. Nottelman Cornelia R. Seawell Mary M. Spangler W. A. B. Spangler W. A. Seawell Mary M. Spangler W. J. Syengele Mary M. Spangler W. J. Syengele Mary M. Spangler W. J. Syengele Mary M. Spangler W. J. Syengele Mary M. Spangler W. J. Syengele M.	For what.	Amo
	1913.			-
322	May 31	N. A. Weston	Salary, May, 1913	\$22 15 33
323	do	Mary M. Wetmore	do	1
324	do	J. M. White	do	3
$^{325}$	do	J. H. Whitten	do	
326	do	E. A. Wildman	do	18 12 12 13
27	do	C. C. Wiley	do	1
28	do	C. A. Williams	do	1 12
29	do	E. H. Williams		1 1
30	ao	Mary E. Williams		1 12
QT.	do	P. G. WillSOn	00	100
22	do	P. M. Winger	do	16 25 15
34	do	W T Wohlenherg	Followship May 1913	1 1
35	- do	P. S. Woodward	Salary May 1913	1
36	do	I. M. Wormser	do	18
37	do	A. B. Wright	do	-
38	do	Ola M. Wyeth	do	1
39	do	T. D. Yensen	do	10
40	do	Jacob Zeitlin	do	15
41	do	Charles Zeleny	do	10
42	do	J. F. Zoller	do	
43	do	J. E. Ackert	Fellowship, May, 1913	;
44	do	F. H. Adler	do	3
45	do	Josephine E. Burns	do	
46	do	Margaret V. Cobb		3
47	ao	Lona L. Forrey		. 3
48	do	D. D. Geyer	00	
49	do	F O House	do	
51	do	E A Kircher	do	1
50	do	P A Lahanhanar	do	1
53	do	H H McGregor	do	
54	.do	G. C. Mathewson	do	
55	do	L. F. Nickell	do	
56	do	A. W. Orcutt	do	1 :
57	do	A. F. Peine	do	
558	do	C. F. C. Riley	do	;
59	do	Clarissa Rinaker	do	;
60	do	Irma E. Voigt	do	
61	do	P. S. Welch	do	1
62	do	G. Y. Williams	do	
663	do	Alice Biester	Scholarship, May, 1913	
004	do	D. M. Drumfol	do	
เลล	do	F E Clark	do	1 3
67	do	Jesse L. Conel	do	
68	do	S. H. Cox	do	1 3
69	do	E. S. Dowell	do	1
70	do	D. T. Englis.	do	
71	do	Ola M. J. Eskelson	do	
72	do	S. E. Fauquher	do	
73	do	S. B. Fracker	do	
74	do	Byne F. Goodman	do	
75	do	Sappno C. Granam	ao	
76	do	Kuby M. Grimes	00	
17	o	Hary A. Haall	u0	1
70	do	A C Honford	do	
60	do	William Hill	do	
0U 01	do	C. E. Holley	do	
22	do	Nellie N. Hornor	do	
83	do	I W Howard	do	
84	do	P. W. Ivev	do	
85	do	Gretchen Lutz	do	
86	do	Janet M. Macdonald	do	1
87	do	J. E. Miller	do	1
88	do	Edna Mosher	do	
89	do	J. B. Nathanson	. do	
90	do	F. G. Norbury	do	1 :
91	do	R. H. Nottelman	. do	
92	do	Cornella R. Seawell	do	1
193	do	Mary M. Spangler		
94	do	W. A. SWenson	00	
195	do	Margaret Washington	uv	1
งกร วยบ	oo	IMARGAPEL WASHINGTON	uu	
200 200	do	A F Zucker	do	
งซอ เดด	do	Tille M Alexander	Solory Moy 1012	1
שטע	uv	THE THE ATTENDED	warmy, may, row	

To.	Date.	To whom.	For what.	Amou
	1913,			
9701	May 31	Winifred L. Amos	Salary, May, 1913	\$ 65
9702	do	Ethel Ash	do	60
97U3 0704	do	Many T. Plackwell	do	141
8704 0705	uo	T. A Rojea	do	50 125
9706	do	Tabitha I. Broadhurst	do	75
9707	do	Ina M. Brown	_do	60
9708	do	Sarah E. Bryan	do	65
9709	do	Helen I. Buckler	do	50
9710	do	Edna Clanton	do	50
9711	do	Agnes M. Cole	do	75
9712 0712	do	C. C. Crawlord	do	60
9710 0714		C F Dolton	do	150 45
9715 0715		From Durfoy	do	50
9716	do	Edith Emigh	do	65
9717	do	Frances M. Feind.	do	75
9718	do	R. I. Fieg	do	50
9719	do	Viola Fraser	do	55
9720	do	Frances G. Garwood	do	48
9721	do	Antoinette Goetz	do	65
9722	do	Elizabeth Good	do	40
9723	do	Mabel F. Griffith	do	60
9724 0795	ao	Winifred L Amos Ethel Ash. C. E. Atkinson Mary L. Blackwell L. A. Boice Tabitha J. Broadhurst Ina M. Brown. Sarah E. Bryan. Helen I. Buckler Edna Clauton Agnes M. Cole C. C. Crawford H. E. Cunningham C. E. Dalton. Franc Durfey Edith Emigh Frances M. Feind R. I. Fieg Viola Fraser Frances G. Garwood Antoinette Goetz Elizabeth Good Mabel F. Griffith Carmen Harnack Eliza Hart. C. H. Havens N. Hay Myrtle E. Heater Fred Hooker Josie B. Houchens A. H. Hull Katie L. Humrichouse Marie Jester Gertrude Johnson	do	50
9120 0700	0	C H Havans	do	35 120
9140 9797	uo	N Hav	do	166
9798	do	Myrtle E. Heater	do	55
9729	.do	Fred Hooker	do	18
9730	do	Josie B. Houchens	do	75
9731	do	A. H. Hull	do	68
9732	do	Katie L. Humrichouse	do	50
9733	do	Marie Jester	do	45
9734	do	Gertrude Johnson	do	55
9735	do	J. J. Johnson	do	45
9736	ao	J. H. Kelley		160
9737 0720	do	Aurollo V nonn	do	6
9738 0730	do	T. E. Knorr	do	140
074N	do	Allia Lamb	do	4
9741	do	A. R. Lee	do	9
9742	do	Katie L. Humrichouse. Marie Jester. Gertrude Johnson. J. J. Johnson. J. H. Kelley. Nora Kirwan. Aurella Knapp. L. E. Knorr. Allie Lamb. A. R. Lee. Louise A. Lietz. Stella Lund. C. M. McConn.	do	38
9743	do	Stella Lund	do	55 23
9744	do	C. M. McConn	do	233
9745	do	Agnes McGuirty	do	88
9746	do	Jane McMullin		8
9747	ao	L. Mae Manspeaker	do	50
0140 0140	1do	Mondo E Monolov	do	.50
0750	do	C F Millor	do	7
9751	do	Lloyd Morey	do	8
9759	do	J. A. Morrow	do	16
$975\overline{3}$	do	M. W. Murphey	do	110
9754	do	Catherine S. Oaks	do	6
9755	do	H. D. Oberdorfer	do	16
9756	do	Elizabeth C. Peel	do	7
9757	do	Louise A. Lietz. Stella Lund. C. M. McConn Agnes McGuirty Jane McMullin. L. Mae Manspeaker Jennie Mathers Maude E. Meneley C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphey Catherine S. Oaks H. D. Oberdorfer Elizabeth C. Peel. Thomas Peel F. W. Post. Harriet L. Postlewait Myrtle A. Renz. Clara A. Rickets. Nellie M. Robertson Berthas Sharp Anna L. Shepard T. J. Showers Sara M. Slater. Seartens South	do	5.
9758 1750	ao	Hamiet I. Begtleweit	do	75
7108 1760	1do	Myrtle A Rong	do	6
7761	do	Clara A. Rickets	-d0	6
762	do	Nellie M. Robertson	do	5
763	do	Bertha Sharp	do	5
764	do	Anna L. Shepard	do	9
765	do	T. J. Showers	do	12
766	do	Sara M. Slater Bertram Smith I. M. Smith	do	5
7101	uo	T 3	ao	1 40
1768 1760	do	I. M. SMITH	do	100
7108 1770	ao	Mayma I. Smith	do	\ 100   65
7771	do	O. E. Staples	do	15
7772	do	Alfred Steitz	do	7
9773	do	Sigurd Strom	do	78 88
9774	do	M. O Thompson	do	8
9775	do	I. M., Smith. Jessie A. Smith. Mayme L. Smith. O. E. Staples. Alfred Steitz. Sigurd Strom. M. O Thompson. Mary Torrance. L. J. Towne. G. P. Tuttle. Josephine Tyrrell. Lida E. Voight.	do	5
776	do	L. J. Towne	do	150
777	do	G. P. Tuttle	do	91
778	do	Josephine Tyrrell	do	48 88
וסקיקו	do	Lida E. Voight	do	8

) <b>.</b>	Date.	Lida E. White. B. L. Winchester. Alice L. Wing. H. T. Wyninger. D. O. Barto. Sleeter Bull. H. S. Grindley. Leonora Perry. H. C. M. Case. J. L. Edmonds. W. L. Gaines. L. D. Hall. W. F. Handschin. James Hutchinson. W. E. Joseph. H. W. Mumiord. F. A. Pearson. G. L. Peltier. V. A. Place. H. A. Ruehe. H. P. Rusk. H. W. Smith. L. M. Wakeley J. R. Wells. J. J. Yoke. Orr Allyn. F. C. Bauer. Isabel Bevier. J. C. Blair. R. E. Brand. W. T. Crandall. Nina B. Crigler. E. Davenport. I. W. Dickerson. H. B. Dorner. C. E. Durst. K. J. T. Ekblaw Augusta D. Evans Georgia Fleming. L. E. Foglesong. W. J. Fraser. J. J. Gardner. Cora E. Gray. A. F. Gustaison. Alice V. Hamilton. H. A. Harding. Leonard Hegnauer N. W. Hepburn. C. G. Hopkins. R. S. Hulce. M. E. Jahr O. A. Keller. L. R. Lang. J. W. Lloyd. D. McIntosh Wilhelm Miller J. G. Mosier. A. H. Nehrling. A. W. Nolan. Bessie E. Packard. H. N. Parker Mul Parson. J. V. Stevenson. J. V. Stevenson. Florence E. Smith. L. H. Smith. Grace Stevens. J. V. Stevenson.	For what.	Amou
	1913.			
780	May 31	Lida E. White	Salary, May, 1913	\$ 50
781	do	B. L. Winchester	do	48 75
782	do	Alice L. Wing	do	75
783	ao	H. T. Wyninger	do	52 166
184	do	D. O. Barto	do	166
785	do	Sleeter Bull	do	116 291 79
786	do	H. S. Grindley	do	291
700	do	Leonora Perry	do	79
700	ao	I. C. M. Case	00	41
700	do	J. L. Edmonds	00	166
701	do	W. L. Games	00	150 225 150
700	do	W. F. Handashin		150
702	do	W. F. Handschin		100
704	do	W F Legaph	ao	100 125 416 83
705	do	W. E. JOSEPH		120
706	do	E W Muncio	• do	410
707	do	F. W. Muncie		86
700	uo	C T Poltion		75 83
700	do	V A Place		83
99	uo	V. A. Flace		116
000	do	II. D. Dunde		170
เบอ	uo	H W Smith	do	178 108 100
002 002	do	I. M Wokolov	do	100
600	uo	I. M. Wakeley	do.	100
04	uo	J. D. Wells	do	8
OD:	do	Orr Allyn	do	8
000	do	E C Baner	do	196
000	do	Inchal Bayian	do	70 125 250 410
000	do	T C Plair	do	41
3U8	do	D F Brand	do	166
211	do	W. I. Burlicon	do	10
210	do	W T Crondoll	do	100
212	do	Nino B Crigler	do	100
214	do	F Davannort	do	120 500
215	do	I W Dickerson	do	15
210	do	H B Dornor	do	15 20 12
017	do	C F Duret	40	120
010	do	IZ I T Fleblane	40	15
010	do	Augusto D. Evens	do	15
ວດດ	do	Coorgio Floming	do	10
201	do	I. E Forlesong	do	10
200	do	W I Fragar	do	1 20
272	do	T T Gordner	do	12: 15: 8: 10: 10: 29: 10:
224	do	Charlotte Gibbs	do	12
825	do	Nellie E. Goldthweite	do	16
826 826	do	Cora E. Grav	do	160
227	do	A F Gustaison	do.	15
328	do	Alice V. Hamilton	do	7
329	do	H. A. Harding	do	41
330	do	Leonard Hegnauer	do	25
331	do	N. W. Henburn	do	17
332	do	C. G. Hopkins	do	41
$83\bar{3}$	do	R. S. Hulce	do	10
334	do	M. E. Jahr	. do	12
335	do	O. A. Keller.	do	. 8
336	do	L. R. Lang	do	13 26
337	. do	J. W. Lloyd	do	. 26
338	do	D. McIntosh	do	. 20
39	do	Wilhelm Miller	do	20 25
40	do	J. G. Mosier	do	. 26
341	do	A. H. Nehrling	do	. 12
342	do	A. W. Nolan	. do	12 20
343	do	Bessie E. Packard	. do	20
344	do	H. N. Parker	. do	.   20
345	do	Maud Parsons	. do	. 10
346	do	J. H. Pettit	. do	. 25
347	do	B. S. Pickett	. do	25 13
348	do	Helena M. Pincomb	. do	.   13
849	do	B. E. Powell	. do	. 19
350	do	F. H. Rankin	. do	. 25
851	do	C. O. Reed	. do	25 12 12
852	do	Harriet Rinaker	do	. 12
853	do	R. R. Root	. do	. 16
854	do	F. M. Simpson	. do	. i · 10
855	do	Florence E. Smith	. do	. 10 . 6
856	do	L. H. Smith	. do	. 25
057	do	Grace Stevens.	. do	9
001				. 4

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued}.$

0.	Date.	H. W. Stewart. Ruth Wheeler. A. L. Whitting. W. B. Gernert. J. B. Park. A. J. Gunderson. W. A. Ruth. O. S. Watkins. J. P. Aumer. L. R. Binding. R. W. Dickinson. F. A. Fisher. F. W. Garrett. S. V. Holt. E. E. Hoskins. Oran Keller. W. R. Leighty. C. C. Logan. Gertrude Neiderman. W. H. Sachs. E. Van Alstine. F. W. Wascher. H. C. Wheeler. J. E. Whitchurch. John Woodard. Lucy M. Barto. O. G. Atkinson. Roy Argo. Ben Durman. Mrs. Princess Dunn Ralph Engle. George Noe. Lawrence Nesbit. H. E. Moore. Lawrence Nesbit. H. E. Moore. Lizzle Reynolds. Louise Redman. Elizabeth Pulling. Lizzle Shue. J. F. Smith. Elmer Varner. F. W. Wilson. Rob Cook. M. J. Conley. Lawrence Engle. H. E. Crouch. Anna Crathorne. W. J. Engle. Amelia Feldkamp. Mabel Halliday. Earl Garver. Marjorie H. Gage. George Mink. H. C. Lawson. A. F. Krueger. Garfield Jones. Lillian Poll Fred Pine. J. P. Patterson. J. D. Mink. Ethel Sharp. Otto Schwartz. Cornelius Stocker. W. H. Steven. E. J. Brown. C. F. Brown.	For what.	Amou
	1913.			
9859	May 31	H. W. Stewart	Salary, May, 1913	\$150 133
9860	do	Ruth Wheeler	do	133
9861	do	A. L. Whitting	do	12 12
9862	do	W. B. Gernert	do	123
1863	do	J. B. Park	do	150
864	do	A. J. Gunderson	do	8
865	do	W.A. Ruth	do	125 150
1800	ao	O. S. Watkins	do	150
1807	do	J. P. Aumer	do	150
808	do	L. R. Binding.		70
608	do	R. W. Dickinson		1 4
187.0		F. A. FISHER		8
1071		g v mallett		150 150 150
1014	do	F F Healring	do	15
074		Oran Vallar	do	10
075	do	Uran Kener		10
1010 1076	do	C C Logon	do	10 15 10
1010	do	Contrado Noidormon	do	10
1011	Jdo	W II Cooks	do	10
1010	do	W. H. Bachs	do	12 15 8
1000	do	F W Weesher	do	10
1881	do	H C Wheeler	do	15
1889	do	IT E Whitehurch	do	150 70 2
1223	do	John Woodard	do	7
1884	do	Lucy M Borto	Wagas May 1013	9
1885	do	O G Atkinson	do	4
886	do	Roy Argo	do	5.
887	do	Ben Durman	do	5 4
888	do	Mrs. Princess Dunn	do	ı î
889	do	Ralph Engle	do	. 2
890	do	George Noe	do	4
891	do	Lawrence Nesbit.	do	5
892	do	H. E. Moore	do	5
893	do	Lizzie Reynolds	do	4
894	do	Louise Redman	do	50
89.	do	Elizabeth Pulling	do	6
898	do	Lizzie Shue	do	3 6 4
897	do	J. F. Smith	do	6
898	do	Elmer Varner	do	4
899	do	F. W. Wilson	do	3
900	do	Stanley Wilkins	do	4
901	do	G. W. Beardsley	do	5
1902	do	M. R. Carlson	do	5.
903	do	Rob Cook	do	4
1904	do	Jesse Cook	do	5. 7.
905	do	M. J. Conley	do	7:
906	do	Lawrence Engle	do	2
9907	' do	H. E. Crouch	do	11
908	do	Anna Crathorne	do	5
909	do	W. J. Engle	do	11. 5. 6.
910	do	Amelia Feldkamp	do	4
911	do	Mabel Halliday	do	6
912	do	Lari Garver	do	6
913	do	Marjorie H. Gage	do	6
914	do	George Mink	a0	4
915	do	H. U. Lawson	do	5 6
916	do	A. F. Krueger	ao	6
917	do	Garneld Jones		5
918	Jdo	Lillian Poll		5
1916	ηαο	Fred Fine		7
192(	Jdo	J. F. Fallerson	uo	4
192]	J00	D. MIIIK	u0	4
1922	00	Otto Cobwents	do	4 4 6
1920 100	do	Cornelius Steeler	do	8
1024 100	do	W H Storong	do	. 5
หมาย	Juo	Torotto White	do	0
100°	do do	W F Campbell	do	6
1000	Jdo	W W Vonn	do	3
7575 1000	do	Elizabeth Truin	do	1 1
1037 1037	do	E I Brown	. do	1.
3021	do	C F Brown	do	4
2030	odo ldo ldo	Cornelius Stocker W. H. Stevens Loretto White. W. F. Campbell W. W. Yapp Elizabeth Truin E. J. Brown C. F. Brown James Boswell Parth Burt	.do	3
9033	do	Ruth Burt	do	9
393	do do	C. F. Burge	do	2
103	do	James Boswell Ruth Burt C. F. Burge I. F. Burdick Mamie Bunch Mildred Buckles	do	1 7
7036	dodo	Mamie Bunch	do	4.6
			1	1 4
393	/Ldo	Mildred Buckles	1d0	l h

No.	Date.	To whom.	For what.	Amour
	1913. May 31 do	·		
19938	May 31	Hazel Cover	Wages, May, 1913	\$60 45
19939	do	Ethel Clark	do	45
9940	do	L. Donohue	do	55
9941	do	G. Donohue	do	50
00/2	00	Pagel Cunningham	d0	50 70 28 50 40 55 50 83 40 60
0044	uo	T P Crowford	do	28
9945	do	Margaret C. Foss	do	1 30
9946	do	Harley Foor	-do	55
9947	do	William Heath	do	50
9948	do	W. L. Harry	do	83
9949	do	Claude Harrolle	do	40
9950	do	H. C. Gilkerson	do	60
9951	do	Marion B. Gallaher	do	40
9952	do	Wm. Hough	do	83
9953	ao	A. F. Heck	do	50
0055	ao	Earl Meenach		40 83 50 60
0056	uo	Sadio Topos	do	10
0057	uo	Flmar Iankine	do	60
9958	do	H. Pritchard	do	65
9959	do	Russell Orrill	-do	10 50 60 65 32
9960	do	James O'Brien	do	50
9961	do	Harold Mount	do	50
9962	do	Hazel Cover Ethel Clark L. Donohue G. Donohue Emma L. Custer Pearl Cunningham T. P. Crawford Margaret C. Foss Harley Foor William Heath W. L. Harry Claude Harrolle H. C. Gilkerson Marion B. Gallaher Wm. Hough A. F. Heck Earl Meenach Winnired McIntosh Sadie Jones Elmer Jenkins H. Pritchard Russell Orrill James O'Brien Harold Mount M. D. Rose Elmer Roberts	do	$ \tilde{52}$
9963	do	Elmer Roberts	do	50
9964	do	Hazel Rhoades	do	60
9965	do	Russell Orrill James O'Brien Harold Mount M. D. Rose Elmer Roberts Hazel Rhoades Olive G. Reid Rayer A. J. Stoneburner D. C. Sprinkle Phillip Walters Chester Turner Andrew Tornquist Freda O. Stricklan Ralph Chaplin W. L. Bennett B. W. Dunlap Edward Brown W. T. Craig Fred Hawkins L. A. Hunter H. D. McQueen Will Patterson P. O. Moore. Alpha Tornquist J. C. Anderson C. A. Campbell A. E. Burwash C. C. Chapman Harrison Fahrnkopf O. I. Ellis T. Fullenwider F. W. Gault Mary Millar W. A. McIntire John Lankford J. R. Kelley G. L. Rigg Alice Reed R. S. Smith Frank Sanders L. F. Frizell Arthur Semple J. W. Du Hamel Evelens Bowen R. F. Frakel F. W. Du Hamel Evelens Bowen R. F. Frakel Evelens Bowen R. F. Harvey C. H. Rehling W. W. Deters	do	50 50 52 50 60 50
9966	do	Ralph Pritchard	do	60
9967	ao	Guy Shaffer	do	50
9968	do	Clint Sayer		50 35 50
0070		D C Sprinkle	do	50
0071	do	Dhillin Walton	do	50 75 50 75
0072	do	Chaster Turner	do	50
0073	do	Andrew Tornauist	do	75
9974	do	Freda O. Stricklan	do	. 65
9975	do	Ralph Chaplin	do	60
9976	do	W. L. Bennett	do	65 60 60
9977	do	B. W. Dunlap	do	55
9978	do	Edward Brown	do	45 83
9979	do	W. T. Craig	do	83
9980	do	Fred Hawkins	do	45
9981	do	L. A. Hunter		70 45 47
0002		Will Detterger	do	40
0000	do	P O Moore	do	45
9985	do	Alpha Tornauist	do	25
9986	do	I. C. Anderson	do	65
9987	do	C. A. Campbell	do	25 65 60
9988	do	A. E. Burwash	do	55
9989	do	C. C. Chapman	do	83
9990	do	Harrison Fahrnkopf	do	55 83 60 60
9991	do	O. I. Ellis	do	60
9992	do	T. Fullenwider	do	55 80 65 50 60 52 40
993	do	F. W. Gault	ao	80
1002	op	Mary Millar		65
2006 2006	ao	Tohn Longford	do	50
3007	uo	T P Wallay	do	UU
1998	do	G L Rico	do	40
9999	do	Alice Reed	-do	50
0000	do	R. S. Smith	do	52
0001	do	Flora M. Sims	do	52 83
0002	do	Frank Sanders	do	50
0003	do	L. F. Frizell	do	40
0004	do	Arthur Semple	ao	24
JUU5	ao	J. W. DuHamel	do	24 32 23
JUU6	go	Evalena Bowen	00	23
0007	do	K. F. Harvey	00	14
NOON	uo	W W Potors	do	92
0008	uo	T. M Anger	do	90
0010	do	R L Rowling	do	20 70
0015	do	I. K. Tuthill	do	10
0013	do	Florence Stoutzenberg	-do	70 19 25
0014	do	Evalena Bowen R. F. Harvey C. H. Rehling W. W. Peters L. M. Apgar B. L. Bowling J. K. Tuthill Florence Stoutzenberg C. E. Ping Robert Wilford C. A. Patton	do	14 22 27
		Robert Wilford	do	22
00151	uo			

Vo.	Date.	W. M. Sheldon. E. J. Wilford. K. A. McCaskill. C. G. Cox. H. B. Ingalls Wm. C. Deiss Della Rogers Burt Hays. W. M. Goodspeed. A. A. Odell. M. E. Slater F. H. Kelley W. W. Trimble. R. A. Eaton. John Snyder Ben L. Reed. A. U. Moran. Frank Irvine James Irvine James Irvine W. G. Hixon. Edward Hargan. Samuel Hanson. Frank Irvine James Irvine W. G. Hixon. Edward Hargan. Samuel Hanson. Frank Fogarty Wm. Fogarty Wm. Fogarty Wm. Fogarty M. Campbell. Clyde Hawkins. Mary M. Moss. F. A. C. Smith R. L. Bentley H. J. Snider R. L. Hegnauer B. M. Kisselburg H. E. Walworth D. Vauble. R. C. Cunningham W. R. Gahan M. Ressler W. A. Hooker E. B. Shaw T. W. Dieckmann Bertha G. States W. E. Childs. Lloyde Schwartz Ethel Berlin Geo. F. Paulen L. S. Baldwin M. C. Weaver Ray W. Wilson J. E. Shipley Geo. H. Reily Florence Nyberg H. J. Syndey Geo. H. Reily Florence Nyberg H. J. Syndey Geo. T. Smalley C. E. Malage G. W. Porter Dalsy Swearingen E. R. Berbaum G. F. Smalley C. E. Mattoon C. I. Newlin E. F. Lyons T. P. Lyons Geo. Taylor Geo. Schiff Ralph Smith	For what.	Amour
	1913.			
0017	May 31	W. M. Sheldon	Wages, May, 1913	\$ 27 27 25
0018	do	E. J. Wilford	do	27
0019	do	K. A. McCaskill	do	25
0020	do	C. G. Cox	do	16 60
0021	do	H. B. Ingalls	do	60
0022	do	Wm. C. Deiss	do	11
0023	do	Della Rogers	do	40
0024	do	Burt Hays	do	72
0025	do	W. M. Goodspeed	do	40 72 83
0026	do	A. A. Odell	do	29 27 15
0027	do	M. E. Slater	do	27
0028	do	F. H. Kellev	do	15
0029	do	W. W. Trimble	do	50
030	do	R. A. Eaton	do	52
0031	do	John Snyder	do	52 51 49
1032	do	Ren L. Road	do	1 40
ากรรั	do	A II Moren	do	59
JU34	do	Front Invino	do	63
0035	do	Tomos Trvina	do	60
0099		W C Tiven	do	53 49
2027		W. G. HIAUH	do	. 58
1000		Luwaiu Hargall	do	61
0000		Emanta Forester		01
1039		Frank Fogarty	uo	51
1040	ao	wm. rogarty		52 51
JU41	ao	M. Campoell		51
JU42	do	Clyde Hawkins	ao	51
0043	do	Mary M. Moss	do	25
0044	do	F. A. C. Smith	do	125
0045	do	R. L. Bentley	do	25 125 12
0046	do	H. J. Snider	do	27
0047	do	R. L. Hegnauer	do	27 19 13 24
0048	do	B. M. Kisselburg	do	13
0049	do	H. E. Walworth	do	24
0050	do	D. Vauble	do	52 38
0051	.do	R. O. Cunningham	do	38
0052	do	W. R. Gahan	do	33
0053	do	M. Ressler	do	33 114
0054	do	W. A. Hooker	do	55
0055	do	E. B. Shaw	do	55 12 33 50
0056	do	T. W. Dieckmann	do	33
0057	do	Bertha G. States	do	50
0055	do	W E Childs	do	81
nnsa	do	Lloyde Schwartz	do	60
กกรก	40	Ethal Barlin	do	21 32 43
กกลา	do	Coo F Poulon	do	25
0001		T. C. Roldwin	do	19
000 <i>2</i>		M. C. Wasser	do	48
0000		Des W Miles		40
0004		Ray W. Wilson		100
<b>0005</b>	qo	G. T. D	uu	65 12 72
OOOO	ao	D. Demonds		1 62
<b>UU</b> 67	αο	k. rergende	ao	85
0002	do	Marie A. Gordon		85 50 40
UU69	do	C. A. Brumley	ao	40
UU70	do	Florence Nyberg		50
0071	do	H.J. Vanderveek	. qo	81
0072	do	S. T. Wallage	do	22
0073	do	G. W. Porter	. do	60 50 70
0074	do	Daisy Swearingen	. do	50
0075	do	E. R. Berbaum	. do	70
0076	do	G. F. Smallev	. do	37
0077	do	C. E. Mattoon	.do	49
0078	do	C. I. Newlin	. do	37 49 75
0079	May 27	E. F. Lyons	Dairy products furnished depart-	1 "
			ment of dairy husbandry.	1
กดลก	do	T. P. Lyons	1-d0	l é
0081	do	Geo. Taylor		) š
บบธง	do	Geo Schiff	do	
000 <u>2</u>	do	Ralph Smith	do	6
NOON	do	T H Racora	do	1 6
บบซ4 กกจะ	uo	Geo. Taylor. Geo. Schiff. Ralph Smith I. H. Besore. P. P. Dunn. H. Wascher. D. W. Shiveley. Geo. Herriott. John Ridgeley. Wm Brown. Z. C. Keene. C. J. Gillespie.		2
0000	ao	T Washen		1 2
0086	do	H. Wascher		ا ا
UU87	qo	D. W. Sniveley	. qo	1 6
0088	do	Geo. Herriott	. do	9
0089	do	John Ridgeley	. do	3 5 2 2 2 2 3 6 9 2 4
0090	do	Wm. Brown	do	4
0091	do	Z. C. Keene	. do	4
	1 40	C T Gillagnia	oh	1 4

0093 0094 0095 0096 0097 0098 0099 0100 0101 0102 0103 0104 0105	1913.  May 27  .dodododododododododododododo	L. F. Bialeschki.  B. Jordan C. Ross. T. F. Jordan. G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green S. T. Carter J. R. Hightower Len Rayburn John Rueb. C. R. Sinclair A. P. Kelley A. O. Magnuson A. L. Bevis. F. Cunningham V. R. Barnes Chas. Hill Wm. Templin M. C. Booher Ethel V. Manley Edith Jay Pete Davis J. E. Bailey C. E. Arrington Joseph Davis. F. Crathorne Basil Brown Harry Brown Harry Brown D. M. Bullock Thos. Butler John Ceduskey E. P. Dibble John Ceduskey E. P. Dibble John Ceduskey E. P. Dibble John Frannigan J. J. Herbert R. D. Hull C. Y. Freeman W. H. Graybeal Sell Hamlin T. F. Harper T. O. Henderson S. J. Farlow Thos. J. Fay Fred Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie Fender Louie	Dairy products furnished department of dairy husbandrydododododododo.	\$ 2 5 4 8 9
0094 0095 0096 0097 0098 0099 0100 0101 0102 0103 0104 0105	do	L. F. Bialeschki B. Jordan C. Ross. T. F. Jordan G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green B. T. Carter J. R. Hightower	Dairy products furnished depart- ment of dairy husbandry do	\$ 2 5 4 8
0094 0095 0096 0097 0098 0099 0101 0102 0103 0104 0105	do	B. Jordan C. Ross. T. F. Jordan G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green S. T. Carter J. R. Hightower	do	\$ 4 8
0095 0096 0097 0098 0099 0100 0101 0102 0103 0104 0105	.do	C. Ross. T. F. Jordan G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green S. T. Carter J. R. Hightower	.do	4 8
0096 0097 0098 0099 0100 0101 0102 0103 0104 0105	. do do do do do do do do do do do do do do do do	T. F. Jordan G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green S. T. Carter J. R. Hightower	do	8
0097 0098 0099 0100 0101 0102 0103 0104 0105	dododododododo	G. W. Miller W. A. Ashworth J. P. Yeasel Hardin Green S. T. Carter J. R. Hightower	.do	
0098 0099 0100 0101 0102 0103 0104 0105 0106	dodododododododododo	W. A. Ashworth. J. P. Yeasel. Hardin Green. S. T. Carter. J. R. Hightower.	do do	9
100 101 102 103 104 105 106	dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododod	J. F. Teasei Hardin Green S. T. Carter J. R. Hightower	do	2 3
101 102 103 104 105 106	dodo	S. T. Carter		5 5
102 103 104 105 106	do do	J. R. Hightower	COO	4
103 104 105 106	do		do	3
104 105 106	do	Len Rayburn	do	3
106		John Rueb	do	4
107	May or	A D Kallay	wages, May, 1913	54 28
	do	A. O. Magnuson	-do	80
108	do	A. L. Bevis.	do	24
109	do	F. Cunningham	do	110
1110	do	V. R. Barnes	do	85 37
1112	do	Unas. Hill		37
113	do	M. C. Booher	-do	66
114	do	Ethel V. Manley	do	56
115	do	Edith Jay	do	39
1116	do	Pete Davis	do	14
1110	do	J. E. Balley		58 61
1119	do	U. P. AITHISION	do	61 69
120	do	F. Crathorna	do	79
121	do	Basil Brown	do	79 70
122	do	Harry Brown	do	57
123	do	D. M. Bullock	do	58 63
1124	do	Thos. Butler	00	63
1126	uo	F P Dibble	do	72 69 46 75
127	do	John Brannigan	do	46
128	do	J. J. Herbert	do	75
0129	do	R. D. Hull	do	15
)130 )131	do	C. Y. Freeman	do	58 61
1132		W. H. Gray Deal	do	50
0133	do	T F Harnar	do	58
0134	do	T. O. Henderson	do	101 17 93
0135	do	S. J. Farlow	do	17
1136	do	Thos. J. Fay	do	93
0138	do	Fred Fender	. do	82 67 53
0139	do	I I Fiscus	do	53
0140	do	Rebecca Morgan	do	41
0141	do	Ruthe Murphey	do	56 75
1142	do	J. R. Newton	. do	75
1140	do	Jacop Mikolaus	. 00	61
0145	ao	I. F. Purkins	do	54
146	do	F. M. Perry	do	54 61
)147	do	Ed. Richards	. do	98
1148	do	Mary Ryan	. do	41
1149	do	A. Servis		61 58
1151	ao	Morgoret Tones	do	58
152	do do	Margaret Jones E. W. Justus A. Langhoff Fred Langhoff	do	41 108 80 59
0153	do	A. Langhoff	do	80
154	do	Fred Langhoff	do	59
1155	do	E. C. Lewis	. do	68
0150 0157	do	Thos Long	do	58 78
0158	do	A. J. McAlister	do	70
0159	do	Jas. McCullough	. do	70 48 61
0160	do	Ed. Wharmby	. do	61
0161 0162	do	Wm. Wilde	. do	90
0169 0169	do	Fred Langhoff E. C. Levis A. C. Litton Thos. Long A. J. McAlister Jas. McCullough Ed. Wharmby Wm. Wilde Ralph Swearingen Frank Wilson Frances McClughen Ora McGhee	. do	28 3' 4
0164	do	Frances McCluchen	-	1 3
0165	do .	Ora McGhee	do	1 1
0166	3 do	H. H. Mahorney	. do	15 58 68
20167	do	Frances Meunghen Ora McGhee H. H. Mahorney O. E. Meenach Nathan Meltz Dan Meneely Jesse Meyers	. do	. 68
20168 2016	do	Nathan Meltz	. do	1.
2010: 2017:	]do	Lan Meneely	- 00	66

0.	Date.	C. M. Miller.  I. F. Tillotson. Geo. Toy. Geo. Toy. Geo. Turner. Phillip Udinskey. F. M. Van Natter. P. T. Walters. August Warmbier. Frank Stateler. Rolla S. Carson. B. F. English. Russell Ensor. Herman Fechtruph. V. S. Glenn. T. F. Franklin. G. C. Griffin. Harry Higgens G. W. Boyer. John Begley. F. F. Hoover. P. S. Jeffers. C. C. Johnson. J. A. Klein. William Langhoff. Myra Warner. W. J. Smith. Guy Fox. W. H. Clark. Howard Downing. J. E. Morgan. A. J. Booker. Martin Sandwell. United States Bureau of Statistics. Neostyle Co. The Whitaker Paper Co. Sears, Roebuck & Co. Sloan Valve Co. The Whitaker Paper Co. Sears, Roebuck & Co. Sloan Valve Co. The Whitaker Paper Co. The Standard Calorimeter Co. A. J. Nystrom & Co. A. J. Nystrom & Co. Albert Wuesteman. The Williams & Anderson Co. C. S. Hill The Rural Educator Co. A. S. Nelson & Sons. Riley Optical Instrument Co. C. S. Hill The Rural Educator Co. A. S. Nelson & Sons. Riley Optical Instrument Co. C. M. Whitney Wisconsin Foundry & Machine Co. Williams H. Rau C. C. Short. Standard Cap & Seal Co. The Parker-Russell Mining & Mig. Co. Frank Price, Contractor Williams Bros U. S. Reduction Co The American Federation of Arts. G. W. Sheldon & So. Peck & Hills Furniture Co Ralph Hils Furniture Co Ralph Hilscher. H. F. Ferguson. National X-Ray Reflector Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & Co. G. E. Stechert & C	For what.	Amou
	1913.			
)171	May 31	C. M. Miller	Wages, May, 1913	\$ 52
172	do	I. F. Tillotson	do	64
1174	do	Coo Turnor	do	59 59
1175	do	Phillip IIdingkov	do	20
176	do	F. M. Van Natter	do	ii
177	do	P. T. Walters	do	17 61
178	do	August Warmbier	do	61
179	do	Frank Stateler	do	72
180	do	Rolla S. Carson	do	61
)181	do	B. F. English	do	55
1182	do	Hormon Fochtmanh	do	51 56
1100	do	V S Glann	do	50
1185	do	T F Franklin	do	52 52
186	do	G. C. Griffin	_do	58
0187	do	Harry Higgens	do	58 25
188	do	G. W. Boyer	do	64 25
)189	do	John Begley	do	25
)190	do	F. F. Hoover	do	51
1191	do	P. S. Jeffers		58
)192 )102	do	T A Flain	do	58 61 69
,193 110.⁄	do	William Langhoff	do	63
)195	do	Myra Warner	do	60
)196	do	W. J. Smith	do	60 115
197	do	Guy Fox	do	79
0198	do	W. H. Clark	do	95 63 38
0199	do	Howard Downing	do	63
0200	do	J. E. Morgan	do	38
0201	do	A. J. Booker	do	92
)202		Martin Sandwell of Ctatistics	Dullating	88 88 16 7 1
J203	May 28	Mosetyle Co	Bulletins	1 8
0209 0905	do	The Whiteker Pener Co	Paner	16
1208	do	Sears, Roebuck & Co.	Putty	1 7
0207	do	Sloan Valve Co.	Diaphragms	l i
0208	do	The Standard Calorimeter Co	Hydrone	15
0209	do	A. J. Nystrom & Co	Maps	24
0210	do	Albert Wuesteman	Medals	21
0211	do	The Williams & Anderson Co	do	999
0212	do	C. S. Hill	Tuning planos	1 2
0216	do	A S Malgon & Song	Crossing	1 5
0215 0215	do	Rilay Ontical Instrument Co	Slidge hoves	1 3
0216	do	C M Whitney	Photos	24
0217	. do	Wisconsin Foundry & Machine Co	Gates	24
0218	do	William H. Rau	Slides	2
0219	do	C. C. Short	Horse shoeing	.  8
0220	do	Standard Cap & Seal Co	Payment and rental	12
0221	do	The Parker-Russell Mining & Mfg. Co	Bricks	12
0222	do	Frank Price, Contractor	Labor	31
022	αο	W IIIIams Bros	Aluminum	57
0224	do	The American Federation of Arts	Rook	) 5;
0 <i>22</i> 0 022	do	G. W. Sheldon & Sc	Fees and charges	60
022	ddo	Peck & Hills Furniture Co	Tables.	79
0229	do	The Frank Shepard Co	Subscription	78
0229	do	Remington Typewriter Co	Machines	178
0230	do	Whiting Paper Co	Paper	. 79
0231	do	Racine-Sattley Co	Planter	. 29
0232	:do	Raiph Hilscher	Expenses	.  10
0233	do	H. F. Ferguson	do	. 16
0234	do	National X-Ray Reflector Co	Supplies	200 26' 13:
0236 0236	guo	G E Stechart & Co	do do	13
023′ 023′	de	Reliable Plumbing & Heating Co	Supplies	120
0239	do	Leavitt Mfg. Co.	- do	144
0239	do	Department of Chemistry	. do	144 134
0240	do	Standard Oil Co	Oil	. 6'
024	do	Flanigan-Pearson Co	Printing	359
0242	do	O'Byrne Transfer & Storage Co	Service	- 1
0243	do	National Engraving Co	Etchings	6
U244	do	L. H. Sargent & Co	Laboratory supplies	- 6
U245	gdo	C. C. Willia & Bros. Typewriter Co	Dangeds	1: 9:
U240	Jao	Oldham Bros	Drug gunnlies	. 9
U44	Juo	The Saffell Co	Hardware	2

UNIVERSITY OF ILLINOIS.

0.	Date.	To whom.	For what.	Amou
	1913.	Wesley Wilson E. R. Martin Charles Warriner T. E. O'Donnell R. M. Stevens J. W. Lowe J. F. Long C. Q. Nelson U. G. May Orval Snook C. A. Surbaugh L. M. Stearns G. W. Salisburg A. M. Bagusin Julius Goebel, Jr C. E. Myers Olive Paine Isabella Anderson Lucile Cravens W. E. Britton Eleanor Hubbard H. T. Wood H. G. Atkinson F. C. Hare E. U. Rugg		
250	May 28	Wesley Wilson	Wages, May, 1913	\$ 92
251	do	E. R. Martin	do	10 11 28 16
252	do	Charles Warriner	do	11
253	do	T. E. O'Donnell	do	28
254	do	R.M. Stevens	do	16
255	do	J. W. Lowe	do	52 52 52 52 49 52
256	do	J. F. Long	do	63
257	do	C. Q. Nelson	do	52
258	do	U. G. May	do	52
259	do	Orval Snook	do	49
260	do	C. A. Surbaugh	[do	52
261	do	L. M. Stearns	{do	61
262	do	G. W. Salisburg	do	11
263	do	A. M. Bagusin	do	15 12 17
264	do	Julius Goebel, Jr	do	12
265	do	C. E. Myers	do	17
266	do	Olive Paine	do	22
267	do	Isabella Anderson	do	15
268	do	Lucile Cravens	do	15 14 29
269	do	W. E. Britton	do	29
270	do	Eleanor Hubbard	do	24
271	do	H. T. Wood	do	24 19
272	do	H. G. Atkinson	do	12
273	do	F. C. Hare	do	28
274	do	E. U. Rugg	do	29
275	do	H. T. Wood. H. G. Atkinson. F. C. Hare. E. U. Rugg. E. O. Fontaine. Frances E. McClughen J. Rachwalski F. A. Kirkpatrick Verna A. Manley K. E. Rockhold. Otis Wood. R. R. Danielson W. L. Howat. J. M. Lindgren G. F. Sutherland F. H. Colyer Grace J. Maxwell H. M. English Minnie E. Watson Chas. Gundlock J. H. Vandiventer Marion E. Sparks. Amos Wright F. A. Ferris G. E. Wright A. Bevis. E. H. Miller Andrew Shields. S. Kaufman & Co. W. J. Kelley	do	28 13
276	do	Frances E. McClughen	do	14 60
277	do	J. Rachwalski	do	60
278	do	F. A. Kirkpatrick	do	
278 279	do	Verna A. Manley	do	31
280	do	K. E. Rockhold	do	7
281	do	Otis Wood	do	60 21 31 7 28 23 26 125 21
282	do	R. R. Danielson	do	23
283	do	W. L. Howat	. do-	26
284	do	J. M. Lindgren	do	125
285	do	G. F. Sutherland	do	21
286	do	F. H. Colver	do	
287	do	Grace I. Maxwell	do	60
288	do	H M English	do.	13
289	do	Minnia E. Watson	do.	18
290	đó	Chas Gundlock	do	78 60 13 18
291	do	I. H. Vandiventer	do	91
292	do	Marion E. Snarks	do	29 88 65
293	do	Amos Wright	do	88
294	do	F. A. Ferris	do	65
295	do	G. E. Wright		76
296	do	A. Bevis	do	148 1(
297	do	E. H. Miller	Expenses	10
202	do May 29	Andrew Shields	Dairy products furnished depart-	
200	may 20	andrew photos	ment of dairy husbandry	
299	do	S Kaufman & Co	do	į
300	. do	W. J. Kelley	do	4 5
301	do	W. E. Hever	do	2
302	do	C. C. Rayburn	do	
รักรี	do	L. P. Rayburn	do	
304	.do.	J. E. Hanev	. do.	
กับร	do	S Herriott	do	3 3 3 4
SOR	do	F. H. Busay	do	1 2
207	do	C. C. Gordon	do	
305	do	C A Richman	do	
sna	do	I B March	do	
310	do	E. M. Frankenherg	do	
211	do	W E Womacks	do	3
210	o.	W D Rohl	do	É
212	do	W T Wilson	do	
214	do	H Charry	do	3
215	do	M Taigh	do	3
216	do	I A R Koch	do	2
17	do	Nicholas Hahn	do	5
218	do	M Charry	do	
210	do	John Cornett	do	9
330	do	C. M. Von Mater	do.	6
201	uo	F W Howell	do	9
200	uo	Dovid Hohn	40	2
222	uu	Andrew Shields.  S. Kaufman & Co. W. J. Kelley W. E. Heyer C. C. Rayburn L. P. Rayburn J. B. Haney S. Herriott F. H. Busey C. C. Gordon C. A. Richman J. B. Marsh E. M. Frankenberg W. E. Womacks W. D. Womacks W. D. Rohl W. J. Wilson H. Cherry M. Leigh J. A. R. Koch Nicholas Hahn M. Cherry John Cornett C. M. Van Meter F. W. Howell David Hahn E. R. Canady T. A. McCracken Grant Freeman T. M. Ghere Fred Krukewitt	uv	5 3 3 2 5 11 3 3 6 5
204	ao	T. A. McCroolson	uo	17
224		Cront Process	uv	3
	00	Grant rreeman	ao	3
200	al a			

Го.	Date.	To whom,	For what.	Amou
	1913.			
0328	May 29	W. E. Yount.  Pearl Hazen. H. J. Moorehouse. I. T. Webb. C. A. Fogel. W. W. Herriott. J. M. Herriott. Frenk Fronk Fronk	Dairy products furnished depart-	
1220	ala:	Doord Hogon	ment of dairy husbandry	\$ 7 5
1329	ao	H I Moorehouse	do	0
331	do	I. T. Webb	-do	3
332	do	C. A. Fogel.	_do	3
333	do	W. W. Herriott	do	5
334	do	J. M. Herriott	do	5
1336 1336	ao	H C Ventmen	do	4
337	do	W. H. Frame	do	3
338	do	M. Hudson	do	ä
339	do	J. H. Schwengel	do	5
340	do	O. A. McInness	do	2
1341	do	K. S. McInness	do	3
343	do	Fred Thompson	do	9
344	do	E. Grove.	do	5
345	do	A. W. McDaniels	do	. 1
346	do	E. J. Percival	do	2
1347 1348	00	W. H. Webb	do	2
349	do	A. J. Putscher	do	4
350	do	C. A. Fogel. W. W. Herriott. J. M. Herriott. Frank Knox. H. C. Kaufman. W. H. C. Kaufman. W. H. Frame. M. Hudson. J. H. Schwengel. O. A. McInness. R. S. McInness. R. S. McInness. J. E. Henderson. Fred Thompson. E. Grove. A. W. McDaniels. E. J. Percival. W. H. Webb. G. C. Gordon. A. J. Putscher. David Wilkin. W. Dodson. G. F. Diefenbach. R. A. Lumsden. R. T. Lumsden. R. T. Lumsden. L. F. Lindsey. W. F. Hampton. L. F. Lindsey. J. F. Hoy W. F. Hampton. L. F. Lindsey. J. W. Cavanaugh. J. H. Gordon. W. C. Welch. Illinois Central R. R. Co. Carl R. Ohlin. S. L. Gunther. Fred E. North The Coast Products Co. Eisner Grocery Co. R. C. Wagner & Son. A. J. Warren Brush Co. 20th Century Press Clipping Bureau. Twin City Creamery Co. F. A. Fisher. H. W. Stewart F. D. Voris & Sons Co. Twin City Feed Mill & Coal Yard Westinghouse Electric & Mfg. Co. A. A. Harding. Albert Penick. The Julia F. Burnham Hospital.	do	433544433590359100051100044333444044
351	do	W. Dodson	do	3
352	do	G. F. Diefenbach	do	4
1353	do	R. A. Lumsden	do	
1355	do	I F Hov	do	9
0356	do	W. F. Hampton	-do	4
357	do	L. F. Lindsey	do	1
358	do	P. J. Wagner	do	6
J359 เจอก	do	A. Kroner	do	34422
<i>1</i> 300 1361	do	T. H. RICHAROSOH		9
362	do	I. H. Gordon	.do	4
0363	do	W. C. Welch	do	2
0364	do	Illinois Central R. R. Co	Freight bills	. 8
365	do	C., C., C. & St. L. Ry. Co., Urbana	do	24
J300 1267	do	Carl R. Uniin	Refund	25 25
1368	do	Fred E North	do	25
0369	do	The Coast Products Co.	Canned goods	25 21
0370	do	Eisner Grocery Co	Groceries	99
371	do	R. C. Wagner & Son	Coal	8
1372 1979	do	A. J. Warren Brush Co	Clinpings for April	3
1374	do	Twin City Creamery Co	Ruffer	17
375	do	F. A. Fisher	Expenses	17 72 105
376	do	H. C. Wheeler	do	105
377	do	Orr Allyn	do	16
1378 1970	do	H. W. Stewart	Canaran guandiag	27 32
ารยา กรรก	do	Twin City Food Mill & Cool Vord	Grinding	52
381	do	Westinghouse Electric & Mfg. Co.	Ŏil	10
382	do	Twin City Feed Mill & Coal Yard Westinghouse Electric & Mfg. Co. A. A. Harding Albert Penick. The Julia F. Burnham Hospital J. C. Thomas Florence E. Watson K. C. Babcock Ellen M. Henrotin Eggleston's Music House. H. A. Swits The Urbana Courier Co Underwood Typewriter Co Tablet & Ticket Co. Swift & Co. H. B. Ward, Secretary Twin City Printing Co. The Inner-Brace Chair Co. George Strode H. J. Alvis. Mrs. Constance Barlow-Smith The Western Gas Fixture Co. W. W. Walls & Co. The University Press.	Services Expenses Room and board	10 22
383	do	Albert Penick	Expenses	7
1384	do	The Julia F. Burnham Hospital	Koom and board	16 36
1386 1386	uo	Florence E Watson	Expenses	13
)387	do	K. C. Babcock	.do	8
388	do	Ellen M. Henrotin	.do	16
389	do	Eggleston's Music House	Rent of piano	
390	do	H. A. Swits	Rabbits	
1300 1991	op	Underwood Typewriter Co	Paner	38
1393	do	Tablet & Ticket Co.	Supplies	1
394	do	Swift & Co	Paper Supplies Fertilizer	38 19 143
395	do	H. B. Ward, Secretary	Book	2
396	do	Twin City Printing Co	Stamps	1
มช97 ารคค	do	The inner-Brace Chair Co	Stamps Chairs Books	368
J300 J980	uo	George Strode	Awnings	16
0400	do	H. J. Alvis	Expenses	9
0401	do	Mrs. Constance Barlow-Smith	do	368 13 16 9
)402	do	The Western Gas Fixture Co	Awnings Expenses do. Supplies	941
J403	do	W. W. Walls & Co	Lumber Stationery, etc Printing	24
J4U4 ∩⊿∩≍	ao	The U. of I. Supply Store	Printing	18 37
rttii)	uo	THE OHIVERSITY FRESS	T1mmg	00

0406			For what.	Amou
0406	1913.	The University Club. Vaughan's Seed Store. Western Electric Co Western Carbon & Ribbon Co. Walker & Mulliken J. Terquem & Cie. Twin City Ice & Cold Storage Co. Twin City Roofing & Sheet Metal Works Tuttle & Clark The C. A. Strelinger Co B. A. Strauch The Taylor Hardware Co H. Swannell & Co George Huff, Director C. Sadler.		
0407	May 29	The University Club	Entertaining	\$ 26 26
MANO.	do	Vaughan's Seed Store	Supplies	26
0400	do	Western Electric Co.	do	27
0409	do	Western Carbon & Ribbon Co	do	9
1410	ao	Walker & Mulliken	Parla	61 82
7411	00	J. Terquem & Cie	Too and storogo	82
0412	do	Twin City Doofing & Shoot Motel Works	Sunnlies	36 50
0414	do	Tuttle & Clark	Harness supplies	39
0415	do	The C. A. Strelinger Co.	Hardware.	33 47 47
0416	do	B. A. Strauch	Photo supplies	47
0417	do	The Taylor Hardware Co	Supplies	
0418	do	H. Swannell & Co	Supplies Drugs Return of money to redeem towels Dairy products furnished depart- ment of dairy husbandrydodo	1
0419	do	George Huff, Director	Return of money to redeem towels	354
0420	May 31	C. Sadler	Dairy products furnished depart-	١.
ابمد		d a	ment of dairy husbandry	3
0421	do	S. Guinn	00	١
1422		J. E. Hellderson	do	1
1423		Mort Wetterson	do	1 5
7424	do	Lon Craigar	do	3 3 3 4 4 4
1426	do	E Grove	do	
0427	do	S. Guinn J. E. Henderson H. I. Nelson Mart Watterson Lou Creiger E. Grove John Godsell C. Allen	_do	) 2
1428	do	John Godsell C. Allen Geo. Schiff C. W. Pfeister G. M. Seeber J. A. Curzon Z. Alstp. C. J. Gillespie C. M. Reed S. Kaufman & Co C. E. Burk J. E. Haney W. A. Ashworth G. W. Van Meter John Ridgeley John Rueb L. F. Bialeschki R. F. Jordan B. Jordan C. Ross	do	1
0429	do	Geo. Schiff	do	1
1430	dò	C. W. Pfeister	do	1
0431	do	G. M. Seeber	do	1 7
0432	do	J. A. Curzon	do	1
0433	do	Z. Alsip	do	:
0434	do	C. J. Gillespie	do	1
0435	do	C. M. Reed	do	;
0436	do	S. Kaufman & Co	do	4
0437	]do	C. E. Burk	do	:
0438	do	J. E. Haney	do	) '
0439	do	W. A. Ashworth	do	
0440	do	G. W. Van Meter	do	
0441	do	John Ridgeley		1.
0442		T T Dielegeblei	do	1
0440	do	D. F. Iorden	do	1
0444	do	R Tordan	do	ì
0446 0446	do	C Ross	do	} :
0447	do	Andrew Shields	. do	
0448	do	W. L. Davis.	do	
0449	do	T. M. Guym	do	
0450	do	A. W. McJilton	do	
0451	do	D. W. Mayo	do	1 :
0452	do	Z. C. Keene	do	
0453	do	W. C. Gulick	do	4 .
0454	do	D. W. Shiveley	do	1 -
0455	do	Len Rayburn		1
U456	ao	U. U. COCHIAN		1 5 8
040/ 0450	uo	Chog Abbott	do	1
1450 1450	uo	Tohn Willson	do	1
048A	do	R. F. Jordan R. F. Jordan C. Ross. Andrew Shields. W. L. Davis T. M. Guym A. W. McJilton D. W. Mayo Z. C. Keene. W. C. Gulick D. W. Shiveley Len Rayburn G. C. Cochran Frank Sheffer Chas. Abbott John Willsey B. F. Thomas, Jr. James H. Rice Co Will M. Cannady C. A. Dunseth C. R. Reiter V. L. Parker J. R. Newberry H. E. Siegman A. J. Spohn. W. F. Conway M. H. Anderson Dewitt Smith W. R. Olinger Geo. J. Deardorff	do	4
1461	do	Iames H. Rice Co	Glass	1
1469	do	Will M. Cannady	Loan	
0463	do-	C. A. Dunseth	Wages, May, 1913	8
0464	do	C. R. Reiter	Butter	
0465	do	V. L. Parker	do	.]
0466	do	J. R. Newberry	do	1
0467	do	H. E. Siegman	do	. 1
0468	do	A. J. Spohn	do	
0469	do	W. F. Conway	do	.
0470	do	M. H. Anderson.	do	
$0471 \\ 0472$	do	Dewitt Smith	do	
U472	do	W. K. Olinger		1
0473	do	Geo. J. Deardorn		1
0474	ao	Chring Volloy Crosmon	do	:
0475	do	Cao H Rost	do	1
ひまくび	do	T A Taylor	do	-
0477 0478	uo	D T Collier	do	i
ひまりる	do	Wm Bromstadt	do	
U419	do	Dewitt Smith.  W. R. Olinger. Geo. J. Deardorff. Green River Creamery Co. Spring Valley Creamery Geo. H. Bost. J. A. Taylor. R. J. Collier. Wm. Bramstedt. F. J. Basting Burley & Co. John Ater. C. A. Denman	Book	1 '
020U 0421	do	Burley & Co	China ware	4 3
UV50 040T	do	John Ater	Cleaning	1 1
<b>U</b> 465	do	C. A. Denman	Labor and material	5

0.	Date.	Frank F. Evans. John H. Doyle. Bryan-Marsh Electric Works. Hoosier Mig. Co. Bryne L. Ray. Ralph T. Bishop. Eston V. Tubbs. F. M. Giles. Eleanor Hubbard. Otto Schimerer. A. J. W. Copelin. Chicago Calcium Light Co. McDougall Co. John McCullough. Leavitt Mig. Co. J. G. Biddle. R. R. Donnelley & Sons Co. Palmer & Harris. The Carswell Co. Bacon Bros. S. E. Huff & Co. G. E. Stechert & Co. B. A. Strauch. Western Carbon & Ribbon Co. General Electric Co. J. T. Baker Chemical Co. Harrison Fahrnkopf. R. W. Holt. J. E. Whitchurch. H. C. Gilkerson. O. S. Fisher. American Aberdeen-Angus Breeders' Assn. D. H. Stevenson. F. M. Simpson. Sitipes & Hecker. American Aberdeen-Angus Breeders' Assn. D. H. Stevenson. F. M. Simpson. Sitipes & Hecker. American Steam Pump Co. Weil Bros. Twin City Roofing & Sheet Metal Work Williams, Brown & Earle. Fuller & Fuller Co. Joseph McDonough & Co. The R. W. McCready Cork Co. C. L. Smith. C. M. McConn. Clayton F. Summy Co. Chivers Book Binding Co. Jacob Reed's Sons. Eggleston's Music House. E. H. Ladd Gray. L. M. Cole. Matilda F. Slater. Spencer Lens Co. Albert Wuestman. Detroit Publishing Co. Southern Illinois Penitentiary. Automatic Electric Co. G. Cramer Plate Co. Mand Parson. C. E. Durst. C. E. Durst. C. E. Durst. C. E. Direkt. B. S. Pickett. B. W. Woll Bros. The Frederick Post Co. Dean Bros. Steam Pump Works. R. B. Pogue. The Standard Calorineter Co. G. The Standard Calorineter Co. The S. W. Shake Bros. The S. Sclark. A. S. Clark. A. S. Clark.	For what.	Amour
	1913.			
484	May 31	Frank F. Evans	Slides	\$ 31
485	do	John H. Doyle	Hardware	12
486	do	Bryan-Marsh Electric Works	Lights	81
1487		Prype T. Doy	Words May 1012	19 25
1480	do	Rainh T Rishon	Programs	20
1490	do	Eston V. Tubbs	Labor and supplies	3
1491	do	F. M. Giles	Expenses	ĭ
492	do	Eleanor Hubbard	Wages, June, 1913.	15
493	do	Otto Schinnerer	Wages, May, 1913	16
494	do	A. J. W. Copelin	Photos	11
495	do	Chicago Calcium Light Co	Rental	10
1496	do	McDougall Co	Cabinet	19
497	do	John McCullough	Oats	83 171
1498	do	Leavitt Mfg. Co	Furnace supplies	171
1499	do	J. G. Biddle	Luxometer	39
500	do	R. R. Donnelley & Sons Co	Printing	22
501	do	Palmer & Harris	Service	89 151
)502	do	The Carswell Co	Books	151
)503	do	Bacon Bros.	Paint, etc	19
1504	do	S. E. Hull & Co	Lumber	86 258
1505	do	G. E. Stechert & Co	Books	258
1900		Western Corbon & Dibbar Co	E note suppnes	3
1907 1007	ao	Coporal Floatria Co	.   buppnes	046
いいしと	do	Control Floatric Co.	do	243 128 610
いいしょ	do	T T Roker Chemical Co	do	610
MITO	Juo	Torrison Fohrmhonf	Emperage	38
7516	do	P W Dickerson	do	9
7515	do	S V Holt	do	108
0514	do	I E Whitehurch	do	73
051	do	H C Gilkerson	do	99
0516	do	O S Fisher	do	23
0517	7do	American Aberdeen-Angus Breeders'		1
		Assn	Fees	44
0518	3do	D. H. Stevenson	Expenses and services	. 4
051	9 do	F. M. Simpson	. Rhubarb	.  - 3
052	0do	Stipes & Hecker	. Cement.	
052	1 do	American Steam Pump Co	Tubes	
052	2 do	Weil Bros.	Hardware	
052	3 do	Twin City Rooting & Sheet Metal Work	s Supplies	
052	4 qo	williams, Brown & Earle	Apparatus	. 4
052	o qo	Fuller & Fuller Co	. Chemicais	- 1
052	o	Joseph McDonough & Co	B00KS	1
052	/ do	The R. W. McCready Cork Co	Corks	- 1
OEO	do	C. M. McConn	Expenses	2
052	9 00	Clerton E Cummy Co	Margio	. 2
บยอ	Uuo	Chirona Dooly Dinding Co	Pooleg	•1 :
UUD NES	100	Touch Dood's Sons	Flor	•
บยอ กรจ	2	Factoric Music House	Rooks and records	1 1
neo neo	40	F H Todd Crov	Dobbite	1
US3	5 do	T. M. Cole	Evnance	- 1
053 052	6 40	Motilda F Clater	do	•
053 000	7 de	Spencer Lens Co	Instruments	1
052 052	8 40	Albert Wijestman	Clock	1 1
กรจ	ŏ de	Detroit Publishing Co	Slides	2
054	ob do	Southern Illinois Penitentiary	Lime stone dust	9
054	il. de	Automatic Electric Co	Supplies	]
054	2do	G. Cramer Plate Co		1
054	3 . do	The Shaw-Walker Co	. do	3
054	4 de	N. E. Prince Drug Co	.ldo	. 3
054	5 . do	Maud Parsons	Car fare	:
$05\overline{4}$	6 . do	C. E. Durst	Expenses	1
054	7do	B. S. Pickett.	. do	. 2
054	8 do	B. E. Powell.	. do	.  ĩ
054	9 do	W. W. Yapp	. do	1 2 1
055	0 do	Otto Schwartz	. do	. 1
055	1 do	Kelso & Hill Bros	. Hardware	1
055	2 do	The Frederick Post Co	. Paper	
055	3 do	. Dean Bros. Steam Pump Works	. Condenser	22
055	4 do	R. B. Pogue	Expenses	. 2
055	5 do	.iThe Standard Calorimeter Co	. Clamps	.
055	6 do	. G. W. Sheldon & Co	. Fees and charges	1
055	7 do	. W. W. Blake	. Books	. 1
055	8 do	. The Kny-Scheerer Co	. Dead pape	-
:055	9 do	Statue Law Book Co	. Books	1
:056	0 do	. Tice & Lynch	. Freight and charges	- 1
	11 do	. A. S. Clark	. Books	-1 - '

To.	Date.	To whom.	For what.	Amour
	1913.			
0562	May 31	John T. White. P. S. Campbell. Library Bureau Illinois Printing Co. Pantagraph Printing & Stationery Co. H. Muller Mfg. Co. J. W. Franks & Sons. Standard Underground Cable Co. Paul Hansen American Les France Fire Engine Co.	Labor and material	\$ 12 24 35
0563	do	P. S. Campbell	Blanks	24
1565	do	Illinois Printing Co	Reprints	16
0566	do	Pantagraph Printing & Stationery Co	Board tubes	16 10 1
0567	do	H. Muller Mfg. Co.	Supplies	ľi
0568	do	J. W. Franks & Sons	Directory	. 5 22 63
0569	do	Standard Underground Cable Co	Supplies	22
0570	do	Paul Hansen	Expenses	63
0571	do	American La-France Fire Engine Co	Supplies	14 266 9
0572	do	The University of Illinois Supply Store	Stationery, etc	266
0573		J. W. Butler Paper Co	Stationery	4
J074 1575	do	Paraival & Moorahaad	Hardwara	11
1576	do	The Taylor Hardware Co	do	1 4
1577	do	I C Thomas	do	46 207
0578	do	A. C. McClurg & Co	Books	207
579	do	The Boston Book Co.	do	9
0580	do	Ernst Hertzberg & Sons	do	516
)581	do	Eimer & Amend	Laboratory apparatus	4
)582	do	Beardsley Hotel Co	Entertaining	9
)583	do	G. C. Willis	Paper	20
)584	do	Bennett's Newspaper Magazine Agency.	Subscriptions	38 17
)585	do	Standard Oil Co	Oll.	17
1586	do	U. J. Weich, Contractor	Lapor and material	588
1987	ao	The Alexander Lumber Co	Lumber	108
1988	uo	E W Sampson	Harnes	109 95
いちない	do	The Ideal Electric Co	Supplies	18
วอยบ ารดา	do	Department of Chamistry	do	149
1592	do	Champaign Gas & Electric Supply Co	do	12
1593	do	Bausch & Lomb Optical Co	do	148 12 37
594	June 3	J. W. Franks'& Sons Standard Underground Cable Co. Paul Hansen. American La-France Fire Engine Co The University of Illinois Supply Store. J. W. Butler Paper Co. D. H. Lloyde Percival & Moorehead. The Taylor Hardware Co. J. C. Thomas. A. C. McClurg & Co. The Boston Book Co. Ernst Hertzberg & Sons. Eimer & Amend. Beardsley Hotel Co. G. C. Willis. Beanett's Newspaper Magazine Agency. Standard Oil Co. C. J. Welch, Contractor. Illinois State Reformatory. The Alexander Lumber Co. E. W. Sampson. The Ideal Electric Co. Department of Chemistry. Champaign Gas & Electric Supply Co. Bausch & Lomb Optical Co. S. E. Lee P. J. Wagner. A. R. Grindley. A. G. Guard. L. H. Besore. R. S. McInness. H. Wascher. J. W. Cavanaugh. H. C. Kanfman. J. F. Hoy. M. Hudson. W. H. Frame. A. W. McDaniels E. J. Percival. C. C. Gordon. O. A. McInness. W. F. Hampton Walter Dodson. A. R. Putcsher. J. W. Schwengel. J. M. Stickrod. David Wilkin W. H. Webb. G. G. Gordon. O. A. McInness. W. F. Hampton Ralph Smith. David Hahn. H. H. Krukewitt C. E. Smoot. J. H. Umbanhowar James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James Freeman James J. J. G. C. Gordon G. C. Gordon G. C. Gordon G. J. H. J. H.	Dairy products furnished depart- ment of daity husbandry	43523213331433523264
0595	do	P. J. Wagner	do	3
0596	do	A. R. Grindley	do	5
0597	do	A. G. Guard	do	) 2
0598	do	I. H. Besore	do	3
0599	do	R. S. McInness		2
0000		I W Covenough	do	3
USUO	do	H C Kaufman	do	3
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060 <i>3</i>	do	M. Hudson	do	1 4
0605	do	W. H. Frame	do	3
0606	do	A. W. McDaniels	do	1
0607	do	E. J. Percival	do	2
0608	do	C. C. Gordon	. do	8
0609	do	O. A. McInness	. do	1
0610	do	W. F. Hampton	do	]
0611	do	Walter Dodson		1 3
0612	do	A. R. Putcsner	- 000	1 3
0614 0013	do	I M Stickrod	do	1 :
081⊭ 0014	do	David Wilkin	do	
ORIA	do	W. H. Webb.	do	] :
0617	do	G. C. Gordon	do	
0618	do	O. W. Hampton	. do	1 :
0619	do	Ralph Smith	. do	.1
0620	do	David Hahn	. do	
0621	do	H. H. Krukewitt	. do	.]
0622	do	C. E. Smoot.	. do	.  :
0623	do	J. H. Umbanhowar	- do	-
0624	do	James Freeman	- do	·  '
0625	gao	James Fisher		1. '
M626	ao	FILL Condon	- uo	1
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บบ28	de	Wm Casa	do	1 :
ነባር ጀኒ	de	W. E. Womacks	do	] -
20621	i . de	C. Wilson	do	
2063	2 de	W. J. Wilson	- do	
2063	3 . do	T. M. Clayton	do	
2063	4 do	C. M. Van Meter	. do	
2063	5 . do	J. F. Hubbard.	. do	
2063	6do	J. A. R. Koch	. do	.  8
2063	7do	Van Carter	. do	
2063	8 do	T. M. Ghere	. do	.]
		13.6 T -3-3.	1 40	1 5

No.	Date.	J. R. Rutan G. O. McMorriss. R. H. Brewer F. H. Busey. W. W. Herriott. Geo. Herriott. Z. C. Keene. Andrew Primmer C. A. Fogel I. H. Gordon I. W. Maxwell W. C. Welch John Weiss. John McCullough J. M. Smith. Cora Stacker S. Atchinson R. Graham A. H. Aagaard W. O. Andrews F. M. Atkinson E. K. Augustus. H. L. Bauer A. W. Baumgarten F. H. Bergland E. H. Berry W. J. Blottligh E. H. Berry W. J. Blottligh E. H. Berry W. J. Blottligh E. H. Berry W. J. Bublitz F. E. Bow J. F. Brown N. F. Brunkow. W. J. Bublitz P. E. Bubk W. J. Carmichael J. E. Churchill H. E. Codlin G. H. Cole H. O. Danz A. W. Davis H. Devine E. A. Doisey L. W. Fanlkner E. R. Foster C. W. Gates F. J. Giehler E. A. Glenz E. H. H. Series E. R. Hatowski H. C. Hohman C. R. Horrell H. E. Howes E. R. Foster C. W. Gates F. J. Giehler E. A. Glenz E. L. Hasker E. R. Hatowski H. C. Hohman C. R. Horrell H. E. Howes R. A. Kane R. C. Kirchoff J. F. Kohout E. H. Leslie J. F. Lewis F. H. Leslie J. F. Lewis F. H. Loeffler E. M. Lurie L. W. Partridge E. C. Protty D. R. Roye U. A. Schoessel M. G. Severinghaus Reuel L. Smith	For what.	Amour
	1913.	•		
20640	June 3	J. R. Rutan	Diray products furnished depart-	e 5
20641	ob	G. O. McMorriss	do	\$ 5 3 1
0642	do	R. H. Brewer	do	ĭ
0643	do	F. H. Busey	do	4
0644	do	W. W. Herriott	do	3 7
0646	do	Z. C. Keene	do	4 3 7 4
0647	do	Andrew Primmer	.do	Î
0648	do	C. A. Fogel	do	5 3
0649	do	I. H. Gordon	do	3
20651	do	W. C. Welch	-do	2
0652	do	John Weiss	do	38
0653	do	John McCullough	do	8
0655	do	J. M. Smith	do	30 6
20656	do	S. Atchinson	_do	7
20657	do	R. Graham	do	4 24
20658	do	A. H. Aagaard	Refund of fees	24
20880	do	W. O. Andrews	do	24 24
20661	do	E. K. Augustus	do	24
0662	do	H. L. Bauer	do	24
20663	do	A. W. Baumgarten	do	24 24
20665	do •	F. H. Bergiand	do	24
20666	do	W. J. Blum	do	24
20667	do	L. A. Boettiger	do	24
20668	do	W. E. Bow	do	24 24
20670	do	J. F. Brown	do	24
20671	do	W. J. Bublitz.:	do	24 24
20672	do	P. E. Buck	do	24
20673	do	W. J. Carmichael	do	24
20675	do	H. E. Codlin	-do	24 24
20676	do	G. H. Cole	do	24
20677	do	H. O. Danz	do	24 24
20078 20670	do	A. W. Davis	00	24
20680	do	E. A. Doisev	do	24
20681	do	L. B. Ermeling	do	24 24
20682	do	L. W. Faulkner	do	24 24
20083 20684	do	O F Foster	do	24
20685	do	C. W. Gates	do	24 24
20686	do	F. J. Giehler	do	24
20687 20688	do	E. A. Glenz	do	24
20689	do	E. R. Hatowski	_do	24 24
20690	do	H. C. Hohman	do	24
20691	do	C. R. Horrell	do	24
20692 20603	do	H. E. HOWES	do	24 24
20694	do	R. C. Kirchoff	do	24
20695	do	J. F. Kohout	do	24
20696 20697	do	E. H. Leslie	do	24 24
2069R	do	F. H. Loeffler	do	24
20699	do	E. M. Lurie	do	24 24
20700	do	L. W. Miner	do	24
20701 20709	do	H S Mueller		24 24
20703	do	M. L. Nebel	do	24
20704	do	R. U. Nichols	do	24
20705	do	H. P. Ousley	do	24
20705 20707	ao	W. K. Palmer	do	24 24
20708	do	N. L. Partridge	do	24
20709	do	E. C. Prouty	do	24 24
20710	do	D. M. Riff	do	24 24
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20713	do	C. B. Sayre.	do	24 24
20714	do	W. H. Scales.	do	24
20715	do	W. G. Saveringhaus	do	24 24
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0738 do. I. H. Besore do. 0739 do. J. W. Cavanaugh do. 0740 do. Geo. Schiff do. 0741 do. E. F. Lyons do. 0741 do. E. F. Lyons do. 0742 do. T. P. Lyons do. 0742 do. T. P. Lyons do. 0743 do. S. Guinn do. 0744 do. Geo. Taylor do. 0754 do. Geo. Taylor do. 0764 do. 0. Geo. Taylor do. 0764 do. 0. Ralph Smith do. 0764 do. J. M. Stickrod do. 0764 do. J. M. Stickrod do. 07674 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070749 do. C. M. Reed do. 070749 do. C. M. Reed do. 070750 do. T. A. McCracken do. 070751 do. Frank Knox do. 070751 do. Frank Knox do. 070751 do. H. F. Ridgeley do. 07054 do. 0 H. F. Ridgeley do. 07054 do. 0 Harding Green do. 07054 do. 0 Harding Green do.	-		
0738 do. I. H. Besore do. 0739 do. J. W. Cavanaugh do. 0740 do. Geo. Schiff do. 0741 do. E. F. Lyons do. 0741 do. E. F. Lyons do. 0742 do. T. P. Lyons do. 0742 do. T. P. Lyons do. 0743 do. S. Guinn do. 0744 do. Geo. Taylor do. 0754 do. Geo. Taylor do. 0764 do. 0. Geo. Taylor do. 0764 do. 0. Ralph Smith do. 0764 do. J. M. Stickrod do. 0764 do. J. M. Stickrod do. 07674 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070747 do. Fred Thompson do. 070749 do. C. M. Reed do. 070749 do. C. M. Reed do. 070750 do. T. A. McCracken do. 070751 do. Frank Knox do. 070751 do. Frank Knox do. 070751 do. H. F. Ridgeley do. 07054 do. 0 H. F. Ridgeley do. 07054 do. 0 Harding Green do. 07054 do. 0 Harding Green do.	-		
0745     do     Ralph Smith     do       0746     do     J. M. Stickrod     do       8747     do     Fred Thompson     do       90748     do     P. F. Dunn     do       90749     do     C. M. Reed     do       90750     do     T. A. McCracken     do       90751     do     Frank Knox     do       90752     do     W. A. Ashworth     do       90753     do     H. F. Ridgeley     do       90754     do     Harding Green     do	-1		
0745   do     Ralph Smith     do       0746   do     J. M. Stickrod     do       0747   do     Fred Thompson     do       0748   do     P. F. Dunn     do       0749   do     C. M. Reed     do       0750   do     T. A. McCracken     do       0751   do     Frank Knox     do       0752   do     W. A. Ashworth     do       0753   do     H. F. Ridgeley     do       0754   do     Harding Green     do	-		
0745   do     Ralph Smith     do       0746   do     J. M. Stickrod     do       0747   do     Fred Thompson     do       0748   do     P. F. Dunn     do       0749   do     C. M. Reed     do       0750   do     T. A. McCracken     do       0751   do     Frank Knox     do       0752   do     W. A. Ashworth     do       0753   do     H. F. Ridgeley     do       0754   do     Harding Green     do	-		
0745   do       Ralph Smith       do         0746   do       J. M. Stickrod       do         0747   do       Fred Thompson       do         0748   do       P. F. Dunn       do         0749   do       C. M. Reed       do         0750   do       T. A. McCracken       do         0751   do       Frank Knox       do         0752   do       W. A. Ashworth       do         0753   do       H. F. Ridgeley       do         0754   do       Harding Green       do	٠		
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0745   do       Ralph Smith       do         0746   do       J. M. Stickrod       do         0747   do       Fred Thompson       do         0748   do       P. F. Dunn       do         0749   do       C. M. Reed       do         0750   do       T. A. McCracken       do         0751   do       Frank Knox       do         0752   do       W. A. Ashworth       do         0753   do       H. F. Ridgeley       do         0754   do       Harding Green       do	-1		
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0760   do			
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OFFICE   Color   Col	-		
	-		
Will. Herriold.   Go.   Will. Herriold.   Go.     1766   Go.   D. W. Shiveley   Go.     1766   Go.   Chas. Sadler   Go.     1767   Go.   T. F. Jordan   Go.     1768   Go.   T. F. Jordan   Go.     1768   Go.   Go.   Go.     1770   Go.   A. Kroner   Go.     1770   Go.   A. Kroner   Go.     1771   Go.   Andrew Shields   Go.     1772   Go.   Will. Leischener   Go.     1773   Go.   E. W. Morrison   Go.     1774   Go.   E. W. Morrison   Go.     1775   Go.   Cecil Pittman   Go.     1776   Go.   Cecil Pittman   Go.     1777   Go.   Go.   Go.     1777   Go.   A. W. McJilton   Go.     1778   Go.   A. W. McJilton   Go.     1779   Go.   A. W. McJilton   Go.     1779   Go.   A. W. McJilton   Go.     1770   Go.   A. W. McJilton   Go.     1780   Go.   W. E. Heyer   Go.     1781   Go.   Go.   Go.     1782   Go.   Go.   Go.     1783   Go.   Go.   Go.     1784   Go.   Go.   Go.     1785   Go.   Go.   Go.     1785   Go.   Go.   Go.     1786   Go.   Go.   Go.     1787   Go.   Go.   Go.     1788   Go.   Go.   Go.   Go.     1789   Go.   Go.   Go.   Go.     1780   Go.   Go.   Go.   Go.   Go.   Go.     1780   Go.   Go.   Go.   Go.   Go.   Go.     1780   Go.   Go.   Go.   Go.   Go.   Go.   Go.     1780   Go.   Go	-		
1706   do.   Chas. Sadler   do.	-		
100	-		
10768   do	1		
0769   do	]		
10770   do	.		
10771   do	-1		
1772   do	-1		
1773	-		
1/4	-}		
1776   QC	-		
1777   0			
A. W. McJilton   do   do   do   do   do   do   do	1		
No.	11		
10780   do.   W. E. Heyer   do.	1		
0781   do	-1		
1782   do	-1		
OF   OF   OF	-		
0784   do	-		
0785   00   2. C. Keene	•		
U/S6	-		
008/1 . 00	-		
0/88 do     George E. Frazer     Expenses       0789 do     David Kinley     do       0790 do     H. L. Thomson     Wages, May, 1913       0791 do     Nick Peterson     do       0792 do     C. P. Moore     do	-		
O.089	-		
0.791 do Nick Peterson do 0.791 do 0. Propre	-		
0792 do C. P. Moore do	-		
	-		
0703 do C E McClora	-1		
0.704 do I W Hinter do			
0705 do E H Swigart	1		

0.	Date.	To whom.	For what.	Amou
	1913.			
796	June 4	Peck & Hills Furniture Co	Couch	\$ 32
)797	do	A. J. Corson	Wages, May, 1913	10
)798	do	Paul Millizen	do	2
)799 เอกก	do	Char Pollard	do	5
1000 1801	do	Stafford Simer	do	. 0
18U3 1907	do	The Novelty Supply Co	Examination books	23
0803	June 5	Illinois Traction System	Freight	10
0804	do	The Wabash R. R.	do	23: 10 31
0805	do	Peck & Hills Furniture Co. A. J. Corson. Paul Millizen Roy Mount Chas. Pollard Stafford Simer The Novelty Supply Co. Illinois Traction System The Wabsah R. R. R. T. Lumsden R. G. McMahon A. R. Grindley C. W. Pfeister L. F. Lindsey. A. J. Putscher J. E. Henderson H. J. Schwengel David Wilkin R. A. Lumsden H. C. Kaufman J. F. Hoy W. F. Hampton G. F. Diefenbach C. G. Gordon M. Hudson. C. C. Gordon M. Hudson.	Dairy products furnished department of dairy husbandrydo.	:
0806	do	R. G. McMahon	do	}
0807	do	A. R. Grindley	do	1 :
)808 2000	do	C. W. Pielster	do	
1809 1010	qo	L. F. Lindsey		1 :
7011 1010		T F Handarson	do	1 :
7810 70TT	do	H I Schwangel	do	1 '
0813	do	David Wilkin	do	
0814	do	R. A. Lumsden	do	1
0815	do	H. C. Kaufman	do	
0816	do	J. F. Hoy.	do	· :
0817	do	W. F. Hampton	do	
0818	do	G. F. Diefenbach	do	1
)819	do	C. G. Gordon	do	.[
0820	do	M. Hudson	do	4
)821	do	C. C. Gordon	do	
)822	do	W. H. Webb	do	
0823	do	A. W. McDaniels	do	
J824	do	R. S. McInness		1
1820 190 <i>0</i>	do	C. Tourfmon & Co	do	1
JO40	do	D. W. Moyo	do .	1
1021	do	G W Millor	do	
1820	do	Wm Gulick	do	
1830	do	Pearl Hazen	.do	
0831	do	A. W. McJilton	do	
0832	do	C. A. Richman	do	.]
0833	do	W. J. Wilson	. do	.]
0834	do	Chas. Wilson	do	.
0835	do	T. H. Richardson	. do	
1836	do	Nicholas Hann	ao	
0837	do	J. H. Umpannowar		•
0838 0839	do	C M Von Motor	do	
DOGE NRAU	do	G W Ven Meter	do	'
0841	,do	G. H. Spencer	do	:
1842	do	E. M. Frankenberg	do	
0843	do	David Hahn	do	
0844	do	A. G. Krukewitt.	do	
0845	do	W. D. Rohl	. do	.
0846	do	J. A. R. Koch	. ao	-[
0847	do	M. Leigh		·
0848	do	W. E. Yount		1
084t	do	U. E. Burk	uo	1
nool nool	do	W E Womacks		.1
USK. NOD]	do	W E Satterfield	do	1
1850	de	P. J. Wagner	do	1
0854	do	R. H. Brewer	do	.1
085	do	L. P. Rayburn	do	-1
0856	do	F. H. Busey	do	-1
0857	do	S. Herriott	. do	-1
0858	do	C. C. Rayburn	. do	-
0859	do	U. A. Fogel	.jao	-
0860	do	I. T. Webb		-
U86]	do	I. W. Maxwell	do	-}
0002 0002	do	T W Willcay	do	1
NOU?	do	Department of Chemistry	Supplies	26
USUS	do	Weil Bros	Pine	1 3
0866	do	D. B. Sperry & Co.	Machinery	] 11
0867	do	W. S. Bayley	Supplies	]
0869	3 . do	Herrick & Stoltev	Service	. 2
0860	do	E. J. Pike	Expenses	. 10
0870	do	G. F. Diefenbach C. G. Gordon M. Hudson C. C. Gordon W. H. Webb A. W. McDaniels R. S. McInness O. A. McInness O. A. McInness S. Kaufman & Co D. W. Mayo G. W. Miller Wm. Gulick Pearl Hazen A. W. McJliton C. A. Richman W. J. Wilson Chas Wilson T. H. Richardson Nicholas Hahn J. H. Umbanhowar J. E. Haney G. M. Van Meter G. W. Van Meter G. H. Spencer G. H. Spencer David Hahn A. G. Krukewitt W. D. Rohl J. A. R. Koch M. Leigh W. E. Yount C. E. Burk Ed. Huchins W. E. Yount C. E. Burk Ed. Huchins W. E. Satterfield P. J. Wagner R. H. Brewer L. P. Rayburn F. H. Busey S. Herriott C. C. Rayburn C. A. Fogel I. T. Webb I. W. Wilsey Department of Chemistry Weil Bros D. R. Sperry & Co W. S. Bayley Herrick & Stoltey E. J. Pike Harold Bolander L. J. Pike Harold Bolander L. D. Budina J. Terquem & Co B. A. Strauch	Wages, May 20 to June 4, 1913	366 2 11 11 10
0871	do	A. O. Budina	Wages, April and May	-
0872	do	J. Terquem & Co	Books	. . 1
	do	B. A. Strauch	Labor and material	. 1 3

No.	Date.	To whom.	For what.	Am
	1913.			
20874	June 5	C., C., C. & St. L. Ry. Co.  The Wabash R. R. Western Union Telegraph Co. Postal Telegraph-Cable Co. Ralph Smith.	Freight bills	\$
20875	June 6	The Wabash R. R.	do	1
0876	do	Western Union Telegraph Co	Service	1
0877	do	Postal Telegraph-Cable Co	do.  Dairy products furnished department of dairy husbandry	1
0878	do	Raiph Smith	Dairy products furnished depart-	1
	١.	J. M. Stickrod. H. Wascher G. M. Seeber C. A. Ilen Geo. Schiff John Godsell Mart Watterson Ed. Murphey O. F. Gulick D. W. Shiveley C. Ross.	ment of dairy husbandry	1
0879	do	J. M. Stickrod	do	
0880	do	H. Wascher	do	
0881		G. M. Seeder	do	
0882	do	C. A. Hen	do	
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U004		Mont Watterson		
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JOOU 1007		O F Caliela	00	
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voor Oggo	uo	Eronk Wnov	do	
100°	uo	Zilloh Whitehood	do	1
1000 1000	uo	Wm. Brown. B. Jordan. C. J. Gillespie. Frank Knox. Zillah Whitehead. F. C. Stevenson. W. L. Davis. Z. C. Keene. E. R. Canady. Len Rayburn. John Cornett. C. Abbott. E. J. Miller.	uv	1
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1600	uo	7 C Voone	uo	1
ების ებმე	do	E R Canady	do.	
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0904		A T Albrocht	Dand ash slovehin	1
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0908		A II Comphell	do	l
0909		A. H. Campoen		
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0911		R. R. Danielson	do	
20912	ao	P. C. Feutz		
0913	qo	A. H. Campbell K. A. Clark R. R. Danielson F. C. Feutz R. P. Hall R. R. Hawkins G. R. Hess M. E. Hinds C. A Holton		
0914	do	R. R. Hawkins		ŀ
0010		W. R. Hess		
0017		O A Trolton	00	
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0740 0097	uo	F P Powers	do	1
0020	do	F E Richart	do	
0020 0090	do	K V Root	do	
303U	do	E E Sandall	do	1
0000	do	W H Taylor	do	
0030 000T	do	I M Thomas	do	l
U033	do	I R Shulters	do	
Uday	do	C H Threlkeld	do	
0035	do	C A Vincent	do	ł
Udse	do	E G Young	do	
0000 0027	do	T. B Highel	do	
0035	do	R T Shawl	do	
0030	do	A N Talhot	Expenses	1
0000 0040	do	R Barlow	do	1
0040	June	Standard Can & Seal Co	Apparatus	l
1049	do 9	Tohn Saxton & Co	Grocaries	
0042 00/19	do	Singer Sewing Machine Co	Ralte	
U044 05560	do	W. W. Miller F. W. Mohlman D. K. Morrison A. H. Oroutt W. H. Ponder F. R. Powers F. E. Richart K. V. Root E. E. Sandal W. H. Taylor J. M. Thomas J. R. Shulters C. H. Threlkeld C. A. Vincent E. G. Young L. B. Hiebel R. I. Shawl A. N. Talbot B. Barlow Standard Cap & Seal Co. John Sexton & Co. Singer Sewing Machine Co. Ernst Leitz P. Adams J. Bishop & Co D. H. Fairchild Heirick & Stoltey Architectural Book Publishing Co Addressograph Co. O. E. Shoke & Co. C. C. Co. Co. C. C. Co. Co. Co. C. C. Co. Co. Co. C.  Belts. Laboratory supplies. Hauling		
いりひりょ	do	D Adams	Hauling	1
1004B	do	I Richon & Co	Silver wire	ì
0040 0047	do	D H Fairabild	Worke May 1012	l
1450m	do	Harriel & Stolton	Silver wire Wages, May, 1913 Services Books	l
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	1(10)	O. E. BHONG & CO	DAT A100 **********************************	1 '

Го.	Date.	To whom.	For what.	Amou
	1913.	Lay, Hubbard & Wheelwright. R. T. Stull. Leavitt Mfg. Co. Baker & Co. The Engineering Magazine Western Electric Co. Architectural Club. W. W. Blake. James G. Biddle Edward Bartow The Standard Calorimeter Co. Standard Oil Co. G. E. Stechert & Co. F. M. Leslie. White Line Steam Laundry. Central Electric Co. O. E. Staples, Chief Clerk. O.	Copies of magazine Expenses Labor and material Laboratory supplies Advertising Supplies Year books Books Apparatus Expenses Laboratory apparatus Oil Books Drugs, etc Washing Supplies	
0952	June 9	Lay, Hubbard & Wheelwright	Copies of magazine	\$ 4
0953	do	R. T. Stull	Expenses	66
0954	do	Leavitt Mig. Co	Labor and material	82 50
บูซออ กดรด	do	The Engineering Magazine	Advortising	1
1950 1057	do	Wostern Flootric Co	Supplies	97
1951 1958	do	Architectural Club	Year hooks	27 200
1959	do	W. W. Blake	Books	200
1960	do	James G. Biddle	Apparatus	22 175
0961	do	Edward Bartow	Expenses	43
962	do	The Standard Calorimeter Co	Laboratory apparatus	93
0963	do	Standard Oil Co.	Oil	18 380 34 72
964	do	G. E. Stechert & Co	Books	380
0965	do	F. M. Leslie	Drugs, etc	34
966	do	White Line Steam Laundry	Washing	72
0967	do	Central Electric Co	wasning Supplies Sundry bills paid Students' payroll Express bills paid General labor payroll Students' payroll Express bills paid	12
0968	June 10	O. E. Staples, Chief Clerk	Sundry bills paid	111
0969	do	O. E. Staples, Chief Clerk	Students' payroll	728
0970	do	O. E. Staples, Chief Clerk	Express bills paid	57 449
0971	do	O. E. Staples, Chief Clerk	General labor payroll	449
)972	do	O. E. Staples, Chief Clerk	Students' payroll	544 33
)973	do	O. E. Staples, Chief Clerk	Express bills paid	33
974	do	O. E. Staples, Chief Clerk	do	24
)975	do	W. W. Lindley, Postmaster	doPostageWages, May, 1913	461
1976	do	C. C. Wiley	Wages, May, 1913	40
1977	do	Kosa Lee Gaut	Dairy products furnished department of dairy husbandrydo.	24 461 40 41
1978	ao	J. E. Henderson	Dairy products turnished depart-	
0070		Ti 1 (D)	ment of dairy nuspandry	
979		Fred Thompson	do	۽ ا
J98U	do	H. I. Nelson		۽ ا
NOOU	ao	A C Conse		1 2
1002	do	David Will-in		1
NOO	uo	A D Crindles		,
1004	do	T. W. Covenench	do	6
1000	do	G C Gordon	do	
1087	do	W H Wahh	do	,
1088	40	W H Frama	do	4
1020	do	T P Lyone	do	1 5
าดดก	- do	I F. Hov	do	í
991	do	I. H. Besore	do	1
992	do	C. M. Pfeister	do	4
993	do	J. H. Schwengel	do	
994	do	H. C. Kaufman	do:	3
995	do	E. Grove	do	l ä
1996	do	Lou Creiger	do	9
997	do	G. F. Diefenbach	do	1
998	do	A. J. Putscher	do	1
999	do	W. F. Hampton	do	1
L000	do	R. T. Lumsden	do	]
1001	do	M. Hudson	do	8
1002	do	A. W. McDaniels	do	]
1003	do	E. J. Percival	do	]
.004	do	C. C. Gordon	do	8
1005	do	K. S. McInness	go	
.006	ao	u. w. Van Meter		1 1
.007	do	J. E. Haney		
1008	ao	J. H. Umpannowar		۱ ۹
1009	ao	van Carter	uo	1
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OTT	uo	M. D. Dahl	do	1
1012		W. D. Rolli	do.	5
1014	do	W F Hover	do	5
.01¥	do	F W Howell	do	
1016 FOTO	do	W T Wilson	do	
1017	do	C E Smoot	do	
1018	do	James Freeman	do	1
1019	- do	James Fisher	_do	×
1020	do	Z. Alsip	do	3
1021	- do	J. H. Perham	do	, š
1022	do	Wm. Van Buskirk	do	ä
1023	do	John Rueb	do	9
1024	do	J. H. Rutan	do	3
1025	do	Fred Thompson. H. I. Nelson Geo. Taylor. A. G. Guard. David Wilkin. A. R. Grindley. J. W. Cavanaugh. G. C. Gordon W. H. Webb W. H. Frame. T. P. Lyons. J. F. Hoy. I. H. Besore. C. M. Pfeister J. H. Schwengel. H. C. Kaufman E. Grove. Lou Creiger. G. F. Diefenbach. A. J. Putscher. W. F. Hampton R. T. Lumsden. M. Hudson. A. W. McDaniels. E. J. Percival. C. C. Gordon R. S. Molmess. J. E. Haney. J. H. Hampton R. T. Lumsden. M. Hudson. A. W. McDaniels. E. J. Percival C. C. Gordon R. S. Molmess. J. E. Haney. J. E. Haney. J. E. Haney. J. H. Umbanhowar. Van Carter. Chas. Wilson. M. Leigh. W. D. Rohl H. H. Krukewitt. W. E. Heyer F. W. Howell W. J. Wilson C. E. Smoot. James Freeman James Fisher Z. Alsip. J. H. Jerham W. M. Glayton D. B. White. E. R. Canady.	do	9
1026	do	T. M. Ghere.	do	7
1027	do	T. M. Clayton.	do	1311131146442355643332232277324
1028	do	D. B. White	do	2
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To.	Date.	To whom.	For what.	Amour
1020	1913.	W To W investor	Doing anaduota francished donout	
	June 10	W. E. Womacks	Dairy products jurnished depart-	\$ 2
1031	do	F. Krukewitt S. E. Lee Wm. Herriott	ment of dairy husbandry	9 2
1033 1091	do	S E Loo	do	4
1033	do	Wm. Herriott	do	5
1034	do	C. M. Beed	_do	4
1035	do	C. A. Fogel	do	3
1036	do	E. J. Miller	do	3
1037	do	Pearl Hazen	do	3
1038	do	J. M. Herriott	do	2
1039	do	T. A. McCracken	do	3
1040		Front Choffer	do	3
1041	do	G W Miller	do	3
1043	do	Andrew Shields	do	
1044	do	O. A. Foster	.do	4
1045	do	Geo. Herriott	do	l $\tilde{7}$
1046	do	I. H. Gordon	do	4
1047	do	I. W. Maxwell	do	2
1048	do	W. C. Welch	do	2
1049	do	Peter J. Peterson	Butter	\$ 24 44 45 44 33 33 33 44 77 42 22 22 21 19
LUDU INKT	ao	C C & St I By Co	Fraight hills	2
059	do	C C C & St L Ry Co	Tright bins	10
1053	do	F. Krukewitt. S. E. Lee. Wm. Herriott. C. M. Reed. C. A. Fogel E. J. Miller Pearl Hazen. J. M. Herriott. T. A. McCracken F. H. Busey. Frank Sheffer G. W. Miller Andrew Shields. O. A. Foster. Geo. Herriott. I. H. Gordon. I. W. Maxwell W. C. Welch Peter J. Peterson. Green River Creamery Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C. O. & St. L. Ry. Co. C., C. O. & St. L. Ry. Co. C., C. & St. L. Ry. Co. C. C. C. & St. L. Ry. Co. C. C. C. & St. L. Ry. Co. C. C. C. & St. L. Ry. Co. Tred Bockelmann. Rollins Steam Specialty & Valve Co. Olney Coal & Teaming Co. Geo. W. Matheny C. A. Campbell Wm. Aten, Sr. Harrison Fahrnkopf. W. E. Braden. Frank Morgan. J. F. Johnson Stephen Rogers. Rance Sutton. A. L. Moats. Geo. W. Medley. A. E. Morris Albert Tate. W. A. E. Morris Albert Tate. W. A. Ruth. Geo. M. Hinkley H. W. Stewart. F. W. Gault. Orr Allyn. R. W. Dickenson. W. J. Fraser W. H. Brett. Augusta D. Evans Helena M. Pincomb B. S. Pickett. A. F. Krueger H. C. Lawson. L. M. Wakeley A. F. Gustafson Geo. M. Hinkley E. H. Sargent & Co. The Saffell Co. D. H. Lloyde. Mart Watterson. Ralph Smith S. Guinn. Geo. Schiff	Expenses and services	19
1054	do	Rollins Steam Specialty & Valve Co	Governors	18 19
LŎŠŜ	do	Olney Coal & Teaming Co.	Hauling	34 54 34 42 25
1056	do	Geo. W. Matheny	Expenses	54
1057	do	C. A. Campbell	do	34
1058	do	Wm. Aten, Sr	do	42
1059	do	Harrison Fahrnkopi	do	25
1061		W. E. Braden	do	745
เบยง เกดา		T E Johnson	do	51
1063	do	Stanhan Rogers	do	52 51 157 21 27
1064	.do	Rance Sutton	do	21
1065	do	A. L. Moats	do	27
1066	do	Geo. W. Medley	do	32
1067	do	A. E. Morris	do	51 62 32
1068	do	Albert Tate	do	62
1069	do	W. A. Ruth	do	32
1070	Jdo	Geo. M. Hinkley	do	27
1071 1079		H. W. Stewart.		55 10
1073	do	Orr Allyn	do	16
1074	do	R. W. Dickenson	do	28
1075	do	W. J. Fraser	do	20
1076	do	W. H. Brett	Expenses and services	20
1077	do	Augusta D. Evans	Seeds purchased	. 4
1078	do	Helena M. Pincomb	Expenses	.] 18
1079	do	B. S. Pickett	do	1
1080	do	A. F. Krueger		1 .
1060 1081	ao	I. M. Wolcolay	do	1 13
เบอ2 เกรว	do	A F Guetafson	do	20 20 11 17 13
1084	do	Geo. M. Hinkley	do	2
1085	do	E. H. Sargent & Co	Laboratory apparatus	5
1086	do	A. C. McClurg & Co.	Books	25 42 26
1087	do	The Saffell Co	Hardware.	
L088	do	D. H. Lloyde	Supplies	26
1089	June 11	Mart Watterson	Dairy products furnished depart-	-
		D-1-1-0-14	ment of dairy husbandry	
1004	do	Kaipi Smith		, ;
1000 1081	do	Goo Schiff	Bardware, Supplies. Dairy products furnished department of dairy husbandrydododododododo.	1 :
1003	do	P. P. Dunn	do	
1094	do	L. F. Bialeschski	do	3
1095	do	John Ridgelev	ldo	] 3
1096	do	Chas. Sadler	do	
1097	do	Frank Knox	do	. 4
1098	do	C. J. Gillespie	do	1 7
1099	do	E. J. Miller	do	
1100	do	Geo. Herriott	. do	ļ 8
1101	Jdo	Len Kayburn	do	1 4
1102	do	Mart Watterson  Ralph Smith S. Guinn Geo. Schiff P. P. Dunn L. F. Bialeschski John Ridgeley Chas. Sadler Frank Knox C. J. Gillespie E. J. Miller Geo. Herriott Len Rayburn Z. C. Keene. W. A. Ashworth Grant Freeman S. Kaufman & Co G. W. Miller	d0	1
110	Jao	Crant Fragmen	- 00	3 2 4
110	do	S Kanfman & Co	do	1 6
1106	de	G. W. Millar	do	1 .7
	1	W. 11 - MARIOT		η,

0.	Date.	To whom.	For what.	Amou
107	1913. June 11	A. W. McJilton	Dairy products furnished depart	
101			ment of dairy husbandry	\$
108	do	M. Cherry		
109	do	M. Cherry Cecil Pittman Harding Green H. Cherry I. T. Webb J. J. Gender A. Kroner Andrew Shields F. C. Stevenson C. J. Van Holten	do	
110	do	Harding Green	do	:
110		H. Unerry	do	
113	do	T T Gandar	do	
114	do	A. Kroner	- do	
$\overline{115}$	do	Andrew Shields	do	
116	do	F. C. Stevenson	do	
117	do	C. J. Von Holten. William Foor. The Creamery Package Mfg. Co. Eisner Grocery Co. Jolly, Wieland & Richardson Co. P. S. Campbell.	do	;
118	do	William Foor	Cows	12
119	do	The Creamery Package Mfg. Co	Supplies	1
120	do	Eisner Grocery Co	Groceries	7
121	do	Jolly, Wieland & Richardson Co	Hardware	4
192	do	G. Cramer Dry Plate Co	Simplies	. 2
				5
$\tilde{125}$	do	T. C. Thayer R. Donnelley & Sons Co	Printing.	4,37
126	do	Crane Co	Hardware	1,01
127	do ′	Illinois Stata Panitantiary	Brooms	3
128	1do	Jewell Belting Co.	Supplies	
129	do	Bryan Marsh Electric Works	do	3
130	do	G. & W. Electric Specialty Co	Junction boxes	2
131 130	do	W. E. Johns, Business Manager Electrical Engineering Show	Motorial	3
132 133	do	A. B. Storms	Honorarium and avnances	10
	do	Cable Piano Co.	Rental	10
	do	C. C. Adams	Car fare.	1
	do	Capitol Engraving Co	Drawings and etchings	_
137	do	Cunningham Bros	Drugs	
	do	N. H. Shields, Contractor	Payment on contract	5,00
139	do	Illinois Traction System	Labor and material	7
140	do	The Cutler-Hammer Mfg. Co	Machinery	1
	do	John G. Oglesby International Geological Congress	Bull calf	17
	do	J. L. Rich.	Traveling expenses	
		Illinois Water Supply Assn		1
145	do	Illinois Press Clipping Bureau	Service	
	do	Illinois State Reformatory	Printing	6
	do	Ideal Electric Co	Supplies	l
	do	C. W. Johnson U. & C. Railway , Gas & Electric Co	Hardware	
	do	U. & C. Railway, Gas & Electric Co	Fuel and light	50
190	do	J. A. Curzon		1
151	do	R. S. McInness	ment of dairy husbandrydo	
152	do	C. C. Gordon	do	
153	do	H. Wascher	do	
154	do	J. W. Cavanaugh	do	
155	do	E. Grove	do	
156	do	Lou Creiger	do	
157	do	C. C. Gordon H. Wascher J. W. Cavanaugh E. Grove Lou Creiger A. J. Putscher O. A. McInness I. H. Besore J. F. Hoy W. F. Hampton C. M. Pfeister W. H. Webb J. H. Schwengel J. E. Henderson E. J. Percival R. A. Lumsden H. C. Kaufman M. Hudson G. F. Diefenbach C. Wilson P. J. Wagner Wm. Herriott	do	
158	do	O. A. McInness	do	
160 199	ao	L. H. Besore		
161 161	uo	W F Hampton	do	
160	do	C. M. Pfaistar	do	
163	do	W. H. Webb	do	l
164	do	J. H. Schwengel.	do	
165	do	J. E. Henderson.	do	
<b>166</b>	do	E. J. Percival	do	
167	do	R. A. Lumsden	do	
168	do	H. C. Kaufman	. do	
169	do	M. Hudson	do	
170	do	G. F. Dielenbach		
171	oo	D T Wagner	do	
$\frac{172}{172}$	do	Wm Herriott	do	
174	do	C. M. Van Meter	do	
175	do	J. E. Haney	do	1
176	do	P. J. Wagner Wm. Herriott C. M. Van Meter J. E. Haney. Wm. Brown Wm. Gulick W. L. Davis Pearl Hazen W. D. Rohl J. A. R. Koch E. R. Canady R. H. Brewer	do	
177	do	Wm. Gulick	do	ļ
178	do	W. L. Davis	do	
179	do	Pearl Hazen	do	
180	do	W. D. Rohl	do	
181	do	J. A. R. Koch	do	
182	do	E. R. Canady	ao	
	1 00	IR. H. Brewer		ļ

о.	Date.	To whom.	For what.	Amour
1104	1913.	M II Dichardson	Doing products furnished depart	
1184	June 11	T. H. Richardson.  J. B. Marsh. W. J. Wilson. H. F. Ridgeley. T. M. Ghere. W. E. Womacks. Ed Heppe. E. M. Frankenburg. W. E. Yount. John Rueb. M. Leigh. G. W. Van Meter. Nicholas Hahn. C. E. Burk. David Hahn. C. E. Burk. David Hahn. C. Ross. T. F. Jordan. B. Jordan. F. H. Busey. C. A. Fogel. L. P. Rayburn. S. Herriott. C. C. Rayburn. I. W. Maxwell. W. C. Welch. L. H. Gordon. C., C., & & St. L. Ry. Co. Laura B. Evans. American Short-Horn Breeders Assn. G. Anderson. Che Sanitary Dairy.	Dairy products furnished department of dairy husbandrydodododo	\$ 4
185	do	J. B. Marsh	do	4 3 3 5 2 2 3 2 7
187	do	W.J. WUSON	do	3
188	do	T. M. Ghere.	.do	5
189	do	W. E. Womacks	do	2
190 191	do	E M Frankenhurg	do	1 6
192	do	W. E. Yount.	.do	4 8 8 2 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
193	do	John Rueb	do	2
194	do	M. Leigh	do	1 5
196	do	Nicholas Hahn	.do	3
197	do	C. E. Burk	do	1
198	do	David Hahn	do	
200	do	T. F. Jordan	.do	\$
201	do	B. Jordan	do	Ē
$\frac{202}{202}$	do	F. H. Busey	do	£ 4.
203 204	do	L P Rayburn	do	1 6
205	do	S. Herriott.	do	ì
206	do	C. C. Rayburn	do	2 2
207	do	W. C. Walch	do	
209	do	I. H. Gordon	. do	4
210	do	C., C., C. & St. L. Ry. Co	Freight bills	9
211	do	Laura B. Evans	Expenses	9
213	do	G. Anderson	Cutlery	18 33
214	do	The Sanitary Dairy	Milk	5'
215	do	The J. B. Ford Co	Cleaner	2
210	do	Champaign Seed Co	do	6
218	do	Flora Lumber Co	Lumber	"
219	do	The Foley Mfg. Co	Glass. Expensesdo	11
220	do	Flore M Sims	do do	1
222	do	H. C. Gilkerson	do	1
223	do	J. H. Carter	do	11
225	do	C H Basly & Co	do	4.
226	do	Dust-All Mfg. Co.	Sweeping compound	
1227	do	Crosby Steam Gage & Valve Co	Repairing gagesLabor and material	57 29 66 66 117 12 119 119 44
228 220	do	American Short-Horn Breeders Assn. G. Anderson The Sanitary Dairy The J. B. Ford Co. Champaign Ice Cream Co. Champaign Seed Co. Flora Lumber Co. The Foley Mg. Co. F. C. Bauer. Flora M. Sims. H. C. Gilkerson. J. H. Carter. Henry Pfau. C. H. Besly & Co. Dust-All Mg. Co. Crosby Steam Gage & Valve Co. J. B. Bennett. The Blake & Knowles Steam Pump Works.	Labor and material	1
.220		Works. C. N. Clark & Co. James B. Clow & Sons. Central Scientific Co.	Supplies. Labor. Steel rod. Laboratory supplies.	
.23U	!ao	IC. N. Clark & Co	Lapor	
$\frac{231}{232}$	ao	Cantral Scientific Co	Lehoretory supplies	12
233	do	Geo. C. Amsbary	Dry goods	1
234	do	The University of Kansas	Report	1 10
235	do	Director, U. S. Geological Survey	Printing	6
237	do	Foote Mineral Co.	Specimens	3
238	do	The University Club	Entertaining	3 16
239 240	do	The Chas. H. Elliott Co	Model	16
241	do	Central Electric Co.	Supplies.	1
242	do	W. P. Miller	Services	ا ا
243	do	J. V. Stevenson	Expenses.	[ 1:
245	do	Dallenbach Bros.	Meat.	1
246	do	C. A. Denman	Labor and material	1
247	do	G Cramer Dry Plate Co	supplies	1 3
249	do	Geo. B. Carpenter & Co	Waste	51
250	do	Electric Coal Co	Fuel	7-2
1251	do	Freeman & Brooks	Labor and material	20
253	do	The Ernon Camera Shon	Supplies	18
1254	do	Foster Bros.	Pictures	4
1255	do	A. S. Clark	Book	
1257 1257	do	Chivers Bookbinding Co	_do	}
1258	do	James B. Clow & Sons Central Scientific Co Geo. C. Amsbary. The University of Kansas. Director, U. S. Geological Survey. P. S. Campbell. Foote Mineral Co. The University Club The Chas. H. Elliott Co. W. J. Boehm. Central Electric Co. W. P. Miller. J. V. Stevenson. Chicago Calcium Light Co. Dallenbach Bros C. A. Denman Dennison Mfg. Co. G. Cramer Dry Plate Co. Geo. B. Carpenter & Co. Electric Coal Co. Freeman & Brooks. American Entomological Co. The Ernon Camera Shop Foster Bros. A. S. Clark The S. J. Clarke Publishing Co. Chivers Bookbinding Co. Che B. M. R. Assn The A. H. Clark Co. The Boston Book Co.	Steel rod. Laboratory supplies. Dry goods. Report Folios Printing Specimens Entertaining Steel plate. Model. Supplies. Expenses Cylinders and gas Meat. Labor and material Suppliesdo. Waste Fruel Labor and material Cocoons. Supplies. Pictures Book do. do. do. do. do. do. do. Books	44
1259	do	The A. H. Clark Co	do	!
20ل،	ηαο	THE DOSION DOOK CO	DUOKS	۱ '

0.	Date.	Bennett's Newspaper & Magazine Agency Urbana Courier Co. Baker & Co. F. H. Colyer. French Battery & Carbon Co. Ralph Hilscher. D. Van Nostrand Co. The Beck Duplicator Co. The Beck Duplicator Co. John H. Doyle. Detrough & Co. Underwood Typewriter Co. Vaughan's Seed Store. Automatic Electric Co. J. W. Butler Paper Co. Eisner Grocery Co. Burroughs Adding Machine Co. Flanigan-Pearson Co. Bacon Brothers. Champaign Steam Laundry. Alumni Record. The Alexander Lumber Co. H. F. Chester. Cunningham Bros. The U. of I. Supply Store. Phillips Academy. Ellen M. Henrotin. Irving-Pitt Mig. Co. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. W. W. Lindley, Postmaster. Electric Coal Co. Foley Mig. Co., Contractors. G. M. Seeber.  Geo. Schiff. Fred Rein. C. Allen. E. F. Lyon. Ralph Smith John Godsell W. H. Frame H. I. Nelson. Fred Thompson. A. R. Grindley Len Rayburn G. W. Miller. D. W. Shiveley W. E. Heyer Z. C. Keene. T. F. Jordan. C. Ross. Frank Knox. J. P. Yeazel J. E. Haney. C. M. Guard W. H. Webb E. J. Percival J. W. Cavanaugh A. G. Guard W. H. Webb E. J. Percival J. J. Langer. L. J. Califery L. J. Califery L. J. Percival J. J. L. J. Langer. L. J. Langer. L. J. Langer. L. J. Langer. L. J. Percival J. J. Langer. L. J. Langer. L. J. Percival J. J. J. Langer. L. J. Langer.	For what.	Amour
	1913.			
261	June 12	Bennett's Newspaper & Magazine Agency	Subscriptions	<b>\$</b> 6
262	do	Urbana Courier Co	Subscription	3
263	do	Baker & Co	Laboratory supplies	356
264	do	F. H. Colyer	Stamps and envelopes	1
265	do	French Battery & Carbon Co	Batteries	21
.266	do	Ralph Hilscher	Expenses	22
267	do	D. Van Nostrand Co	Počket book	4
268	do	The Beck Duplicator Co	Films	13
269	do	The Burr Co	Hardware	39
270	do	John H. Dovle	do	- 5
271	do	Derrough & Co	do	16
272	do	Underwood Typewriter Co	Supplies	96
273	do	Vaughan's Seed Store	do	13
274	do	Automatic Electric Co	do	52
275	do	J. W. Butler Paper Co	do	28
276	do	Eisner Grocery Co	Groceries	28 20
277	do	Burroughs Adding Machine Co	Labor and material	123
278	do	Flanigan-Pearson Co	Printing	123
279	do	Bacon Brothers	Paint, etc.	25
280	do.	Champaign Steam Laundry	Washing	25 9
281	do	Alumni Record	Conies	6
282	do.	The Alexander Lumber Co	Lamber	24
283	do	H. F. Chester	Service	24 26
284	do.	Cunningham Bros	Drug supplies	10
285	do	The II of I Supply Store	Stationery etc	10 119
288	do	Philling Academy	Collection of material	550
287	Tuno 12	Ellan M. Hanrotin	Evnancae	29 11
1000	June 10	Invine Ditt Mfc Co	Bindore	1 11
1200	do	O F Stoples Purser	Students' nevroll	591
200	do	O. E. Staples, Burgar	do da	2021
201	uo	O E Staples, Dursal	Sundry hills noid	521 292 70
000		W W Tindley Destmester	Postogo	233
1002		Transis Coal Co	Caraninga	1,485 1,866 7,839
1004	do	Edectric Coal Co	Powment on contract	1,400
1005		Foley Mig. Co., Contractors	rayment on contract	1,000
1290	qo	English Brothers, Contractors	Dainy and death frameigh of donant	7,839
1290		G. M. Seeder	Dairy products furnished depart-	
1000		a data	ment of dairy nusbandry	6
1297	qo	Geo. Schiff	do	3
1298	ao	Fred Rem	ao	1
1299	ao	C. Allen	do	5 1
1300	do	E. F. Lyon	do	1
1301	do	T. P. Lyon	do	-3
1302	do	Raiph Smith	do	1 3 4 2 3
1303	do	John Godsell	do	3
1304	do	W. H. Frame	do	4
1305	do	H. I. Nelson	do	2
1306	do	Fred Thompson	do	3
1307	do	A. R. Grindley	do	4
308	do	Len kayburn	ao	3
1309	do	G. W. Miller	ao	4
310	do	D. W. Shiveley	ao	10
311	do	W.E. Heyer	ao	3
312	do	Z. C. Keene.	do	4
313	do	T. F. Jordan	do	3
314	do	C. Ross	do	3 4 3 1
315	do	Frank Knox	do	4
316	do	J. P. Yeazel	do	3
317	do	J. E. Haney	do	) 3
318	do	C. M. Reed	<u>d</u> o	4
319	do	C. J. Gillespie	do	6
320	do	Wm. Van Buskirk	do	3
321	do	Chas. Abbott	do	1 3
322	do	G. O. McMorriss	do	3
1323	do	B. F. Thomas, Jr	do	3
1324	do	J. W. Willsey	do	5
1325	June 14	English Bros., Contractors	Payment on contract	5, 238
1326	June 16	Mart Watterson.  J. W. Cavanaugh. A. G. Guard. W. H. Webb. E. J. Percival. Lou Creiger. David Wilkin. I. H. Besore. E. Grove. A. J. Putscher.	Dairy products furnished depart- ment of dairy husbandry	3
1327	do	J. W. Cavanaugh	do	1 2
1328	do	A. G. Guard	do	1
1329	do	W. H. Webb	. do	1 2
1330	do	E. J. Percival	do	( ī
1331	do	Lou Creiger	do	333
1339	do	David Wilkin		) š
1332	do	T. H. Besore	00b	ĭ
-000		E Grove	do	3
1334				

	Date.	To whom.	For what.	Am
	1913.	,		
36	June 16	W. F. Hampton	Dairy products frunished depart-	1 8
37	do	G. F. Diefenbach L. F. Lindsey R. T. Lumsden	do	4
38	do	L. F. Lindsey	do	
39	do	R. T. Lumsden	do	1
41	do	O. W. Hampton	do	
42	do	R. A. Lumsden	do	
43	do	J. F. Hoy O. W. Hampton R. A. Lumsden J. H. Schwengel	do	
44 45	do	C. C. Gordon	do	
46	do	R. S. McInness	do	
47	do	O. A. McInness	do	
18 19		C M Pfeister	do	l
50	do	M. Hudson.	.do	
51	do	J. M. Stickrod	do	
52 53	do	F. H. Busey	do	
54	do	W. E. Womacks	do	
55	do	S. E. Lee	do	
56 57	do	James Fisher	do	
58	do	J. H. Schwengel. H. C. Kaufman C. C. Gordon R. S. McInness O. A. McInness Geo. Taylor C. M. Pfeister M. Hudson J. M. Stickrod F. H. Busey H. F. Ridgeley W. E. Womacks S. E. Lee James Fisher John Rueb Ed Huckins Van Carter T. M. Clayton J. A. R. Koch J. H. Rutan H. H. Krukewitt David Hahn James Freeman L. Cornett L. Cornett L. C. Carenet C. C. A. C. O. A. M. Condon. C. C. A. C. O. A. C. O. C.	.do	
59	do	Van Carter	do	1
30 31	do	T. M. Clayton	do	1
32	do	J. H. Rutan	do	,
33	do	H. H. Krukewitt	do	
34	do	David Hahn	do	}
35 36	do	J. Cornett	do	l
37	do	James Freeman J. Cornett W. J. Wilson E. S. Hayes	.do	
	do	E. S. Hayes.	do	
	do	Z. Alsin	do	
71	do	G. H. Spencer	do	
72	do	E. S. Hayes E. R. Canady Z. Alsip G. H. Spencer M. Leigh W. D. Rohl J. A. Curzon Geo. Herriott C. A. Fogol	do	
73 74	do	J. A. Curzon	do	ĺ
75	do	Geo. Herriott	do	
76 77	do	C. A. Fogel	do	
78	do	T. M. Guvm	-do	
79	do	W. W. Herriott	do	
30 31	do	Geo. Herriott C. A. Fogel. F. C. Stevenson T. M. Guym W. W. Herriott W. L. Davis A. G. Krukewitt C. M. Van Meter G. W. Van Meter A. J. Wright E. J. Miller J. D. Perham J. M. Herriott	do	
32	do	C. M. Van Meter	-do	
33	do	G. W. Van Meter	do	
34	do	A. J. Wright	do	ļ
36	do	J. D. Perham	.do	i
37	do	J. M. Herriott	do	
38 39	do	U. F. Gulick	00	
00	do	A. W. McJilton	do	
1	do	T. A. McCracken	do	
)2 )3	ob	U. H. Gordon		
)4	do	I. W. Maxwell	.do	
5	do	The Kansas City Impregnator Co	Supplies	
)6 )7	do	K. U. Wagner & Son	Chicks and eggs	
8	do	Twin City Feed Mill & Coal Yard	Grinding	
99	do	F. M. Simpson	Vegetables	
)0 )1	do	J. W. Groves, Secretary	Harrow	
)2	do	E. J. Miller. J. D. Perham J. M. Herriott. O. F. Gulick E. W. Morrison A. W. McJilton. T. A. McGracken I. H. Gordon W. C. Welch I. W. Maxwell The Kansas City Impregnator Co. R. C. Wagner & Son. White Poultry Farm. Twin City Feed Mill & Coal Yard F. M. Simpson. J. W. Groves, Secretary E. G. Mendenhall Monahan Antiseptic Co Library Bureau Meyer Bros Monarch Electric & Wire Co. Alfred Bergren J. W. Smith. C. C. Logan. J. E. Whitchurch H. W. Stewart F. W. Garrett A. F. Gustafson. F. A. Fisher.	Soap	
)3	do	Library Bureau	Cards	
)4 )5	do	Monarch Electric & Wire Co	Dry goods	
)6 )6	do	Alfred Bergren	Expenses.	ĺ
07	do	J. W. Smith	do	
28	do	C. C. Logan.	do	
09 10	do	H. W. Stewart	do	
11	do	F. W. Garrett	do	
12	do	A. F. Gustafson	do	

To.	Date.	To whom.	For what.	Amour
	1913.			
1414	June 16	R. W. Dickenson	Expenses	\$ 34
1415 1416	do	R. W. Dickenson. H. C. Wheeler F. W. Wascher O. S. Watkins. Merrell-Soule Co.	do	\$ 34 87 33
$\frac{1410}{1417}$	do	C S Wething	do	33
1418	do	Merrell-Soule Co	Milk nowder	34
1419	do	Pyrene Co.	Extingusiher	7
1420	do	Good Manufacturing Co	Metal supplies	12 11
1421	do	Western Electric Co	Paste and solder	11
1422	do	The Storrs & Harrison Co	Plants	8 12
1423	do	Twin City Roofing & Sheet Metal Works	Labor and supplies	12
1424	do	Twin City Electric Co	Awnings	8
1420	do	The Honory Inching Co	Man sacks	0
1420	do	Geo R Corportor & Co	Cotton weste	8 6 2 22 4 12
1428	do	The Garlock Packing Co	Packing	4
1429	do	J. B. Clow & Sons	Hydrant	12
1430	do	Weston Electrical Instrument Co	Repairing	5 7 44
1431	do	Hoskins Manufacturing Co	Supplies for furnace	7
1432	do	F. M. Leslie	Pictures and frames	44
1433	do	Western Carbon & Ribbon Co	Paper	12 56
1434	do	The Hart & Hutchinson Co	Lockers	56
1435 1492	00	waru's Natural Science Establishment	Specimens	55 21
1430 1427	ao	The A. E. Price Co.	T.ahor	5
1438	o.	R. A. Richards Co	Typewriter supplies	90
1439	do	A. G. Spalding & Bro	Tennis nets	20 9 5
1440	do	J. B. Lippincott Co	Book	5
1441	do	F. W. Wascher O. S. Watkins Merrell-Soule Co. Pyrene Co. Good Manufacturing Co. Western Electric Co. The Storrs & Harrison Co. Twin City Roofing & Sheet Metal Works Twin City Rectric Co. Pecoria Tent & Awning Co. The Hancock Inspirator Co. Geo. B. Carpenter & Co. The Garlock Packing Co. J. B. Clow & Sons. Weston Electrical Instrument Co. Hoskins Manufacturing Co. F. M. Leslie. Western Carbon & Ribbon Co. The Hart & Hutchinson Co. Ward's Natural Science Establishment. W. J. Gerhard. The A. E. Price Co. R. A. Richards Co. A. G. Spalding & Bro. J. B. Lippincott Co. Supply Department of Marine Biological Laboratory E. M. Moll. Illinois Press Clipping Bureau. The Hektograph Mig. & Dup. Co. G. P. Putmam's Sons Graves & Wilson International Harvester Co. W. Heffer & Sons. Metzler & Schafer Co. Hunter, Rourke & Co. Henrick & Stoltey. A. L. Hardy Frederich Rausch. Partagraph Printing & Stationery Co. Illinois Motor Car Sales Co. B. L. Bowling. Wm. Gaertner & Co. Western Valve Co. W. T. Norton. E. S. Clayton, Publisher. Doutsche Zentrale fur Jugendfursorge. Pickering & Chatto. C. Klincksieck. Karl W. Hiersemann.		•
	_	Laboratory	Dogfish heads	6
1442	do	E. M. Moll	Cells and gasoline	5
1443	do	Illinois Press Clipping Bureau	Service	10
1444	do	The Hektograph Mig. & Dup. Co	Duplicators refilled	14
1440 1446	do	Crawag & Wilson	Tmplements	00
1447	do	International Harvacter Co	Rangire	29
1448	do	W. O. Wilson	Livery service	8 29 1 24 4
1449	do	H. C. White Co	Print and slides	4
1450	do	W. Heffer & Sons	Books	10
1451	do	Metzler & Schafer Co	Groceries	124 1
1452	do	Hunter, Rourke & Co	Cement	1
1453	do	Herrick & Stoltey	Livery service	16
1455	do	A. L. Hardy	Photo prints	6
1456	do	Pantagraph Printing & Stationery Co.	Errata chaste	38 12 1
1457	do	Illinois Motor Car Sales Co	Livery service	1 1
1458	do	B. L. Bowling	Car fare and repairs.	$\bar{3}$
1459	do	Wm. Gaertner & Co	Laboratory apparatus	18
1460	do	Western Valve Co	Valves	47
1461	do	W. T. Norton	Book	3 18 47 3 5 1
1402	do	E. S. Clayton, Publisher		) b
1464		Pielsene Zentrale für Jugendfürsorge	do	1 1
1465	do	C. Klineksjock	do	6
1466	do	Karl W. Hiersemann	do	5
1467	do	Munsell Publishing Co	dododoBooks.	45
1468	do	Ludwig Rosenthal	. do	1 1
1469	do	Ch. Chādenat	do	27 11
1470	do	Dultz & Co	do	11
1471	do	K. Friedlander & Sohn	. do	50
14/2	ao	The Kry Schoorer Co	Chasimons	11 10
1474	uo	Toganh Roar & Co	Rooks	10
1475	- do	Ernst Legler	do do	4
1476	do	J. Terquem & Cie	. do	95
1477	do	Alfred Bull	do	2
1478	do	Max Weg	do	6
1479	do	Francis Edwards	do	2
1480	do	E. S. Clayton, Publisher Deutsche Zentrale fur Jugendfursorge. Pickering & Chatto C. Klincksieck. Karl W. Hiersemann. Munsell Publishing Co. Ludwig Rosenthal. Ch. Chadenat. Dultz & Co. R. Friedlander & Sohn. O. Staudinger & A. Bang-Haas. The Kny-Scheerer Co. Joseph Baer & Co. Ernst Legler. J. Terquem & Cie. Alfred Bull. Max Weg. Francis Edwards. A. Hermann & Fils. Illinois Printing Co. The W. S. Tyler Co. Hibbard, Spencer, Bartlett & Co. Grace V. Swan. George Strode. The Thompson & Norris Co. Stipes & Pilcher Ulrico Hoepli L. A. Hunter	.do .do Bulletins Brass sieves Water coolers Expenses	95 2 4 95 2 6 2
1481	do	Illinois Printing Co	Bulletins	119
1482	0	Hibbard Spanger Bartlett & Co	Water coolers	31
1480	uo	Grace V Swen	Evnences	19
1485	do	George Strode	Awnings	11
1486	do	The Thompson & Norris Co	Book wraps	A
1487	do	Stipes & Pilcher	Book wraps. Labor and material. Freight.	77
1488	do	Ulrico Hoepli	Freight	1
1489	do	L. A. Hunter Galesburg Buggy Co. W. W. & E. D. Hanes Meat Market	Expenses	10 150
	do	Galesburg Buggy Co	Implements	150
1491	do	W. W. & E. D. Hanes Meat Market	Meat	2

0.	Date.	To whom.	For what.	Amou
	1913.	Kewaunee Mfg. Co. The Western Gas Fixture Co. W. W. Walls & Co. S. E. Huff & Co. W. Lewis & Co. G. C. Willis. Western Roofing & Supply Co. C. A. Hall Hardware Co. Reliable Plumbing & Heating Co. The Taylor Hardware Co. A. C. McClurg & Co. G. E. Stechert & Co. John Davis. Otto Harrassowitz. Spalding & Quirk. J. C. Thomas. Mittendorf & Kiler B. F. Stevenson & Son General Electric Co. C. E. Prentice.		
492	June 16	Kewaunee Mfg. Co	Weighing stool	\$ 2 107
493	do	The Western Gas Fixture Co	Electrical supplies	107
494	qo	W. W. Walls & Co	Lumber	94 38
495	do	S. E. Huii & Co	d0	38
1490	do	C C Willie	do do	4
408	do	Western Roofing & Supply Co	Supplies	25 25 28
499	do	C. A. Hall Hardware Co	do	28
500	do	Reliable Plumbing & Heating Co	do	58
501	do	The Taylor Hardware Co	do	14
502	do	A. C. McClurg & Co	Books	70
503	do	G. E. Stechert & Co	do	14 70 301 8 37 6 27 118
504	do	John Davis	do	.5
505	do	Otto Harrassowitz	do	37
505	do	Spaiding & Quirk	Drugs	ا (
500		J. C. Thomas	Hardware	111
500	do	P F Stavengen & Son	Crocorios	116
510		Concrel Floatric Co	Groceries Supplies and labor Rack and dippers Fuel	205
511	do	C. E. Prentice	Rack and dinners	20,
512	do	Electric Coal Co	Firel	140
513	- do	General Electric Co. C. E. Prentice Electric Coal Co. L. C. Smith Bros. Typewriter Co. A. O. Magnuson. G. W. Sheldom & Co. Twin City Printing Co. Twin City Printing Co. Twin City Lee & Cold Storage Co. F. W. Woolworth & Co. Ernst Hertzberg & Sons. D. H. Lloyde. The Frederick Post Co. National Engraving Co. O'Byrne Transfer & Storage Co. E. J. Lake. F. M. Porter Geo. Schiff.	Rental Blue prints, slides, etc. Fees and charges Printing	140 140
514	do	A. O. Magnuson.	Blue prints, slides, etc.	35
515	do	G. W. Sheldon & Co	Fees and charges	38
516	do	Twin City Printing Co	Printing	19
517	do	Twin City Ice & Cold Storage Co	Printing Lice Tumblers Book binding Office supplies Drawing supplies Etching and half tones Service Services.	19
518	do	F. W. Woolworth & Co	Tumblers	97
519	do	Ernst Hertzberg & Sons	Book binding	97
520	do	D. H. Lloyde	Office supplies	16
521	do	The Frederick Post Co	Drawing supplies	22
522	do	National Engraving Co	Etching and half tones	158 158 177
523	do	O'Byrne Transier & Storage Co	Service	1 12
1024 1595	do	E. J. Lake	Services	177
526	Tuno 17	Coo Schiff	do Dairy products furnished depart- ment of dairy husbandry	111
.020	June 17	(460. Bellin	ment of dairy hishandry	1 .
527	o.b.	Ralph Smith P. P. Dunn J. Englehart W. Wascher G. M. Seeber	do	1 3
528	do	P. P. Dunn	do	
529	do	J. Englehart	. do	1 3
530	do	W. Wascher	do	1 :
531	do	G. M. Seeber	do	,
1532	do	Lou Davis	do	1
.533	do	J. M. Stickrod	. do	1 4
.534	do	W. H. Frame	. do	1 :
535	do	Grant Freeman		1 .
.530	ao	D. W. Shiveley		1 :
500	do	7 C Forms		1 :
520	do	Lon Dowburn	do	
540	40	Wm Brown	do	1
541	do	Chas Sadler	do	
542	do	T. A. McCracken	do	1
543	do	C. M. Reed	do	
544	do	A. Kroner	do	
545	do	Frank Knox.	do	
546	do	B. F. Thomas, Jr	do	
547	do	C. J. Gillespie	do	.1
548	do	H. J. Moorehouse	do	.] :
549	do	C. Pittman	do	
550	do	M. Cherry	. do	
551	do	Frank Sheffer	. do	.[ .
552	do	G. C. Cochran	. do	1 '
553	do	S. T. Carter	. do	1
554	do	S. Kauiman & Co	. 00	1 :
.000	do	U. A. FOSIEF		1
557		Androw Shields	do	1
1557	do	T F Torden	do	1
しららの	do	W. Wascher. G. M. Seeber. Lou Davis. J. M. Stickrod. W. H. Frame. Grant Freeman. D. W. Shiveley. W. A. Coonce. Z. C. Keene. Len Rayburn Wm. Brown Chas. Sadler. T. A. McCracken. C. M. Reed. A. Kroner. Frank Knox B. F. Thomas, Jr. C. J. Gillespie. H. J. Moorehouse C. Pittman. M. Cherry. Frank Sheffer G. C. Cochran. S. T. Carter. S. Kaufman & Co O. A. Foster J. Hubbard Andrew Shields T. F. Jordan. J. E. Haney.	do	1
1560	do	E Iordan	do	] .
1561	do	C. Ross	do	1 :
เรียง	do.	L. F. Bialeschski	do	j
1567	- do	E. P. Ott	do	
1564	do	C. E. Burk	. do	.1
1565	do	G. C. Gordon	. do	2
1566	do	Cora Stacker	. do	.1
1567	do	Andrew Shields T. F. Jordan: J. E. Haney E. Jordan. C. Ross L. F. Bialeschski. E. P. Ott. C. E. Burk G. C. Gordon. Cora Stacker R. W. Graham J. M. Smith John McCullough	. do	
IERC	3 do	J. M. Smith	. do	2
LOUG				

0.	Date.	To whom.	For what.	Amou
	1913.			
570		S. Atchinson	Dairy products furnished depart-	
571	do	Illinois Central R. R. Co	ment of dairy husbandry Freight bills	\$ 6
572	do	C., C., C. & St. L. Ry. Co. Eisner Grocery Co. E. L. Lawson. Geo. I. Alden	do	18
573	do	Eisner Grocery Co	Supplies	35
574	do	E. L. Lawson	Expenses	32
575	do	Geo. I. Alden	Machinery	1,88
570	June 18	Arithstyle Co	Charges	55
578	do	W W Lindley Postmoster	Advance nostage	50
579	June 19	Arithstyle Co O. E. Staples, Bursar W. W. Lindley, Postmaster J. D. Perham	Dairy products furnished department of diary husbandry	
580	do	E. R. Canady R. H. Brewer	1 40	) .
581	do	R. H. Brewer	do	1 :
582	do	Wm. Case	do	
583	do	Zillah Whitehead	do	:
584	do	Ed. Heppe	do	1 :
508	oo	W. J. WIISOII	do	
587	do	Wm Harriott	do	:
588	do	Geo. Herriott.	do	;
589	do	C. A. Fogel	do	:
590	do	J. A. R. Koch	do	
591	do	Pearl Hazen	do	
1592	do	Z. C. Keene	do	1 :
1593	do	E. K. Canady E. H. Brewer Wm. Case Zillah Whitehead Ed. Heppe. W. J. Wilson J. F. Hubbard Wm. Herriott Geo. Herriott C. A. Fogel J. A. R. Koch Pearl Hazen Z. C. Keene. J. H. Umbanhowar W. E. Yount D. B. White C. C. Rayburn L. P. Rayburn E. H. Busey S. Herriott W. E. Satterfield H. F. Ridgeley T. M. Guym J. B. Marsh S. Kaufman & Co P. J. Wagner Fred Krukewitt John Rueb M. Leigh T. M. Ghere. F. H. Richardson Lou Creiger A. J. Putscher W. F. Hampton E. Grove L. F. Lindsey G. F. Dieenbach J. E. Henderson S. Guinn Ralph Smith	00	1 :
1594	ao	W.E. Yount	do	
เรยย	do	C. C. Powburn	do	
1507	do	I. P Royhurn	do	
1598	.do	F. H. Busey	do	}
1599	do	S. Herriott	do	
600	do	W. E. Satterfield	do	
1601	do	H. F. Ridgeley	do	
L602	do	T. M. Guym	. do	
1603	do	J. B. Marsh	do	1
1604	do	S. Kaulman & Co		
LOUG		Frod Vryskowitt	do	
しらいて		Tohn Ruch	do	· ·
เลกร	do	M. Leigh	do	1
1609	do	T. M. Ghere.	do	1
1610	do	F. H. Richardson	do	1
1611	do	Lou Creiger	do	1
1612	do	A. J. Putscher		1
1614	do	W. F. Hampton	do	
1615	do	T. F. Lindsov	do	
1616	do	G F Diefenhach	do	
617	do	J. E. Henderson	do	
618	do	S. Guinn	do	
<b>L619</b>	do	Ralph Smith	do	.]
620	do	J. W. Cavanaugh	. do	
621	do	J. E. Henderson S. Guinn Ralph Smith J. W. Cavanaugh H. C. Kaufman C. C. Gordon J. H. Schwengel J. F. Hoy	do	1
1622	do	U. U. Gordon		-
1023 1697	do	T F Hov	do	1
1624 1625	do	O A McInness	do	1
1626	do	O. A. McInness R. S. McInness I. H. Besore	do	1 .
	do	I. H. Besore	do	
1628	do	W. H. Webb	do	
	do	M. Hudson	do	. !
	. do	David Wilkins	. do	. [
1631		E. J. Percival.		1
	do		do	1
	do	C. J. Von Holten	do	
1635	do	I.J. W. Willse⊽	. do	. 1
1636	do	C. M. Van Meter	. do	
1637	do	G. W. Van Meter	do	
1638	do	C. M. Van Meter G. W. Van Meter H. Cherry	. do	.ļ
1630	ו ממ	i Nicholae Hahn	1 40	
1640	do	Hardin Green Andrew Shields	00	
1641 1640	do	Ches Wilson	do	
1642 1642	uo	Rurley & Co	Chinawara	
1644	do	Andrew Snields Chas. Wilson. Burley & Co. Burroughs Adding Machine Co. Frison Carriage Shop. Korten Bros. Co.	Services	
1645	do	Frison Carriage Shop	Hardware	
1010	do	Korten Bros. Co	Coffee	1

Vo.	Date.	To whom.	For what.	Amou
	1913.	International Harvester Co. Chas. E. Mueller & Co. Twin City Creamery Co. Twentieth Century Press Clipping Bureau A. S. Nelson & Sons Geo. Strode W. R. Bradley & Co. R. C. Lawrie F. C. Hubbard The Chicago Packing House Market Albert Pick & Co. National Biscuit Co. H. Loeb Tuttle & Clark J. Bowman H. A. Aldrich & Co. John Reichard N. W. Hepburn.		
1647	June 19	International Harvester Co	Sparker	\$ 12 13
1648	do	Chas. E. Mueller & Co	Ice book.	1:
1649	do	Twin City-Creamery Co	Butter	40
1851		Twentieth Century Press Clipping Bureau	Cagalina	1
1652	do	Geo Strode	Awnings	1
1653	do	W. R. Bradley & Co.	Ice cream	20
1654	do	R. C. Lawrie	Chicken.	53 225
1655	do	F. C. Hubbard	Alfalfa	53
1656	do	The Chicago Packing House Market	Meat	225
1657	do	Albert Pick & Co	Supplies	17
1658	do	National Biscuit Co	do	]
6609	do	H. LOOD	Sacks	1
1661	do	T Rowmon	Hordwore	1/
662	do	H A Aldrich & Co	Lumber	15
663	.do	John Reichard	Corn	14 15 263
664	do	N. W. Hepburn	Expenses	27
665	do	Edward Krait	Copper sulphate	- 5
1666	do	E. A. Eichorst	Labor and supplies	7
ا667	do	E. A. Fitch	Copy of records	15
668	do	Dryer & Burt	Corn Expenses Copper sulphate Labor and supplies Copy of records Grain Advertising	15 173 10
1669	do	Technical Publishing Co	Advertising	10
670	ao	H. Loeb. Tuttle & Clark J. Bowman. H. A. Aldrich & Co. John Reichard N. W. Hepburn. Edward Kraft. E. A. Eichorst. E. A. Fitch. Dryer & Burt. Technical Publishing Co. "Power". Western Kieley Steam Specialty Co. The Danville Water Co. Corbin Cabinet Lock Co. General Chemical Co. H. McGlade. Exide Battery Depots.	Grain Advertising .do Pump governor Calcium hypochlorite Keys Supplies Repairs Connectors Sieve Rubber gloves Supplies Expenses Slides Book Subscription Expenses Wall stack Zincs and halttones Fuel Tuning fork Reamer Labor and material Plantmeters	15
679	uo	The Denville Weter Co	Calcium hypochlorite	18
673	do	Corbin Cabinet Lock Co	Kevs	1
674	do	General Chemical Co	Supplies	19
675	do	H. McGlade	Repairs	3
676	do	Exide Battery Depots	Connectors	2
1677	do	Howard & Morse	Sieve	4 1
678	do	S. C. Tucker	Rubber gloves	1
679	do	Gustav Stickley	Supplies	.7
680	do	Exide Battery Depots. Howard & Morse. S. C. Tucker. Gustav Stickley. G. A. Goodenough. H. J. McFarland Co. A. N. Marquis & Co. Bennett's Newspaper & Magazine Agency R. K. Hursh. Art Metal Construction Co. Osgood Co.	Expenses	23 104
681	00	H. J. McFarland Co	Slides	104
602		Ronnettia Novembra & Co	Cubagaintian	5
600	do	R K Hurch	Evnances	9 17
685	do	Art Metal Construction Co	Wall stack	54
686	do	Osgood Co.	Zincs and halftones	16
687	do	Electric Coal Co	Fuel	16 109
1688	do	Wm. Gaertner & Co	Tuning fork	1
1689	do	H. Mueller Mfg. Co	Reamer	4
690	do	Westinghouse Electric & Mfg. Co	Labor amd material	49 49
691	do	Eugene Dietzgen Co	Plantmeters	49
602		Pittsburg Motor Co	Gundies	$\frac{12}{30}$
604	do	Bogert Ges Power Engineering Co	Packing rings	19
695	do	I Terguem & Cie	Books	12 30
696	do	The Classical Assn. of the Atlantic States	Subscription	1
697	do	The Cadmus Book Shop	Book	2
698	do	Ernst Hertzberg & Sons	Bookbinding	229
699	do	Ernst Hertzberg & Sons	do	2 229 76
700	do	Lewis Electric Supply Co	Electric supplies	840
701	do	Bellows Brothers	Bull	840
702	op	Worgan's Rug Mfg Ca	Lapor and material	1
703	ao	Champaign Gas & Electric Supply Co	Electric supplies	40
705	do	The Urbana Courier Co	Bulletins	40 87 14
706	do.	Peck & Hills Furniture Co	Furniture	14
707	do	G. W. Beardslev	Expenses.	10
708	do	M. R. Carlson	do	16
709	do	Garfield Jones	do	6
710	do	Bennett's Newspaper & Magazine Agency R. K. Hursh. Art Metal Construction Co. Osgood Co. Electric Coal Co. Wm. Gaertner & Co. H. Mueller Mfg. Co. Westinghouse Electric & Mfg. Co. Eugene Dietzgen Co. Crane Co. Pittsburg Meter Co. Bogart Gas Power Engineering Co. J. Terquem & Cie. The Classical Assn. of the Atlantic States. The Cadmus Book Shop. Ernst Hertzberg & Sons. Lewis Electric Supply Co. Bellows Brothers. C. W. Johnson. Morgan's Rug Mfg. Co. Champaign Gas & Electric Supply Co. The Urbana Courier Co. G. W. Beardsley M. R. Carlson. Garfield Jones. W. E. Braden. Paul Hansen. J. G. Biddle. Watson Mfg. Co., Contractors. The Inner-Brace Chair Co. Louis F. Nafis. Earthman Lumber Co. Schermerhorn Bros. Co. The Curiar Rubber & Supply Co. The Typin Hardware Co. Schermerhorn Bros. Co. School Science & Mathematics. J. L. Rich. Florence E. Watson. Harvard College Library Democrat Printing Co. F. D. Lambert:	Clover seed	120
711	do	Paul Hansen	Expenses.	28
/12	do	J. G. Biddle	water tester	118
714	op	watson Mig. Co., Contractors	Chairs	615
715	o	Louis F Nofis	Rutter hottles	285 3
716	do	Earthman Lumber Co	Posts	253
717	do	Schermerhorn Bros. Co	Maps	36
718	do	The Central Rubber & Supply Co	Belt	9
719	do	The Taylor Hardware Co	Sash cord.	9
720	do	School Science & Mathematics	Reprints	$\bar{2}$
721	do	J. L. Rich	Expenses	ī
722	do	Florence E. Watson	do	52 21
723	do	School Science & Mathematics. J. L. Rich. Florence E. Watson. Harvard College Library. Democrat Printing Co. F. D. Lambert.:	Cards	21
724	do	Democrat Printing Co	Book list	4 17
		F. D. Lambert	Laboratory supplies	17

o.	Date.	To whom.	For what.	Amou
	1913.	The Toledo Metal Furniture Co Irving-Pitt Mig. Co. National Engraving Co. E. H. Sargent & Co. Flanigan-Pearson Co The Miller Harness Co. Twin City Ice & Cold Storage Co. A. C. McClurg & Co. W. W. Walls & Co. Louis Ely & Co. Cumingham Bros. Champaign Steam Laundry. H. F. Chester D. H. Lloyde H. A. Harding W. J. Smith. Geo. B. Carpenter & Co. Hibbard, Spencer, Bartlett & Co. Percival & Moorehead F. K. Robeson. W. Lewis & Co. General Electric Co. General Electric Co. J. W. Butler Paper Co. Louden Machinery Co. Geo. Schiff. C. Allen. J. Godsell.		
1726	June 19	The Toledo Metal Furniture Co	Cabinet	\$ 1
1727	do	Irving-Pitt Mfg. Co	Office supplies	2
1728	do	National Engraving Co.	Zincs and halftones	8
1729	do	E. H. Sargent & Co	Laboratory supplies	50
730	do	Flanigan-Pearson Co	Printing	50
731	do	The Miller Harness Co.	Renairs and polish	
732	do	Twin City Ice & Cold Storage Co.	Tce	1
1733	do	A C McClurg & Co	Books	3
734	do	W W Walls & Co	Lumber	3
735	do	Louis Elv & Co	Rangiring	1
1736	do	Cunningham Bros	Drug supplies	
737	do	Champaign Steam Laundry	Washing	2
730	do	H F Charter	Lahor and carvice	4:
730	do	D H Lloyde	Stationary atc	2
740	do	H A Harding	Expanses	1
1741	do	W I Smith	Supplies and apparetus	î
レイチエリ	do	Coo B Corportor & Co	Chain hoist	1
742		The Prop Co	Ulandwore	1 32
1744		Hibbard Changer Doublett & Co	do.	2
1744	do	Poroivol & Moorobos	do.	1
1740	ao	F Z Pohogon	Dry goods	7.
1740		T . I. DODESOH	ni à 80002	1 1
1747	ao	Control Floatrio Co	Cumplies	1 4
1748	00	Conoral Electric Co	ouppnes	4
1749	o	General Electric Co		5
1750	ao	J. W. Butler Paper Co		1
161	ao	Louden Machinery Co	Dainer and duote furnished descent	26
152	June 20	Geo. Schiff.  C. Allen J. Godsell A. R. Grindley Ralph Smith H. I. Nelson Fred Thompson. T. P. Lyons G. Taylor C. W. Pfeister G. W. Miller D. W. Shiveley C. M. Reed B. F. Thomas, Jr C. J. Gillespie C. Mas Abbott J. D. Tiltman F. C. Stevenson W. E. Heyer Len Rayburn C. E. Smoot. C. Ross J. A. Daeger E. J. Miller B. Jordan T. F. Jordan Tostal Telegraph Co., Champaign. Western Union Telegraph Co., Urbana.	Dairy products turnished depart-	
	a.	G 411	ment of diary husbandry	
753	ao	U. Allen	do	
754	do	J. Godsell		
755	do	A. R. Gringley	do	
1756	do	Raiph Smith	do	1
1757	do	H. I. Neison	do	
1758	do	Fred Thompson	do	1
1759	do	T. P. Lyons	do	
1760	do	G. Taylor	do	
1761	do	C. W. Pfeister	do	
1762	do	G. W. Miller	do	
1763	do	D. W. Shiveley	do	
1764	do	C. M. Reed	do	
1765	do	B. F. Thomas, Jr	do	
1766	do	C. J. Gillespie	do	
1767	do	Chas. Abbott	do	
1768	do	J. D. Tiltman	do	1
1769	do	F. C. Stevenson	do	1
1770	do	W. E. Heyer	do	
1771	do	Len Rayburn	do	3
1772	do	C. E. Smoot	do	
1773	do	C. Ross	do	
L774	do	J. A. Daeger	do	
L775	do	E. J. Miller	do	}
776	do	B. Jordan	do	
L777	do	T. F. Jordan	do	
1778	do	Postal Telegraph Cable Co., Champaign.	Service	
1779	do	Western Union Telegraph Co., Cham-	1	l
		paign	do	4
780	do	Western Union Telegraph Co., Urbana.	do	2
1781	مة ا	Western Union Telegraph Co. Cham-		1
	,	paign	do:	1
1782	do	Wilson Eyre & McIlvaine	Express	1
1783	do	paign. Wilson Eyre & McIlvaine. E. A. Eichorst.	Harness and repairs	
1784	do	The Creamery Package Mfg. Co	Supplies and repairs	
1785	do	Morrill & Morley Mfg. Co	Strainer	
L786	do	[W. O. Wilson	Livery service	3.
1787	do	Orr Allyn	Expenses	1
L788	do	H. W. Stewart	do	3
1789	do	R. W. Dickenson	do	2
1790	do	E. A. Elchorst The Creamery Package Mfg. Co. Morrill & Morley Mfg. Co. Or Wilson Orr Allyn H. W. Stewart R. W. Dickenson W. M. Powell	do	2
				וס ן
1792	do	A. F. Gustafson	do	4
1793	do	A. F. Gustafson. W. C. Coffey. W. M. Taylor.	do	
1794	do	W. M. Taylor	Expenses and supplies	}
1795	do	Clifford Peterson	Tools.	1
1796	ldo	Buffalo Meter Co	Disc	1 :
1797	do	Buffalo Meter Co	Light bulbs	6
1798	l do	W. R. Bradley & Co	Frappe	2
1799	dodo	P. Blakiston's Son & Co.	Apparatus	-
	do	B. S. Pickett	Freight	3
LXIII			,	

0.	Date.	To whom.	For what.	Amou
	1913.			
802	June 20	Sears, Roebuck & Co. C. H., Farthing G. W. Sheldon & Co. The Boston Book Co. Shea, Smith & Co. Illinois Magazine T. J. Burrill Standard Oil Co. B. A. Strauch Stipes & Hecker B. F. Stevenson & Son T. H. Craig Percival & Moorehead The Burr Co.	Hose	\$ 31
803	do	C. H. Farthing	Service	50
804	do	G. W. Sheldon & Co	Fees and charges	24 19
805	do	The Boston Book Co	Books	19
806	do	Shea, Smith & Co	Post scale	3
807	do	Illinois Magazine	Copies	70
808	ao	T. J. Burrin	Allowance	250 16
809		Standard Oll Co	Dhoto gumpling	16
011		D. A. Strauch	Proto supplies	3
911		D. E. Sterrenger & G	Organisa material	62
012		m II Chair	Modele	12
014	uo	Popoival & Moorehood	Hordwore	21 15
815	uo	Percival & Moorehead. The Burr Co. Central Electric Co. G. E. Stechert & Co. The Western Gas Fixture Co. R. C. Wagner & Son. H. P. Rusk. Illinois Central R. R. Co., Champaign. C., C., C. & St. L. Ry. Co., Urbana. C. C. Gr	do da	16
816		Control Floatric Co	Gunnling	30
817	uo	C E Stochart & Co	Poole	30
818	do	The Western Cos Firture Co	Gunnling	96
819		P. C. Wogner & Com	Hauling	900
820		R. C. Wagner & Son	E-manag	53 89 290 71
820 821		H. P. KUSK	Expenses	4
821		ininois Central R. R. Co., Champaign	r reight	41 29
322		C., C., C. & St. L. Ry. Co., Urbana	Dainer mandarata francisco de doment	28
823	June 23	C. C. Gordon	Dairy products jurnished depart-	١,
	a	D. G. 35-T	ment of dairy nuspandry	}
324	ao	K. S. MCINNESS		,
325 326	do	Mart watterson		5
526	ao	R. S. McInness. Mart Watterson. H. C. Kaufman David Wilkin M. Hudson J. F. Hoy E. Grove		
327	qo	David Wilkin	uo	3
328	do	M. Hudson		1 3
329	qo	J. F. Hoy		1 :
330	do	E. Grove		
331	do	J. F. Hoy Lou Creiger R. A. Lumsden A. J. Putscher J. E. Henderson W. F. Hampton O. W. Hampton J. M. Stickrod J. H. Schwengel I. H. Besore W. A. Ashworth G. C. Cochran J. J. Cender G. W. Van Meter J. A. R. Koch T. M. Guym E. P. Ott Wm. Van Buskirk Chas. Wilson David Hahn		1
332	do	R. A. Lumsden		:
500		A. J. Putscher	do	:
504	00	J. E. Hellderson	do	:
300	ao	W. F. Hampton	do	:
830	do	V. W. Hampton		. :
37	ao	W. H. Wedd	00	
838	qo	J. M. Suckrod	]00	
339	.00	J. H. Schwengel	0.00	!
041	do	II. H. Desore	]uo	:
341		C. C. Cochron	do	
042		T. T. Condon	do	
044		C. W. Von Motore	do	1
044	qo	T A D Zoob	do	
040		D M Carron	do	
940		F P Off	do	:
040		Wm Von Buglzirk	do	1 :
040	do	Chea Wilson	do	
350		Dovid Hohn	do	
351	40	I D Porham	do	
852	do	Chas, Wilson David Hahn J. D. Perham Van Carter W. D. Rohl J. H. Umbanhowar H. H. Krukewitt Ed. Huckins	do	1 :
853	40	W D Rohl	do	1 1
854	do	I H Umbanhowar	do	1 3
855	do	H H Krukewitt	do	1 7
856	40	Ed Huckins	do	1
357	40	Ed. Huckins M. Leigh J. H. Rutan T. M. Clayton John Rueb E. R. Canady F. W. Howell T. M. Ghere Z. C. Keene Frank Knox Geo. Herriott Pearl Hazen O. F. Gulick Wm. Herriott Jas. Freeman W. J. Wilson	do	3
358	do	J. H. Rutan	do	
359	do	T. M. Clayton	do	
360	do	John Rueb	do	1
361	do	E. R. Canady	do	:
362	do	F. W. Howell.	do	
863	do	T. M. Ghere.	do	1
864	. do	Z. C. Keene	do	1
865	do	Frank Knox	do	1
866	do	Geo. Herriott	do	
867	do	Pearl Hazen	do	1
868	do	O. F. Gulick	do	1
869	do	Wm. Herriott	do	1
870	do	Jas. Freeman	do	
871	do	W. J. Wilson	do	
279	do	T. T. Webb		1
873	do	F. H. Busev	do	1
274	do	W. J. Wilson I. T. Webb F. H. Busey W. L. Davis	do	į į
875	do	I. M. Herriott	do	
276	do	W. D. Davis J. M. Herriott C. A. Fogel I. H. Gordon J. W. Willsey L. W. Maxwell	do	
.010 1977	do	T H Gordon	do	-  -  -
	Juo	T W Willeam	do	1
279	מה ו			

о.	Date.	To whom.	For what.	Amour
1880	1913. June 23	W. C. Welsh	Dairy products furnished depart	
		W . C. W eisii	Dairy products furnished department of dairy husbandry	\$ 1
881	do	G. F. Diefenbach. W. H. Frame Central Union Telephone Co Western Union Telegraph Co., Cham-	do	î
1882	do	W. H. Frame	do Service	2
1883	do	Central Union Telephone Co	Service	24
884	do	Western Union Telegraph Co., Cham-		_
005	3.	paign	England	2
1000	do	The wabash R. R., Urbana	rreignt	24 7
1887	do	O E Stanles Burger	Canaral labor navroll	368
1888	do	O E Staples Bursar	Students' payroll	512
1889	do	O. E. Staples, Bursar	Express paid	36
1890	do	O. E. Staples, Bursar	Sundry bills paid.	147
1891	June 24	M. H. Robinson	Expenses	13
892	do	Kunsthalle Munchen	Pictures	21
1893	do	The Julia F. Burnham Hospital	Room and board	218
894	do	G. E. Frazer	Expenses	28
1895	do	The Kny-Scheerer Co	Charts	28
1896	do	C. R. Richards	Expenses	101
I GOO	ao	Poul Cottschalls	do.	26 69
1800 1090	1do	The Huggenet Society of London	Mamharchin	09
เดกก	do	A H Mayhaw	Book	5 2
[901	do	Pickering & Chatto	_do	í
[902	do	Joseph Baer & Co	do	4
1903	do	S. O. Andros.	Expenses	34
1904	do	G. F. Diefenbach. W. H. Frame. Central Union Telephone Co. Western Union Telephone Co. Western Union Telegraph Co., Champaign. The Wabash R. R., Urbana. C., C., C. & St. L. Ry. Co., Urbana. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar M. H. Robinson. Kunsthalle Munchen The Julia F. Burnham Hospital G. E. Frazer The Kny-Scheerer Co. C. R. Richards. W. Heffer & Sons. Paul Gottschalk The Huguenot Society of London A. H. Mayhew Pickering & Chatto. Joseph Baer & Co. S. O. Andros C. W. Pfeister J. W. Cavanaugh S. Guinn. A. G. Guard H. Wascher J. E. Hendrson J. E. Hendrson J. M. Stickrod Ralph Smith Geo. Schiff. Fred Rein. A. Kroner Wm. Brown W. E. Heyer John Cornett T. A. McCracken C. M. Reed C. E. Burk Chas. Sadler S. T. Carter Andrew Shields M. Cherry C. J. Gillespie Len Rayburn B. F. Thomas, Jr. B. Jordan T. F. Jordan C. Ross I. W. Maxwell W. J. Hobeson C. C. C. & St. L. Ry. Co., Urbana. The Coast Products Co H. F. Chester Albert Pick & Co Purdue University, Dept. of Ag. Ex Detroit Flower Pot. Flat Iron Store Co Carroll Badger The Alamo Mig. Co Boggs & Roney J. H. Kelley, Editor The Chicago Tribune Geo. B. C. Wagner & Son, Contractors C. C. Wagner & Son, Contractors	Dairy products furnished depart-	7
1905	do	J. W. Cavanaugh	do	3
1906	do	S. Guinn	do	3
1907	do	A. G. Guard	do	. 2
1908	do	H. Wascher	do	4
1909	do	J. E. Hendrson	do	1
1910	do	J. M. Stickrod	do	5
1911	do	Ralph Smith	do	2
1912	do	Geo. Schiff	do	4
1913	do	Fred Rein.		1
1914	do	A. Kroner		3
1016		W E Horrer	do	0
1017	do	John Cornett	do	3
1918	do	T. A. McCracken	do	3
1919	do	C. M. Reed	do	) š
1920	do	C. E. Burk	do	2
1921	do	Chas. Sadler	do	2
1922	do	S. T. Carter	do	4
1923	do	Andrew Shields	. do	5
1924	do	M. Cherry	. do	3
1925	do	C. J. Gillespie		. 7
1000	ao	D F Thomas Tr	do	4
1000	uo	B Torden	do	3 2
1020	do	T F. Jordan	do	6
1930	do	C. Boss	do	3
1931	l. do	I. W. Maxwell	do	ı
1932	do	W. J. Hobeson	do	2
1933	do	C., C., C. & St. L. Ry. Co., Urbana	Freight	29 24 60
1934	June 25	The Coast Products Co	Canned goods	24
1935	do	H. F. Chester	Service	60
1936	do	Albert Pick & Co	Supplies	29
1937	do	Purdue University, Dept. of Ag. Ex	Circulars	122
1938	do	Detroit Flower Pot	Supplies	122
1935	ηαο	Carrell Podger	Dry goods	1 6
1941	7ao	The Alama Mfr. Co.	Dulloy and aronk	44
1041	do	Rogge & Ronay	Gardan good	1 0
1042	do	I H Kelley Editor	Lahor	500
1944	do	The Chicago Tribupe	Advertising	500
1945	do	Geo. B. Carpenter & Co	Belt	5
1946	- do	E. L. Lawson	Cost of supplies	13
1947	do	The Public School Publishing Co.	Advertising	30
1948	do	Cutler Williams Corporation	Subscriptions	5
1949	do	T. H. Craig	Clock	25
1950	do	A. L. Whiting	Expenses.	. 5
1951	do	Bates Mfg. Co	Labor and supplies	21
1952	do	L. J. Towne.	Expenses.	21
1953	do	Gould Storage Battery Co	Supplies	3
1954	do	Feit & Tarrant Mfg. Co	. Comptometer	250
	u. do	K. C. Wagner & Son, Contractors	Labor	100

о.	Date.	To whom.	For what.	Amou
	1913. June 25	E. C. Schmidt. The Architectural Review Geo. Banta Publishing Co. C. F. C. Riley The Carswell Co. T. H. Flood & Co. Callaghan & Co. The Boston Book Co. S. P. Irwin. H. W. Mumford H. H. Stoek H. B. Ward. The Alumni Association Geo. W. Medley. Illinois State Penitentiary. The Inne-Brace Chair Co.	`	
1956	June 25	E. C. Schmidt	Expenses	\$115
1957	do	The Architectural Review	Subscription	1
1958	do	Geo. Banta Publishing Co	Printing	250
1959	do	The Congress Co	Expenses	20 302 43 14 97
1960 1061	do	T H Flood & Co	do	302
1062	do	Callaghan & Co	do	14
963	.do	The Boston Book Co	do	97
964	do	S. P. Irwin	Subscription	4
965	do	H. W. Mumford	Expenses	21
966	do	H. H. Stoek	do	56 2 12
967	do	H. B. Ward	Book	2
968	do	The Alumni Association	Copies of notes	12
969	do	Ulinois State Desitestians	Expenses	19 55 255
970		The Inner-Brees Chair Co	Chaire	955
072	do	C H Hanson	Chairs Brass figures Supplies Hardware	13
973	do	General Electric Co	Supplies	66
974	do	The Burr Co	Hardware	66 58
975	do	John H. Dovle	do	20
976	do	Central Electric Co	Supplies	20
977	do	Beardsley Hotel Co	Entertaining	20 20 41 21
978	do	J. G. Biddle	Laboratory apparatus.	21
979	do	The Inner-Brace Chair Co C. H. Hanson General Electric Co The Burr Co John H. Doyle Central Electric Co Beardsley Hotel Co J. G. Biddle Eimer & Amend A. C. McClurg & Co The Letter Shop Geo. E. Coghill Laura B. Evans. F. W. Wascher Palmer Bros. Medart Patent Pulley Co Southern Illinois Penitentiary Crofoot Nielsen & Co D. H. Stevenson Ernst Leitz	Laboratory supplies	
980	do	The Letter Shen	BOOKS	64 83
POT		Goo F Coghill	Exponent	21
083	do	Laura R Evans	do	50
984	.do	F. W. Wascher	Expense.	48
985	June 27	Palmer Bros.	Tea.	59 48
986	do	Medart Patent Pulley Co	Pulleys	18
987	do	Southern Illinois Penitentiary	Fertilizer	18
988	do	Crofoot Nielsen & Co	Prints	]
989	do	D. H. Stevenson	Services and expenses	44
990	do	Ernst Leitz.	Laboratory apparatus	57
aar		The Schaener & Budenberg Mig. Co	Gauge charts	
002	do	D. H. Stevenson Ernst Leitz The Schaeffer & Budenberg Mfg. Co The Graham Mfg. Co. The American Crayon Co. American La-France Fire Engine Co. of Illinois	Laboratory apparatus. Gauge charts Suppliesdo	10
004	do	American La-France Fire Engine Co. of		, ,,
.001		Illinois	Hose	35
995	do	Illinois Electrical Mfg. Co	Rewinding transformers	35 62
996	do	The Linde Air Products Co	Oxygen	3
997	do	Montgomery Ward & Co	Tin plates	3 11
998	do	Keystone Type Foundry	Supplies	11 21
999	do	Illinois Glass Co	do	21
000	do	W. S. Bayley	Geological Iolios	199
005	June 30	C C Adoms	do do	133 137 333
002	do	D M Alden	do	333
003	do	W C Allee	do	120
005	do	C. H. Allen	do	30
006	do	C. W. Alvord	do	148
007	do	The Graham Mig. Co. The American La-France Fire Engine Co. of Merican La-France Fire Engine Co. of Illinois Electrical Mig. Co. The Linde Air Products Co. Montgomery Ward & Co. Keystone Type Foundry. Illinois Glass Co. W. S. Bayley. D. A. Abrams. C. C. Adams. R. M. Alden. W. C. Allee. C. H. Allen. C. W. Alvord. L. F. Anderson. S. O. Andros. June M. Ashley. Ruth S. Atwell. K. C. Babcock. Robert Back. G. D. Bagley. W. C. Balgley. W. H. Bair I. O. Baker. R. E. Baker. E. C. Baldwin. C. W. Balke. Panzy Barger. Bronson Barlow. J. T. Barrett. H. H. Bartells. P. S. Barto. H. J. Barton. Edward Bartow. S. J. Bates. W. S. Bayley G. D. Beal. J. H. Beard. J. B. Beck. J. B. Beck. J. B. Beck. J. B. Beck. J. E. Bell.	do	333 120 30 145 208 150 30
008	do	S. O. Andros.	do	150
009	do	June M. Ashley	do	30
010	do	Ruth S. Atwell	do	60
U11	do	K. U. Babcock	ao	416 75 25
	ao	C. D. Paglor	Scholarship Tune 1012	15
014 014	uo	W. C. Bagley	Salary June 1913	291
015	do	Margaret I. Railey	Fellowship, June, 1913	50
116	.do.	W. H. Bair	Salary, June, 1913	50
017	do	I. O. Baker	do	5( 5( 333
018	do	R. E. Baker	do	30
019	do	E. C. Baldwin	do	150 183
)20	do	C. W. Balke	do	183
021	do	Panzy Barger	do	30
022	do	Bronson Barlow	do	50
023		J. I. Darrelle	do	58 50
024		D C Rorto	do	100
020 026	uo	H I Rerton	do	100 250
020	do	Edward Bartow	do	291
028	do	S. J. Bates	do	100
029	do	W. S. Bavlev	do	291 100 187 120 120 166 60
030	do	G. D. Beal.	do	120
กรา	do	J. H. Beard	do	120
		I D Deel-	l do	166
032	do	J. B. Beck	uo	

No.   Date			For what.	Amou
2034 June   20 B. W. Benedict   Salary, June, 1913	_			
2025   do.   Madison Bentley   do.   do.     20263   do.   Daisy L. Blaisdell   do.   do.     20263   do.   Daisy L. Blaisdell   do.   do.     20268   do.   D. S. Blondhelm   do.     20269   do.   Loemard Bloomfield   do.     20260   do.   Loemard Bloomfield   do.     20261   do.   B. H. Bodet   do.     20241   do.   G. P. Bloomsliter   do.     20242   do.   G. P. Bloomsliter   do.     20243   do.   Ethel Bond   do.     20244   do.   R. L. Borger   do.     20245   do.   C. V. Boyer   do.     20246   do.   C. V. Boyer   do.     20247   do.   Alice D. Brooks   do.     20247   do.   Alice D. Brooks   do.     20248   do.   Morgan Brooks   do.     20249   do.   N. C. Brooks   do.     20249   do.   N. C. Brooks   do.     20250   do.   Verna Brooks   do.     20250   do.   Verna Brooks   do.     20252   do.   J. M. Bryant   do.     20253   do.   J. M. Bryant   do.     20264   do.   X. Butchen   do.     20265   do.   W. A. Buchen   do.     20266   do.   S. J. Buck   do.     20266   do.   S. J. Buck   do.     20267   do.   W. F. Burge   do.     20268   do.   H. Y. Canter   do.     20269   do.   H. Y. Canter   do.     20260   do.   H. Y. Canter   do			Salary, June, 1913	\$291 250 333
2033   do			. do	250
2037   do.   Daisy L. Blaisdell   do.		<b>-</b>	.jdo	333
2038   do.   D. S. Blondheim   do.			do	100
2039   do.   Loenard Bloomfield   do.   Loenard Bloomfield   do.   E. L. Bogart   do.   2041   do.   E. L. Bogart   do.   2042   do.   E. L. Bogart   do.   2042   do.   E. L. Bogart   do.   2042   do.   E. L. Bogart   do.   2043   do.   Ethel Bond   do.   do.   2044   do.   E. L. Boger   do.   do.   2044   do.   E. L. Boger   do.   do.   2044   do.   R. V. Borger   do.   do.   2044   do.   R. V. Borger   do.   do.   2044   do.   Alice D. Brooks   do.   do.   2044   do.   Alice D. Brooks   do.   do.   2044   do.   N. C. Brooks   do.   do.   2044   do.   N. C. Brooks   do.   do.   2029   do.   Morgan Brooks   do.   do.   2020   do.   Verna Brooks   do.   do.   2020   do.   Elizabeth P. Brush   do.   do.   2020   do.   Elizabeth P. Brush   do.   2020   do.   Elizabeth P. Brush   do.   2020   do.   Elizabeth P. Brush   do.   2020   do.   Dr.   A. Buchen   do.   do.   2020   do.   Dr.   A. Buchen   do.   do.   2020   do.   do.   M. Buchen   do.   do.   2020   do.   S. J. Buck   do.   do.   2020   do.   S. J. Buck   do.   do.   2020   do.   Dr.   Carman   do.   do.   2020   do.   do.   Dr.   Carman   do.   do.   2020   do.   Dr.   Carman   do.		. do	116 120	
2040   do.   B. H. Bode   do.   do			. do	120
2041			. do	250
2014			- do	$\frac{250}{130}$
2944 d. do. H. L. Borger do. 2045 d. do. G. V. Boyer do. 2045 d. do. G. V. Boyer do. 2046 d. do. R. O. Brigham do. 2047 d. do. Alice D. Brooks do. 2047 d. do. Alice D. Brooks do. 2048 d. do. Morgan Brooks do. 2049 d. do. N. C. Brooks do do. 2049 d. do. N. C. Brooks do do. 2049 d. do. N. C. Brooks do do. 2050 d. do. Vera Brows do do. 2052 d. do. Elizabeth P. Brush do do. 2052 d. do. Elizabeth P. Brush do do. 2052 d. do. Elizabeth P. Brush do do. 2053 d. do. J. M. Bryant do do. 2055 d. do. J. M. Bryant do do. 2055 d. do. J. M. Bryant do do do. 2055 d. do. J. M. Bryant do do do do do do. 2055 d. do. J. Buck do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do			- do	130
2044  do			- do	83
2946   do.   G. V. Boyer   do.   do.   2046   do.   R. O. Brigham   do.   do.   2047   do.   Alice D. Brooks   do.   do.   2047   do.   Alice D. Brooks   do.   do.   2048   do.   Morgan Brooks   do.   do.   do.   do.   2048   do.   N. C. Brooks   do.   •		- do	125	
2040	•		-   do	83 125 120 60
2044  do	•		- do	60
2018	•		- do	
2005   Color   •		- do	250	
2001   0.0   Vertila BTOOKS   0.0   0.0	•	• • • • •	-\ao	250 200 80
100	•	• • • • •	- 0.00	80
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	•		- 00	20
100	•		- 00	80 183
100	•		- 000	180
2006   0	•		- do	110
2005	•		do do	110
2008   0			do	150 116 166
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	•		do	100
100	•		do	30
100	•		do	120 166
2002   do	•		do	333
2003   do	• •		do	900
2004   do	•		do	208 166
2065   do.   H. Y. Carson.   do.	•		do	75
2066   do.   A. K. Chittenden   do.	• •		do	195
2007   do.   E. W. Chittenden   do.	• •		do	990
2068   do	• •		do	125 229 120 166
2009   do	•		do	166
2070   do	•		do	30
2071   do			do	416
2072   do	•		do	30 416 250
2073   do			do	10
2074   do			do	130
2075   do			do	10 130 90 180
2076   do			do	180
2077   do			do	100 120 75 141
2078   do			do	120
2079   do	٠.		do	75
2080   do			do	141
2081   do			. do	120
2082   do			. do	110
2083   do	٠.		do	120 110 300
2084   do			. do	10
2085   do	٠.		. ao	30
2086   do		<b>.</b>	. do	100
2087   do	٠.		. do	100 30 100 50
2088   do	٠.		- āo	250
2089   do	٠.		- do	250 150 120
2090    00   C. G. Derick   d0   d0   2091   d0   E. R. Dewsnup   d0   d0   d0   d0   d0   d0   d0   d	٠.			120
100   E. K. Dewsnup	٠.			141
2092   do	٠.		do	250
2093     q0     W. F. Dodd     .d0       2094     do     D. K. Dodge     .do       2095     do     A. B. Domonoske     .do       2096     do     G. W. Dowrie     .do       2097     do     F. K. W. Drury     .do       2098     do     F. O. Dufour     .do       2099     do     J. C. Duncan     .do       2100     do     J. M. Duncan     .do       2101     do     R. S. Dunham     .do       2102     do     Fannie Dunhap     .do       2103     do     H. H. Dunn     .do       2104     do     R. A. Dutcher     .do       22105     do     H. S. Eames     .do       22106     do     E. T. Ebersol     .do       22107     do     W. E. Ekblaw     .Salary, June, 1913       22108     do     W. E. Ekblaw     .do       22109     do     Frederick Ellis     .do			- 000	250 80 166
2094   00		<i>-</i>		166
2095   00			- 00	250 140 90 166
2090   Go	• •	• • • • • •		140
2097   00				190
2098   QO				166
10		<b>-</b>		166
2101   do				229
2201   00	• •			166 229 90
2202   QO				1(
H. H. Dunn				55 91
Z2104	• •	<b></b> -		91
1200   100		<b>-</b>		60
22109 do Frederick Ellis				13( 3( 5(
22108 do W. E. Ekblaw Salary, June, 1913.		<b></b> -	Followship Tune 1012	3(
22108 do Frederick Ellis do do	• •		Golomy Tune 1012	50
CZUPI GO PTPGPTICK P.UIS 1 GO 1 GO			oalary, June, 1913	150
10110 3 Am ald Thomas	• •			150 166 166
72110				100
24111 . U	•			100

0.	Date.	N. E. Ensign. L. B. Ermeling L. T. Fairhall J. A. Fairlee R. N. Fargo. S. P. Farwell E. C. Faust. Mary E. Faweett. Emma Felsenthal Wintired Fehrenkamp H. F. Ferguson E. E. Fiero E. J. Filbey I. W. Fisk J. D. Fitz Gerald II E. B. Flanigan F. L. Fleener V. R. Fleming G. T. Flom J. W. Folsom S. A. Forbes G. S. Ford George E. Frazer J. A. Frisk Edward Fulton J. W. Garner N. B. Garver N. B. Garver N. B. Garver Rosa-Lee Gaut W. S. Gently J. H. Gose E. A. Glenz H. F. Gooden H. F. Gooden H. F. Gooden H. F. Gooden J. F. M. Goss P. S. Guiding Bessie R. Green Frederick Green E. B. Greene T. H. Guild J. E. Gutberlet Alta Gwinn G. C. Habermeyer H. F. Hadley Stella M. Hague H. G. Hake W. G. Hale R. Hess C. K. Hewes F. E. Hill Ralph Hilscher	For what.	Amou
	1913. June 30			
2113	June 30	N. E. Ensign	Salary, June, 1913	\$120
2114	do	L. B. Ermeling	do	20
2115	do	L. T. Fairnall	do	20 15 250
117	00	J. A. Fairiee	do	200
1118	do	S P Forwall	do	50 140
2119	do	E. C. Fanst	-do	60
120	do	Mary E. Fawcett	do	60 166
121	do	Emma Felsenthal	do	75 70 60
2122	do	Winifred Fehrenkamp	do	70
123	do	H. F. Ferguson	do	60
124	do	E. E. Fiero	do	45 166
125	do	E. J. Filbey	do	166
126		I, W. FISK		120 208
127	uo	J. D. F102 Gerald 11	do	80
120	do	F. I. Floorer	do	40
130	do	V R Flaming	do	125
131	do	G. T. Flom	_do	125 208
132	do	J. W. Folsom	do	166
133	do	S. A. Forbes	do	41
134	do	G. S. Ford	do	41 250 300
135	do	George E. Frazer	do	300
136	do	J. A. Frisk	do	91
137	do	Edward Fulton	do	175
138	do	J. W. Garner	do	91 175 250 150 35 100 200
139	do	N. B. Garver	do	150
140	do	Rosa-Lee Gaut	do	35
141	00	W. S. Gentry, Jr		100
142	do	H. L. Gill	do	30
140	uo	Thich Classow	do	80 80
144	do	F A Clong	do	10
146	do	H F Godeka	do	120
147	do	Tulius Goahal	.do	270
148	do	H. F. Gonnerman	do	120
149	do	G. A. Goodenough	do	250
150	do	T. G. Goodwin	do	60 10 120 270 120 250 90 500 133 60 291
151	do	W. F. M. Goss	do	500
152	do	P. S. Goulding	do	133
153	do	Bessie R. Green	do	60
154	do	Frederick Green	do	291
155	00	E. B. Greene		375 125 60
157	do	T. H. Gulla	do	120
150	do	Alto Cwinn	do	80
150	do	G C Haharmayar	do	141
160	do	H F Hadley	Fellowship, June, 1913	141 50
161	do	Stella M. Hague	Salary, June, 1913	80
162	do	H. G. Hake	do	120
163	do	W. G. Hale	do	250
164	do	R. G. Hall	do	30
165	do	L. G. Hana	ao	120 250 30 170
166	do	Paul Hansen	ao	250 90
167	do	Sada Harbarger		90
108		A. A. Harding	uo	150
70	uo	U. A. Harker	u0   do	333 233 60
171	uu	C M Habbart	do	233 An
72	do	G W Haitkemn	do	40
73	do.	F. E. Held	_do	50
74	do	W. S. Hendrix	do	85
175	do	Margaret Herdman	do	75
176	do	R. W. Hess	do	50 85 75 30
177	do	C. K. Hewes	do	50
178	do	F. E. Hill	do	.80
179	do	Ralph Hilscher	do	100
180	do	M. E. Hinds	ao	· 60
181	do	Wilneim Hirschkind	00	180
182	do	Jacod Hodneneid	00	50 80 100 60 80 100
183	do	F. E. Holdrix W. S. Hendrix Margaret Herdman R. W. Hess C. K. Hewes F. E. Hill Ralph Hilscher M. E. Hinds Wilhelm Hirschkind Jacob Hodnefield H. C. Hohman M. A. Hollinshead	40	20
184	op	M. A. HOllinsnead	.dododododododod	20 40 229 60 60 120
100	op	Jacob Hodnefield. H. C. Hohman M. A. Hollinshead H. A. Hollister E. E. Hollman B. R. Honovski B. S. Hopkins J. W. Hornbeck C. R. Horrell C. F. Hottes	uo	229
100	uv	R R Honoveki	do	0U 80
100	uu	R S Honking	uv	190
180		T W Hornheck	do	100
100	do	C. R. Horrell	do	20 208

Го.	Date.	To whom.	For what.	Amour
	1913. June 30	H. A. Houston J. E. Huber H. L. Huenink G. A. Huff R. K. Hursh Margaret Hutchins Edmund J. James L. V. James C. E. Janvrin Alice Johnson McElroy Johnston H. S. V. Jones Isabel Jones L. T. Jones Ralph Jones Ralph Jones R. C. Jones R. C. Jones		
2192	June 30	H. A. Houston	Fellowship, June, 1913	\$ 50
2193	do	J. E. Huber	Scholarship, June, 1913	95
2194	do	H. L. Huenink	Salary, June, 1913	50
2195	do	G. A. Huff	do	50 250 100
2196	do	R. K. Hursh	do	100
2197	do	Margaret Hutchins	do	75 1,000 130
2198	do	Edmund J. James	do	1,000
2199	do	L. V. James	do	130
2200	do	C. E. Janvrin	do	37
2201	do	Alice Johnson	do	70
202	do	McElroy Johnston	do	170 150
2203	do	H.S.V. Jones	do	150
204	do	Isabel Jones	do	110 85 90 160
205	ao	L. T. Jones	do	85
206	do	Ralph Jones	do	90
207	do	Ratio Jones R. C. Jones R. T. Jones H. H. Jordan J. C. Jordan Emma R. Jutton J. B. Kaiser Oliver Kamm	do	160
208	do	R. T. Jones	do	140
209	do	H. H. Jordan	do	100 100
210	do	J. C. Jordan	do	100
211	do	Emma R. Jutton	do	100
212	do	J. B. Kaiser	do	100
213	do	Oliver Kamm	do	60
214	do	Eleanor G. Karsten	do	100
215	do	C. F. Kelley	do	100 100 60 100 130
216	do	Oliver Kamm Eleanor G. Karsten C. F. Kelley J. M. Kellogg Ruth Kelso A. J. Kempner R. E. Kennedy Ernst Kessler V. A. Ketcham Arthur Klernen	do	140 80 130
217	do	Ruth Kelso	do	80
218	do	A. J. Kempner	do	130
219	do	R. E. Kennedy	do	110 60 150 60
220	do	Ernst Kessler	do	60
221	do	V. A. Ketcham	do	150
222	do	Arthur Kiernan	do	60
223	do	A. H. Kimball	do	140 120 75 500
224	do	S. F. Kimball	do	120
225	do	Margaret L. Kingsbury	do	75
226	do	David Kinley	do	500
227	do	Florence M. Kirkup	do	100
228	do	C. T. Knipp	do	208
229	do	J. F. Kohoût	do	10
230	do	A. H. Koller	do	100
231	do	A. P. Kratz	do	100
232	do	E. V. Kratz	Scholarship, June, 1913	25
233	do	A. C. Krey	Salary, June, 1913	100 208 10 100 100 25 140 208 120 150 60 90
234	do	Jakob Kunz	do	208
235	do	Martha J. Kyle	do	120
236	do	E. J. Lake	do	150
237	do	E. M. R. Lamkev	ldo	60
238	do	Marion C. Landee	do	90
239	do	W. F. Langelier	do	100 105
240	do	E. T. Lanham	do	105
241	do	L. M. Larson	do	216
242	do	H. H. Lauer	do	150 30 30 233
243	do	T. E. Lavng	do	30
244	do	Eugene Leslie	do	30
245	do	O. E. Lessing	do	233
246	do	O. A. Leutwiler	do	200
247	do	I. H. Lillehei	do	90
248	do	F. C. Lincoln	do	200 90 166
249	do	R. H. Linkins	do	30
250	do	C. M. Linslev	do	21
251	do	Simon Litman	do	183
252	do	F. C. Loring	do	100 30 21 183 120 30 50 133
253	do	C. A. Ludwig	do	30
254	do	H. T. Lundquist	do	50
255	do	E. B. Lytle	do	133
256	do	Ellen S. McCarthy	do	120
257	do	Lois D. McCobb	do	90
258	do	A. B. McDaniel	do	90 208
259	do	Rudolph McDermet	Fellowship, June, 1913	50
260l	do	D. F. McFarland.	Salary, June, 1913	150 150 30
261	do	C. G. MacArthur	do	150
262	do	Wallace Macfarlane	Fellowship, June. 1913	30
263	do	A. D. MacGillivray	Salary, June, 1913	208
264	do	D. A. MacInnis.	do	120
265	do	A. H. McLean	do	120 80 150
266	do	C. W. Malcolm	do	150
267	do	G. A. Maney	Fellowship, June 1913	50
268	do	A. J. Keinheir R. E. Kennedy Ernst Kessler V. A. Ketcham Arthur Klernan A. H. Kimball S. F. Kimball S. F. Kimball Margaret L. Kingsbury David Kinley Florence M. Kirkup C. T. Knipp J. F. Kohout A. H. Koller A. P. Kratz E. V. Kratz A. C. Krey Jakob Kunz Martha J. Kyle E. J. Lake E. J. Lake E. J. Lake E. J. Lankey Marion C. Landee W. F. Langelier E. T. Lanham L. M. Larson H. H. Lauer T. E. Layng Eugene Leslie O. A. Leutwiler I. H. Lillehei F. C. Lincoln R. H. Linkins C. M. Linsley Ssimon Litman F. C. Loting C. A. Ludwig H. T. Lundquist E. B. Lytle Ellen S. McCarthy Lois D. McCobb A. B. McDaniel Rudolph McDermet D. F. McGarlane C. G. MacArthur Wallace MacFarlane A. D. MacGillivray D. A. MacInnis A. H. McLean C. G. MacArthur Wallace MacFarlane A. D. MacGillivray D. A. MacInnis A. H. McLean C. W. Malcolm G. A. Manley E. J. Manney E. L. Manney E. L. Manney E. M. L. M. Manney E. M. M. Manney E. M. M. Manney E. M. M. Manney E. M. Manney E. M. Manney E. M. M. Manney E. M. Man	Salary, June, 1913	50 77 333
269	do	F. M. Mann	do	333
				150

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

٠.	Date.	To whom.	For what.	Amou
	1913.	O. R. Martin M. S. Mason. J. M. Mathews G. H. Meyer E. B. Millard F. H. Millard G. A. Miller H. W. Miller R. N. Miller W. S. Miller C. H. Mills Brainerd Mitchell, Jr F. W. Mohlman H. C. Moore H. F. Moore O. H. Moore C. M. Moss Gertrude Moulton C. F. Nelson W. S. Nelson Allan Nevins C. R. Newell C. E. Newell C. E. Newell C. E. Newell C. E. Noves W. A. Oldfather H. L. Olin T. E. Oliver A. W. Ovens		
271	June 30	O. R. Martin	Salary, June, 1913	\$11
72	do	M. S. Mason	do	5 13 20
273 274	do	J. M. Mathews	do	13
374	ao	G. H. Meyer		20
275 276		E. B. Millard		6
270 277	ao	F. H. Millard		11 25 15
770		U. A. Miller		20
78 79		H. W. Miller		13 12 20 13 6 2 20
119 180	do	XX C Willow	do	19
81	do	C TI Mills		20
82	do	Project Mitchell In	do	12
83 283	do	F W Mohlmon	do	1 6
284	do	H C Moore	do	9
85	do	H F Moore	do	20
86	do	O H Moore	do	111
87	do	Ruby Moore	do	12 12 4
88	do	E W Mornhy	do	12
89	do	B. C. Morse	do	4
90	do	Wm. E. Mosher	do	l 5
91	do	C. M. Moss.		5 25 11 10
92	do	Gertrude Moulton	do	l ĩi
93	do	C. F. Nelson	do	10
94	do	W. S. Nelson	do	3 8 8
95	do	Allan Nevins	do	8
96	do	C. R. Newell	do	l 8
97	do	C. E. Noerenberg	do	14 33 22
98 299	do	W. A. Noves	do	33
299	do	W. A. Oldfather	do	22
00	do	H. L. Olin	do	5
801	do	T. E. Oliver	do	20
302	do	A. W. Owens	do	20
303	do	E. B. Paine	do	20
304	do	L. G. Painter.	do	12
305	do	Rosalie M. Parr	do	( 8
306	do	S. W. Parr	do	29
307	do	Adah Patton	do	8
308	do	H. G. Paul	do	16
309	do	A. S. Pease	do	20
310	do	J. C. Pendleton	do	8
311	do	Alvah Peterson	do	6
312	do	G. W. Pickels	. do	16 20 8 6 13 18 13 13 13
313	do	J. N. Pomeroy	. do	18
314	do	C. M. Poor	. do	13
315	do	F. M. Porter	. do,	13
110	ao	R. S. Potter	. ao	1 5
317	do	Anton Prasil	.  <u></u> 0	1 1
118		A. L. Prickett.	Calcalanation Torres 1010	9
119	do	D. C. Prince	Scholarship, June, 1913	8 9
20	ao	B. S. Radcillie	Salary, June, 1913	0
21	ao	G. H. Radebaugh		10
22		Otto Rann		10
,∠ó	Juo	W H Dayner	do.	16 8 11
94 <del>1</del>	uo	T W Dood	uu	1 1
140 190	uo	D T Dahman	do.	6
ひつ	do	W. A. Oldfather H. L. Olin T. E. Oliver A. W. Owens E. B. Paine L. G. Painter Rosalie M. Parr S. W. Parr Adah Patton H. G. Paul A. S. Pease J. C. Pendleton Alvah Peterson G. W. Pickels J. N. Pomeroy C. M. Poor F. M. Porter R. S. Potter Anton Prasil A. L. Prickett D. C. Prince B. S. Radcliffe G. H. Radebaugh Otto Rahn O. A. Randolph W. H. Rayner J. W. Reed P. J. Reece F. W. Reed P. F. Reiff E. A. Rich J. L. Rich	do	15 14 5
120	uo	E. J. Keece P. F. Reief. P. W. Reed P. F. Reiff. E. A. Rich J. L. Rich C. R. Richards N. C. Ricker H. L. Rietz W. S. Robertson M. H. Robinson C. W. Rolfe. S. A. Rowland H. O. Rugg. George Rutledge L. R. Sarett T. E. Savage Olive F. Saxton S. H. Scherfee. E. C. Schmidt H. F. Schneider Clarence Scholl W. F. Schulz G. F. Schwartz	do.	14
240 290	do	D F Doiff	do.	14
30	do	E A Rich	do	15 33
121 121	do	T T. Rich	do	1 15
130	do	C R Richards	do.	29
132	do	N C Ricker	do	29
34	do	H L Rietz	do	1 15
235	do	W S Robertson	do	15 16 16 25 25 25 12
36	do	M. H. Robinson	do	2
37	do	C. W. Rolfe	do	25
38	do	S. A. Rowland		1 6
339	do	H. O. Rugg	do	1 12
340	do	George Rutledge	do	1 7
341	do	L. R. Sarett	do	1 8
342	do	T. E. Savage		16
343	do	Olive F. Saxton	do	16
344	do	S. H. Scherfee	.do	l š
345	do	E. C. Schmidt	do	29
346	dodo	H. F. Schneider	. do	3
347	do	Clarence Scholl	do	i
348	do	W. F. Schulz G. F. Schwartz	. do	16
		1	1 3	1 47

0.	Date.	F. W. Scott. D. L. Scroggin G. W. Sears. F. B. Seeley R. S. Seese A. R. Seymour J. B. Shaw Queen L. Shepherd S. P. Sherman G. A. Shook C. W. Sievert S. L. Simmering Frances Simpson G. E. Simpson G. E. Simpson G. H. Sisam W. A. Slater Adelle C. Smith Constance B. Smith G. M. Smith Frank Smith J. E. Smith O. H. Smith J. E. Smith O. H. Smith J. W. A. Slater Adelle C. Smith G. M. Smith Frank Smith J. E. Smith G. M. Smith Frank Smith J. E. Smith G. M. Smith J. W. A. Slater Adelle C. Stanley Joel Stebblins R. K. Steward C. C. Stewart H. H. Stoke E. B. Stouffer E. K. Strachan E. T. Strong Lillian Strong R. T. Stull Horace Stunkard Emerson Sutcliffe A. H. Sutherland A. N. Talbot F. W. Tamner S. C. Taylor W. H. Taylor H. R. Thomas C. M. Thompson D. G. Thompson D. G. Thompson D. G. Thompson Lambert Thorp A. J. Todd E. J. Townsend L. L. Townsend E. H. W. Treet H. J. Van den Berg G. J. Van Zoeren J. N. Vedder C. G. Vernier E. H. Warner A. R. Warnock E. H. Warner A. R. Warnock E. H. Warner A. R. Warnock E. H. Warner A. R. Warnock E. H. Warner A. R. Warnock E. H. Waldon H. C. P. Weber N. A. Wells N. A. Wells N. A. Wells Mary E. Williams Hary E. Williams Hary E. Williams F. C. Willson P. R. W. Wohlenberg W. J. Wohlenberg	For what.	Amou
	1913.			
2350	June 30	F. W. Scott.	Salary, June, 1913	\$18 12
2351	do	D. L. Scroggin	do	12
352	do	G. W. Sears.	do	6 14
353	do	F. B. Seeley	do	14
354	do	R. S. Seese	Scholarship, June, 1913	. 2
355	do	A. R. Seymour	Salary, June, 1913	16 18 26 10 11 3 16 1 15 16 16 16 16 16 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
356	do	J. B. Snaw		18
337	do	Queen L. Snepnerd	do	000
308 950	do	S. P. Sherman	do	20
อยก		C W Cierrent	do	10
900 961		C. W. Dievert	Fellowship Tune 1012	1 2
901		Frances Cimpson	Colory Tune 1012	16
363	do	G E Simpson	do	1
364	do	C H Sigon	do	15
365	do	W A Slatar	do	12
366	do	Adalla C. Smith	do	16
367	do	Constance R Smith	do	16
368	do	G M Smith	do	13
369		Frank Smith	do	20
370	do	I. E. Smith	do	19
371	- do	O. H. Smith	do	1
372	. do	J. M. Snodgrass	do	17
373	. do	E. R. Spencer	ldo	120 12 9 17 5 7 10
374	do	O. O. Stanley	do	7
375	do	Joel Stebbins	do	10
376	- do	R. K. Steward	_do	13
377	do	C. L. Stewart	do	5
378	do	H. H. Stock	do	33
379	do	J. W. Stokes	Fellowship, June, 1913	5
380	do	E. B. Stouffer	Salary, June, 1913	13
381	do	E. K. Strachan	do	13 5 33 5 13 10
382	do	E. T. Strong	do	9
383	do	Lillian Strong	do	5 222 3 8 15 33 6 22 6 5
384	do	R. T. Stull	do	22
385	do	Horace Stunkard	do	3
386	do	Emerson Sutcliffe	do	8
387	do	A. H. Sutherland	do	15
388	do	A. N. Talbot	do	33
389	do	F. W. Tanner	do	6
390	do	S. C. Taylor	do	2
391	do	W. H. Taylor	do	6
392	do	H. R. Thomas	Fellowship, June, 1913	5
393	do	C. M. Thompson	Salary, June, 1913	9
394	do	D. G. Thompson	do	4
395	do	J. G. Thompson.	do	16
396	do	Lambert Thorp	do	10
397	do	A. J. Tieje	do	10
398	do	A. J. Todd	do	10
399		E. J. Townsend	do	33
400	ao	L. L. Townsend	Calary Toma 1013	10
401	ao	Edita A. Treat	parary, June, 1913	9
402	0	H. D. Valentine		
403	ao	H. J. Van Cleave		1 6
404	ao	H. J. Van den Berg		18
400		U. J. Van Zoeren	4.0	3
406	qo	J. N. veader	00	11
407	00	U. G. Vermer	uo	29
408	00	E. П. Waldo	uo	16
409		E II Warran	40	33
410		E. H. Warned	uo	100
411	uo	A. IV. WATHOCK	do	12
412	o	E. W. Washburn	40	18
413	ao	F. D. Walson	do.	20
414	oo	n. U. F. Weber	uo	15
410	uo	N. A. Wetts	do	20
410	uo	Mary M. Watmara	do	10
41/	uo	T M White	do	12
418	ao	J. MI. WHILE	do	33
419	uo	F A Wildman	do	0
420		C. C. Wiley	do.	15
400	uo	C A Williams	do	10
422	uo	F U Williams	do	12
404	uo	Mory F Williams	do	12
144±	do	F G Willeon	do	161 100 100 100 100 100 100 100 100 100
#40 400	do	P. T. Windsor	do	20
420	uo	P M Winger	do	
		AV. MA. YY MIKU	uv	1 14

lo.	Date.	P. S. Woodward I. M. Wormser A. B. Wright Ola M. Wyeth T. D. Yensen Jacob Zeitlin Charles Zeleny H. F. Zolier J. E. Ackert F. H. Adler Josephine E. Burns Margaret V. Cobb Edna L. Forrey D. L. Geyer J. W. Good E. O. Heuse E. A. T. Kircher P. A. Lehenbauer H. H. McGregor L. C. Mathewson L. F. Nickell A. W. Orcutt A. F. Peine C. F. C. Riley Clarissa Rinaker Irma E. Voigt P. S. Welch G. Y. Williams Alice Biester E. W. Brown D. M. Brumfiel F. E. Clark Jesse L. Conel S. H. Cox E. S. Dowell D. T. Englis Ola M. J. Eskelson S. E. Fauquher S. B. Fracker Byne F. Goodman Sappho C. Graham Ruby M. Grimes Mary A. Haan Homer Hall A. C. Hanford William Hill C. E. Holley Nellie N. Hornor J. W. Howard P. W. Ivey Gretchen Lutz Janet M. Macdonald J. E. Miler Edna Mosher J. B. Nathanson F. G. Drobury B. H. Nottelman Cornelia Seawell Mary M. Spangler W. A. Swenson Lilla M. Alexander W. F. Spangler W. A. Swenson Lilla M. Alexander W. E. Alley Winfiel Al. C. E. Atkinson Mary L. Blackwell Mary M. Spangler W. A. Swenson Lilla M. Alexander W. E. Alley Winfiel Al. C. E. Atkinson Mary L. Blackwell Mary M. Spangler W. A. Boice L. Atkinson Mary L. Blackwell Mary A. Boice L. Atkinson Mary L. Blackwell Mary A. Boice L. Atkinson Mary L. Blackwell Mary A. Boice L. Atkinson Mary L. Blackwell M. A. Boice L. Atkinson	For what.	Amou
,	1913.			
2429	June 30	P. S. Woodward	Salary, June, 1913	\$ 35 183 50
2430	do	1. M. Wormser	do	183
2431		A. B. Wright	do	50
2402 9433	do	T D Vengen	do	50 75 100 125 208 30 35
2434	do	Jacob Zeitlin	do	125
2435	do	Charles Zeleny	. do.	208
2436	do	H. F. Zoller	do	30
2437	do	J. E. Ackert	Fellowship, June, 1913	35
2438	do	F. H. Adler	do	35 35 30 35
2439	do	Josephine E. Burns	do	35
2440	do	Margaret V. Cobb	do	30
2441	ao	Edna L. Forrey		35
244 <i>2</i> 9442		D. D. Geyer	do	30
2440	do	E O Hanga	do	30
2445	do	E A T Kircher	do	30
2446	do	P. A. Lehenbauer	- do	30
2447	do	H. H. McGregor	do	30
2448	do	L. C. Mathewson	do	30
2449	do	L. F. Nickell	do	40
2450	do	A. W. Orcutt	do	35
2451 0450	go	A. F. Pelne		30
2402 0459	do	Claringo Dinolean	uo	35 40 30 30 30 30 30 40 35 35 35 35 35
44U0 9451		Trme F. Voiet	do	30
2455	do	P. S. Welch	do	35
2456	do	G. Y. Williams	do	35
2457	do	Alice Biester	Scholarship, June, 1913	25
2458	do	E. W. Brown	do	25 25 25 25 25 25 25 25 25 25 25 25 25 2
2459	do	D. M. Brumfiel	do	25
2460	do	F. E. Clark	do	25
2461	do	Jesse L. Conel	do	25
2462	do	S. H. Cox	do	25
2403 9464	do	D. W. Englis	do	20
2465	do	Ola M. I. Eskalson	do	25
2466	do	S E Fanguher	do	25
$\frac{2100}{2467}$	do	S. B. Fracker	do	25
2468	do	Byne F. Goodman.	do	28
2469	do	Sappho C. Graham	do	25
2470	do	Ruby M. Grimes	do	25 25 25 25
2471	do	Mary A. Haan	do	25
2472	do	Homer Hall	do	25
24/3	do	A. C. Haniord		25 25
24 ( 9 9475	do	William Hill		26
2476	do,	Nellia N. Hornor	do	25
2477	do	I W Howard	do	25 25 25 25 25 25 25 25
2478	do	P. W. Ivev	_do	2
2479	do	Gretchen Lutz	do	2
2480	do	Janet M. Macdonald	do	25
2481	do	J. E. Miller	do	25
2482	do	Edna Mosher	do	25
2483	do	J. B. Nathanson	do	25
2484	do	F. G. Norbury		25
2485 9400	ao	K. H. Nottelman	av	25
4400 9497	do	Mary M. Spangler	do	91
2422	do	W A Swanson	do	2.5
2489	do	Lily B. Voegelein.	do	2
2490	do	Margaret Washington	do	2
249Î	do	P. Q. Wright	do	2
2492	do	A. E. Zucker	do	25
2493	do	Lilla M. Alexander	Salary, June, 1913	60
2494	do	W. E. Alley	(do	85
2495	do	Winiired L. Amos		68
2490	ao	C F Atkinger		1/1
2497	oo	Mary I. Blockwell	do	141
2490 2400	do	T. A Roice	do	19
2500	do	Wimifred L. Amos Ethel Ash. C. E. Atkinson. Mary L. Blackwell. L. A. Boice. Tabitha J. Broadhurst. Ina M. Brown. Sarah E. Bryan. Helen I. Buckler. Agnes M. Cole. C. C. Crawford H. E. Cunningham C. E. Dalton.	do	20 22 22 22 22 22 22 22 22 22 22 21 21 21
2501	do	Ina M. Brown	do	60
2502	do	Sarah E. Bryan	. do	65 50 71
2503	do	Helen I. Buckler	do	50
2504	do	Agnes M. Cole	do	75
250	jdo	C. C. Crawford	. do	1 60
2506	j do	H. E. Cunningham		150
	71 414	IC E Dalton	. do	. 4.5

0.	Date.	To whom.	For what.	Amou
	1913.			
2508	June 30	Franc Durfey, Edith Emigh Frances M. Feind R. I. Fieg Viola Fraser Frances G. Garwood Antoinette Goetz. Elizabeth Good Mabel F. Griffith Carmen Harnack Eliza Hart C. H. Havens N. Hay	Salary, June, 1913	\$ 50
509	do	Edith Emigh	do	65 75
510	do	Frances M. Feind	do	78
511	do	R. I. Fieg	do	50 55
512	do	Viola Fraser.	do	55
513	do	Frances G. Garwood	do	43 65 40
514	do	Antoinette Goetz	do	68
515	do	Elizabeth Good	do	40
516	do	Mabel F. Griffith	do	. 60
517	do	Carmen Harnack	do	55 35 120 166
518	do	Eliza Hart	do	3/
519	do	C. H. Havens	do	120
520	do	N. Hav	do	166
521	do	Myrtla E. Haster	do	58
500	do	Torio B. Houghang	1 do	7/
502	do	A TT TT::11	do	6
504		Katia T. Tumpishanga	4.	50
024	ao	Katie L. Humrichouse		30
525	ao	Marie Jester	do	45 55 45
526	do	Gertrude Johnson	do	58
527	do	J. J. Johnson	do	4.
528	do	J. H. Kelley	do	160
529	do	C. H. Havens N. Hay N. Hay Myrtle E. Heater Josie B. Houchens A. H. Hull Katle L. Humrichouse Marie Jester Gertrude Johnson J. J. Johnson J. H. Kelley Nora Kirwin Aurella Knapp L. E. Knorr Allie Lamb A. R. Lee	do	160 41
530	do	Aurella Knapp	do	64 14
531	do	L. E. Knorr	do	140
532 533	do	Allie Lamb	do	4.
533	do	A. R. Lee	do	9
534	do	Louise A. Lietz	do	36
535	do	Stelle Land	do	5.
536	40	C. M. McConn	do	233
527	do	A mag MaCurty	do	8
600	uo	Tone McMullin	do	1 4
200	qo	Tane McMunin		2
539	ao	L. Mae Manspeaker	qo	23: 8: 4: 8: 5:
540	ao	Jennie Matners	do	2
541	do	Maude E. Meneley	do	. 50
542	do	C. F. Miller	do	8
543	do	Lloyd Morey	do	8
544	do	J. A. Morrow	do	160 110
545	do	M. W. Murphey	do	110
546	do	Catherine S. Oaks	do	6
547	do	H. D. Oberdorfer	do	160
548	do	Elizabeth C. Peel	do	16
549	do	Thomas Peel	do.	5
550	do	F. W. Post	do	7.
551	do	Harriet L. Postlewaite.	do	7.
559	do	Myrtle A Renz	do	1
552	40	Clara A Pickets	do	6
551	40	Nollio M Pohortson	do	5
004 EEE		Death Cham	do	. 5
555		Derina Sharp		5. 9
၁၁၁	ao	Anna L. Snepard	qo	10
00/	ao	T. J. Snowers		12 5
558	ao	para M. Slater	ao	5
559	do	Bertram Smith	ao	10
560	do	L. M. Smith	do	10
561	do	Jessie A. Smith	do	10
562	do	L. E. Knorr Allie Lamb A. R. Lee Louise A. Lietz Stella Lund C. M. McConn Agnes McGurty Jane McMullin L. Mae Manspeaker Jennie Mathers Maude E. Meneley C. F. Miller Lloyd Morey J. A. Morrow M. W. Murphey Catherine S. Oaks H. D. Oberdorfer Elizabeth C. Peel Thomas Peel F. W. Post Harriet L. Postlewaite Myrtle A. Renz Clara A. Rickets Nelle M. Robertson Bertha Sharp Anna L. Shepard T. J. Showers Sara M. Slater Bertram Smith L. M. Smith Jessie A. Smith Mayme L. Smith O. E. Staples Alfred Steitz Salpra Stevens Sigurd Strom M. E. Thompson	do	6
$56\overline{3}$	do	O. E. Staples	do	15
564	do	Alfred Steitz	do	7
565	do	Sahra Stavens		7. 5
566	do	Signed Strom	do	0
567	do	M F Thompson	do	8
UU1 KRO	do	Mory Torronge	do	2
008 500	uo	T T Corres	40 *	5. 15
509	ao	C. D. Forth	uu	1 2
5/0	ao	G. F. TUUIIO	uu	9
971	ao	Josephine Tyrrell		4. 8
572	do	Lida E. Voight	ao	8
573	do	Lida E. White	do	50 43
574	do	B. L. Winchester	do	4
575	do	H. T. Wyninger	do	5
576	do	Orr Allyn	do	70
577	do	J. P. Aumer	do	150
578	do	D. O. Barto.	do	160
570	do	F. C. Baller	do	1 12
500	do	Tsahal Raviar	do	250
UOU	uo	T. F Rinding	do	70
901	uo	T O Diain	do	1 41
082	ao	Allred Stell: Sabra Stevens Sigurd Strom M. E. Thompson Mary Torrance L. J. Towne G. P. Tuttile Josephine Tyrrell Lida E. Voight Lida E. White B. L. Winchester H. T. Wyninger Orr Allyn J. P. Aumer D. O. Barto F. C. Bauer Isabel Bevier L. F. Binding J. C. Blair S. J. Bole R. E. Brand	uo	150 150 160 125 250 410
nka	do	S. J. B016	ao	166
1000				

0.	Date.	To whom.	For what.	Amou
	1913.	Sleeter Bull W. L. Burlison W. C. Coffey C. S. Crandall W. T. Crandall N. T. Crandall Nina B. Grigler E. Davenport. R. W. Dickenson I. W. Dickenson H. B. Dorner C. E. Durst J. L. Edmond K. J. T. Ekblaw August D. Evans F. A. Fisher Georgia Fleming L. E. Foglesong W. J. Fraser W. L. Gaines J. J. Gardner F. W. Garrett W. B. Gernert Charlote Gibbs Nellie E. Goldthwaite Cora E. Gray H. S. Grindley A. J. Gunderson A. F. Gustafson L. D. Hall W. F. Handschin H. A. Harding Leonard Hegnauer N. W. Hepburn S. V. Holt C. G. Hopkins R. S. Hulce James Hutchinson M. E. Jahr W. E. Joseph O. A. Keller Oran Keller Oran Keller Oran Keller L. Lang W. R. Leighty J. W. Leighty		
585	June 30	Sleeter_Bull	Salary, June, 1913	\$116 100
586	do	W. L. Burlison	do	100
587	do	W. C. Coffey	}do	225 291
586	do	C. S. Crandall	do	291
5589	00	W. T. Crandall		133 120 18 70 150 200 125 166 150 83 83 100 100 291
590	do	Nina B. Grigier		120
1500 1991		P. W. Dielengen	00	18
1092		L W. Dickenson		150
504		H R Dorner	do	190
505	do	C E Duret	do	195
506	do	I L Edmond	do	166
507	do	K I T Ekhlaw	do	150
598	do	August D. Evans	do	83
599	.do	F A Fisher	do	83
600	do	Georgia Flaming	do	100
601	do	L. E. Foglesong	do	100
602	do	W. J. Fraser	do	291
หกร	do	W. L. Gaines	do	150
604	.do	J. J. Gardner	do	100
605	.do	F. W. Garrett	do	83
606	do	W. B. Gernert	do	83 125 125 166
607	do	Charlote Gibbs	do	195
608	do	Nellie E. Goldthwaite.	do	166
609	do	Cora E. Gray	do	110 291 83
610	do	H. S. Grindley	do	291
611	do	A. J. Gunderson	do	83
612	do	A. F. Gustafson	do	150
613	do	L. D. Hall	do	225
614	do	W. F. Handschin	do	150
615	do	H. A. Harding	do	416
616	do	Leonard Hegnauer	do	250
617	do	N. W. Hepburn.	do	225 150 416 250 175 150
618	do	S. V. Holt	do	150
619	do	C. G. Hopkins	do	416
620	do	R. S. Hulce	do	100
621	do	James Hutchinson	do	100
2622	do	M. E. Jahr	do	120
2623	do	W. E. Joseph	do	125
2624	do	O. A. Keller	do	83
2625	do	Oran Keller L. R. Lang. W. R. Leighty J. W. Lloyd. C. C. Logan. D. McIntosh Wilhelm Miller J. G. Mosier H. W. Mumford F. W. Muncie A. H. Nehrling Gertrude Niederman. A. W. Nolan	do	100 100 120 125 83
2626	do	<u> L. R. Lang</u>	do	66
2627	do	W. R. Leighty	do	100 266 150
2628	do	J. W. Lloyd	do	266
2629	do	C. C. Logan	do	150
8630	do	D. McIntosh	do	2018
631	do	Wilhelm Miller	do	250 266
632	do	J. G. Mosier	do	266
633	do	H. W. Mumiord	do	416
634	ao	F. W. Muncie	qo	88
635	do	A. H. Nenriing	do	125
636	do	Gertrude Niederman		100
637	do	A. W. Nolan	Jdo	200
638	qo	J. D. Fark		150
639		Mond Dargers	u0	266 416 83 125 100 200 150 200
640	00	T A Decree	u0	100 75 83 79 250 250 133 83 191 250 120
641		C T Polition	u0	76
642	ao	Toopore Porry	do	86
643	ao	LEUROFA FEFFY	u0	1 7
644	ao	D C Dielrott	do	250
645	do	Holono M. Dingomb	do	200
646	uo	V A Place	do	133
647	uo	R F Powell	do	101
648	uo	F H Renkin	do	191
$649 \\ 650$	uo	C O Road	do	100
651	do	Harriet Rinaker	do	125
652	do	P P Poot	do	120
653	do	H A Rijeha	do	116
654	do	H P Rusk	do	175
655 8655	do	W A Ruth	do	195
2656	do	W. H. Sachs	do	195
2657	do	F. M. Simpson	do	100
2658	do	L. H. Smith	do	250
2650	do	A. H. Nenring Gertrude Niederman A. W. Nolan J. B. Park H. N. Parker Maud Parsons F. A. Pearson G. L. Peltier Leonora Perry J. H. Pettit B. S. Pickett Helena M. Pincomb V. A. Place B. E. Powell F. H. Rankin C. O. Reed Harriet Rinaker R. R. Root H. A. Ruehe H. P. Rusk W. A. Ruth W. H. Sachs F. M. Simpson L. H. Simpson L. H. Smith W. H. Smith Grace Stevens J. V. Stevenson H. W. Stewart E. Van Alstine	do	125 166 116 175 125 125 100 250 108
เลลก	do	Grace Stevens	do	
2661	do	J. V. Stevenson	do	41 , 150 150
		W Stowert	do	150
2662	1 (10)			

0.	Date.	To whom.	For what.	Amou
	1913.	L. M. Wakeley F. W. Wascher O. S. Wakins J. R. Wells H. C. Wheeler Ruth Wheeler J. E. Whitchurch A. L. Whiting John Woodard J. J. Yoke Alice V. Hamilton Bessle E. Packard Florence E. Smith M. F. Roberts. Stanley Wilkins F. W. Wilson Fred Pine Louise Redman Lizzie Reynolds Lizzie Shue H. E. Moore Lawrence Nesbit Jesse Cook Ben Durman Lawrence Engle Marjorie H. Gage Roy Argo Lucy M. Barto Lorretto White W. W. Yapp R. S. Smith J. F. Smith Cornelius Stocker E. F. Torgerson Melvin Thomas Elmer Varner Will Patterson Lillian Poll		
3664	June 30	L. M. Wakeley	Salary, June, 1913	\$100
665	do	F. W. Wascher	do	83
2000	do	O. S. Watkins	do	150
2007	do	J. K. Wells	00	70
6660	do	Puth Wheeler		150
2009	do	Kutn wneeler	do	133
2070		A T Whiting		150
679	do	Toba Woodend	4	125 70
673		T T Volce	do	83
674		Alica V Hamilton	do	75
675	do	Bossio F Poelrord	do	75
676	do	Florence E. Smith	· do	65
677	do	M F Roberts	do	45
678	do	Stanlay Wilking	Wages Tune 1913	40
679	do	F W Wilson	do	30
2680	do	Frad Pina	do	75
2681	do	Louise Redman	do	50
2682	do	Lizzia Raynolds	do	40
2683	do	Lizzia Shua	do	27
2684	do	H. E. Moore	do	50
2685	do	Lawrence Nesbit	tlo	50
2686	do	Jesse Cook	do	55
2687	do	Ben Durman	do	46
2688	do	Lawrence Engle	do	47
2689	do	Marjorie H. Gage	do	65
2690	do	Roy Argo.	do	55
2691	do	Lucy M. Barto	do	20
2692	do	Lorretto White	do	65
2693	do	W. W. Yapp	do	70
2694	do	R. S. Smith	do	55
2695	do	J. F. Smith	do	65
2696	do	Cornelius Stocker	do	88
2697	do	E. F. Torgerson	do	36
2698	do	Melvin Thomas	do	52
2699	do	Elmer Varner	do	47
2700	do	Will Patterson	do	4
2701	do	Lillian Poll	. do	50
2102	uo	Elizabeth Pulling	. do	60
2703	do	Alice Reed	. do	50
	do	J. F. Romine.	do	32
	do	G. L. Rigg	do	40
2706	do	Frank Sanders	. do	50
2707	do	Otto Schwartz	do	60
2708	do	Ethel Sharp	do	40
2709	do	J. D. Mink	do	50
	do	George Mink	do	46
2711		C T Nordia		45
2712	do	C. I. Newlin		37
2713	do	Madel Halliday		60
2714		Elmer Varner Will Patterson Lillian Poll Elizabeth Pulling Alice Reed J. F. Romine G. L. Rigg Frank Sanders Otto Schwartz Ethel Sharp J. D. Mink George Mink P. O. Moore C. I. Newlin Mabel Halliday G. M. Grantham Fred Hawkins	uu	40
$\frac{2715}{2716}$		Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand Grand	do	45 50
4110 9717	do	T D Follow		50
$\frac{2717}{2718}$		A F Kruoger	do	52
$\frac{2718}{2719}$	do	H. C. Lawson	do	32
ソフラクハ	do	<b>П.</b> О. Dawson		50
21 <i>2</i> 0	do	O M McGaa	do	25
2721 2722	do	O. M. McGee	do	4
$\frac{2122}{2723}$		H. D. McQueen M. J. Conley	do	75
2724		Rob Cook	do	47
2725		Anna Crathorna	1 do	50
2726		H. E. Crouch	do	11
2727		H. E. Crouch H. A. De Werf	do	2
2728	do.			60
2729	do	Ralph Engle		5
2730	do	Amelia Feldkamp.	do	40
2731	do	Ralph Engle. Amelia Feldkamp. T. Fullenwider.	do	55
2732	do	G. E. Gentle	do	30
2733	do	O. G. Atkinson	do	47
2734	do	G. S. Beaumont	do	3
$273\bar{5}$	do	Evalena Bowen	do	5
2736	do	Edward Brown	. do	4.5
2737	'ldo	A. C. Burwash	do	5.5
2738	do	M. R. Carlson	do	55
2739	do	M. R. Carlson M. T. Lindsey	do	.1 35
2740	do	E. A. Doisy M. L. Flanigan	do	28
2741	do	M. L. Flanigan	. do	17
OH 40	ob B	F. A. C. Smith	l .do	125

٧о.	Date.	To whom.	For what.	Amou
	1913.			
2743	June 30	Flora M. Sims.  W. M. Taylor D. C. Sprinkle H. J. Snider. Freda O. Stricklan A. J. Stoneburner Chester Turner C. E. Trout Andrew Tornquist Phillip Walters W. J. Proesel R. Pritchard H. Pritchard	Wages, June, 1913	\$83 40
2744	do	W. M. Taylor	do	40
2745	do	D. C. Sprinkle	do	50
2740	do	H. J. Snider	<b>d</b> 0	23 65
2747	do	Freda O. Stricklan	do	65
2748	ao	A. J. Stoneburner	do	50 50 20 75
2749 0750	do	Chester Turner	00	50
279U 0751	do	C. E. TTOUL.		20
4101 9759	do	Thillip Wolters	do	75
4104 0759	do	TIT T Drogg!		75 40 60
2100 2754	do	D Pritchard	do	40
2104 9755	do	R. Pritchard H. Pritchard Olive G. Reid Hazel Rhoads M. D. Rose Clint Sayer Guy Shaffer Earl Meenach Loyde Rogen	do	65
$\frac{2755}{2756}$	do	Olivo C Doid	· do	50
2757	do	Haral Dhoods	do	50 60 52
2758	do	M D Dogo	do	50
2759	do	Clint Savor	do	95
2760	do	Curt Shaffor	do	35 50 60
2761	do	Forl Moonoch	do	00
41U1 2769	do	Tarda Dagan	do	54
2762	do	Harold Mount	do	54
2764	do	W E Golden	do	100
2765	do	W B Golden	do	19
2766	do	Tomas O'Brian	do	19
2767	do	Loyde Bogan Harold Mount W. E. Golden W. B. Golden James O'Brien W. L. Harry Claude Harrolle	do	50 19 15 50 83 40
2769	do	Clauda Harrolla	do	1 40
2769	do	H I Hannah	do	50 50 83 60 50 50 11 10
2770	do	Claude Harrolle. H. I. Hannah. William Heath. Wm. Hough. Elmer Jenkins Sadie Jones. Lawrence Lahr Frances E. McClughen. Winnifred McIntosh.	do	50
2771	do	Wm Hough	do	83
2772	do	Elmer Jenkins	do	60
2773	do	Sadie Iones	do	50
2774	do do	Lawrence Lahr	do	50
$\frac{2774}{2775}$	do	Frances E. McChighen	do	111
	do	Winnifred McIntosh	do	10
2777	do	Hazel Cover	do	60
2778	do	Winnifred McIntosh Hazel Cover A. J. Corson. T. P. Crawford Emma L. Custer R. O. Cunningham Pearl Cunningham L. Donobus	do	28
2779	do	T. P. Crawford	do	50
2780	do	Emma L. Custer	do	70
2781	do	R. O. Cunningham	do	43
2782	do	Pearl Cunningham	do	61
2783	do	L. Donohije.	do	55
$\frac{2783}{2784}$	do	Feari Cumingnam L. Donohue. G. Donohue. Ralph Eaton. Margaret C. Foss. Harley Foor L. F. Frizzell Marion B. Gallaher.	do	50
2785	do	Ralph Eaton	do	47
2786	do	Margaret C. Foss	do	40
2727	do	Harley Foor	do	55
2788	do	L. F. Frizzell	do	45
2789	do	Marion B. Gallaher	do	40
2790	do	C. F. Brown	do	45
2791	do	James Boswell	do	97
2792	do	C. F. Burge	do	45
2793	do	I. F. Burdick	do	50 28 50 70 43 61 55 54 40 45 45 45 45 45 47 47 47 47
2794	do	Mildred Buckles	do	65
2795	do	E. J. Brown	do	45
2796	do	Ruth Burt	do	50
2797	do	F. C. Carle	do	45 50 45 83
2798	do	Marion B. Gallaher C. F. Brown James Boswell C. F. Burge. I. F. Burdiek Mildred Buckles E. J. Brown Ruth Burt F. C. Carle C. C. Chapman Ralph Chaplin Alpha Tornquist L. A. Hunter B. H. Dunlap W. L. Bennett Della Rogers Burt Hays	do	83
2799	do	Ralph Chaplin	do	60 37 70 60
2800	do	Alpha Tornquist	do	37
2801	do	L. A. Hunter	do	70
2802	do	B. H. Dunlap	do	60
2803	do	W. L. Bennett	do	60
2804	do	Della Rogers	do	40
2805	do	Burt Hays	do	67
2806	do	Burt Hays. T. W. Dieckmann B. L. Bowling. Marie A. Gordon	do	67 49 70 50
2807	do	B. L. Bowling	ao	70
2808	do	Marie A. Gordon	ao	50
2809	ao	vera Beyer	ao	18
2810	ao	Kay w. Wilson	ao.,	65
2811	do	K. Pergande	[ao	85
2812	do	L. S. Baldwin	ao	73
2813	do	U. A. Brumley	ao	54
2814	do	Marie A. Gordon Vera Beyer Ray W. Wilson. R. Pergande L. S. Baldwin. C. A. Brumley Mary Millar. Geo. M. Hinkley John Lankford Harrison Fahrnkopf F. W. Gault H. C. Gilkerson. J. C. Anderson. C. A. Campbell	do	65
2815	ao	Geo. M. Hinkley	ao	50
2816	do	John Lankford	ao	60
2817	do	Harrison Fahrnkopf	qo	18 65 85 73 54 65 50 60 60 60 60
2818	do	F. W. Gault	do	80
2818	do	H. U. Gilkerson		60
2820	do	J. C. Anderson	ao	65
	1 00	IU. A. Campbell	ao	1 60

٠.	Date.	To whom.	For what.	Amour
	1913.	I. A. Boettiger R. R. Snapp C. I. Newlin A. A. Odell S. D. Kirkpatrick S. C. Skemp Nathan Meltz W. W. Trimble J. B. Andrews R. J. Lyons C. R. Sinclair Wayne Brown A. O. Magnuson G. W. Meyer W. W. Peters L. M. Apgar Geo. F. Paulsen W. J. Langhoff Harry Higgens Guy Fox Jesse Meyers I. F. Tillotson A. Warmbier Fred Fender Ralph Swearingen Frank Wison John Brannigan Howard Downing Thos. Butler Pete Davis W. J. Smith A. Servis Mary Ryan Ed. Richards Wm. Quinn J. F. Purkins F. M. Perry Wm. Wilde Ed. Wharmby Phillip Udinskey Geo. Turner Geo. Toy. Wm. Templin Fred Langhoff E. W. Justus Margarey Geo. Turner Geo. Turner Geo. Turner Geo. Turner Geo. Turner Geo. Turner James Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine Frank Irvine		
22	June 30	L. A. Boettiger	Wages, June, 1913	\$ 11 28
23	do	R. R. Snapp	do	28 37
24	do	C. I. Newlin		37
20	go	A. A. Udell		43
20	do	S. D. Kirkpatrick	00	17
27	do	S. C. Skemp		11
28	do	Natnan Meltz		22
29	ao	W. W. Trimble		49
30	qo	J. B. Andrews		32
91	qo	R. J. Lyons		10 54
02	ao	U. R. Sinciair		54
000	qo	wayne Brown		42
904		A. U. Magnuson		80
000	do	W. W. Determ		10 20
100		T M Amon		20
100		L. M. Apgar		20
568	qo	Geo. F. Paulsen		76
39	do	W. J. Langhoff	do	55 18
40	do	Harry Higgens	do	18
41	do	Guy Fox	do	81
42	do	Jesse Meyers	do	57 65
343	do	1. F. Tillotson	ao	65
344	do	A. Warmbier	do	63
345	do	Fred Fender	do	78
346	do	Ralph Swearingen	do	28 38
347	do	Frank Wilson	do	38
348	do	John Brannigan	do	86
349	do	Howard Downing	. do	61
350	do	Thos. Butler	do	65
351	do	Pete Davis	. do	66
352	do	W. J. Smith		61 65 66 117 61
353	do	A. Servis	do	61
854	do	Mary Ryan	. do	43
355	do	Ed. Richards	do	96
356	do	Wm. Quinn	. do	69 56 62
357	do	J. F. Purkins	. do	56
358	do	F. M. Perry	. do	62
859	do	Wm. Wilde	. do	90
360	do	Ed. Wharmby	. do	. 68
861	do	Phillip Udinskey	do	18
862	do	Geo. Turner	. do	. 65 18 61 59 84
863	do	Geo. Toy	. do	59
864	do	Wm. Templin	. do	84
865	do	Fred Langhoff	. do	55
866	do	A. Langhoff	. do	108 43 56
867	do	E. W. Justus	. do	108
868	do	Margaret Jones	. do	43
369	do	James Irvine	. do	56
870	do	Frank Irvine	. do	65 65 80 55 43
871	do	Jacob Nikolaus	. do	62
872	do	J. R. Newton	. do	. 80
873	do	Ruthe Murphey	. do	58
374	do	Rebecca Morgan	. do	43
375	do	A. U. Moran	- ao	54 54 54 55 66 55
576	do	C. P. MOOTE		5
277	do	C. M. Miller	. ao	5
578	do	Dan Meneely	. ao	6
379	do	U. E. Meenach		5
880	اdo	H. H. Manorney		6.
381	qo	rrank Stateler		7
364	ao	John Snyder		74 55 60
000	ao	Koss Hutton		6
009	ao	W. G. HIXON		. 5
885	ao	Unas. Hill		9
gg(	qo	T. U. Henderson		10
667	Jao	T. r. Harper		50
ბგე	ao	Edward Hargan		6
886	gao	Samuel Hanson	· ····································	·  6:
89(	do	Sen Hamiln		5
99]	yao	W. H. Graybeal		·  6
892	do	U. Y. Freeman		·  50
898	do	William Fogarty		·  5
894	do	Frank Fogarty		. 5
898	g do	J. J. Fiscus	-  <u>ao</u>	106 106 60 60 54 62 63 65 65 65 65 65
896	j do	Jas. McCullough	- ao	. 57
897	/ do	E. W. Justus.  Margaret Jones. James Irvine. Frank Irvine. Jacob Nikolaus. J. R. Newton. Ruthe Murphey. Rebecca Morgan. A. U. Moran. C. P. Moore. C. M. Miller. Dan Meneely. O. E. Meenach. H. H. Mahorney. Frank Stateler. John Snyder. Ross Hutton. W. G. Hixon. Chas. Hill. T. O. Henderson. T. F. Harper. Edward Hargan. Samuel Hanson. Sell Hamlin. W. H. Graybeal. C. Y. Freeman. William Fogarty. J. J. Fiscus. Jas. McCullough. Frances McCullough. Frances McCullough. Frances Long. A. J. McAlister. Thos. Long. A. C. Litton.	- ao	. 43
898	do	A. J. McAlister	- ao	. 55 43 75 . 75
2399	∂ do	Thos. Long	. ao	. 7
			l ala	

Vo.	Date.	To whom.	For what.	Amoun
	1913.			
22901	June, 30	E. C. Lewis. F. Crathorne. John Ceduskey. D. M. Payledt	Wages, June, 1913	\$ 68
22902	do	F. Crathorne	do	78 75
22903	do	John Ceduskey	do	58
2904 2005	do	Harry Brown	do	50
22906 22906	do	Basil Brown	do	69
2907	do	V. R. Barnes	do	95
2908	do	J. E. Bailev	_do	57
2909	do	W. M. Atwell	do	55
2910	do	C. E. Arrington	do	62
2911	do	Wesley Wilson	do	93
2912	do	H. L. Thomson	do	56
2913	do	C. A. Surbaugh	do	53 62
2914	do	L. M. Stearns	4.do	62
2915	do	T. B. Snyder	do	44
2916	do	Orval Snook	do	55
2917	do	Ben L. Reed	do	52
2918	do	Nick Peterson	do	54
2919	do	C. Q. Nelson	do	56
2920	ao	B. F. English	ao	55
2921	on	Della C. Corgan		54 60 34
2922 വൈ	uo	Covilla Carothara	uu	00
2923 2024	o	M Campbell	do	54
⊿უ <i>2</i> 4 ეცე≮	do	F. Crathorne John Ceduskey D. M. Bullock Harry Brown Basil Brown. V. R. Barnes J. E. Bailey W. M. Atwell C. E. Arrington Wesley Wilson H. L. Thomson C. A. Surbaugh L. M. Stearns T. B. Snyder Orval Snook. Ben L. Reed Nick Peterson C. Q. Nelson B. F. English C. A. Dunseth Rolla S. Carson Cevilla Carothers M. Campbell G. W. Boyer M. C. Booher A. J. Booker U. G. Bayen	do	52 67 68
2020 2026	do	M C Booher	do	89
2027 2027	do	M. C. Booher A. J. Booker U. G. May J. F. Long J. A. J. Klein C. C. Johnson P. S. Jeffers J. W. Hunter F. F. Hoover Clyde Hawkins G. C. Griffin V. S. Glenn T. F. Franklin Herman Fechtruph Russell Ensor Louie Fender Thos. J. Fay E. P. Dibble Joseph Davis F. Gunningham	do	93
2028	do	TI G May	do	54
2020	do	I F Long	do	54 68
2930	do	J. A. J. Klein	do	69
2931	do	C. C. Johnson	do	62
2932	do	P. S. Jeffers	do	48
2933	do	J. W. Hunter	do	48 58
2934	do	F. F. Hoover	do	57
2935	do	Clyde Hawkins	do	52
2936	do	G. C. Griffin	do	63
2937	do	V. S. Glenn	do	54
2938	do	T. F. Franklin	. do	55
2939	do	Herman Fechtruph	. do	57
2940	]do	Russell Ensor	. do	. 55
2941	do	Louie Fender		57 55 70 93
2942	do	Tnos. J. ray		95
2940		E. P. DIDDIE		83 69 114 96
2004	do	F Ginningham	do	114
2046	40	W H Clark	do	06
2010	do	Mary M Mass	do do	25
2045	do	C W Warinner	do	25 21
2949	do	Sybil Nagle	do	30
2950	do	E. J. Wilford	do	51
2951	do	B. E. Reinel	do	. 12
2952	do	Joseph Davis. F. Cunningham. W. H. Clark Mary M. Moss. C. W. Warinner. Sybil Nagle. E. J. Wilford B. E. Reinel D. Vauble. E. H. Wolworth	.do	1 44
2953	do	E. H. Walworth	. do	. 38
2954	do	K. A. McCaskill	do	.   26
2955	do	E. H. Walworth K. A. McCaskill Max B. Higgins C. E. Mattoon	do	26 26 46
2956	do	C. E. Mattoon.	. do	. 46
2957	do	George Smalley M. Ressler Edward Berbaum	do	
2958	qo	M. Kessler		111
2959	do	Edward Berbaum		1 72
2960	ao	Derma G. States	do	100
2961	ao	T A Formio	do	125
2902	do	W C Goodspood	do	(1
4000 200	do	W A Hocker	do	. 60
2065	do	H I Vanderheek	do	67
20RF	do	Florence Nyherg	do	50
2967	do	S. T. Wallage	do do do	54 67 50 41
2969	do	G. W. Porter	do	60
2969	do	Daisy Swearingen	do	. 50
2970	do	G. E. Wright	. do	50 94 81
2971	do	Chas. Gundlock	do	.  81
2972	2do	Marion E. Sparks	. do	1 28
2297	3do	J. E. Morgan	do	. 23
2297	do	C. M. Earhart	do	. 34
2297	do	M. Ressier Edward Berbaum Bertha G. States. J. M. Lindgren F. A. Ferris. W. S. Goodspeed. W. A. Hooker H. J. Vanderbeek Fflorence Nyberg. S. T. Wallage G. W. Porter Daisy Swearingen G. E. Wright Chas Gundlock Marion E. Sparks J. E. Morgan C. M. Earhart Verna A. Manley Martin Sandwell J. H. Vandiventer L. F. Lindsey	do	. 44
22976	i do	Martin Sandwell	. do	1 86
2297	[ do	J. H. Vandiventer	dodo Daily products furnished depart ment of dairy husbandry	. 96
22978	3∣June 26	L. F. Lindsey	Daily products furnished depart	2

To.	Date.	To whom.	For what.	Amour
,	1913.	W. F. Hampton R. A. Lumsden A. J. Putscher Mart Watterson J. H. Schwengel E. J. Percival P. P. Dunn R. S. McInness C. C. Gordon David Wilkin G. F. Diefenbach M. Hudson O. A. McInness E. F. Lyons I. H. Besore E. Grove Lou Creiger W. H. Webb J. F. Hoy H. C. Kaufman A. W. McJilton David Hahn A. G. Krukewitt W. L. Davis F. C. Stevenson H. F. Ridgeley W. J. Wägner T. H. Richardson P. J. Wagner T. H. Richardson Ed Heppe T. H. Brewer Z. Alsip E. P. Ott	•	·
2979	June 26	W. F. Hampton	Dairy products furnished depart-	\$ 1
2980	do	R. A. Lumsden	do	1
2981	do	A. J. Putscher	do	1
2982	do	Mart Watterson	do	3
2984	do	E. J. Percival	-do	$\begin{array}{c c} 4 \\ 2 \end{array}$
2985	do	P. P. Dunn	do	2 3 2
2986	do	R. S. McInness	do	2
2987 2988	do	David Willrin	do	3 2
2989	do	G. F. Diefenbach	_do	2
2990	do	M. Hudson	do	3
2991	do	O. A. McInness	do	2 1
2992 2993	do	I H Resore	do	2
2994	do	E. Grove	do	4
2995	do	Lou Creiger	do	3 2
2996 2007	do	W. H. Webb	do	2
2998	do	H. C. Kanfman	_do	3
2999	do	A. W. McJilton	do	4
3000	do	David Hahn	do	4
3001 3001	op	W I. Davis	do	5 3 4
3003	do	F. C. Stevenson	do	3
3004	do	H. F. Ridgeley	do	4
3005	do	W. J. Wilson	. do	3
300t 3007	do	T H Richardson		. 6
3008	do	Ed Heppe	do	30534222243557354552763677
3008	do	T. M. Ghere	do	4
3010	do	R. H. Brewer Z. Alsip. E. P. Ott. J. F. Hubbard J. H. Umbanhowar J. D. Perham. E. R. Canady Wm. Case S. Lee. C. M. Van Meter. L. F. Bialeschski. G. W. Van Meter F. H. Busey J. A. R. Koch J. M. Herriott Nicholas Hahn	do	. 2
3013	do	Z. Alsip.		2
3013	do	J. F. Hubbard	_do	
301	do	J. H. Umbanhowar	do	4
301	do	J. D. Perham	. do	. 3
301,	do	Wm Casa	.  do	
3018	do	S. Lee		1 7
3019	do	C. M. Van Meter	do	. 3
3020	]do	L. F. Bialeschski	. do	-  3
2302	do	F H Rusey	- @0	9
302	do	J. A. R. Koch	do	.  `` `` `
302	4do	J. M. Herriott	do	. 2
202	do	Nicholas Hahn	. do	1 7
302	do	J. B. Marsh	do	9
2302	3 do	G. H. Spencer	do	$ \cdot $
302	11 - do 1	W. D. Rohl	do	. 3
303 303	do	Fronk Vnov	- do	1 3
303	2 do	Z. C. Keene	do	
303	3do	C. C. Rayburn	. do	3 3 3
303 303	11do	W. C. Gulick	. do	·
303	do	Pearl Hazen	- do	
303	( do	Wm. Herriott	. do	
202	do .	D. W. Shiveley	do	. 6
303	do	S. Herriott	. do	. ]
304	do	I. H. Gordon	do	
304	2 . do	W. C. Welch	. do . do . Wages, June, 1913. . do . do	
304	]do	Ethel V. Manley	.   Wages, June, 1913	. 55
304	do	Nellie R. Roberts	. do	68
304	do	Myra Warner	. do	
304	do	Horace Ingalls	do	. 60
23048	do	Ralph Morray	- do	. 50 50
304\ 3054	do	Alica L. Wing	. do	75
305	(do	Mary Hubbard	do do do	. 60
305	do	Hazel Y. Shaw	. do	. 50
305	do	S. Herriott. L. P. Rayburn. L. H. Gordon. W. C. Welch. Ethel V. Manley. J. J. Herbert. Nellie R. Roberts. Myra Warner. Horace Ingalls. Ralph Morray. Florence Stoutzenberg. Alice L. Wing. Mary Hubbard. Hazel Y. Shaw. Zeliaette Troy. Mrs. Marguerite Munn. The Inner-Brace Chair Co. E. G. Mendenhall.	do	1 55
23051	June 2	The Inner-Brace Chair Co	do Chairs Hardware	20
2000	da Zi	E G Mandanhall	Hardware	11

0.	Date.	To whom.	For what.	Amou
	1913.			_
3057	June 30	Morrill & Morley Mfg. Co. Olney Coal Co. Keystone View Co. A. J. Nystrom & Co. The Carson-Payson Co., Contractors. Eugene Dietzgen Co. Peck & Hills Furniture Co. T. H. Flood & Co. Bennett's Newspaper & Magazine Agency Julius Kuhlman. The Classical Assn. of the Atlantic States The Librarian, University of Toronto. Goodspeed's Book Shop.	Hose supplies	\$ 4 11 102 61 , 174
3058	do	Olney Coal Co	Coal	11
3059	do	Keystone View Co	Slides	102
3060	do	A. J. Nystrom & Co.	Maps and charts	61
0080 2001	do	Furgono Diotagon Co., Contractors	Apperetus	38
2062	do	Pack & Hills Furniture Co	Table	90
2064	do	T H Flood & Co	Rooks	19 10
1065	do	Bennett's Newspaper & Magazine Agency	Books	l
3066	do	Julius Kuhlman	do	4 5 1
3067	do	The Classical Assn. of the Atlantic States	do	5
3068	do	The Librarian, University of Toronto	Book	1
069	do	Goodspeed's Book Shop	do	1
070	do	Ackyrod & Best	Machine	45
071	do	The Julia F. Burnham Hospital	Room and board	9
072	do	J. T. Baker Chemical Co.	Refund	3
073	do	Eastern Moline Plow Co	Crusher	45 9 3 34
074	do	W. F. Langeller	Expenses	51 60
075		F. M. Lesile	Picture frames	60
077	uo	D H Llordo	Office supplies	164
078	do	Library Rureau	Guides and carde	104
070	do	A. O. Magnison	Photograph supplies	128
080	do	Peck & Hills Furniture Co. T. H. Flood & Co. Bennett's Newspaper & Magazine Agency Julius Kuhlman. The Classical Assn. of the Atlantic States The Librarian, University of Toronto. Goodspeed's Book Shop. Ackyrod & Best. The Julia F. Burnham Hospital. J. T. Baker Chemical Co. Eastern Moline Plow Co. W. F. Langelier. F. M. Leslie. W. Lewis & Co. D. H. Lloyde Library Bureau. A. O. Magnuson Mittendorf & Kiler The Miller Harness Co. R. C. Wagner & Son. W. C. Zimmerman H. D. Oberdorfer Bacon Bros. R. W. Braithwaite. Bausch & Lomb Optical Co. Theo. Altender & Sons. Illinois State Reformatory. A. L. A. Publishing Board The Standard Calorimeter Co. University of Illinois Building Depart- department. Engineering Experiment Station. W. W. Lindley, Postmaster Kutz Stationery Co. Department of animal husbandry J. M. Lindgren H. A. Hollister. The Walter The Warner Elevator Mfg. Co. T. P. Lyons.	Furniture	211
081	do	The Miller Harness Co	Repairs	6 164 38 128 211 8 187 987
082	do	R. C. Wagner & Son.	Labor	187
083	do	W. C. Zimmerman	Services	987
084	do	H. D. Oberdorfer	Expenses	12
085	do	Bacon Bros	Paint, etc	18
086	do	R. W. Braithwaite	Service and medicine	57
087	do	Bausch & Lomb Optical Co	Laboratory apparatus	57
880	do	Theo. Altender & Sons	Bow pen	146
089		Illinois State Reformatory	Cumpling	140
1090	do	The Standard Colorimeter Co	Suppnes	9
1600	do	University of Illinois Building Depart		ا ا
002		department	Labor	16
3093	do	Engineering Experiment Station	Stamps	10 153 28
3094	do	W. W. Lindley, Postmaster	.do	153
3095	do	Kutz Stationery Co	Supplies	28
3096	do	Department of animal husbandry	Piĝs	2
3097	do	J. M. Lindgren	Analyses	32
3098	do	H. A. Hollister	Expenses	9
3099	do	The Warner Elevator Mig. Co	Walter	778
STOO		T. P. Lyons	mont of doing hyghenday	
2101	do	C. Allen	do	1
102	do	Geo Schiff	do	9
103	do	Fred Thompson	- do	
104	do	Ralph Smith.	do	ì
3105	do	John Godsell	Labor Stampsdo. Supplies Pigs Analyses. Expenses Waiter Dairy products furnished department of dairy husbandrydododododododo	) 8
3106	do	A. R. Grindoley	do	4
3107	do	C. Pittman	do	4633113443113554
3108	do	Chas. Abbott	do	1
109	do	Grant Freeman		
1110		Andrew Chields	ao	
1110	ao	F Shaffer	do	
1112	uo	W A Ashworth	do	1 2
1114	do	J. A. Daeger	do	2
1115	do	T. F. Jordan	do	
3116	do	C. Ross	do	l ì
3117	do	S. Atchison	do	2
3118	do	J. H. Willsey	do	8
3119	June 30	Etta Anette Hensel	Wages, June, 1913	35
3120	do	Florence J. Curry	do	35 35 36 36
3121	do	J. C. Scharf		26
3122	do	Edith Jay		30
3123	do	C. T. Tunggrigh	do	24 50
0124 910	do	C C Rand	do	18
3196 3196	uo	T. P. Lyons.  C. Allen Geo. Schiff Fred Thompson. Ralph Smith John Godsell A. R. Grindoley C. Pittman Chas. Abbott. Grant Freeman G. G. Cochran. Andrew Shields. F. Sheffer W. A. Ashworth J. A. Daeger T. F. Jordan C. Ross S. Atchison J. H. Willsey Etta Anette Hensel Florence J. Curry. J. C. Scharf Edith Jay F. C. Hare C. T. Jungerich C. C. Rand R. R. Danielson G. G. White E. R. Ellis Amos Wright A. Bevis. The Torsion Balance Co. L. W. C. Gas & Electric Co. Twin City Feed Mill & Coal Yards.	do	100
0120 2197	do	G G White	do	28 12
3199	do	E. R. Ellis	do	AF
3120	do	Amos Wright	_do	93
3130	do	A. Bevis	do	143
0101	June 28	The Torsion Balance Co	Funnels	1 2
313		,	10	1 47
3131	.do	U. & C. Gas & Electric Co	Gas	10

0.	Date.	To whom.	For what.	Amou
	1913.	Franklin Valbert. Vaughan's Seed Store L. S. Baldwin. C. M. McConn. Underwood Typewriter Co. Ralph Hilscher. Morava Construction Co., Contractors. Western Kieley Steam Specialty Co. The Urbana Courier Co. The W. S. Tyler Co. H. H. Stoek. The Taylor Hardware Co. Department of Chemistry G. E. Stechert & Co. J. Terquem & Cie. J. C. Thomas. The University Press. The U. of I. Supply Store. Illinois Traction System, Urbana. The Wabash R. R., Urbana. C., C., C. & St. L. Ry. Co., Urbana. John Sexton & Co. Mrs. Princess Dunn Buchan Sales Co. Geo. E. Amsbary Co. Armour & Co. Twin City Printing Co.		
134	June 28	Franklin Valbert	Halter leads	\$ 2 6 29
135	do	Vaugnan's Seed Store	Supplies	
27	do	C. M. McConn	Wages, June, 1913. Expenses. Machine Expenses. Payment on contract. Sumplies	29
38	do	Underwood Typewriter Co	Machina	71
39	do	Ralph Hilscher	Expenses	15
140	do	Morava Construction Co., Contractors	Payment on contract	3,500
141	do	Western Kieley Steam Specialty Co	Supplies	18
42	do	The Urbana Courier Co	Payment on contract. Supplies Printing Brass pans Expenses Supplies do Books	18
143	do	The W. S. Tyler Co	Brass pans	23 23 83 148 236
144	do	H. H. Stock	Expenses	_2
145	do	The Taylor Hardware Co	Supplies	23
140	ao	Department of Chemistry		188
147	do	T Torquem & Cie	do do	148
140		T. C. Thomas	Hordware	230
150	do	The University Press	Printing	162
151	do	The II of I Supply Store	Office supplies	169
152	do	Illinois Traction System, Ilrhana	Freight	102
153	do	The Wabash R. R., Urhana	-do	16
154	do	C., C., C. & St. L. Rv. Co., Urbana	do	16 40
155	June 30	John Sexton & Co	Books	38
156	do	The Wabash R. R., Urbana. C., C., C. & St. L. Ry, Co., Urbana. John Sexton & Co. Mrs. Princess Dunn Buchan Sales Co. Geo. E. Amsbary Co. Armour & Co. Twin City Printing Co. L. M. Wakeley C. Loveridge. C. Loveridge. Cornelius Stocker F. A. Pearson A. L. Moats. A. F. Krueger R. E. Brand W. T. Crandall G. M. Hinkley. Harrison Fahrnkopf R. W. Dickenson C. A. Campbell F. W. Wascher F. A. Fisher Imperial Cotto Milling Co Eastern Moline Plow Co Tuttle & Clark Farrar & Quinlan Williams Bros. W. W. Walls & Co Garlock Packing Co Denver Fire Clay Co. Twin City Electric Co. Whitall Tatum Co. W. F. M. Goss. Howard & Morse R. E. Zombro. Western Carbon & Ribbon Co. Albert Wuestman John W. Lloyd A. W. Nolan G. L. Peltier Thomas Stone. Paisley & Shively Armour Fertilizer Works The MacMillan Co. Bean Spray Pump Co. Dr. Edgar J. Banks. Ward's Natural Science Establishment Rand McNally & Co. Crescent Paper Co. R. R. Donnelley & Sons Co. The Cleveland Seating Co. C. W. Bardeen Americus Book Co. Carbondale Printing Co. S. O. Andros J. & C. Baszanger Engineering Magazine Chalmers & Williams Ingersoll-Rand Co. Hendrick Mfg. Co.	Groceries Eggs Loose leaf binders Supplies Extract of beef Card indexes Expenses	259
L57	do	Buchan Sales Co	Loose leaf binders	1
L58	do	Geo. E. Amsbary Co	Supplies	259
159	do	Armour & Co	Extract of beef	250
160	do	Twin City Printing Co	Card indexes	1 2
191	do	L. M. Wakeley	Expenses	.5
162	ao	C. Loveriage	00	18 18
164		F A Pagrager	do	19
165		A. T. Moota	do	40 19
166	do	A F Kruagor	do	10
167	do	R E Brand	do	25
168	do	W. T. Crandall	do	11
169	do	G. M. Hinkley	do	Î
170	do	Harrison Fahrnkonf	do	39
171	do	R. W. Dickenson	do	19 32 27 40
172	do	C. A. Campbell	do	40
173	do	F. W. Wascher	do	52 71
174	do	F. A. Fisher	do	71
175	do	Imperial Cotto Milling Co	Cottonseed meal	119
176	do	Eastern Moline Plow Co	Implements	23
170	ao	Tuttle & Clark	Coods	119 22 18 18 13 13
170		Williams Bros	Gunnling	1 16
IRU		W W Wolle & Co	Lumber	16
181	do	Garlock Packing Co	Packing	1 19
82	do	Denver Fire Clay Co	Supplies	133
83	do	Twin City Electric Co.	Extension cord	10
184	do	Whitall Tatum Co	Supplies	70
85	do	W. F. M. Goss.	Expenses	277
186	do	Howard & Morse	Sieve	70 277 3
187	do	R. E. Zombro	Rental	4
188	do	Western Carbon & Ribbon Co	Paper	]
189	do	Albert Wuestman	Clock	10
190	do	Jonn W. Lloyd	Expenses	9
91	do	A. W. Nolan		
102	ao	Thomas Stone	Tigo of horse	
QA	uo	Paislay & Shively	Storage	a.
105	do	Armour Fartilizar Works	Fertilizer	66
196	do	The MacMillan Co.	Book	1
197	do	Bean Spray Pump Co	Supplies	1
198	do	Dr. Edgar J. Banks.	Tablets.	50
199	do	Ward's Natural Science Establishment.	Models and casts	119 144 76
200	do	Rand McNally & Co	Maps	144
201	do	Crescent Paper Co	Supplies	76
202	do	R. R. Donnelley & Sons Co	Printing	854
203	do	The Cleveland Seating Co	Chairs	854 32 25 130
204	do	C. W. Bardeen	Books	25
205	do	Americus Book Co	do	
206	do	Carbondale Printing Co	Printing	130
207	do	S. U. Andros	Expenses	100
4U8		J. & U. Baszanger	Cubaggintian	102 3 160
2U9	oo	Chalmars & Williams	Equipment	100
٥Ľ۷	uo	Chaimers & Williams	Cupilies	59 7
911				

#### ${\tt GENERAL~UNIVERSITY~WARRANTS} - {\tt Continued.}$

0.	Date.	To whom.	For what.	Amou
	1913.	•		
3213	June 30	C. V. Ritter. W. W. Walls & Co. Ernst Hertzberg & Sons. Shaw-Walker Co. Walker & Mulliken. W. M. Welch Co. A. F. Gustafson. Woldenberg & Schaar. G. C. Willis	Book	\$ 15 25
3214	do	W. W. Walls & Co	Lumber	25
3215	]do	Ernst Hertzberg & Sons	Lumber  Bookbinding  Furniture	1 39
3216	do	Shaw-Walker Co	Furniture	70
3217	do	Walker & Mulliken	do. Office supplies Expenses Laboratory supplies	66
3218	do	W. M. Welch Co	Office supplies	39
3219	do	A. F. Gustafson	Expenses	42 163
ეეეე	do	Woldenberg & Schaar	Laboratory supplies	163
3221	do	G. C. Willis	Dry goods	11
3222	do	G. C. Willis C. H. Stoelting Co. Swartz Electric Shop. Frison Carriage Shop C. M. Pfeister	Dry goods. Suppliesdo. Wheel Dairy products furnished depart-	63 8 12
3223	do	Swartz Electric Shop.	đo	8
224	do	Frison Carriage Shon	Wheel	12
225	do	C. M. Pfeister	Dairy products furnished depart-	
		0. 22. 2 -0.5002	ment of dairy husbandry	4
226	do	J. M. Stickrod	do	
220	do	Lon Creiger	do	1
221	do	T E Handargon	do	1 1
220		H T Molson	do	1 7
020		XV //\ TTommtom	u0	1 :
230		T TT Decement		1 :
231		I. H. Desore	uo	;
232	ao	J. H. SCHWengel		
233	ao	Geo. Taylor		
234	do	E. Grove.	ao	1 3
235	do	C. M. Pfeister  J. M. Stickrod. Lou Creiger J. E. Henderson H. I. Nelson W. T. Hampton I. H. Besore. J. H. Schwengel Geo. Taylor E. Grove Mart Watterson O. W. Hampton O. A. McInness J. F. Hoy C. C. Gordon R. S. McInness H. Wascher H. C. Kaufman David Wilkin G. F. Diefenbach M. Hudson W. H. Webb A. J. Putscher J. F. Hubbard G. W. Van Meter James Freeman W. E. Womacks E. R. Canady Van Carter H. H. Krukewitt E. M. Frankenberg C. A. Fogel Fred Krukewitt M. Leigh T. M. Clayton J. A. R. Koch W. J. Willson J. R. Ridgeley O. F. Gullick Len Rayburn W. W. J. Willson J. R. Ridgeley O. F. Gullick Len Rayburn W. W. J. Willson J. R. Ridgeley O. F. Gullick Len Rayburn W. J. Milson J. R. Ridgeley O. F. Gullick Len Rayburn W. J. Willson J. M. Reigher J. M. Herriott John Rueb James Fisher F. H. Busey D. B. White C. Wilson	do	1
236	do	O. W. Hampton	do	:
237	do	O. A. McInness	do	:
238	do	J. F. Hoy	do	· 2
239	do	C. C. Gordon	do	1 2
240	do	R. S. McInness	do	:
241	do	H. Wascher	do	
242	.do	H. C. Kaufman	do	. :
243	do	David Wilkin	.do	
244	do	G. F. Diefenbach	do	1
245	do	M Hudson	do	3
240	do	W H Webb	do	:
047	do	A T Dutacher	do	
040		T F Hubbard	do	
040	do	C. W. Von Moton	do	1
249		Tomas Programan		į .
200		James Freeman		
5251	ao	W. E. Womacks		
3252	do	E. R. Canady	do	
253	do	Van Carter	ao	'
3254	do	H. H. Krukewitt	ao	1 :
255	do	E. M. Frankenberg	do	
3256	do	C. A. Fogel	. do	1
3257	do	Fred Krukewitt	do	1
3258	3 do	M. Leigh	do	
1259	do	T. M. Clayton	do	.]
260	do	J. A. R. Koch	do	
261	do	W. J. Willson	do	
262	do	J. R. Ridgelev	do	
263	do	O. F. Gulick	do	.1
264	do	Len Rayburn	do	.1
265	do	Wm. Van Buskirk	do	
266	do	Geo. Herriott	do	1
267	do	Z. C. Keene	do	
201	do	I M Herriott	do	1
400 960	do	John Rush	do.	1
200	uo	Tomos Fisher	do	
2/0	uo	T IT Dagger	do.	
271	ao	F. H. Dusey		1
272	qo	D. B. White	[qo	:
273	ao	U. Wilson	. qo	4 : 1
274	do	J. H. Rutan	. ao	1
275	do	Frank Hetro		
276	do	W. E. Heyer	do	
277	do	J. H. Pittman	do	4
278	do	C. M. Reed	. do	
279	do	E. W. Morrison	. do	.]
280	do	C. J. Gillespie	. do	.1
281	do	I. H. Gordon	do	
3282	do	W. C. Welch	do	.1
3283	. do	I. W. Maxwell	do	
3284	do	H. W. Mumford	Expenses	
3285	40	Champaign Saed Co	Food	1
2000	40	Tohn Sayton & Co	Connod goods	1
2000	do	Dryin City Doofing & Chast Matel W.	Tahar and aunnited	1 4
3287	Jo	A sthern II. The among C.	Lanor and supplies	1
3288	gao	James Fisher F. H. Busey D. B. White C. Wilson J. H. Rutan Frank Hetro W. E. Heyer J. H. Pittman C. M. Reed E. W. Morrison C. J. Gillespie I. H. Gordon W. C. Welch I. W. Maxwell H. W. Mumford Champaign Seed Co John Sexton & Co. Twin City Roofing & Sheet Metal Works Arthur H. Thomas Co. Metzler & Schaefer Co Watson Faulkner		1 1
4.7XC	do	Metzier & Schaeler Co	Дуе	
200	do			

0.	Date.	To whom.	For what.	Amour
	1913.	:		
291	June 30	R. E. Brand H. A. Harding. S. V. Holt. F. L. Hale. Geo. W. Medley. Bacon Bros. Frison Carriage Shop. Friend Mfg. Co. Benedict Wrench Co. James B. Clow & Sons. Western Electric Co. James H. Rice Co.	Expenses	\$ 7
3292	do	H. A. Harding	do	45
3293	do	S. V. Holt	do	119
294		F. L. Hale	do	27
1290 1906	do	Rosen Bres	Panaire	45
1290	do	Frison Carriage Shop	Supplies	1
298	do	Friend Mfg. Co.	.do	6
3299	do	Benedict Wrench Co.	Chain wrench	ĭ
3300	do	James B. Clow & Sons	Supplies	3
3301	do	Western Electric Co	do	3
302	do	Western Electric Co. James H. Rice Co. The Carl Bajohr L. C. Co. McMaster Carr Supply Co. W. F. Hardy. Chas. A. Strelinger Co. The Inner Brace Chair Co. Contral Signific Co.	Glass	5
303	do	The Carl Bajohr L. C. Co	Supplies	2
304	do	McMaster Carr Supply Co	Valve	25
305	do	W. F. Hardy	Gear	65
300	do	Chas. A. Strelinger Co	Supplies	1
307	ao	The inner Brace Chair Co	Chairs	28
50U8	do	Central Scientific Co	Supplies	3
53U9		Chas. H. Besty & Co	Asbestos board	49
9911 9911	do	C W Johnson	Megaphone	2
1319	do	Chas. H. Besly & Co. Keashey & Mattison Co. C. W. Johnson. General Electric Co.	Supplies	4
				3
3314	do	P. Adams.	Dravage	31
3315	do	Green Street Pharmacy Peck & Hills Furniture Co.	Supplies Repairs Drayage Supplies	4
3316	do	Peck & Hills Furniture Co	LUASK	1 20
				1 16
3318	do	Mittendori & Kiler	Storage Linoleum	. 56
3319	do	Harry Ferguson	Expenses	19
3320	) do	Mittendori & Kiler Harry Ferguson A. C. McGlurg & Co. B. E. Powell	Paper	212
3321	do	B. E. Powell A. J. Gunderson E. T. Benjamin. Underwood Typewriter Co. O. E. Shobe & Co. Sears, Roebuck & Co. Automatic Electric Co. Driver-Harris Wire Co. Jones & Laughlin Steel Co. E. C. Schmidt. J. B. Park	Expenses	
3322	do	A. J. Gunderson	do	
3320	do	E. T. Benjamin	Horse shoeing	
3329	do	O E Shohe & Co	Tivony	
00Zi	3 40	Soare Doobyale & Co	Supplies Livery Car movers	
220'	7 do	Automatic Electric Co	Supplies	1 9
2209	do	Driver-Harris Wire Co	do Steel Expenses	
3390	do	Iones & Laughlin Steel Co	Steel	
333(	do	E. C. Schmidt	Expenses	
3331	ldo	J. B. Park	do	.) 14
3332	2do	The Arthur H. Clark Co.	Book	- 4
3333	3 do	Alexander H. Revell & Co. McGraw Hill Book Co.	Repairs to rug	. 15
3334	1 do	MoGraw Hill Book Co	.  Book	
333.	51do	Flanigan-Pearson Co	Printing Office supplies Dry goods Supplies Building material	. 102
3336	do	D. H. Lloyde	Office supplies	. 48
3337	/do	Flat Iron Store Co	Dry goods	
3338	3 do	C. A. Hall Hardware Co	Desilding motorial	62
333°	do	Learnitt Mfg. Co.	Hardware.	13
2241	o do  do	Derrough & Co	do	
334	2 do	The Taylor Hardware Co	Supplies	. 5
334	3do	The Saffell Co.	Hardware	. 5
3344	4 . do	C. A. Hall Hardware Co. Stipes & Hecker Leavitt Mfg. Co. Derrough & Co. The Taylor Hardware Co. The Safiell Co. B. A. Strauch	Hardware. Photo supplies	. 3
334	do	T. IV. 1100000H	DIY goods	. 20
3346	6 do	R. C. Wagner & Son	Labor	.) 1
3347	71do			. 1
3348	8 do 9 do	The U. of I. Supply Store	Office supplies	. 3
3349	ddo	Chas. F. Wilter The U. of I. Supply Store Fuller & Fuller Co. Esisner Grocery Co. R. W. Braithwaite.	Drugs.	. 4
3350	0 do	Eisner Grocery Co	Groceries	- 2
535.	1do	K. W. Braithwaite	Services and medicine	16
0002	2do	General Electric Co	Supplies	. 16
225.	3do 4do	Williams Bros. S. E. Huff & Co.	Labor and suppliesLumber	·   6
3351	5do	Reliable Plumbing & Heating Co	Supplies	. 11
335	dede	John O. Smith	Supplies	3
335	7 do	John O. Smith Standard Cap & Seal Co.	Supplies and rental	. 1 4
335	8 do	Percival & Moorehead.	Supplies	.]
3359	0.b   10	IE H Sargent & Co	Chemicals	6
3360	0 do	Miller Harness Co	. Supplies	-1
226	11 40	William Tralagea	K'ynangag	1 7
336	2 do	Remington Typewriter Co. C. A. Strelinger Co.	_[Typewriter	. 6
336	3 do	C. A. Strelinger Co.	Machinery	. 1
336	41 . do	Martinus Niihoff	- Books	. 3
336	o do	Lemcke & Buechner J. W. Butler Paper Co.		. 2
336	0 do	J. W. Butler Paper Co	. Duppiies	. 2
330 332	(Jao	John H. Doyle Knowlton & Bennett	Cumplies	. 2
いろり	9 do	Crane Co.	. suppliesdo	. 9
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o.	Date.	To whom.	For what.	Amour
	1913.			
3370	June 30	A. O. Magnuson	Photograph supplies, etc	\$122 44
3371	do	Central Electric Co. The Burr Co. Paul Gottschalk Big Four R. R. Co. Champaign Steam Laundry. F. K. Robeson. Tuttle & Clark Stipes and Hecker. Phoenix Nursery Co. R. W. Braithwaite, V. S. Eisner Grocery Co. Southern Illinois Penitentiary. T. L. Harrington.	Supplies. Hardware.	
001Z	do	Paul Cattachelle	Books	956
3374	do	Big Four R. R. Co	Books Freight	256 4 1 28 1 4 25 14
375	do	Champaign Steam Laundry	Towels and brooms Boots Sand and gravel	128
376	do	F. K. Robeson	Towels and brooms	1
377	do	Tuttle & Clark	Boots	4
378	do	Stipes and Hecker	Sand and gravel	25
379	do	Phoenix Nursery Co	Sand and graver Trees Veterinary medicine and surgery. Vegetables Limestone dust. Hose. Photo recorder Cable and vane. Brooms	14
380	do	R. W. Braithwaite, V. S	Veterinary medicine and surgery.	9
381	do	Couthorn Illinois Ponitontiary	Timestone dust	52 40
002	do	T. Harrington	Hoga	7
201	do	The Pitometer Co	Photo recorder	300
385	do	Carl Bajohr L. C. Co.	Cable and vane	300 110
386	do	Illinois State Penitentiary	Brooms.	3
387	do	C. A. Atwood.	Wages, June, 1913	2
388	do	Weston Electrical Instrument Co	Voltméters	170
389	do	Central Electric Co	Cleats and heads	23
390	do	Phéenix Nursery Co. R. W. Braithwaite, V. S. Eisner Grocery Co. Southern Illinois Penitentiary. T. L. Harrington. The Pitometer Co. Carl Bajohr L. C. Co. Illinois State Penitentiary. C. A. Atwood. Weston Electrical Instrument Co. Central Electric Co. L. C. Smith & Bros. Typewriter Co. Central Scientific Co. Leeds & Northrup Co. J. W. Butler Paper Co. D. G. Thompson. Library Bureau. Library Bureau. Library Bureau. Library Bureau. Library Gongress. General Electric Co. G. C. Willis. J. A. Ritter. C. C. Short. J. A. Pierce. Taylor Hardware Co. Kentucky Product Co. Lucille Needham. Ludwig Moller Friend Mig. Co. General Electric Co. William Sellers & Co. F. H. Whittum. Ludlow Valve Mig. Co. Watson Stillman Co. R. C. Wagner & Sons. Schaefer & Budenberg Mig. Co. Geo. Meyer, Jr. Jas. A. Wilson. A. H. Aagaard Geo. Harding. Dulau & Co. Hume & Walker Leon Lhomme Franz Deuticke. P. M. Barnard. E. Bolleter J. J. Lenther Fernand Quaritch. Luzac & Co. Dulau & Co. Geo. Harding. Bernh. Liebisch. Arthur Reader Leavitt Mig. Co. E. J. Welch. G. W. Porter S. T. Wallage. Grace Mitchell Carrie A. Lee Lua V. Meredith. Bernh. Liebisch. Louis F. Nafis. Allen Filter Co. Jesse Jones Paper Box Co. W. E. Buekanan.	Platen roll	2 170 23 2 1 4 3 3 5 45
391	do	Central Scientific Co	Stoppers	1
392	do	Leeds & Northrup Co	suspensions	4
393	do	J. W. Butler Paper Co	Writing paper	3
394	do	U. G. THOMPSON	Paper and cards	3
202	uo	Library of Congress	Danosit	G 4 5
207	do.	General Electric Co.	Desk fan	40 15
302	do	G. C. Willis	Cloth	15
399	do	I. A. Bitter	Wagon	78
400	do	C. C. Short	Shoeing	78 2 1
401	do	J. A. Pierce	Repairs.	ī
402	do	Taylor Hardware Co	Door check	3 10
403	do	Kentucky Product Co	Tobacco	10
404	do	Lucille Needham	Wages, June, 1913	47
405	do	Ludwig Moller	Subscription	3
406	do	Friend Mfg. Co	Supplies	2
407	do	General Electric Co	Desk fans	61
408	do	William Sellers & Co	Expenses	51
409		F. H. WILLUM	Wages, June, 1915	85 17
41U 411	do	Watson Stillman Co	Packinge	25
411	do	P. C. Wagner & Sons	Hauling	25 52
413	do	Schaefer & Budenberg Mfg. Co	Gauges	44
414	do	Geo. Mever. Jr	Wages, June, 1913	43
415	do	Jas. A. Wilson	do	44 43 43 42 111
416	do	A. H. Aagaard	do	42
417	do	Geo. Harding	Books	111
418	do	Dulau & Co	do	12
419	do	Hume & Walker	do	10
420	do	Leon Lhomme	do	354 102 64 44 7 66
121	00	P. M. Deuticke		102
422		F. M. Darnaru	do	04
420 404	do	T T Lonthor	do	44
195	do	Fernando Fa	do	66
126	do	Friends Reference Library	.do	ĭ
127	do	Bernard Quaritch	do	13
428	do	Luzac & Co	do	78
129	do	Dulau & Co	do	78 7 9
430	do	Geo. Harding	do	9
431	do	Bernh. Liebisch	do	4 31
432	do	Arthur Reader	do	31
433	do	Leavitt Mfg. Co	Devices	20
454	ao	C. W. Borton	Wages Tune 1012	31
499 400		S T Wellers	wages, June, 1919	20 16
400 427	do	Grace Mitchell	do	15
432	do	Carrie A. Lee	.do	13
439	do.	Ina V. Meredith	-do	10
440	do	Bernh, Liebisch	Books	19 277
441	do	Louis F. Nafis	Bottles	7.7
442	do	Allen Filter Co	Cooler	. 28
443	do	Jesse Jones Paper Box Co	Bottles. Cooler Boxes.	28 7
444	do	Berni. Liebisch. Louis F. Nafis. Allen Filter Co. Jesse Jones Paper Box Co. W. E. Buchanan. O. E. Staples, Bursar. Creamery Package Mig. Co. Stover Mig. Co. B. Riley Hauk Supply Co.	Students' payroll. Supplies. Burrs.	35
445	do	O. E. Staples, Bursar	Students' payroll	337
446	do	Creamery Package Mfg. Co	Supplies	52
447	do	Stover Mfg. Co	Burrs Supplies	9

٧o.	Date.	To whom.	For what.	Amount
	1913.	Lansing Co. The Bauer Bros. Co. Swartz Electric Shop. Union Iron Works. Illinois Commercial Apple Growers Assn. Fruit Growers Saw Co. American Guernsey Club. Spring Bros. Olney Milling Co. Zenner Disinfectant Co. Alex Harmon & Son. Nordyke & Marmon Co. L. C. Smith & Bros. Typewriter Co. A. O. Magnuson. Russell & Erwin Mfg. Co. James B. Clow & Sons. F. K. Robeson.		
3449	June 30	Lansing Co	Trucks, etc. Power mill Wiring Mill sheller Hose	\$ 14 7 59 7
3450	do	The Bauer Bros. Co	Power mill	59 7
3451	do	Swartz Electric Shop	Wiring	415 4
3452	do	Union Iron Works	Mill sheller	60 0
3453	do	Illinois Commercial Apple Growers Assn.	Hose	6 3
454	do	Fruit Growers Saw Co	Saws Applications Seeds Feed, etc	6 6
455	do	American Guernsey Club	Applications	20 0
3456	do	Spring Bros	Seeds	52 3
3457	do	Olney Milling Co	Feed, etc	32 6
3458	do	Zenner Disinfectant Co	Feed, etc. Zenoleum Blacksmithing Repairs and supplies. Typewriter Photo supplies Key blanks Conduit pipe Supplies	12 5
3459	do	Alex Harmon & Son	Blacksmithing	15 (
3460	do	Nordyke & Marmon Co	Repairs and supplies	37 8
3461	do	L. C. Smith & Bros. Typewriter Co	Typewriter	15 0 37 8 70 0 3 4
3462	do	A. O. Magnuson.	Photo supplies	3 4
3463	do	Russell & Erwin Mfg. Co	Key blanks	5 1
3464	do	James B. Clow & Sons	Conduit pipe	2 8
3465	do	F. K. Robeson	Supplies	5 1 2 8 13 5
466	do	Urbana & Champaign Railway, Gas &	T.F.	
		Electric Co.	Range	18 0
3467	do	Shaw-Walker Co	Supplies	58 0
3468	do	The Letter Shop	Mimeographing	1 4
3460	do.	A' L. A. Publishing Roard	Range. Supplies Mimeographing Documents Printing	1 1 1
170	do	Twin City Printing Co	Printing	80.0
2471	uo	L. C. Smith & Bros. Typewriter Co. A. O. Magnuson. Russell & Erwin Mig. Co. James B. Clow & Sons. F. K. Robeson Urbana & Champaign Railway, Gas & Electric Co. Shaw-Walker Co. The Letter Shop. A. L. A. Publishing Board Twin City Printing Co. Illinois State Reformatory. E. Faber Whitail-Tatum Co. Carson-Payson Co. E. G. Mendenhall. McLean Lumber Co. G. A. Hosmer Co. The Scott Paper Co. Underwood Typewriter Co. Illinois Traction System Pickering & Chatto. Flanigan-Pearson Co. G. Rapilly. Geo. E. Warner Henry Sotheran & Co. New York Times Index The Literary Digest The Torch Press. University of Chicago Press. H. L. Baldwin Publishing Co. J. H. Palmenberg's Sons. Federal Steel Fixture Co. Reuifeld & Esser Co. Reliable Plumbing & Heating Co. B. A. Strauch Chas. F. Witt. Freeman & Brooks. W. F. Hardy. Louden Machinery Co. L. C. Smith & Bros. Typewriter Co. Reliable Plumbing & Heating Co. B. A. Strauch Chas. F. Witt. Freeman & Brooks. W. F. Hardy. Louden Machinery Co. L. C. Smith & Bros. Typewriter Co. E. H. Sargent & Co. A. C. McClurg & Co. Reliable Plumbing & Heating Co. B. A. Strauch Co. Boston Book Co. A. C. McClurg & Co. Reliable Plumbing & Heating Co. R. C. Wagner & Sons. G. W. Sheldon & Co. G. E. Stechert & Co. Hinois State Reformatory. Mittendorf & Kiler The U. of I. Supply Store S. E. Huff & Co. Flanigan-Pearson Co Library of Congress E. J. Gillieron. Otto Harrassowitz Chas. A. Hall Hardware Co. The Burr Co. W. W. Walls & Co. A. C. Magnuson. S. E. Dillavou & Co. Barnhart Bros. John H. Doyle. Miller Harness Co.	Printingdododododododo	4 0 60 0 412 2 2 0
3479	do	E Fohor	Panaile	417 7
2472	uo	Whitall-Tatum Co	Chamicale	40.5
2474	do	Conson Dorgen Co	Diambing	42 7 322 2
2414 2476		E C Mondonhall	Trandersons	322 2
2476	uo	Mot com I trock on Co	Tambon	5 4 41 5 17 8
2477		McLean Lumber Co	Lumber	41 0
34//	ao	G. A. Hosmer Co	Floor wax	17 8
3478	do	The Scott Paper Co	Towels	11 8
3479	do	Underwood Typewriter Co	Supplies	36 0 1,496 0 1 4
3480	do	Illinois Traction System	do	1,496 0
3481	do	Pickering & Chatto	Books	14
3482	do	Flanigan-Pearson Co	Printing	214 6
3483	do	G. Rapilly	Books	31 1
3484	do	Geo. E. Warner	do	9 5
3485	do	Henry Sotheran & Co	do	214 6 31 1 9 5 9 9
3486	do	New York Times Index	Subscription	8 0
3487	do	The Literary Digest	do	20
3488	do	The Torch Press	. do . do . do Subscription . do Book Packing and freight Book Stands Stands Shelving Instruments Water motor Photo supplies Harness Payment on contract Implements	2 0 23 9
3489	do	University of Chicago Press	Packing and freight	าก
3490	do	H. L. Baldwin Publishing Co	Book	1 6 6 7 15 0
3491	do	J. H. Palmenberg's Sons	Stands	67
3492	do	Federal Steel Fixture Co	Shelving.	15 0
3493	do	Keuffel & Esser Co.	Instruments	
3494	do	Reliable Plumbing & Heating Co	Water motor	78 6
3495	do	B A Strauch	Photo supplies	
3496	do	Chos F Witt	Harness	78 6 2 2 10 3 2,609 9
3497	do	Fraaman & Brooks	Payment on contract	2 600 0
3498	do	W F Hardy	Implements	14 9
1400	40	Louden Machinery Co	Implements	14 2 128 0
1500	40	I. C. Smith & Brog Typowniton Co	Pantale	100
,000 ₹501	uo	E E Sargant & Co	Tools . Rentals . Laboratory supplies . Booksdo . Books . Plumbing supplies . Hauling . Office supplies . Bookbinding . Duties . Books . Printing .	10 0 71 7
SEUU	uo	Anthun T. Cloniz Co	Doolea	(1.6
2KU2	uo	Poston Pools Co	Dong.	$\begin{array}{c} 3 \ 4 \ 4 \ 7 \end{array}$
3504	uv	A C MaClure & Co	Pooles	20 6
2004	do	Delicht Dissertion & Treation Co.	BOOKS	38 8 21 1 402 8 48 3
5505	ao	Reliable Plumping & Heating Co	Plumping supplies	21 1
3506	do	R. C. Wagner & Son	Hauing	402 8
3507	do	D. H. Lolyde	Office supplies	48 3
3508	do	Ernst Hertzberg & Sons	Bookbinding	
3509	do	G. W. Sheldon & Co	Duties	78 9
3510	do	G. E. Stechert & Co	Books	78 9 351 2 617 5
3511	do	Illinois State Reformatory	Printing	617 5
3512	do	Mittendorf & Kiler	Furniture	70 8 76 3
3513	do	The U. of I. Supply Store	Office supplies	76.3
3514	do	S. E. Huff & Co.	Lumber	179 2
3515	. do	Flanigan-Pearson Co	Printing. Furniture. Office supplies. Lumber. Printing. Deposit. Books.	156 0
3516	do.	Library of Congress.	Deposit.	200 0
3517	do	E. J. Gillieron	Books	130 0
3518	do.	Otto Harrassowitz	do	165.6
3510	do	Chas A Hall Hardware Co	Hardware	100 U
ろどりし	do	The Rure Co	Tron work	46 1 113 6 39 0
00∠0 3501	uu	W W Walla & Co	Tumbor	119 (
950C	ao	A O Magnetian	Disa mainting	99 U
2022	ao	A. U. magnuson	Dide printing	20 4
2023	ao	S. E. DIIIAVOU & CO	Hardware	178 5
5524	do	Barnnart Bros	Books	2.8
3525	do	John H. Doyle	do Harness supplies	19 2 1 7
			ITTownson auroplica	1 77

vo.	Date.	To whom.	For what.	Amou
	1913.			
	June 30	The Saffell Co	Hardware	\$ 26
3528	do	Wabash R. R. Co	Freight	61
3529	do	R. W. Graham	Dairy products furnished depart-	
				8
3530	do	C. W. York	do	4
3531	do	John McCullough	do	16
3532	do	J. M. Smith	do	21
3533	do	G. C. Gordon	do	15
	do	John Weiss	do	39
3535	do	Cora Stacker	do	
2526	ا مة ا	I W Covenaugh	do	9
3537	.do	C. M. Pfeister. W. H. Frame	do	1 4
3538	do	W. H. Frame	do	و ا
3539	do	Geo. Schiff	do	4
	do	A. G. Guard	do	١٠ أ
	do	G. M. Seeber	do	Í
2542	do	O. A. Foster	do	ء ا
25/2		J. J. Cender	do	1 2
2540		M. M. Character		1 4
3544	qo	T. M. Guym		9
3040		C. Ross	ao	3
	do	T. F. Jordan	do	5
	do	C. J. Gillespie	do	3
3548	do	B. Jordan	do	2
3549	do	A. Kroner	do	4
3550	do	I. T. Webb	do	8
3551	do	D. W. Shiveley E. P. Ott	do	[
	do	E. P. Ott	do	8
3553	do	C. E. Burk	i do	]
3554	do	C. M. Reed	do	1
3555	do	H. Cherry	do	1 8
3556	do	C. M. Reed. H. Cherry John Rueb	do	1
3557	do	Frank Knox	do:	[
3558	do	A. I. Wright	do	1 }
3559	do	A. J. Wright B. F. Thomas, Jr. D. O. McMorris.	do	1
3560	do	D O McMorris	do	
3561	do	S. T. Carter	do	8
3562	do	M. Cherry.	do	}
3562	do	E T Miller	do	
3564	do	H F Bidgolay	do	
	uo	E. J. Miller H. F. Ridgeley W. J. Robeson	do	
<b>0000</b>	do	T M William	do	
3300 9507		J. M. Willsey. Chivers Bookbinding Co	D. do	
0007		Chivers Dookbillding Co	BOOKS	19
3568	do	A. C. McClurg & Co. O. E. Staples, Bursar		108
3569	do	O. E. Staples, Bursar	General labor payroll	269
3570	do	O. E. Staples, Bursar O. E. Staples, Bursar	Sundry bills paid	88
3571		O. E. Staples, Bursar	Express bills paid	68
3572		O. E. Staples, Bursar	ldo	4
3573		W. W. Lindley, Postmaster	Postage	420
3574	do	H. H. Shufeldt & Co	Alcohol	110
3575	do	C. R. Nickolls	Wages June 1013	49

#### AGRICULTURAL EXPERIMENT STATION WARRANTS

	1	i '	1	1
	1912.			
	July 24	J. H. Matlack	Guinea pigs	* \$ 15 00
	do	J. H. Matlack Stafford Engraving Co	Half tones	9 60
3	July 26	A. D. Emmett	Salary, July, 1912	166 66
4	do	Sleeter Bull	do	91 66
.5	do	H. S. Grindley	do	150 00
6	do	Thomas Bregger	do	83 33
ž	do	H. L. Rietz	do	91 66
Ŕ	do	J. M. Barnhart.	do	116 66
ğ	do	Anna C. Glover	do	90 00
10	do	S. W. Shattuck	do	16 66
		J. T. Barrett		
12	do	Gertrude Keech	do	25 00
13	do	T. J. Burrill	do	91 66
14	do	H. I. Hannah	Wages, July, 1912	27 12
15		L. H. Davis	l do	10.65
16	do	G. L. Rigg	do	13 87
17	do	G. L. Rigg Zella M. Andrews	do	60 00
18	do	C. I. Newlin	do	65 58
19	do	A. A. Odell	do	47 13
20	do	Thomas Eddy	do	47 50
21	do	E. L. Ross.	do	79 00
22	do	L. E. Williamson	do	45 00
	1			

# AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amou
	1913.	J. T. Barrett. W. M. Welty. U. of I. Supply Store. O. E. Staples, Chief Clerk. Pantagraph Printing & Stationery Co. E. H. Sargent & Co. Illinois State Reformatory. Thomas Bregger A. D. Emmett. H. S. Grindley J. M. Barnhart. H. L. Rietz. Anna C. Glover. S. W. Shattuck. J. T. Barrett. T. J. Burrill. Gertrude Keech. Thomas Eddy. W. M. Welty L. E. Williamson. G. L. Riggs. A. A. Odell. L. H. Davis. H. I. Hannah. Bausch & Lomb Optical Co.		
23	July 23	J. T. Barrett	Expenses	\$ 15
24	do	W. M. Welty	Wages, July, 1912	58
20	00	U. of I. Supply Store	Office supplies	52
27	A110 0	Pantagraph Printing & Stationary Co	Reprints	50
28	Ang 15	E H Sargent & Co	Nitrate	4
29	do	Illinois State Reformatory	Printing	113
30	Aug. 31	Thomas Bregger	Salary, August, 1912	83
31	do	A. D. Emmett	do	166
32	do	H. S. Grindley	do	150
33	do	J. M. Barnhart	do	116
34	do	H. L. Rietz	do	91
26		Anna C. Glover	do	90
37		T T Barrott	do	75
38	do	T I Burrill	do	91
39	do	Gertrude Keech	. do	25
40	do	Thomas Eddy	Wages, August, 1912	47
41	do	W. M. Welty	do	65
42	do	L. E. Williamson	do	45
43	do	G. L. Riggs	do	10
44	do	A. A. Odell	do	64
45	oo	L. H. Davis	ao	17 28
40	do	Rausch & Lomb Optical Co	Sunnlies	11
49	do	L. H. Davis.  H. I. Hannah.  Bausch & Lomb Optical Co.  Remington Typewriter Co.  Addressograph Co.  E. M. R. Lamkey.	Inspection	10
49	do	Addressograph Co	Tabs	1
50	Sept. 4	E. M. R. Lamkev	Wages, July 12 and August 12,	1
			1912.	50
51	Sept. 6	Remington Typewriter Co. The U. of I. Supply Store. H. P. Stinespring. Addressograph Co. H. L. Rietz. W. E. Joseph A. D. Emmett. Sleeter Bull. Thomas Bregger E. W. Bailey. A. A. Odell. H. I. Hannah. L. H. Davis.	Wages, July 12 and August 12, 1912. Repairing. Rulling pen Hay Addresses. Salary, September, 1912dodo.	1 1
52	do	The U. of I. Supply Store	Ruling pen	17 114
53	do	H. P. Stinespring	Hay	111
-04	Sept. 21	Addressograph Co	Addresses	91
56	sept. 30	W F Joseph	do	128
57	do	A D Emmett	dó	166
58	do	Sleeter Bull	do	116
-59	do	Thomas Bregger	do	100
60	do	E. W. Bailey.	do	150
61	do	A. A. Odell	do	68
62	do	H. I. Hannah	do	49 27
-63	do	L. H. Davis L. E. Williamson Gertrude Keech Anna C. Glover	do	45
104 65		Contrado Vocah	doSalary, September, 1912do	30
-66	do	Anna C. Glover	do	l gr
67	do	I. T. Barrett	do	7
68	do	J. M. Barnhart	do	78 133 27 28
-69	do	O. E. Staples, Chief Clerk.	Sundry bills	27
70	do	Elmer Roberts	Sundry bills. Wages, September, 1912. Sundry bills.	25
71	Oct. 16	O. E. Staples, Chief Clerk	Sundry bills	52
72	Oct. 22	Anna C. Glover J. T. Barnett J. M. Barnhart O. E. Staples, Chief Clerk Elmer Roberts O. E. Staples, Chief Clerk Remington Typewriter Co P. F. Pettibone & Co Burroughs Adding Machine Co J. W. Butler Paper Co R. C. Wagner & Sons Flanigan-Pearson Co S. E. Huff & Co Addressograph Co	Ribbons	1 (
73	ao	P. F. Pettibone & Co	Envelopes	
74	00	Durroughs Adding Machine Co	Repairs. Paper. Hay	
70	ao	P. C. Wagner & Song	Faper	111
70	do	Flanigan-Pearson Co	Binder	1 11
78	do	S. E. Huff & Co	Lumber	
79	do	Addressograph Co.	Addresses.	130
80	do	Western Carbon & Ribbon Co	Carbon paper	15
81	do	S. E. Hull & Co. Addressgraph Co. Western Carbon & Ribbon Co. U. of I. Supply Store E. W. Bailey H. L. Rietz W. E. Joseph H. S. Grindley A. D. Emmett Sleeter Bull J. T. Barrett	Stationery	
82	Oct. 31	E. W. Bailey	Salary, October, 1912	150
83	do	H. L. Rietz	do	9
84	ao	W.E. Joseph		12 29
85 86	do	A D Emmett	do.	166
87	do	Sleeter Bull	do	116
88	do	J. T. Barrett	do	7
89	do	J. M. Barnhart	do	116 78 133
90	do	Pantagraph Printing & Stationery Co	Printing	
91	do	J. T. Barrett. J. M. Barnhart Pantagraph Printing & Stationery Co Zella M. Andrews.	Wages, October, 1912	60
92	do	A. A. Odell	do	4:
93	do	A. A. Odell H. B. Seward H. I. Hannah	do	10
94	do	H. I. Hannah	do	1
95	o	Elmer Roberts. L. E. Williamson.	do	1 30
96	oo	Cortrado Kooch	Solory October 1019	90
97	do	Gertrude Keech Anna C. Glover C. B. Price O. E. Staples, Chief Clerk	do	90
QC	do	C. B. Price	Wages October, 1912	513 60 42 11 11 50 44 30 90 18
100	do .	O. E. Staples, Chief Clerk	Sundry hills naid	49
			1 E	1

# AGRICULTURAL EXPERIMENT STATION WARRANTS-Continued.

101 102 103	1912.			
101 102 103	1912.	Illinois State Reformatory. The Emil Greiner Co. Ernst Hertzberg & Sons. Geo. L. Koch V. Mueller & Co. G. E. Stechert & Co. Addressograph Co. The U. of I. Supply Store. D. H. Lloyde. A. A. Odell. H. B. Seward. Elmer Roberts. E. W. Bailey. H. L. Reetz. W. E. Joseph. H. S. Grindley. A. D. Emmett. Sleeter Bull. J. M. Barnhart. J. T. Barrett. Anna C. Glover. Gertrude Keech. C. B. Price. L. E. Williamson. Zella M. Andrews. O. E. Staples, Chief Clerk. J. W. Butler Paper Co. Clay, Robinson & Co. Addressograph Co. John Reichard. Ben Sides. D. H. Lloyde. Twin City Ice & Cold Storage Co. Addressograph Co. S. C. Tucker. W. E. Joseph. A. D. Emmett. Sleeter Bull. E. W. Bailey. H. L. Rietz. J. E. Wells. Gertrude Keech. L. E. Williamson. J. E. Readhimer Anna C. Glover. J. T. Barrett. J. M. Barnhart. J. J. Barrett. J. A. Barrett. J. J. Barrett. J. W. F. Wells. Gertrude Keech. L. E. Williamson. Elimer Roberts. R. I. Douglas.		
103	Nov. 7	Illinois State Reformatory	Circulars	\$ 16 10
100	NOV. 14	The Emil Greiner Co	Apparatus	10
	Nov. 10	Coo T Wook	A Ifolfo how	200
105	Nov. 25	V Mueller & Co	Forcen	306 2
106	do. 20	G. E. Stechert & Co.	Book	10 49 1 11
107	do	Addressograph Co.	Addresses	49
108	do	The U. of I. Supply Store	Paper, etc.	i
109	do	D. H. Lloyde.	Stationery, etc	11
110	Nov. 30	<u>A. A. Odell</u>	Wages, October, 1912	39 11 50
111	do	H. B. Seward	do	11
112	ao	Elmer Roberts	Wages, November, 1912	50
114	do	E. W. Balley	Salary, November, 1912	150
115	uo	W F Joseph	do	91 125 291 166
116	do	H S Grindley	do	201
117	do	A. D. Emmett	do	166
118	do	Sleeter Bull	do	116
119	do	J. M. Barnhart	-do	116 133
120	do	J. T. Barrett	do	75
121	do	Anna C. Glover	do	90
122	do	Gertrude Keech	do	90 30 15 45
123	do	C. B. Price	Wages, November, 1912	15
124	do	L. E. Williamson	do	45
125	ao	Zella M. Andrews.	do	60
120	Hec. 4	U. E. Staples, Uniei Clerk	Sunary buis	45 60 47 49 458 17 181 80
120	Dec. 1	J. W. Butler Paper Co	Chase	49
120	do 12	Addressomenh Co	Plates	17
130	Dec 16	John Raichard	Corn	181
131	Dec. 17	Ben Sides	do	80
132	Dec. 18	D. H. Lloyde	Binder covers.	4
133	do	Twin City Ice & Cold Storage Co	Ice book	4
134	do	Addressograph Co.	Drawers	16
135	Dec. 19	S. C. Tucker	Boxes	1
136	Dec. 31	W. E. Joseph	Salary, December, 1912	125 166
137	do	A. D. Emmett	do	166
138	do	Sleeter Bull	do	116
109		E. W. Balley		150
140	ao	T. F. Doodhimon	do	300
142	do	Anna C. Glover	do	200
143	do	J. T. Barrett	0b	91 200 90 75 133 200 125 30 45 50 228
144	do	J. M. Barnhart	do	133
145	do	H. N. Parker	do	200
146	do	W. F. Wells	do	125
147	do	Gertrude Keech	do	30
148	do	L. E. Williamson	Wages, December, 1912	45
149	do	Elmer Roberts	do	50
190	1012	K. I. Douglas	Corn	220
151	Jan 4	I Rishon & Co. Platinum Works	Renairing	8
152	do	Percival & Moorehead	Hardware	ĭ
153	do	The University of Illinois Supply Store	Supplies	1 4
154	Jan. 7	J. C. Gabel & Co.	Cages.	170
155	do	O. E. Staples, Chief Clerk	Sundry bills paid	170
156	Jan. 15	O. E. Staples, Chief Clerk	do	63
157	Jan. 16	E. H. Sargent & Co	Tongs	11
128	do	Twin City Roofing & Sheet Metal Works.	Metal, etc	11 5
199	ao	J. H. DOYIO	мик cans	5
100	ao	Association of American Agricultural	Duos	20
161	do	G E Stochart & Co	Book	25
162	do	The Century Co	do	30
163	do	Illinois State Reformatory	Cards	39 5 39
164	do	J. B. Lyons & Co.	Postal guide.	l š
165	do	Herrick & Stoltey	Livery service	10
166	do	Eisner Grocery Co	Paper	1
167	Jan. 18	J. W. Butler Paper Co	Envelopes	89
168	Jan. 21	Bausch & Lomb Optical Co	Flasks	17
169	do	General Electric Co	Electrical supplies	170 170 22 166 291 125 91
1/0	do	J. W. Butler Paper Co	Supplies	22
170	Jan. 31	A. D. EMMett	Daiary, January, 1913	1 001
172	uo	W F Joseph	do	195
174	uo	W. D. JOSEPH	do	120
175	uo	E. W. Roiley	do	150
176	do	R. I. Douglas  J. Bishop & Co., Platinum Works Percival & Moorehead. The University of Illinois Supply Store. J. C. Gabel & Co. O. E. Staples, Chief Clerk. O. E. Staples, Chief Clerk. E. H. Sargent & Co. Twin City Roofing & Sheet Metal Works. J. H. Doyle. Association of American Agricultural Colleges and Experiment Stations. G. E. Stechert & Co. The Century Co. Illinois State Reformatory. J. B. Lyons & Co. Herrick & Stoltey. Eisner Grocery Co. J. W. Butler Paper Co. Battsch & Lomb Optical Co. General Electric Co. J. W. Butler Paper Co. J. W. Butler Paper Co. H. S. Grindley W. E. Joseph H. L. Reitz. E. W. Bailey Thomas Bregger Sleeter Bull	do	100
177	do	Sleeter Bull	do	100 116

# ${\tt AGRICULTURAL\ EXPERIMENT\ STATION\ WARRANTS}-Continued.$

lo.	Date.	L. E. Williamson. J. M. Barnhart. J. T. Barrett. Anna C. Glover. Gertrude Keech. J. E. Readhimer. W. F. Wells. H. I. Hannah. A. A. Odell. H. B. Seward. Elmer Roberts. J. E. Readhimer. Roy Horning. Whitall Tatum Co. Western Carbon & Ribbon Co. Lewis Electric Supply Co. Norton Co. The Emil Greinger Co. A. H. Hews & Co., Inc. Library Bureau. J. B. Lyon & Co. The Scott Paper Co. D. H. Lloyde. H. F. Chester. O. E. Staples, Chief Clerk. Green Street Pharmacy. Pantagraph Printing & Stationery Co. Illinois State Reformatory. University Club. L. W. Balley. J. M. Barnhart. J. T. Barrett. Thomas Bregger C. S. Crandall. A. D. Emmett. Anna C. Glover Roy Horning. Gertrude Keech. George Nogle. J. E. Readhimer H. L. Reitz. Elmer Roberts. G. L. Rigg. W. F. Wells. L. E. Williamson. John Heffern an & Son. Illinois State Reformatory. F. M. Lesile. W. Lewis & Co. Whitall Tatum Co. The University of Illinois Supply Store. C. A. Hall Hardware Co. O. E. Staples, Chief Clerk Axley Hay Co. D. H. Lloyde. Elmer Roberts G. L. Rigg. W. Lewis & Co. Whitall Tatum Co. The University of Illinois Supply Store. C. A. Hall Hardware Co. O. E. Staples, Chief Clerk Axley Hay Co. D. H. Lloyde. Elmer & Amend The Emil Greiner Co. J. W. Amrine. E. H. Sargent & Co. D. H. Lloyde. G. C. Willis. The R. Woodman Mig. & Supply Co. Champaign Seed Co. Unter, Roy, Gas & Cold Storage Co. Illinois Stafe Reformatory W. C. Coffeed. W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. H. M. Thomas Co. Twin City Ice & Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformatory W. C. Cold Storage Co. Illinois Stafe Reformator	For what.	Amou
	1913.			
178	Jan. 31	L. E. Williamson	Salary, January, 1913	\$ 45 133 75
179	do	J. M. Barnhart	do	133
180	do	J. T. Barrett		75
100	do	Control do Vocab	do	75 90 30 200 125 10 49 13
102		T F Doodhimor	do	30
184	do	W F Walle	do	105
185	. do	H. I. Hannah	Wages, January, 1913	10
186	. do	A. A. Odell	-d0	49
187	do	H. B. Seward	do	13
188	do	Elmer Roberts	do	50
189	do	J. E. Readhimer.	Traveling expenses	3
190	do	Roy Horning	Wages, January, 1913	46 11
191	do	Whitall Tatum Co	Tubing	11
192	do	Western Carbon & Ribbon Co	Ribbons, etc	8
193	do	Lewis Electric Supply Co	Apparatus	8
194	do	Norton Co	Laboratory supplies	47 10
195	do	The Emil Greinger Co	Apparatus	10
196	do	A. H. Hews & Co., Inc	Covers	3
197	do	Library Bureau	Folders	5
198	do	J. B. Lyon & Co	subscription	3 5 3 6 1 4 64 1
199	do	The Scott Paper Co	Paper towels	6
200	rep. 8	D. H. Lloyde	Stationery	1
201	do	H. F. Chester	Livery service	4
202	Feb. 10	O. E. Staples, Chief Clerk	Sunary buis	64
203	rep. 14	Green Street Pharmacy	Supplies	1 1
204		Pantagraph Printing & Stationery Co	Printing bulletins	472
200	Fob 00	Timos State Reformatory	Entantaining	10 150
200	Feb. 20	F W Pollow	Solory Fobriary 1012	150
201	do. 20	T M Bornhart	do	133
ว์กด	do	T T Rarrott	do	75
210	do	Thomas Braggar	do	75 100
211	40	C. S. Crandall	do	291
212	do	A. D. Emmett	do	166
213	do	Anna C. Glover	do	166 90
214	do	Roy Horning	do	43 30 70
215	do	Gertrude Keech	do	30
216	do	George Nogle	do	70
217	do	J. E. Readhimer	do	200
218	do	H. L. Reitz	do	91 37 15
219	do	Elmer Roberts	do	37
220	do	G. L. Rigg	do	15
221	do	W. F. Wells	do	125
222	do	L. E. Williamson.	[do	45
223	Mar. 1	John Heffernan & Son	Supplies	45 22 74 2 1 12 21 7 84
224	do	Illinois State Reformatory	Envelopes and cards	74
225	do	F. M. Lesile.	Frame	2
226		W. Lewis & Co	Urasn	10
227	mar. 5	Whitaii Tatum Co	Ctationom	12
220		C A Trail Transman Co	Twins	21
220	Mor 6	O. F. Stoples Chief Clerk	Sundry hills noid	0,1
200	Mar 17	Pantagraph Printing & Stationary Co.	Printing	105
232	do 11	H McFaddon & Brother	Oil maal	105 20
233	Mar 18	O E Stanles Chief Clark	Sundry hills paid	. 34
234	Mar. 25	Axley Hay Co	Alfalfa	34 147
235	do	D. H. Lloyde	Ink and tags	12
236	do	Eimer & Amend	Oven	75
237	do	The Emil Greiner Co	Pipettes	18
239	do	J. W. Amrine.	Oil meal.	12 75 18 165
239	Mar. 27	E. H. Sargent & Co	Ether	1
240	do	D. H. Lloyde	Tray	1
241	do	G. C. Willis	Cotton bats	1
242	do	The R. Woodman Mig. & Supply Co	Punch	1 1 1 1
243	do	Champaign Seed Co	Seed	1
244	do	Hunter, Rourke & Co	Lumber	7 115 3
245	do	U. & C. Ry., Gas & Electric Co	Gas	115
246	do	Munson Supply Co	Keys	3
247	do	A. H. Thomas Co	Geratine	9
248	do	Twin City Ice & Cold Storage Co	Drinting	25
249	do	M. C. Coffee	Frances	9 25 8 9
50U .	ao	W. U. COHEY	Galary Moreh 1012	100
102	Mar. 31	T W Poiler	paiary, March 1915	150 150 133
		ь. үү. рапеу	uv	190
252		Q T Rolo	do.	199

# AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

0.	Date.	J. A. Detlefsen A. D. Emmett H. L. Rietz Gertrude Keech J. M. Barnhart J. T. Barrett E. Davenport Anna C. Glover W. F. Wells. J. E. Readhimer Lawrence Lahr John Palfrey Roy Horning C. B. Price George Nogle J. H. Coffey E. M. Clark I. E. Williamson J. H. Vandiventer Wells-Abbott-Nieman Co O. E. Staples, chief clerk D. H. Lloyde Illinois State Reformatory Dayton Fruit Tree Label Co Reliable Plumbing & Heating Co. Irving-Pitt Mfg. Co S. E. Huff & Co A. O. Magnuson Underwood Typewriter Co., Inc Pantagraph Printing & Stationery Co D. H. Lloyde B. A. Strauch O. E. Staples, Chief Clerk Metzler & Schafer Co E. W. Bailey S. J. Bole Thomas Bregger W. J. Carmichael C. S. Crandall J. A. Detlefson A. D. Emmett H. H. Mitchell H. L. Rietz J. M. Barnhart J. T. Barrett E. Davenport O. S. Fisher Anna C. Glover Gertrude Keech J. E. Readhimer W. F. Wells George Nogle L. E. Williamson John Palfrey J. H. Core Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. E. Staples, Chief Clerk J. E. Readhimer M. F. Slater Roy Horning C. Wray M. E. Slater Roy Horning C. E. Schafer Co Burroughs Adding Machine Co Addressograph Co Hautsmanle Bothers O. E. Statlonery Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewriter Co Underwood Typewr	For what.	Amou
	1913.			
<b>2</b> 55	Mar. 31	J. A. Detlefsen	Salary, March, 1913	\$166 166
256	do	A. D. Emmett	do	160
257	do	H. L. Rietz	do	9:
258	do	Gertrude Keech	do	30 133
259	do	J. M. Barnhart	do	133
260	do	J. T. Barrett	do	76 500 90 12: 200 46 77
261	do	E. Davenport	do	500
262	do	Anna C. Glover	do	90
263	do	W. F. Wells	do	12
264	do	J. E. Readhimer	do	200
265	do	Lawrence Lahr	Wages, March, 1913	4
266	do	John Palirey	do	78
267	do	Roy Horning	do	3 1
208	ao	C. B. Price	do	17
209	qo	George Nogle	do	70 50
270	ao	J. Н. Сопеу	ao	50
271	ao	E. M. Clark		60 45
272	do	I. E. Williamson		40
213		Walls Abbett Niemen Co	Duan	10 10 48
214	Apr. 1	O To Chamles chief clark	Drail	10
210		D. H. Staples, enter cierk	Stationery Dills	46
270	Apr. 10	Illimaia Chata Deformations	Dring in a	1.
211	Apr. II	Down Fruit Tree Label Co	T abole	14 25
210	4nn 10	Daliable Dlumbing & Heating Co	Cumplies	1 4
219	Apr. 12	Invine Ditt Mfc. Co	Dindong	2
28U 901	Apr. 10	C F Huff & Co	Lumber	2
201	Apr. 19	A O Magnuson	Photo work	1 1
002		Underwood Typewriter Co. Tre	Duplicator	2
200 100		Pantagraph Printing & Stationary Co.	Printing	1
201	do	D H Llorda	Stationery	1 30 1'
200 906	do	B A Strough	Labor and material	1 3
200 227	Apr 22	O E Stanles ChiafClark	Sundry hills naid	5
201 200	Apr 25	Matzlar & Schofer Co	Groceries	"
200	Apr 30	E W Roiley	Salary April 1913	15
วัดก	do.	S T Role	do do	150 133
201	do	Thomas Braggar	do	100
202	do	W. I. Carmichael	do	100
203	do	C S Crandall	do	29 16
294	do	J. A. Detlefson	do	166
295	do	A. D. Emmett	do	160
296	do	H. H. Mitchell	do	12
297	do	H. L. Rietz	do	12 9 13
298	do	J. M. Barnhart	do	133
299	do	J. T. Barrett	do	75 500 166
300	do	E. Davenport	do	500
301	do	O. S. Fisher	do	166
302	do	Anna C. Glover	do	90
303	do	Gertrude Keech	do	30 200 125 70
304	do	J. E. Readhimer	do	200
305	do	W. F. Wells	do	128
306	do	George Nogle	Wages, April, 1913	70
307	do	L. E. Williamson	do	48 78
308	do	John Palfrey	do	78
309	do	J. H. Coffey	do,	50
310	do	E. M. Clark		6
311	Apr. 25	Champaign Seed Co	Corn.	
312	do	J. E. Morgan	wages, April, 1913	1
313	Apr. 30	C. Wray	qo	1
314	do	M. E. Slater		2
315	do	Koy Horning	The sight	20 30 10
316	Apr. 29	C., C., C. & St. L. Ry. Co	rreignt	1 1
317	мау 8	Barbee wire & Iron Works	Cages	24 36 6
218	qo	John Reichard	Charrings	30
319	do	snavings & Sawdust Co	onavings	6
520	мау 13	E. H. Sargent & Co	Mass cynnders	:
321	do	Pattengale Brothers	M. eal	"
522	may 15	U. E. Staples, Uniei Cierk	Expenses	35
323	мау 22	J. E. Keadhiller	Pananag	40
524	мау 23	Metzier & Schafer Co	Danauas	:
525 525	мау 26	Burroughs Adding Machine Co	KIDDOII	1,
326	do	Addressograph Co	Diawers	1,
327	мау 27	Haussmann & Dunn Co	Thermometers	1 2
528 528	мау 28	Pattengale Brotners	Drinting non-out	بہ ا
329	do	Pantagraph Printing & Stationery Co	Printing report	10 10 6 51
93Q	do	Underwood Typewriter Co	Calary Mary 1012	150
001 002	may 31	L. W. Balley	Dataty, May, 1915	190
332	ao	J. T. Darrett	uo	75 133
	ו מח ו	J. M. Barnnart	ao	136

# AGRICULTURAL EXPERIMENT STATION WARRANTS-Continued.

o.	Date.	S. J. Bole Thomas Bregger W. J. Carmichael W. C. Cofley. C. S. Crandall J. A. Detlefson A. D. Emmett O. S. Fisher Anna C. Glover H. H. Mitchell J. E. Readhimer H. L. Rietz W. F. Wells. E. M. Clark J. H. Coffey R. C. Glover George Nogle John Palfrey H. H. Wheeler L. E. Williamson Lawrence Lahr Roy Horning Eisner Grocery Co. Addressograph Co. O. E. Staples, Chief Clerk Dennison Mig. Co. O. E. Staples, Bursar Pattengale Bros. D. H. Lloyde W. Lewis & Co. The Thompson & Norris Co. John Reichard John McCullough A. S. Nelson & Sons Champaign Seed Co. The J. W. Buetler Paper Co. Flanigan-Pearson Co. Elimer Musgrove Ernst Hertzberg & Sons. Dryer & Burt. John Reichard Chas, Grein Flanigan-Pearson Co. Elimer Musgrove Ernst Hertzberg & Sons Dryer & Burt. John Reichard Chas, Grein Flanigan-Pearson Co. Illinois State Reformatory J. W. Butler Paper Co. The DeLaval Separator Co. E. W. Balley J. W. Barler H. J. T. Barrett S. J. Bole Thomas Bregger W. J. Carmichael E. Davenport. J. A. Detlefsen A. D. Emmett O. S. Fisher Anna C. Glover E. E. Hoskins H. H. Mitchell H. L. Reitz W. F. Wells Charles Wray M. E. Slater George Nogle John Palfrey H. H. Wheeler J. H. Bolize J. H. Clark J. E. Morgan J. Rector B. S. Jasole George Nogle John Palfrey J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Wheeler J. H. Whe	For what.	Amou
	1913.			
334	May 31	S. J. Bole	Salary, May, 1913	\$133
335	do	Thomas Bregger	do	100 41
336	do	W. J. Carmichael	do	41
337	do	W. C. Coffey	do	228 293 166 166 90 128 200 91 128 60 50
130 100		T. A. Detlefeen	do.	160
ผก	uo	A D Emmett	do	166
341	do	O. S. Fisher	do	166
342	do	Anna C. Glover	-do	90
343	do	H. H. Mitchell	do	12
344	do	J. E. Readhimer	do	20
345	do	H. L. Rietz	do	9:
346	do	W. F. Wells	do	12
547	do	E. M. Clark	Wages, May, 1913	6
348	do	J. H. Coney	do	5
248 250		George Nogle	do	1 2
251	do	Tohn Palfray	do	7
352	do	H. H. Wheeler	do	6
353	do	L. E. Williamson	-do	4
354	do	Lawrence Lahr	do	3
$35\bar{5}$	do	Roy Horning	do	3
356	June 3	Eisner Grocery Co	Molasses	1 1
357	June 9	Addressograph Co	Addresses	7; 6; 4; 3; 3; 1
358	June 10	O. E. Staples, Chief Clerk	Sundry bills paid	3
559	June 13	Dennison Mfg. Co	Tags and etching	' -
100	do	O. E. Staples, Bursar	sundry bills paid	14 2
195	June 16	Pattengale Bros	Meal	
262	do	W. Towis & Co	Cumplies	
188	Tuno 10	The Thompson & Norris Co	Rook wrong	1
165	40 10	Inh Raichard	Corn	14
366	do	John McCullough	Oats	2
367	June 27	A. S. Nelson & Sons	Groceries	-
368	do	Champaign Seed Co.	Seed	
369	do	The J. W. Butler Paper Co	Envelopes	
370	do	Flanigan-Pearson Co	Binding	23
371	do	Elmer Musgrove	Expense	7
372	June 28	Ernst Hertzberg & Sons	Bookbinding	
373	June 30	Dryer & Burt	Corn	18
0/4 975		Char Crain	Ctnore	. 2
978	do	Flanican Pearson Co	Dinder and index	23. 76 18. 2. 5. 1. 2. 1. 1.30
377	do	Illinois State Reformatory	Printing	1 2
378	do	I. W. Butler Paper Co.	Paner	. "
379	do	The DeLaval Separator Co	Machinery	13
380	do	E. W. Bailey	Salary, June, 1913	150 150 133 78 111 100
381	do	J. M. Barnhart	do	133
382	do	J. T. Barrett	do	7.
383	do	S. J. Bole.	do	11
384	do	Thomas Bregger	do	10
680		W. J. Carmichael		4
000 107	uo	T A Datlafoan	-do	48 16 16
288	đo	A. D. Emmett	do	10
889	do	O. S. Fisher	do	166
39ñ	do	Anna C. Glover	_do	90 150 128
391	do	E. E. Hoskins	do	15
392	do	H. H. Mitchell	do	12
393	do	H. L. Reitz	do	9
94	do	W. F. Wells	do	128
595	do	Unaries Wray	Wages, June, 1913	-:
2017	op	M. E. Släter	00	2
100	do	Tohn Palfray	do	12: 70 75 76
300	do	H H Wheeler	do	1 7
100	do	J. H. Coffey	.do.	50
101	do	E. M. Clark	do	. 80
102	do	R. C. Glover	do	7
$40\bar{3}$	do	A. F. Heck	do	50
104	do	J. E. Morgan	do	8
105	do	T. J. Rector	do	]
106	do	B. S. Davison	do	50 75 50 12
407	do	Arthur Semple.	do	-
108	do	U. G. COX	do	18
110	op	MIS. M. MUNN	Chamicals	25
111	αυ	The Shaw-Walker Co	Office supplies	18 25 1 6
110	do	The Tiniversity of Illinois Sunnly Store	Chamicale	,
			OHOHHOURS	

# AGRICULTURAL EXPERIMENT STATION WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
413	1913.	D. H. Llqyde	Photo suppliesSundry bills paid	\$ 5 35
414	June 30	O. E. Staples, Bursar		35 62

# SCHOOL OF PHARMACY WARRANTS.

_				
-	1912.			
	1 July 24	Illinois State Reformatory. The Bulletin of Pharmacy Pontiac Engraving Co. High School Life Chas. Bodach & Sons Commonwealth Edison Co.	Printing	\$300 0
	2 . do	The Bulletin of Pharmacy	Advertising	15 0
	3do	Pontiac Engraving Co	Halftones	7 50
	4 do	High School Life	do	8 0
	5do	Chas. Bodach & Sons	Furniture	38 5
	6 do	Commonwealth Edison Co	Electricity	2 0
	( do	Excelsior Laundry Co	Wasning	2 7 3 0
	3do	Western Union Telegraph Co	Envelopes	4 3
. 1	do	Hanry Rosch Co	Paints ate	10 8
ī	do	American Furniture Renairing Co	Renairing	11 0
î.	do	Chicago Engineer Supply Co.	Valves, etc.	8 2
1	3do	Henry Rahn	Painting	8 20 107 0
1	4do	Orr & Lockett Hardware Co	Hardware	16 8
. 1	5do	W. B. Day, Actuary	Sundry bills paid	244 3
1	6 July 26	W. B. Day, Actuary	Bills paid	5 0
1	7 Aug. 13	The Alumni Association	Advertising	2 4
1	3 do	Mallory & Mitchell	do	19 3
1	do	High School Life	do	8 0 27 0
2	Jdo	The Chicago December Hereld	do	13 50
2	do	The National Agen of Patail Druggists	do	22 50
9	3 do	Commonwealth Edison Co Excelsior Laundry Co. Western Union Telegraph Co. Illinois State Reformatory. Henry Bosch Co. American Furniture Repairing Co. Chicago Engineer Supply Co. Henry Rahn. Orr & Lockett Hardware Co. W. B. Day, Actuary. W. B. Day, Actuary. W. B. Day, Actuary. The Alumni Association Mallory & Mitchell High School Life. D. O. Haynes & Co. The Chicago Record-Herald. The National Assn. of Retail Druggists. Ernst Leitz. E. H. Sargent & Co. Stabbins Hardware Co. Stabbins Hardware Co. Stanton & Stanton. Excelsior Laundry Co. M. A. Donohue & Co. Stanton & Fuller Co. Allaire-Woodward & Co. Illinois State Reformatory. McDonough & Co. Mandel Brothers Henry Bosch Co. Carl John Stein. W. B. Day, Actuary. Illinois State Reformatory. The Bulletin of Pharmacy. Illinois State Reformatory. The Bulletin of Pharmacy. The Chicago Record-Herald The Rirchild & Bro. The Chicago Record-Herald The Bulletin of Pharmacy. Joseph Alexander. Siegel-Cooper & Co. The Chicago Record-Herald The Bulletin of Pharmacy. Joseph Alexander. Siegel-Cooper & Co. M. H. Fairchild & Bro. The Chicago Record-Herald The Bulletin of Pharmacy. Joseph Alexander. Siegel-Cooper & Co. M. A. Donohue & Co. C. M. Johnson, Secretary-Treasurer Joseph Alexander. Siegel-Cooper & Co. M. A. Donohue & Co. C. M. Johnson, Secretary-Treasurer Joseph Alexander. Siegel-Cooper & Co. M. A. Donohue & Co. C. H. Stoelting Co. The National Assn. of Retail Druggists. Neostyle Co. The National Assn. of Retail Druggists. Neostyle Co. The Chicago Record-Herald Illinois Pharmaceutical Assn. J. E. Armstrong.	Apparatus	19 50
. 2	4 . do	E. H. Sargent & Co.	do-	384 4
2	5do	Stebbins Hardware Co	Rip saw	2 0
2	6do	Stanton & Stanton	Window cleaning	16 30
2	7 do	Excelsior Laundry Co	Washing	1 6
2	8 do	M. A. Donohue & Co	Office supplies	1 0
2	9 do	Siegel, Cooper & Co	Supplies	10 5
3	U do	Fuller & Fuller Co	Tabanatany gymplias	1 0 41 6
3	do	Illinois State Deformatory	Printing	10 9
3	do	McDonough & Co	A dvertising	19 2 15 0
3	do	Mandel Brothers	Shades	12 4
š	dodo	Henry Bosch Co.	Paints, varnish, etc.	13 9
3	3 do	Carl John Stein	Plumbing	94 8
3	7do	W. B. Day, Actuary	Sundry bills paid	53 0
3	3 Aug. 15	Illinois State Reformatory	Printing	4 50
39	do	The Bulletin of Pharmacy	Advertising	7 50 36 98
40	Sept. 17	Illinois State Reformatory	Printing	36 8
4.	do	Gilbort & Ronnett Mfg. Co.	Wire aloth	5 38 18 90 6 00
4.	do	M H Fairchild & Bro	Supplies	6.0
44	do	The Chicago Examiner	Advertising	21 0
4!	do	Excelsior Laundry Co	Washing	1 4
46	do	The Chicago Record-Herald	Advertising	19 20
4'	do	The Bulletin of Pharmacy	do	7 50
48	3 do	C. W. Johnson, Secretary-Treasurer	Fees	10 00
49	do	Joseph Alexander	Supplies	22 9
50	) do	Siegel-Cooper & Co	Plates	3 60
5.	do	M. A. Dononue & Co	Pensiring migroscopes	18 30 60 0
5,	αο	The National Agen of Potail Descripts	A dvertising	22 50
96 g	do	Neostyle Co	Supplies	4 00
54	do	The Oliver Tynewriter Co	Ribbon	1 50
56	do	Merck & Co	Advertising	15 00
57	do	H. C. McCracken	Boxes and labels	11 00
58	3 do	Mallory & Mitchell	Advertising	27 09
59	do	Illinois Pharmaceutical Assn	do	20 00
60	) do	Mallory & Mitchell Illinois Pharmaceutical Assn. J. E. Armstrong. E. F. Urban. Woldenberg & Schaar E. H. Sargent & Co. Stebbhins Hardware Co. W. B. Day, Actuary John V. Farwell Co. G. P. Engelhard & Co. W. T. Robinson. C. J. Stein.	Services	25 00
6:	[]do	E. F. Urban.	Charts	10 00
62	: do	Woldenberg & Schaar	Laboratory supplies	47 10
68	do	E. H. Sargent & Co	Hordwore etc	286 60 35 78
04	o	W P Doy Actuery	Sundry hills noid	84 56
08 88	Sent 98	Iohn V Ferwell Co	Laboratory supplies	83 15
6'	7 do 20	G. P. Engelhard & Co	Advertising	25 00
69	3do	W. T. Robinson	Printing	2 50
69	do	C. J. Stein	Plumbing	2 80
~	1		_	

# SCHOOL OF PHARMACY WARRANTS-Continued.

١	Date.	To whom.	For what.	Amou
	1912.	,		
70	Sept. 28	Stanton & Stanton	Window cleaning	\$ 14
71	do	Illinois State Reformatory	Printing	6
72	do	Meyer Brothers Druggist	Advertising	15
73	do	The Druggists Circular	do	33
74	do	The Druggists CircularLouis Bouffard	do	7
75	do	Louis Bouffard. J. W. Butler Paper Co. The Oliver Typerwriter Co. Illinois Surety Co. The Western Union Telegraph Co. Murray & Nickell Mfg. Co. Illinois Glass Co. Mallory & Mitchell. Wixon Spice Co.	Paper Repairing	40
76	do	The Oliver Typerwriter Co	Repairing	3
77	Oct. 12	Illinois Surety Co	Bond	5
78	do	The Western Union Telegraph Co	Bond. Clock rental.	3
79	do	Murray & Nickell Mfg. Co	Drugs	21
80	do	Illinois Glass Co	Glass	18
81	do	Mallory & Mitchell	Advertising	17
82	do	Wixon Spice Co	Spices	1 2
00			Washing	1
84	do	The Chicago Medical Book Co	Books	25
85	do	Commonwealth Edison Co	ElectricityOffice supplies	(
86	do	M. A. Donohue & Co	Office supplies	] 8
87	do	Consumers Co	Hydrox	1
88	do	Consumers Co	HydroxLaboratory supplies	
89	4.0	Pougoh & Lowb Ontical Co	Laboratory apparatus	111
90	do	Stebbins Hardware Co	Hardware, etc	43
91	do	The R. W. McCready Cork Co	Laboratory apparatus. Hardware, etc. Corks	21
92	do	Stebbins Hardware Co. The R. W. McCready Cork Co. Kimble Glass Co. Henry Boseh Co. Kenneth Corcoran. The Chicago Record-Herald.	Vials. Supplies.	2
93	do	Henry Bosch Co	Supplies	1
94	do	Kenneth Corcoran	Defund	25
95	do	The Chicago Record-Herald	Advertising	15
96	do	W. B. Day	Sundry bills paid	55
97	do	W. B. Day E. H. Sargent & Co. Fuller & Fuller Co.	Advertising Sundry bills paid Laboratory supplies Drugs	19
98	do	Fuller & Fuller Co	Drugs	20
99	Oct. 24	Lehn & Fink	do	(
100	do	Siegel, Cooper & Co	Groceries, etc	1
01	do	Durand Steel Locker Co	Lockers	109
02	do	M. E. Koszuta. A. H. Whittinglon W. B. Day, Actuary. Excelsior Laundry Co.	Refund on tuition	1
103	do	A. H. Whittinglon	do	2
104	Oct. 26	W. B. Day, Actuary	do. Bill paid.	
105	Nov. 7	Excelsior Laundry Co	Laundry	
106	do	Consumers Co	Hydrox	
107	do	Consumers Co.  M. A. Donohue & Co.  E. H. Sargent	Paper	1 1
108	do	E. H. Sargent	Supplies Expenses	2
109	do	W. B. Day Fuller & Fuller Co. Nels Mohe. The Olive Typewriter Co. Pittsburgh Plate Glass Co.	Expenses	70
l10	do	Fuller & Fuller Co	Drugs	8
111	do	Nels Mohe	Plumbing Carbon and paper	2
112	do	The Olive Typewriter Co	Carbon and paper	1 3
l13	do	Pittsburgh Plate Glass Co	Glass	1 :
114	do	Kimble Glass Co	Vials	
115	do	The Alumni Assn	Advertising	:
L <b>1</b> 6	do	Siegel, Cooper & Co	Jars	1 4
117	do	Neostyle Co	Supplies	
l18	do Nov. 8	Kimble Glass Co. The Alumni Assn. Siegel, Cooper & Co. Neostyle Co. The Chicago Examiner. Commonwealth Edison Co.	Advertising	(
19	do	Commonwealth Edison Co	Power bill	:
20	do Nov. 20	Fred E. Krohn. M. H. Fairchild & Brother The American Pharmaceutical Assn	Refund. Soap powder.	3
121	Nov. 25	M. H. Fairchild & Brother	Soap powder	! _!
122	do Nov. 27	The American Pharmaceutical Assn		3
L23	Nov. 27	T. E. Kisner	Refund. Expenses	4
124	Dec. 9	W. B. Day, Actuary	Expenses	9
125	do	Siegei, Cooper & Co	Pencils	]
L26	do	The American Pharmaceutical Assn. T. E. Kisner W. B. Day, Actuary Siegel, Cooper & Co. Stanton & Stanton. E. H. Sargent & Co. Neostyle Co. E. W. A. Rowles. Milwaukee Dustless Brush Co. Fuller & Fuller Co.	Cleaning Laboratory supplies Supplies Mounting sheets	1
127	do	E. H. Sargent & Co	Laboratory supplies	1
128	do	Neostyle Co	Supplies	
129	do	E. W. A. ROWIES	Mounting sheets	1
130	do	Milwaukee Dustless Brush Co	Brush Drugs	1 -3
131	do	runer & Fuller Co	prugs	1
132	do	Chicago Medical Book Co	Book . Electric power . Burner fixture .	1
133	do	Commonwealth Edison Co	Electric power	:
134	do	Chicago Engineer Supply Co	Burner fixture	
35	do	Consumers Co	Hydrox	1 3
136	do	M. A. Donohue	Paper Laundry	1:
.37	do	Excelsion Laundry Co	Laundry	1
138	do	Milwaukee Dustless Brush Co. Fuller & Fuller Co. Chicago Medical Book Co. Commonwealth Edison Co. Chicago Engineer Supply Co. Consumers Co. M. A. Donohue. Excelsior Laundry Co. John V. Farwell Co.	Crash	1
39	Jan. 11	Neostyle Co	Stencil	8
40	do	Chicago Medical Book Co	Book Light bill	
41	do	Commonwealth Edison Co	Light bill	
42	do	Consumers Co	Hydrox	1 :
43	do	M. A. Donohue & Co	Paper	
44	do	Neostyle Co. Chicago Medical Book Co. Commonwealth Edison Co. Consumers Co. M. A. Donohue & Co. Illinois State Penitentiary. Fuller & Fuller Co. Siegel, Cooper & Co. W. B. Day, Actuary.	Book case	18
45	do	Fuller & Fuller Co	Drugs	1 :
46	do	Siegel, Cooper & Co	Jars.	61
	7.5	W P Dor Actuony	Petty expenses	a <sup>2</sup>

# SCHOOL OF PHARMACY WARRANTS-Continued.

īo.	Date.	To whom.	For what.	Amou
	1913.	Jos. Alexander General Chemical Co. E. H. Sargent & Co. American Chemical Society McKey & Posque. Excelsior Laundry Co. John Barnett W. B. Day, Actuary E. A. F. Borucki Neostyle Co. Chicago Medical Book Co. The Oliver Typewriter Co. The Oliver Typewriter Co. The Western Union Telegraph Co. Allaire, Woodward & Co. The Alumni Assn. M. A. Donohue & Co. The Journal of Infectious Diseases Consumer's Co. American Journal of Pharmacy. Excelsior Laundry Co. Murray & Nickell Mig. Co. The Eli Lilly & Co. W. B. Day, Actuary Lehn & Fink. E. H. Sargent & Co. Commonwealth Edison Co. Fuller & Fuller Co. Stanton & Stanton, Contractors McKey & Poague, Agents. A. H. Clark H. W. Colson W. B. Day B. L. Eicher E. M. Goddman C. M. Snow.	Supplies	
148	Jan. 11	Jos. Alexander	Supplies	\$ 16 3
149	do	General Chemical Co	do	3
150	do	E. H. Sargent & Co	Corbonin tion	10 12 10 3 3 5 2 22 1 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
150	Jan. 18	Maker & Poorto	Weter	10
153	do	Excelsion Louindry Co	Washing	14
154	Jan. 20	John Barnett	Refund of tuition	16
155	Jan. 22	W. B. Dav. Actuary	Bill paid	1 3
156	Jan. 28	E. A. F. Borucki	Refund of tuition	35
157	Feb. 8	Neostyle Co	Ink	2
158	do	Chicago Medical Book Co	Books	22
159	do	The Oliver Typewriter Co	Supplies	]
160	do	The Western Union Telegraph Co	Clock rental	١
101	do	The Alumni Agen	A dyrentining	6
162	do	M A Donohua & Co	Corde	
164	do	The Journal of Infectious Diseases	Subscription	
165	do	Consumer's Co	Hydrox'	
166	do	American Journal of Pharmacy	Subscription	}
167	do	Excelsior Laundry Co	Washing	4
168	do	Murray & Nickell Mfg. Co	Drugs	:
169	do	The Eli Lilly & Co	Supplies	29
170	do	W. B. Day, Actuary	Petty expenses	79
171	Feb. 10	Lehn & Fink	Drugs	-4
172	do	E. H. Sargent & Co	Laboratory supplies	29
173		Commonwealth Edison Co	Drugs Laboratory supplies Electricity Drugs Cleaning windows Rent Salary, February, 1913	<u>ئ</u> ے ا
174	Fob 10	Stanton & Stanton Contractors	Clooping windows	
176	Feb. 10	McKey & Poorte Arente	Rant	50
177	Feb. 28	A H Clark	Salary February 1913	150
178	- do	H. W. Colson	do	500 150 100
179	do	W. B. Day	do	- "
180	do	B. L. Eicher	do	100 100
181	do	E. N. Gathercoal	do	100
182	do	F. M. Goodman	do	100
183	do	C. M. Snow	do	150
184	do	Rudolph Miseck	do	68
185		Mary Scanion	D	60
180	mar. 8	Congression Co.	TTrrdnor	0
100	do	W R Day Actuary	Patty Aynange	8
180	do	M A Donohua & Co	Supplies	~
190	do	Excelsior Laundry Co	Washing	2
191	do	Fuller & Fuller Co	Drugs	18
192	Mar. 12	McKey & Poague, Agents	Rental	100 150 66 66 64 80 80 18
193	Apr. 7	Neostyle Co	Supplies	4
194	do	Excelsior Laundry Co	Washing	4
195	do	Commonwealth Edison Co	Electricity	
196	do	American Medical Assn	Books	
197		Ancher Core Core Core	Services	20
100		Makey & Posmia Agente	Dontol	500
200	do	W B Day Actuary	Petty expenses	7
201	Mar. 31	A. H. Clark	Salary, March, 1913	500 28 500 75 150
202	do	H. W. Colson	do	100
203	do	W. B. Day	do	100 208 100
204	do	B. L. Eicher	do	100
205	do	E. N. Gathercoal	do	100
206	do	Stanton & Stanton, Contractors.  McKey & Poague, Agents. A. H. Clark. H. W. Colson W. B. Day. B. L. Eicher. E. N. Gathercoal. F. M. Goodman. C. M. Snow. Rudolph Miseek. Mary Scanlon. The Chicago Medical Book Co. Consumer's Co. W. B. Day, Actuary. M. A. Donohue & Co. Excelsior Laundry Co. Fuller & Fuller Co. Excelsior Laundry Co. Fuller & Fuller Co. Excelsior Laundry Co. Commonwealth Edison Co. American Medical Assn. W. C. Schulz. Anchor Core Soap Co. McKey & Poague, Agents. W. C. Schulz. Anchor Core Soap Co. McKey & Poague, Agents. W. C. Schulz. Anchor Core Soap Co. McKey & Poague, Agents. W. B. Day, Actuary. A. H. Clark. H. W. Colson. W. B. Day, Actuary. B. L. Eicher. E. N. Gathercoal. F. M. Goodman. C. M. Snow. Consumers Co. Burgmeier Book Bindery. Illinois State Reformatory. Fillinois Meseck. Mary Scanlon. W. B. Day. B. L. Eicher. E. H. Gathercoal. F. M. Goodman. Consumers Co. R. G. Hoy. E. H. Sargent & Co. A. H. Clark. H. W. Colson. W. B. Day. B. L. Eicher. E. N. Gathercoal. F. M. Goodman. Rudolph Meseck. M. W. Colson. W. B. Day. B. L. Eicher. E. N. Gathercoal. F. M. Goodman. Rudolph Meseck. Mary Scalon. C. M. Snow. The University of Chicago Press.	do:	10 15
207	do	U. M. SnoW	00	120
208	do	Mary Samilar	00	68 60
210	Apr 7	The American Pharmacourtical Acom	Advertising	0
211	do '	Consumers Co	Hydrox	`~!
212	do	Burgmeier Book Binderv	Bookbinding	30
213	do	Illinois State Reformatory	Envelopes	"
214	do	Fuller & Fuller Co	Supplies	49
215	Apr. 10	R. G. Ноу	Refund of tuition	20 39 49 71
216	Apr. 12	E. H. Sargent & Co	Supplies	2
217	Apr. 30	A. H. Clark	Salary, April, 1913	150
218	do	H. W. Colson	do	100
219	do	W. B. Day	do	208
220	do	B. L. EICHET	do	100
221		E. N. Gaulercoal	00	150 100 208 100 100 100 65 60
222	do	Pudolph Mossolz		100
220	uu	Mary Scalon	u0	00
005		C. M. Snow	- do	150
		V+ ATL+ NALU YY	uv	100

# SCHOOL OF PHARMACY WARRANTS-Concluded.

No.	Date.	To whom.	For what.	Amour
	1913.			
227	Apr. 19	Illinois State Reformatory	Printing	\$ 18
228	do	Western Union Telegraph Co	Clock rental	3
229	Apr. 24	W R Day Actiony	Laboratory refinds	167
230	May 1	High School Life	Advertisingdo	8
231	do	The Alumni Assn	do	.3
232	do	W. T. Robinson	Printing. Stencil	12
233	do	Neostyle Co	Stencil	1
234	do	M A Donohua & Co	Sunnlies	1 5
235	do	Stanton & Stanton	Labor Special assessments	14
236	May 6	County Collector of Cook County	Special assessments	106
237	do	Siegel, Cooper & Co	Supplies	8
	do	Excelsior Laundry Co	Washing.	3
020	do	Rounds-Truman Co.	Engrossing	9
200		Control Dont X M C A of Chicago	Dent of hell	25
240	do	Central Dept., Y. M. C. A. of Chicago	Rent of hall	35
241	do	Lehn & Fink	Drugs	75
242	May 8	W. B. Day, Actuary	Petty expenses	114
243	do	Beckley-Cardy Co	Press	1
244	do	Fuller & Fuller Co	Drugs	1 10
245	do	Consumers Co	Hydrox	1 1
246	May 13	Consumers Co. E. H. Sargent & Co.	Supplies	E
247	May 17	McKey & Poague, Agents	Rental	500
248	do	Illinois State Penitentiary	Furniture	18
240	May 31	A. H. Clark	Salary May 1012	150
250	do or	H. W. Colson	do	100
951		W P Dow	34	208
201		W. B. Day B. L. Eicher	u0	100
202	ao	B. L. Elcher	<u>q</u> 0	100
200	do	E. N. Gathercoal.		100
209	ao	F. M. Goodman	do	100
250	do	C. M. Snow	ao	150
250	do	Mary Scanlon	do	. 60
25	do	Rudolph Meseck. Parke, Davis & Co. Henry Bosch Co. The American Pharmaceutical Assn.	do	6
258	June 9	Parke, Davis & Co	Supplies	.  3
259	do	Henry Bosch Co	Floor oil	.  :
260	)do	The American Pharmaceutical Assn	Advertising	. 1:
261	l do	High School Life	do	
262	2do	Fuller & Fuller Co	Drugs	32
26	3do	W. B. Dav. Actuary	Petty expenses	5
26	1 . do	Neostyle Co	Stencil	
26	5do	High School Life. Fuller & Fuller Co. W. B. Day, Actuary. Neostyle Co. Excelsior Laundry Co. Commonwealth Edison Co.	Washing	
26	6 . do	Commonwealth Edison Co.	Electricity	
26	do	Louis Bouffard. Siegel, Cooper & Co.	Labor and material	
26	do	Siegel Cooper & Co	Pencils	
200	Tuna	A H Clark	Salary Tuna 1012	150
971	Journo et	A. H. Clark H. W. Colson	Ao	100
97	do	W B Don	46	208
21.	1	W. B. Day B. L. Eicher E. N. Gathercoal		200
2/2		D. D. EKHET.		100
2/3	ao	E. N. Gainercoal	qo	100
274	do	F. M. Goodman	. qo	.{ 100
27	do	C. M. Snow.	do	150
270	i do	Rudolph Meseck	do	. 6
27	7 do	E. N. Gadlercoal. F. M. Goodman C. M. Snow Rudolph Meseck Mary Scanlan Illinois State Reformatory.	. do	. 60
278	IJune 27	Illinois State Reformatory	Envelopes	. 35

# COLLEGE OF MEDICINE WARRANTS, SERIES I.

1912. 1 July 2 2do	2 High School Life Western Journal of Education Chas. H. Touzalin Agency	Advertising	
1 July 2 2do	2 High School Life	Advertising	
2do	Western Tournal of Education		\$ 3
3 do	.   W estern Journal of Education	do	
	Chas. H. Touzalin Agency	do	` 1
4do	Western Lumber Cop	Lumber	, -
5 do	Western Lumber Cop. Health & Milligan Mfg. Co.	Enamel, etc	` 4
6dJ	Marshall Field & Co. Morrison, Plummer & Co. Boland Machinery Co.	Dry goods	2
7do	Morrison, Plummer & Co	Drugs	3
8do	Boland Machinery Co	Labor and materials	
9 do	City Fuel Co.	Coal	23
10do	. Commonwealth Edison Co	Electricity	
11do	. Western Fuel Co	Coal	7
12 do	. Illinois Malleable Iron Co	Pipe	
13do	. McMaster-Carr Supply Co	Packing	•
14do	James Donley	Oil pan	
15do	City Fuel Co. Commonwealth Edison Co. Western Fuel Co. Illinois Malleable Iron Co. McMaster-Carr Supply Co. James Donley. Robert Robertson.	Plumbing	1
17 do	C. L. Barnes	Embaining, etc.	33
181. do	- A. C. McClurg & Co.	Paper	•
19 do	V. Mueller & Co	Instruments	

# COLLEGE OF MEDICINE WARRANTS, SERIES I-Concluded.

No.	Date.	To whom.	For what.	Amount.
21 22 23 24 25 26 27 28 29 30	dododododododo	H. W. Cole	Scap Washing Bookbinding Books Board and room Extra compensation Printing .do. Supplies	2 82 47 50 32 33 82 00 11 50 52 00 100 00 25 60 28 50
32 33 34 35 36	do do do July 26	S. S. White Behal Mig. Co. C. L. Frame Dental Supply Co. Chicago Towel Supply Co. Lupton's Print Shop. D. A. K. Steele, Actuary. Wm. Droubert. Woman's Board of Missions of the In-	. do. Washing. Printing. Sundry bills paid. Extra service	79 42 18 96 24 00
38 39 40 41 42	do July 29 do	terior. Mrs. T. E. D. Bradley, Treasurer. Mallory & Mitchell. Chicago Record Herald. Surgical Publishing Co. H. F. Bremer. Chicago Towel Co. A. R. Greene.	Refunddododododododo	1,000 00 3 15 4 20 22 50 15 55
44 45	do Aug. 27	A. R. Greene The College of Physicians & Surgeons of Chicago	Advertising Balance due	1

# COLLEGE OF MEDICINE WARRANTS, SERIES II.

	1913. Mar. 18	United States Audit Co	Service	\$12
	Mar. 22	Illinois Surety Co	Premium	1
	do	W. H. Browne, Superintendent	For petty cash	30
4	Mar. 26	J. S. Tomlinson, Cashier	Petty cash payments in March.	
- 1		·	1913, pending arrangements	
Ì			with comptroller	25
	Mar. 27	W. H. Browne	Expenses	1
6	Mar. 31	W. H. Browne L. C. Borland	Salary, March, 1913	17
7	do	R. R. Rupert	do	17
8	do	[G. P. Dreyer	do	37
9	do	W. C. Hawthorne	do	10
10	do	E. F. Slavik	do	5
11	do	C. C. O'Byrne	do	12
12	do	C. C. O'Byrne T. D. Burger Adolph Gehrman Rernard Fantus	do	
L3	do	Adolph Gehrman	do	10
<b>L4</b>	do	Rernard Fantus	do	8
15	do	J. E. Haskell	do	
l6	do	Stella M. Gardner	do	10
17	do	F. L. Barbour F. E. Wyenkoop W. H. Browne Metta M. Loomis	do	2
18	do	F. E. Wyenkoop	do	22
19	do	W. H. Browne	do	21
20	do	Metta M. Loomis	do	7
115	do	H. W. Cole	do	6
	do	G. N. Hiskey	do	4
	do	Metta M. Loomis H. W. Cole. G. N. Hiskey Mabel L. Arnseon Mrs. Josephine Allen Elizabeth M. Heelan Eric Froberg James Southwell Anna R. Bolan L. W. North	do	6
	do	Mrs. Josephine Allen	do	Ę
25	do	Elizabeth M. Heelan	do	6
	do	Eric Froberg.	do	.6
	do	James Southwell	ao	11
	do	Anna R. Bolan	do	6
29		J. W. NOI:	uo	3
	do	Larrh Israelson	do	3
31	do	H. S. Smith	do	3
32	do	B. D. Coles John Savage	do	Ę
33	do	Jonn Savage	ao	4
	do	Paul David,	do	4
	do	George Josefson John Odeshoo		2
	do	John Odesnoo		2
	do	Eshoo David	00	4
38	do	H. S. Perry	00	2
	do	W. F. Deckert		3 10

# COLLEGE OF MEDICINE WARRANTS, SERIES II—Continued.

о.	Date.	To whom.	For what.	Amou
	1913.		G 1 75 1 1010	_
	Mar. 31	Fred Wentzel	Salary, March, 1913	\$ 49 1,940 18
42	Apr. 1	Ernst Leitz	Microscopes	1,940
44	do	Fuller & Fuller Co	l Coop	90
45	do	Monahan Antiseptic Co F. J. Burns & Co. Shawnut Market Co. H. K. Mulford Co. High School Life. The Daguerre Studio. Jacobus Printing Co. Bradner Smith & Co. J. C. Holmes. The American Schoolmaster. H. F. Bremer American-German Boiler Compound Co. City Fuel Co. H. Drenth Ogden Floral Co. A. C. McClurg & Co. Chicago Addressing Co. Mass Bros. The R. D. Swisher Míg. Co. V. Mueller & Co.	Turtles	00
46	do	Shawnut Market Co	Perch	4
47	do	H. K. Mulford Co	Cold cream	1 4
48	do	High School Life	Advertising	30
49	do	The Daguerre Studio	Photo work	14
50	do	Jacobus Printing Co	Cardboard	3
51	do 7	Bradner Smith & Co	Supplies	(
52	Apr. 7	J. C. Holmes	Booklets	30
53	Apr. 8	The American Schoolmaster	Advertising	6
54	do	H. F. Bremer	Labor and material	33
55	do	American-German Boiler Compound Co.	Oil	13
	do	City Fuel Co	Coal	165
57	do	H. Drenth	Labor	19
58	do	Ogden Floral Co	Rent.	10
59	do	A. C. McClurg & Co	Stationery	
60	do	Chicago Addressing Co	Labor and material	4:
-01	do	Maas Bros	Hardware	17
62	do	The R. D. Swisher Mig. Co	T a horotony graphica	6
63	do	Wanningon Diamenton & Co.	Drugg	0
64 65	do	O Corligod & Co	Class sunnling	159
66 66	do	The R. D. Swisher Mfg. Co. V. Mueller & Co. Morrisson, Plummer & Co. O. Carlizcek & Co. F. J. Burns & Co. Fuller & Fuller Co. Physician's Supply & Drug Co. Henry Troemner. Chicago Towel Co. Library Bureau. Crane Co.	Turtlac	25
67	do	Fuller & Fuller Co	Supplies	2
68	do	Physician's Supply & Drug Co	do	1 3
60	do	Hanry Troomner	Hanger	:
70	do	Chicago Towel Co	Supplies	2
71	do	Library Bureau	do	T .
72	do	Crane Co.	Hardware	1
72	do	Hooth & Milligan Mfg Co	Paint	
74	do.	G. F. Bierhower	Repairs	14
75	do	Marshall Field & Co	Dry goods	2
76	Apr. 10	Wheelock, Shattuck & Newey	Repairs. Dry goods. Services.	2
77	Apr. 19	Kasen's Express	Labor	1:
78	3do	Marshall Field & Co. Wheelock, Shattuck & Newey Kasen's Express International Forwarding Co.	Labor. Fees and charges.	1 1
. ( 9	do	Western Fuel Co	Coal	41
80	do	City Fuel Co	do	14
81	do	Steel & Lawson	Laboratory supplies	36
82	do	International Forwarding Co. Western Fuel Co. Steel & Lawson. Morrison, Plummer & Co. Henry Newgard & Co. The Hamblin Plumbing Co. State Bank of Chicago. The American Schoolmaster. C. A Tougalin Agency.	Supplies	210
83	do	Henry Newgard & Co	Repairs	1.
84	do	The Hamblin Plumbing Co	Labor and material	40
85	do	State Bank of Chicago	Fees	3
86	do	The American Schoolmaster	Advertising	1 .
87		C. A. Touzalin Agency The Fidelity & Casualty Co. of New York McDonald & Co.	D	
-88	do	The Fidelity & Casualty Co. of New York	Printing	1
89	do	McDonaid & Co	Printing. Salary, Session, 1912-13do	15 15
01	Apr. 21	E. G. Chase	do 1912-19	5
AT.	do	T II Duquid	do	5
02	do	O G Fisher	do	20
0.4	do	G N Hielray	do	5
05	do	H E Trich	do	5
ga ga	do	W. C. Jones	_do	20
97	- do	Ine Fidelity & Casualty Co. of New York McDonald & Co. E. G. Chase E. J. Danek J. H. Duguid O. G. Fisher G. N. Hiskey H. E. Irish W. C. Jones G. J. Lorch G. L. McLellan H. R. Sharpe Clarence V. Smith R. A. Smith W. B. Swackhamer W. H. Watson F. H. Wilson R. H. Woods Wm. K. Yeakel F. J. Burns & Co. Fuller & Fuller Co. Goodbart's Laundry	do	5
99	3 . do	G. L. McLellan	do	2
99	do	H. R. Sharpe	do	l ĩ
100	)do	Clarence V. Smith	do	Ĩ
101	do	R. A. Smith	do	15
102	do	W. B. Swackhamer	do	1
103	do	W. H. Watson	do	1
104	do	F. H. Wilson	do	5
105	do	R. H. Woods	do	2
106	do	Wm. K. Yeakel	do	15
107	Apr. 22	F. J. Burns & Co	Frogs	
108	do	Fuller & Fuller Co	Socium nitrate	1 .
109	do	Goodhart's Laundry	Wasning	4.
110	Apr. 30	r. c. Rolland	Salary, April, 1913	17
111	do	K. A. Rupert		17 37 10
112	do	Geo. P. Dreyer		37
113	gqo	w. C. Hawtnorne		10
114	do	E. F. SIRVIK	ao	10
115	ggo	D. D. Byrne	uo	12
116	gqo	Goodhart's Laundry L. C. Borland R. A. Rupert Geo. P. Dreyer W. C. Hawthorne E. F. Slavik C. C. O'Byrne T. D. Burger Adolph Gehrmann Bernard Fantus J. E. Haskell	do	10 12 3 10 8 3
117	o	Romand Pontus	do	10
110	do	Dernaru rantus	do	9
	0 (10)	J. D. FLUSKOH		1 0

# COLLEGE OF MEDICINE WARRANTS, SERIES II-Continued.

0.	Date.	To whom.	For what.	Amou
	1913.	To whom.  Stella M. Gardner. F. L. Barbour. F. E. Wynekoop J. S. Tomlinson. William/Deckert. Howardfs. Perry Simon David Eshoo David. George Josefson Paul David. John Savage. Bert D. Coles William B. O'Brien. Harry S. Smith. J. W. North. Anna R. Bolan. James Southwell. Eric Froberg. Elizabeth M. Heelan. Mrs. Josephine Allen. Mabel L. Arneson. Geo. N. Hiskey. Henry W. Cole. Metta M. Loomis. W. H. Brown. H. K. Mulford Co. Commonwealth Edison Co. W. S. White, Treasurer Bausch & Lomb Optical Co. Marshall Field & Co. The Fair. Henry Newgard & Co. McDonald & Co. Fuller & Fuller Co. H. W. Cole. High School Life. The Peoples Gas Light & Coke Co. The Imperial Mfg. Co. The Imperial Mfg. Co. The Imperial Mfg. Co. The Fair. M. Edna Bigelow. Central Scientific Co. F. J. Burns & Co. Morisson, Plummer & Co. V. Nestern Fuel Co. A. H. Abbott & Co. The Alumni Assn Western Fuel Co. A. P. W. Paper Co. Aranoff & Morris. International Forwarding Co. Central Scientific Co. The Alumni Assn Western Fuel Co. A. P. W. Paper Co. Aranoff & Morris. International Forwarding Co. Central Scientific Co. Greek-A merican Sponge Co. Central Scientific Co. Greek-A merican Sponge Co. Central Scientific Co. Comronian Plummer & Co.	G 1 4 11 1010	414
120	Apr. 30	Stella M. Gardner	Salary, April, 1913	\$100
121	ao	F F Wynelsoon	do	20
123	do	I S Tomlinson	do	25 225 100 30 25 32
124	do	William Deckert	-do	30
125	do	Howard S. Perry	.do	2
126	do	Simon David	do	32
127	do	Eshoo David	do	45
128	do	George Josefson	do	40
129	do	Paul David	do	46 48 40 50
130	do	John Savage	do	4(
101	do	William D. O'Drian		90
102	uo	Honey C Cmith	do	36 76 76
100	do	T W North	do	70
135	uo	Anna R Rolan	do	60
136	do	James Southwell	do	11/
137	do	Eric Froberg	do	118 60
138	do	Elizabeth M. Heelan	do	66
139	do	Mrs. Josephine Allen	do	5
140	do	Mabel L. Arneson	do	60
141	do	Geo. N. Hiskey	do	. 40
142	do	Henry W. Cole	do	60
143	do	Metta M. Loomis	do	7
144	do	W. H. Brown	do	21
145	Apr. 24	H. K. Mulford Co	Drugs	
146	do	Commonwealth Edison Co	Electricity	
147	do	W. S. White, Treasurer	Services	3
148	do	Bausen & Lomb Optical Co	Slide boxes	ا ا
149		Marshall Field & Co	Otombo	3
150	Apr. 20	The Fair	Stamps	11
127	do	McDonald & Co	Drinting	111
152	do	Eullan & Eullan Co	Timong	1
154	uo	T W Cola	Lobor	9
155	Anr 20	High School Life	Advertising	3
156	do 20	The Peoples Gas Light & Coke Co	Gas	6
157	do	The Western Union Telegraph Co	Clock rental	ĭ
158	do	The Imperial Mfg. Co	Sweeping compound.	ī
159	do	The Fair	Seeds	1 7
160	do	M. Edna Bigelow	Labor	. 2
161	do	Central Scientific Co	Supplies Printing	3
162	do	F. J. Burns & Co	Turtles and frogs	1
163	do	Morisson, Plummer & Co	Alcohol	5
164	do	V. Mueller & Co	Supplies	1 '
165	do	H. M. Hooker Co	Putty	1
100	мау т	Vaugnan's Seed Store	Seeds	
107		A. U. McChurg & Co	Clar	1
160	Mor 0	The Alumni Assn	Advortising	1 '
170	mray o	Western Fuel Co	Fnal	10
171	do	A P W Paper Co	Sunnlies	3
172	do	Aranoff & Morris	Bookbinding	2
173	.do	International Forwarding Co	Duty	l ī
174	do	Chicago Addressing Co	Labor	ī
174 175	do	Greek-American Sponge Co	Sponges	1
176 177	do	Central Scientific Co	Supplies	1
177	do	Morrisson, Plummer & Co	do	5
178	May 13 do	Morrisson, Plummer & Co	Drugs	1
179	do	Morrisson, Plummer & Co	Supplies	1
180	do	Physicians' Supply & Drug Co	do	1 _
181	do	Chicago Towel Co	do	2
182	do	The Hamblin Plumbing Co	Labor and material	3
183	May 15	W. H. Browne	Petty cash bus	9
184	00	W. H. Browne	T	8
185 186	May 17	Mana Prothora	. do	
100	uo	International Forwarding Co. Chicago Addressing Co. Greek-American Sponge Co. Central Scientific Co. Morrisson, Plummer & Co. Morrisson, Plummer & Co. Morrisson, Plummer & Co. Physicians' Supply & Drug Co. Chicago Towel Co. The Hamblin Plumbing Co. W. H. Browne. W. H. Browne City of Chicago Maas Brothers Neostyle Co.	Supplies	4
107	ao	Wastern Bank Note & Engraving Co	Dinlomas	15
120	do	F. I. Burns & Co	Turtle	1 1
100	do	Central Scientific Co	Laboratory supplies	1 *
191	do	Central Scientific Co	Supplies	1
192	do	Goodhart's Laundry	Washing	4
193	do	H. M. Hooker Co.	Glass	1 -
194	do	Illinois State Reformatory	Printing	2
195	do	Cameron, Amberg & Co.	do	2
196	do	Maas Brothers Neostyle Co. Western Bank Note & Engraving Co. F. J. Burns & Co. Central Scientific Co Central Scientific Co. Goodhart's Laundry H. M. Hooker'Co. Illinois State Reformatory. Cameron, Amberg & Co. The People's Gas Light & Coke Co. L. J. Bernard F. E. Wynekoop.	Hardware. Supplies. Diplomas Turtle Laboratory supplies Supplies. Washing Glass. Printing. do Gas Rebate of tuition. Salary, May, 1913.	10.0 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
197	May 19	L. J. Bernard	Rebate of tuition	4
			Calare 35am 1010	

# COLLEGE OF MEDICINE WARRANTS, SERIES II-Continued.

Vo:	Date.	To whom.	For what.	Amou
	1913.	F. L. Barbour		
199	May 31	F. L. Barbour	Salary, May, 1913	\$ 25 100 31 87 100 30 129 58 175 175 100 25 40 100
200	do	Stella M. Gardner	do	100
201	do	J. E. Haskell	do	31
202	do	B. Fantus.	do	87
203		A. Genrmann	do	100
204	do	C C O'Ryrna	do	190
200	do	E F Slavik	do	128
207	do	G. P. Drever	do	375
208	do	R. R. Rupert	do	175
209	do	L. C. Borland	do	178
210	do	W. C. Hawthorne	do	100
211	do	Howard S. Perry	do	2
212	do	Geo. N. Hiskey	do	40
213	do	J. S. Tominson	do	100
214	do	Simon David	do	30
216	do	Eshoo David	do	45
217	do	Elia George	do	40
218	do	Paul David	-do	4.5
219	do	John Savage	do	486 410 410 410 410 410 410 410 610 610 610 610 610 610 610 6
220	do	Bert D. Coles	do	50
221	do	Joseph Klena	do	70
222	do	Harry S. Smith	do	70
223	do	James W. North	.,do	70
224	do	Anna K. Bolan	00	60
225	ao	James Southwell	uo	111
220		Elizabeth M. Haelen	do	00
221	do	Mrs Tosanhina Allan	do	5
220	do	Mahel L. Arneson	_do	60
230	do	H. W. Cole	do	60
231	do	Metta M. Loomis	do	78
232	do	W. H. Browne	do	216
233	May 21	H. W. Cole	Repairs	34
234	May 29	Central Scientific Co	Laboratory supplies	. (
235	May 31	The American Schoolmaster	Advertising	1 9
236	do	Morrison, Plummer & Co	Drugs	1 .
237	do	H. Drentn	Labor	1
200		Chicago Tolophone Co	Corvice	20
240	do	Fuller & Fuller Co	Metal polish	1 -
241	do	V. Mueller & Co	Sunnlies	1 3
242	do	Central Scientific Co.	Laboratory apparatus	1
243	do	Illinois State Reformatory	Printing	2
244	do	Jenkins Brothers	Hardware	
245	do	Enterprise Works	Labor and material	.
246	June 13	High School Life	Advertising	30
247	do	V. Mueller & Co	Instruments	4
248	do	The Garlock Packing Co	Packing	1 1
249	oo	Western Fred Co	do.	15
200		W Estelli I del Co	Hauling	10
201 252	do	Maas Brothers	Hardware	1 1
252	. do	Demonstrators Assn. of Illinois	Cadavers	1 4
254	do	Ahrens & Schreiner	Groceries	.]
255	do	Fuller & Fuller Co	Drugs. etc	. 1
256	do	Morrison, Plummer & Co	Drugs	
257	do	J. B. Galloway	Mould and die	4 - 2
258	do	Goodhart's Laundry	wasning	. j
259	do	Unicago Towel Co	Supplies	2
200	oo	Parking Machine Co	Lahor	1 1 2
201	uo	Illinois Malleable Tron Co	Material	10
263	do	J. M. Smith	Labor	]
264	do	The Hamblin Plumbing Co	Labor and material	]
265	June 16	Riddiford Brothers	Brooms and brushes	. 1
266	do	Remington Typewriter Co	Inspection	
267	June 19	Dillingham & Connor	Rental	15
268	June 25	High School Life	Advertising	. 3
269	do	Marshall Field & Co	Cotton web	
270	do	The reople's Gas Light & Coke Co	Gas	12
271	ao	reopie's Gas Light & Coke Co	Dibbon	1 1
2/2	00	Chicago Talanhona Co	Service	1 1
2/8	do	The Garlock Packing Co. F. G. Hartwell Co. Western Fuel Co. H. Drenth. Maas Brothers. Demonstrators Assn. of Illinois. Ahrens & Schreiner. Fuller & Fuller Co. Morrison, Plummer & Co. J. B. Galloway Goodhart's Laundry. Chicago Towel Co. Crane Co. Perkins Machine Co. Illinois Malleable Iron Co. J. M. Smith. The Hamblin Plumbing Co. Riddiford Brothers. Remington Typewriter Co. Dillingham & Connor High School Life. Marshall Field & Co. The People's Gas Light & Coke Co. People's Gas Light & Coke Co. The Fair. Chicago Telephone Co. Cameron, Amberg & Co. Rounds-Truman Co. Kasen's Express & Van Co. Knickerbocker, Ice, Co.	Stationery	1 1
275	do	Rounds-Truman Co	Engrossing	2
276	do	Kasen's Express & Van Co	Service	] "
077	do	Knickerbocker Ice Co	Tce	] -

# COLLEGE OF MEDICINE WARRANTS, SERIES II-Concluded.

To.	Date.	To whom.	For what.	Amour
	1913.			
	June 25	Timponi's Orchestra	Services	\$ 45
	do	J. H. Duguid	Teaching	50
280	do	H. K. Mulford Co	Chemicals	9
281	do	H. K. Mulford Co. Physician's Supply & Drug Co	Coats	2
282	do	Jacobs & Holmes	Printing	32
283	do	McDonald & Co	Printing reports	6
284	do	H. M. Hooker Co.	Glass	ă
	do	Central Marine Works	Lahor	6
286	do	W Colo	Panair work	11
287	do	H. W. Cole. Thayer & Lynn.	Denoising comments to	2
	qo	Thayer & Lynn	Repairing commutator	
	do	Henry Newgard & Co	Labor	12
289	do	Fuller & Fuller Co	Drugs	26
290	do	McMaster-Carr Supply Co	Supplies	13
	do	Morrison, Plummer & Co	Drugs	11
	June 30	H. S. Smith	Salary, June, 1913	80
293	do	H. S. Smith Elia George	do	40
294	do	Simon David	do	40
	do	Simon David. William Deckert. Mable L. Arneson.	do	30
	do	Mahla T. Arnasan	do	60
297	do	Anna R. Bolan	do	60
	uo	W II Dayma	do	216
298	do	W. H. Browne. Bert D. Coles.		
299	do	Bert D. Coles	do	50
300	do	H. W. Cole.	do	. 60
301	do	Eshoo David	do	45
302	do	Paul David Eric Froberg Metta M. Loomis	do	45
303	do	Eric Froberg	do	60
304	do	Metta M. Loomis	do	75
305	do	IT W North	l do	70
306	do	John Savage	.do	40
307	do	James Southwell	do	115
308	do	J. S. Tomlinson Josephine Allen Geo. N. Hiskey	do	100
300	do	Togonhino Allon	do	55
210	do	Coo N Higher	do	40
911	do	T T Dombour	do	25
911		P. D. Darbour		
312	ao	R. R. Rupert	qo	100
213	ao	R. R. Rupert. Geo. P. Dreyer	qo	100
314	do	C. O'Byrne	[do	100
315	June 26	C. O'Byrne. Chicago Savings Bank & Trust Co	Interest payment	1,800
316	l do	Louis E. Largen	l do	1,900
317	do	Frank B. Earle. The Chicago Real Estate Board	do	3, 270
318	June 27	The Chicago Real Estate Board	Valuation certificate	268
319	June 30	Commonwealth Edison Co	Electricity	2
320	l do	Damonstrator's Assn of Hillings	Cadavers	41
321	do	Kasan's Evnrass & Van Co	Sarvica	2
200	uo	Kasen's Express & Van Co. Alvord & Burdick The Western Union Telegraph Co.	Drowing	า์
200		Mivoru & Duruick	Diaming	12
940	ao	The western Union Telegraph Co	T ab anatom man line	
324		Central Scientine Co	Laboratory supplies	7
325	do	Perkins Machine Co	Kepairs	68
326	do	Chicago Savings Bank & Trust Co	Interest	4

# PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1914.

# Meeting of July 2, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Wednesday, July 2, 1913, beginning at 10 A.M., pursuant to the following notice which was sent out by the secretary on June 27, 1913:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room, at the University, in Urbana, on Wednesday, July 2, 1913, beginning at 10:00 A.M., to act on reports of committees, recommendations of the President of the University, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

#### CONSIDERATION OF MINUTES DEFERRED.

The minutes of the meeting of June 25, 1913, being presented in manuscript only and not in print (it having been impossible on account of the shortness of time between the two meetings to have them in print), consideration of these minutes was deferred until the next meeting.

# REPORT OF THE FINANCE COMMITTEE: ARRANGEMENT FOR HANDLING VOUCHERS.

Mr. Moore, as Chairman of the Finance Committee, reported that the committee had considered the request of the comptroller that he be authorized to sign the names of the President and Secretary of the Board of Trustees, and to attach the corporate seal of the University, to such itemized vouchers as are by law subject to such procedure (this request having been referred to the Finance Committee by the board at its meeting of June 25, 1913, page 270), and that the committee recommended that this request of the comptroller be approved.

In accordance with this recommendation of the Finance Committee, it was voted to approve the comptroller's request relating to this matter.

#### BUDGET CLASSIFICATION.

Mr. Moore reported also that the Finance Committee had considered the proposed form of budget classification, drafted by a University committee and referred by the board, at its meeting of June 25, 1913 (page 270), to the Finance Committee for consideration, and that in a general way and as a method of procedure the committee approved this form.

On motion of Mr. Moore, it was voted that the President of the University be authorized to prepare the budget in accordance with this form, with such modifications as may be necessary.

#### REPORT OF THE COMMITTEE ON BUILDINGS AND GROUNDS.

Mrs. Busey presented the following report from the Committee on Buildings and Grounds:

#### EXTENSION OF THE HEAT. LIGHT AND POWER PLANT.

(1) The supervising architect presented the report upon the proposed extension of the University heat, light, and power plant, the consideration of which was referred to this committee with power [page 273], together with an appropriation of fifty thousand dollars (\$50,000), for the execution of the work. The various points discussed by the Engineering College Faculty Committee in their report were considered, and the final action was to approve the recommendations of the Faculty Committee with reference to the tunnel extensions and to modify the recommendations with reference to the 10-inch steam line south of the

mendations of the Faculty Committee with reference to the tunnel extensions and to modify the recommendations with reference to the 10-inch steam line south of the tunnels, changing this line to an 8-inch. This committee, therefore, authorized the carrying of an 8-inch high pressure steam line with the necessary returns from the new boiler-house to the new law school junction; the construction of tunnels of the east-west line through the Auditorium and for a distance of 800 feet south on Mathews Avenue and 300 feet south on Wright Street, with a 10-inch steam main and the necessary returns; and the extension from the ends of these tunnels south in conduit to reach the new buildings south of the Auditorium, using 8-inch mains as far as they form a part of the main loop, and branch mains of the proper size to supply the several buildings.

The foregoing section, No. 1, of the report of the Committee on Buildings and Grounds, involving an appropriation of fifty thousand dollars (\$50,000) for an extension of the heat, light, and power plant, was received for record.

- (2) The committee considered the general repair budget which was referred to it by the board with power [page 273], and authorized it as a whole, with the reservation that no single repair item should be included which exceeded \$500 in amount. This repair budget totaled seventeen thousand sixty dollars (\$17,060).
- The foregoing section, No. 2, of the report of the Committee on Buildings and Grounds, involving an appropriation of seventeen thousand sixty dollars (\$17,060) for the general repair budget as recommended by the supervising architect, was received for record.
- (3) The Board of Trustees referred to this committee [page 274] for recommendation the question of campus lighting, and this committee recommends that six thousand dollars (\$6,000) be appropriated, as much thereof as may be found necessary to be used for the adequate lighting of the campus as far south as the Auditorium.

On motion of Mrs. Evans, the foregoing recommendation, involving an appropriation of six thousand dollars (\$6,000) for the lighting of the campus as far south as the Auditorium, was approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

(4) The board referred for recommendation [page 274] the question of an addition to the library book stacks, and this committee recommends that the building be extended southward 24 feet at an estimated cost of twenty-seven thousand seven hundred dollars (\$27,700), which includes the building extension and elevator and the necessary book stacks to fill out the two top stories of the present stack and the first three stories of the new stack, which will provide space for 76,000 volumes. When it becomes necessary to provide additional book capacity, additional stacks can be placed on the upper two floors of the addition for the accommodation of 44,000 volumes.

On motion of Mrs. Busey, it was voted to concur in the foregoing recommendation, involving an appropriation of twenty-seven thousand seven hundred dollars (\$27,700) for an addition to the Library book stacks. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### IMPROVEMENTS TO BUILDINGS.

(5) The Board of Trustees referred to this committee for recommendation [page 394] a list of general building improvements which are listed below: 1,000 00 350 00

1. Freight truck
2. Deep well pump and motor
3. Clocks for buildings (10)
4. Boiler-house Drive—Springfield to Green 2,500 00 5. Paving Burrill Avenue from University Hall to Auditorium, 15 feet

2,500 00

6. Temperature control—  Engineering Hall	00
7. Vacuum cleaners— Lincoln Hall \$700 00 Woman's Building \$850 00 Natural History Building \$1,000 00 Library 500 00	
3,050	
8. Men's Gymnasium	
9. Added furniture for Woman's Building	00
10. Shower baths and partitions, Woman's Building, first and second	
floors 5,300	00
11. Changes in basement corridor, Woman's Building	00
12. Furniture and equipment, Woman's Building (Household Science	
lecture-room	00
13. Lighting facilities for Morrow Hall	00
14. Changing locks, Lincoln Hall	00
15. Metal bookcases, Lincoln Hall	
16. Changes in Room 405, Lincoln Hall (N. E. corner room, fourth floor) 600	
17. Changes in office of the Dean of the College of Arts and Sciences 750	
18. Changes in Room 318-320, University Hall (rooms occupied by	• •
Rhetoric Department	0.0
19. Changes in Room 410, University Hall (former lecture-room,	• •
economics)	00
20. Changes in Room 118, Agr. Building (N. W. corner room, first floor) 1,200	
21. Changes in Room 455-6, Agr. Building	
22. Waterproofing basement, metal shops	00
23. Waterproofing basement, Transportation Building	
The committee recommends that all of these improvements be authorize	eu,
except Nos. 1, 5, 16, and part of 18. The supervising architect was instructed represent further on Nos. 1 and 5 and No. 18 is recommended with the except	tea

to report further on Nos. 1 and 5, and No. 18 is recommended with the exception of an office which it was proposed to obtain by cutting off the end of a corridor.

On motion of Mrs. Henrotin, it was voted to concur in the foregoing recommendation, making an appropriation of forty thousand six hundred dollars (\$40,600) for the general building improvements listed above, with the exception of the items noted by the committee, namely, the items numbered 1, 5, 16, and part of 18. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### REPORT OF COMMITTEE ON STUDENTS' WELFARE: ORCHESTRAL CONCERTS AUTHORIZED.

Mrs. Evans, as Chairman of the Committee on Students' Welfare, reported that the committee had considered the recommendation of the president that an appropriation not to exceed five thousand (\$5,000) be made for the support of orchestral concerts at the University, this recommendation having been referred to this committee at the meeting of June 25, 1913, with power to act (page 264); and that the committee had authorized the president of the University to arrange for a series of concerts as recommended, and to expend not to exceed five thousand dollars (\$5,000) for this purpose.

The foregoing report from the Committee on Students' Welfare was received for record.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPROPRIATION FROM STUDENTS' HOSPITAL FUND FOR PORCH FURNITURE.

(1) A request from Mr. A. R. Warnock, Assistant Dean of Men, and Acting Chairman of the Committee on the Students' Hospital Association, for an appropriation of fifty dollars (\$50) from the Students' Hospital fund for the purchase of porch furniture for the porch recently built adjoining the students' ward at Burnham Hospital.

On motion of Mr. Blair, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### LEAVE OF ABSENCE FOR DEAN GOSS.

(2) A request from Dr. W. F. M. Goss, Dean of the College of Engineering, for a leave of absence from the University, without salary, for one year, beginning July 1, 1913, in order that he might be able to act as chief engineer to the Committee of the Chicago Association of Commerce which is investigating the question of smoke abatement and the electrification of railway terminals.

On motion of Mr. Trevett, it was voted that this request be granted.

#### PROPOSED BARBECUE FOR ILLINOIS CATTLE FEEDERS' ASSOCIATION.

(3) A request from Mr. H. W. Mumford, Professor of Animal Husbandry, for permission to furnish a picnic dinner and barbecue in connection with the convention of the Illinois Cattle Feeders' Association, which is to be held at the University on July 15, 1913, the expense of such a dinner and barbecue being estimated at four hundred dollars (\$400).

After full discussion, Mr. Hoit stated that in order to bring the matter to a vote he would move that an appropriation of five hundred dollars (\$500) be made for the entertainment of the Illinois Cattle Feeders' Convention. This motion was lost. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit; noes, Mr. Blair, Mrs. Busey, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### THE GENERAL QUESTION OF ENTERTAINMENT OF GUESTS.

On motion of Mrs. Henrotin, it was voted that the general question of the form of entertainment to be provided for guests of the University be referred to a special committee, to be appointed by the Chair, which should attempt to formulate some general rules for the guidance of the administration in this matter.

#### LABORATORY FEES IN ZOOLOGY.

(4) A recommendation from the Council of Administration that the fee of two dollars (\$2) now charged in Zoölogy 13 be omitted, for the reason that this course has now been made exclusively a lecture course; and a further recommendation that a fee of one dollars (\$1) per hours in each case be charged in Zoölogy 13a and Zoölogy 15a (laboratory courses).

On motion of Mrs. Busey, these recommendations of the Council of

Administration were approved.

#### THE GENERAL QUESTION OF STUDENT FEES.

On motion of Mr. Blair, it was voted that a special meeting be constituted, to consist of the President of the University, the President of the Board of Trustees, and one other member of the board, to be appointed by the Chair, to consider the subject of student fees and report to the board.

The board then took a recess until 1:15 P.M.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

#### REPORT OF THE COMMITTEE ON THE COLLEGE OF MEDICINE.

Dr. Montgomery, as Chairman of the Committee on the College of Medicine and the School of Pharmacy, reported that the committee had given thorough consideration to the recommendations submitted by the President of the University relating to the reorganization of the College of Medicine,

the re-opening of the College of Dentistry, and the appropriations necessary to be made for the support of these departments, and that the committee unanimously recommended the adoption by the board of the president's recommendations relating to these matters.

#### REORGANIZATION OF COLLEGE OF MEDICINE.

President James, then, at the request of Dr. Montgomery, presented his recommendations with reference to the College of Medicine as follows:

recommendations with reference to the College of Medicine as follows:

That the school be divided into two colleges, Junior and Senior, including respectively the freshman and sophomore years and the junior and senior years, corresponding roughly to what may be called the underlying scientific or laboratory departments on the one hand and the clinical departments on the other.

That a dean of the Senior College be appointed, with authority as hitherto under the statutes of the board, subject to such limitations as may be implied by the appointment of a dean of the Junior College, and with special authority over matters relating to the clinical years.

That a dean of the Junior College be appointed, who with the persons giving instruction in the freshman and sophomore years shall constitute the faculty of the Junior College, this faculty to be responsible for the work of instruction and administration of the first two years in the College; and that the instructors of professional rank in the Junior College shall constitute the Executive Faculty of the Junior College, and shall have entire control of recommendations for the promotion of students from the freshman to the sophomore class and from the sophomore to the junior class.

That the admission of students to the College of Medicine shall be in charge of the registrar of the University in exactly the same way as the admission of students to other departments is now in charge of this officer.

That the Clinical Faculty shall consist of the dean of the Senior College and the persons who give instruction in clinical work; and that the instructors of professional rank in the clinical departments shall constitute the Executive Faculty of the Senior College, and shall be entrusted with full power in regard to the promotion of students from the junior to the senior year and the recommendation of students for graduation.

That all matters of general interest to both Junior and Senior colleges shall

promotion of students from the junior to the senior year and the recommendation of students for graduation.

That all matters of general interest to both Junior and Senior colleges shall be discussed in meetings of the joint faculty, consisting of the faculties of both colleges; and that all recommendation in such matters shall be made by the combined executive faculties of the Junior and Senior colleges, under the chairmanship of the Dean of the Senior College.

That the following fundamental departments be organized as soon as possible in the Junior College, governing the subjects indicated in the titles, namely, anatomy, physiology, pathology.

That the other subjects in the Junior College shall be grouped for the present about these three subjects, in so far as is feasible and suitable; and that an experienced scholar and teacher shall be appointed as head of each of these departments, who shall be responsible in a general way for the organization and administration of each respective department; the other subjects falling properly within the scope of the Junior College to be organized under the charge of assistant or associate professors, though it will be desirable to create full professorships for physiological chemistry, bacteriology, hygiene and materia medica and therapeutics as soon as possible. as soon as possible.

On motion of Dr. Montgomery, it was voted that the recommendations of President James with reference to the College of Medicine be concurred in, and that he be authorized to proceed with the reorganization of the school, and that an appropriation be made for two years of one hundred thousand dollars (\$100,000) per annum plus the fees to be collected from the medical students. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Miss Watson; no, Mr. Trevett; present but not voting, Mrs. Busey, Mr. Moore; absent, Mr. Dunne, Mr. Meeker.

### REOPENING OF THE COLLEGE OF DENTISTRY.

President James, at the request of Dr. Montgomery, presented his recommendation with reference to the re-opening of the College of Dentistry as follows:

That the President of the University be authorized to proceed with the reorganization of the College of Dentistry and to make a definite announcement that this college will be reopened October 1, 1913, the condition of admission being graduation from a four-year high school or the equivalent.

It is estimated that for a salary list of fifteen thousand dollars (\$15,000) per annum for the specifically dental subjects (i.e., not including chemistry, physiology, etc., which would be carried on the medical budget) a satisfactory organization

could be secured of the departments of operative dentistry, prosthetic dentistry, oral surgery and pathology, bacteriology, materia medica and therapeutics, porcelain art, orthodontia and histology, comparative anatomy and anesthesia and physical diagnosis, and that this amount would provide also for the salaries of the superintendent of the Infirmary, the dean, and the office force. In addition to this it would be necessary to put in an equipment which would cost upward of twenty thousand dollars (\$20,000), aside from the ordinary painting, repairs, etc., of the Chemical Building.

It is estimated that there will be an attendance of seventy-five students for the next year, and a probable income of between eleven and twelve thousand.

dollars.

On motion of Dr. Montgomery, it was voted that the recommendations of President James with reference to the College of Dentistry be adopted, and that appropriations of twenty thousand (\$20,000) for equipment and fifteen thousand dollars (\$15,000) for salaries for the coming year be made, these appropriations to be chargeable against the appropriation made for the College of Medicine. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; no, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPROPRIATION FOR SUMMER SESSION, COLLEGE OF MEDICINE.

(1) A request that an appropriation of one thousand dollars (\$1,000) be made to defray the expenses of the summer session of the College of Medicine. On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; no, Mr. Trevett; absent, Mr. Dunne, Mr. Meeker.

#### STATEMENT CONCERNING OUTCOME OF LEGISLATIVE CAMPAIGN.

(2) A statement in regard to the outcome of the recent legislative campaign. This statement was received to be printed in the minutes:

I have received from the Governor's secretary an unofficial statement that the following items contained in the omnibus bill have all been approved by the Governor in his approval of the omnibus bill:

(a) An appropriation for the payment of the interest on the endowment fund of the University, sixty-four thousand dollars (\$64,000), more or less, for the

biennium.

(b) A special appropriation for additional investigations to be conducted by the Water Survey, twenty-one thousand five hundred dollars (\$21,500) per annum.

(c) An appropriation for mechanics' and miners' institutes, fifteen thousand dollars (\$15,000) per annum.

(c) An appropriation for mechanics' and miners' institutes, fifteen thousand dollars (\$15,000) per annum.

(d) Appropriations for the State Laboratory of Natural History, ten thousand dollars (\$10,000) per annum.

The bill has also been passed which provides for turning over to the University the federal funds which are appropriated by the Federal Government for the support of the land grant colleges.

This is, with a single exception a very satisfactory closing of the legislative campaign made on behalf of the University during the present session. A sum of four and a half millions of dollars, supposed to be practically the entire proceeds of the mill tax, was appropriated to the University in two items. The attempt which was made to place upon the proceeds of the mill tax the payment of interest on the endowment fund, the additional appropriation for the Water Survey, and the appropriations for the Geological Survey, the State Entomologist's office, the State Laboratory of Natural History, and the mechanics' and miners' institutes, was unsuccessful, so that under these heads a considerable sum of money was appropriated for doing work either under the direction of or closely associated with the University, for the direct benefit of the State at large.

The only drawback to complete success in the plans approved by the trustees was the change in the method of doing University business involved in leaving the funds appropriated from the proceeds of the mill tax in the State treasury until used, instead of transferring these funds when they become due and payable to the University treasurer and making payments through him. This change in the method of payment involves a considerable temporary loss in the 2 per cent interest which the University treasurer has contracted to pay on daily balances in his hands, and the further loss in some instances of the 2 per cent discount usually allowed for cash, since it is probable that the delays incident to payment through the State Treasurer's office will cost the Universit

#### PAYMENT OF INTEREST, COLLEGE OF MEDICINE LIABILITIES.

(3) A letter from Professor George E. Frazer, Comptroller, containing a report of the payment of interest falling due on July 1, 1913, on mortgages and bonds outstanding of the College of Physicians and Surgeons.

This letter was received to be printed in the minutes:

URBANA, ILL., July 1, 1913.

President Edmund J. James, University of Illinois.

Dear Sir: On June 27, 1913, I mailed College of Medicine warrants in payments in full of the interest falling due on July 1 on the mortgages and bonds outstanding of the College of Physicians and Surgeons.

Warrant No. 316 for nineteen hundred dollars (\$1,900) was sent to Mr. Louis E. Larsen, Secretary, Chicago Board of Education, in payment of the semi-annual interest on the mortgage notes executed by the College of Physicians and Surgeons to the Board of Education. The amount (\$1,900) represents 2½ per cent on the seventy-six thousand dollars (\$76,000) outstanding.

Warrant No. 317 for thirty-two hundred and seventy dollars (\$3,270) was mailed to Dr. Frank B. Earle, as trustee for the bondholders of the 6 per cent bond issue of 1901, College of Physicians and Surgeons.

Warrant No. 315 for eighteen hundred dollars (\$1,300) was mailed to the Chicago Savings Bank and Trust Co., as trustee of the bondholders of the 6 per cent bond issue of 1912, College of Physicians and Surgeons.

Doctor Earle and the Chicago Savings Bank and Trust Company are mentioned as trustees, respectively, in the bonds issued in 1901 and 1912.

Very truly yours,

Very truly yours, GEO. E. FRAZER, Comptroller.

#### EXTENSION OF MORTGAGE NOTE, COLLEGE OF MEDICINE.

(4) A letter from Professor George E. Frazer, Comptroller, containing a report of the effort made, pursuant to the instructions given by the Board of Trustees at the meeting of June 25, 1913 (page 269), to obtain from the Chicago Board of Education an extension of the mortgage note for ten thousand dollars (\$10,000) executed by the College of Physicians and Surgeons, which matured **J**uly 1, 1913.

This communication was received to be printed in the minutes:

This communication was received.

URBANA, ILL., July 1, 1913.

President Edmund J. James, University of Illinois.

Dear Sir: On June 27, 1913, an interview was held between Mr. Louis E. Larsen, Secretary of the Chicago Board of Education and President W. L. Abbott, Dean O. A. Harker, Doctor D. A. K. Steele, and myself, at the office of Mr. Larsen. The purpose of the interview was to request from the Board of Education an extension on a mortgage note for ten thousand dollars (\$10,000) executed by the College of Physicians and Surgeons, which matures July 1, 1913.

It was stated by Secretary Larsen that the Board of Education would make no effort to foreclose the mortgage in default of payment on July 1, provided that the University would undertake to pay the ten thousand dollars before November 1, 1913. Secretary Larsen desires a formal request from the Board of Trustees for an extension of this ten thousand dollar note to November 1, 1913.

It was strongly urged upon Secretary Larsen that the University desires an extension of the mortgage notes held by the Board of Education for at least two years. Mr. Larsen agreed to transmit such a request from the Board of Trustees to the Board of Education together with any statement that the University might wish to present as to why such an extension is desired.

Very truly yours,

Geo. E. Frazer, Comptroller.

#### PROFESSOR RICHARDS MADE ACTING DEAN OF THE COLLEGE OF ENGINEERING.

(5) A recommendation that Mr. C. R. Richards, Professor and Head of the Department of Mechanical Engineering, be appointed Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station, for the term of one year beginning July 1, 1913.

On motion of Mr. Blair, this recommendation was concurred in.

#### OPTION ON REINHART PROPERTY.

(6) A recommendation that the comptroller be authorized to pay six hundred dollars (\$600) for a sixty-day option to purchase, for seven thousand six hundred dollars (\$7,600), the ten acres known as the Reinhart tract, lying between First Street and the Illinois Central Railroad, immediately south of the Athletic Association grounds, the six hundred dollars (\$600) to apply on the purchase price if the option is exercised.

On motion of Mr. Hoit, this recommendation was approved, and the appropriation of six hundred dollars (\$600) involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs.

Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### THE QUESTION OF THE PURCHASE OF LAND.

(7) A recommendation that a special committee be appointed to consider the general question of the purchase of land, to which committee the various requests which come in relation to this matter may be referred.

On motion of Mrs. Busey, this question of the purchase of land was referred to the Finance Committee for consideration and report.

#### CELEBRATION OF FIFTIETH ANNIVERSARY.

(8) A recommendation that the President of the University be authorized to submit a plan for a fitting celebration in 1918 of the fiftieth anniversary of the opening of the University of Illinois.

On motion of Mr. Moore, this recommendation was approved.

#### ADDITIONAL STENOGRAPHER, COLLEGE OF MEDICINE.

- (9) A request from Mr. William H. Browne, Superintendent of the College of Medicine, for an additional stenographer in his office, at a salary of sixty dollars (\$60) a month; with a recommendation that the President of the University be authorized to make such an appointment, if, after examination of the situation, it seems to be advisable.
- On motion of Mrs. Evans, this recommendation was adopted. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; no, Mr. Trevett; absent, Mr. Dunne, Mr. Meeker.

#### UNIVERSITY PRESS.

(10) A recommendation that the President of the University be authorized to submit a plan for the organization of a department to be known as the University of Illinois Press, to take over as rapidly as may be convenient the printing and publishing of University publications.

On motion of Mr. Blair, this recommendation was concurred in.

#### DR. DAVID KINLEY APPOINTED VICE-PRESIDENT.

(11) A recommendation that Dr. David Kinley be appointed Vice-President of the University for one year beginning July 1, 1913.

On motion of Mrs. Evans, this recommendation was approved.

#### APPROPRIATION FOR EXPENSES OF CONVOCATIONS.

(12) A recommendation that the President of the University be authorized to invite a number of distinguished men to deliver addresses before the University convocations during the coming year, and that an appropriation of one thousand dollars (\$1,000) be made to defray the expenses of such addresses.

On motion of Mr. Blair, this recommendation was approved, and an appropriation of one thousand dollars was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### EXPENSE ACCOUNT OF LEGAL COUNSEL,

(13) A bill for the expenses of Juage O. A. Harker, Legal Counsel of the University on University business during the year 1912-13, amounting to one hundred two dollars and fifty-five cents (\$102.55).

On motion of Mr. Moore, this bill was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### APPROPRIATION FOR SUNDAY EVENING ADDRESSES.

(14) The following request from the pastors of the churches working near the University for cooperation in the holding of all University undenominational religious services, accompanies by a letter from Rev. E. W. Blakeman descriptive of the exercises of this kind held at the University of Wisconsin: President E. J. James, Urbana, Ill.

DEAR SIR: I am writing as the representative of the churches working about

the University.

the University.

It has seemed to us, after discussion, that an all-University religious service at certain stated times, participated in jointly by the University and the religious forces about the campus, is greatly to be desired. It would be of value to all concerned, we feel sure. We would be glad to have the University inaugurate such a service, bringing here speakers of national reputation—Jews, Catholics, and Protestants—men whom we can be sure will rise above sectarian speech. We suggest that one Sunday night each month during the heart of the school year be set apart for this purpose. We will gladly cooperate in any way that we can to make the plan a success, should it meet the approval of the University authorities.

Kansas University has a weekly vesper service of this sort, in addition to a religious week some time during the year—corresponding in the religious field somewhat to our Short Course in Agriculture here. The University of Minnesota is just inaugurating a weekly Sunday vesper service. The University of Wisconsin has rather an individual plan—the details of which are given in the enclosed letter from Mr. Blakeman, of Wisconsin, to Mr. Baker. Indeed the movement toward something of this character among the State institutions seems quite general,

Respectfully yours,
MARTIN E. ANDER
JAMES C. BAKER. ANDERSON,

10 March, 1913.

#### [REV. MR. BLAKEMAN'S LETTER.]

MADISON, Wis., January 24, 1913.

Rev. James C. Baker, D.D., Urbana, Ill.

DEAR BROTHER BAKER: The "Convocation Series" concerning which you make inquiry was brought about by the University Pastors' Association at the University

inquiry was brought about by the University Pastors' Association at the University of Wisconsin about as follows:

The pastors of the five denominations with the Christian Association secretaries form, with us, one group known as the University Pastors' Association. We called upon the President of the University and stated the advisability of having the students in an all-University assembly, addressed occasionally by great teachers, preachers, and reformers. We proposed that from a list of ten nominated by us, the president elect five. That each of the five be invited by the University, upon a consideration of \$1.00, to deliver a "Convocation Addresse," and then be retained by the Pastors' Association for a series of religious addresses over a week end. The President and the Regents of the University approved, and the plan works successfully.

week end. The President and the Regents of the University approved, and any plan works successfully.

Such men as Bishop McDowell, Hugh Black, President Vincent, Henry Van Dyke, Bishop McConnell, and Chancellor Strong have been with us. During the visit we usually have a luncheon to which members of the faculty only, with the pastors, are invited. At this time certain student moral and spiritual problems are discussed. These meetings have been as fruitful of suggestion as any it has been my privilege to attend. Different members of the faculty speak, and the guest is early made acquainted with the professors. He then feels at home in our midst and much freedom results.

Hoping that during future years we may at times exchange speakers with Illinois in some way, and wishing you continued success in the work of the church at Urbana-Champaign, I am

E. W. Blakeman.

On motion of Mrs. Busey, it was voted that the President of the University be authorized to organize a series of Sunday evening addresses by representatives of various religious denominations, and that an appropriation of one thousand dollars (\$1,000) be made to defray the expense of these addresses. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### DIRECTORY OF MATRICULANTS.

(15) A recommendation that the President of the University be authorized to issue a directory which shall include a list of all students who have attended the University since its opening in 1868, with information as to the period of residence, degree or degrees held, present occupation, and present address, of each person, with such other information as may be conveniently obtained and printed; the estimated cost of publication being sixty-five hundred dollars (\$6,500).

On motion of Mr. Hoit, this recommendation was approved, and the appropriation of sixty-five hundred dollars (\$6500) involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans,

Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

# APPROPRIATIONS FOR THREE MONTHS ON THE BASIS OF THE LAST BUDGET.

(16) A recommendation that appropriations be made on the basis of the appropriations to the last budget, adopted July 5, 1912, for the three months beginning July 1, 1913, or until a new budget shall have been submitted and approved.

On motion of Mrs. Busey, this recommendation was concurred in. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### PLANS FOR NEW BUILDINGS.

Prof. James M. White, Supervising Architect, presented plans for the addition to the Natural History Building (estimated cost, \$65,000) and the addition to the Chemical Laboratory (estimated cost, exclusive of furniture and equipment, \$235,000).

# AUTHORITY TO PROCEED WITH PLANS FOR THE ADDITION TO THE BOILER HOUSE.

President James presented a recommendation that the supervising architect be instructed to proceed with plans for the addition to the University boiler-house

On motion of Mr. Hoit, this recommendation was concurred in.

# PLANS FOR ADDITION TO THE CHEMICAL LABORATORY APPROVED.

President James recommended also that the plans submitted by the supervising architect for the addition to the Chemical Laboratory be approved in general, subject to such modifications as may be necessary, and that the supervising architect be directed to proceed with the detailed plans for this addition.

This recommendation was approved.

# AUTHORITY TO PROCEED WITH PLANS FOR THE CERAMICS BUILDING.

On motion of Mrs. Busey, it was voted that the supervising architect be instructed to proceed with plans for a Ceramics Building, to cost approximately sixty-five thousand dollars (\$65,000).

# AUTHORITY TO PROCEED WITH PLANS FOR THE COMPLETION OF THE NATURAL HISTORY BUILDING.

President James presented a recommendation that the general plan submitted by the supervising architect for the completion of the Natural History Building be approved, and that the supervising architect be directed to proceed with the detailed plans for this addition.

On motion of Mrs. Evans, this recommendation was approved.

At this point Mr. Moore withdrew.

#### RECOMMENDATIONS IN REGARD TO APPOINTMENTS.

President James presented recommendations that appointments be made as follows:

(1) Andrews, Orrel M., Artist in the Scientific Departments, for twelve months beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year.

(2) Bates, Stuart J., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month.
(3) Broderson, Henry J., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.
(4) Buchen, Walter, Assistant in English, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month.
(5) Burns, Josephine E., Instructor in Mathematics, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month.
(6) Corrubia, Angelo B. M., Instructor in Architecture, for ten months beginning September 1, 1913, at a salary of one hundred sixty dollars a month.
(7) Curl, M. J., Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month.
(8) Forsythe, James H., Instructor in Architecture, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month.
(9) Geyer, D. L., Assistant in Philosophy, on half time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month.
(10) Jones, E. S., Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.
(12) Schoepperle, Gertrude, Instructor in Botany, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.
(12) Schoepperle, Gertrude, Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$130) a month.
(13) Seymour, Lurene, Associate in Household Science, for one year beginning September 1, 1913, at a salary of one hundred ten dollars (\$1,800) for the year.
(14) Shepherd, Queen L., Instructor in Philosophy, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$100) a month.
(15) Smith, L. D., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred d

On motion of Mr. Blair, the foregoing recommendations were concurred in. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### AUTHORITY FOR APPOINTMENT OF DR. KINGSLEY.

President James presented also the following recommendation:

President James presented also the following recommendation:

That the President of the University be authorized to appoint Dr. John Sterling Kingsley, now of Tufts College, to be Professor of Zoölogy, at a salary of thirty-five hundred dollars (\$3,500) per annum, service and salary to begin September 1, 1913; further, that the sum of one thousand dollars (\$1,000) be appropriated for the purchase of special equipment in the field of zoölogy, to be selected by Professor Kingsley and approved by the President of the University; further, that the sum of one thousand dollars (\$1,000) be appropriated for the purchase of books for the Department of Zoölogy, to be selected by Professor Kingsley and approved by the President of the University; and further, that (subject to the necessity of assignment for other purposes) Room 317, Natural History Building, be assigned for the use of Professor Kingsley as an office and private study, and be provided with a roll top desk and desk chair, a laboratory desk, a table about 3½x6 feet, two chairs, a lavatory gas and air connections for the laboratory desk, and three sections of steel wall cases, at a total estimated cost of two hundred twenty-five dollars (\$225).

On motion of Dr. Montgomery, the foregoing recommendations were

On motion of Dr. Montgomery, the foregoing recommendations were concurred in, and the appropriations involved were made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent,

Mr. Dunne, Mr. Meeker, Mr. Moore.

The board adjourned.

W. L. Abbott, Président,

C. M. McConn, Secretary.

### Meeting of July 23, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning at 10 A.M., pursuant to the following notice which was sent out by the secretary on July 15, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning at 10:00 A.M., to consider such matters as the committees of the Board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett. Miss Watson. President James was present.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### BILL FROM UNIVERSITY TREASURER FOR OFFICE EXPENSES.

(1) A bill from Mr. M. W. Busey, Treasurer, for clerk hire and office expense for the period from April 1, 1913, to July 1, 1913, amounting to one hundred fifty dollars (\$150); it appears that the Board of Trustees has never thus far made an appropriation for this purpose, although there is a precedent for the payment of such office expenses of the University treasurer.

On motion of Mrs. Henrotin, the question of the payment of this bill was referred to the Finance Committee, with power to act; the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

#### PROPOSED EXHIBIT AT THE PANAMA-PACIFIC EXPOSITION.

(2) A request that the University of Illinois send an exhibit to the Panama-Pacific International Exposition to be held in San Francisco in 1915; with the recommendation that this request be referred to the supervising architect for a report as to the desirability of such an exhibit and an estimate of the cost. There being no objection, it was so ordered.

# PROPOSED INCREASE OF ENTRANCE REQUIREMENTS OF THE SCHOOL OF PHARMACY.

(3) The following letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy transmitting a recommendation of the Advisory Board of the School of Pharmacy that the entrance requirements of the school be gradually increased until the requirement of high school graduation is reached.

This letter was received to be printed in the minutes:

CHICAGO, ILL., July 3, 1913.

CHICAGO, ILL., July 3, 1913.

President Edmund J. James, University of Illinois, Urbana, Ill.

Dear Sir: The annual meeting of the Advisory Board to the School of Pharmacy was held on Friday, June 20. There were present Messrs. Herman Fry, E. H. Ladish, and A. G. C. Ackerman, and the secretary. The affairs of the school were discussed, and the following resolution was unanimously adopted:

"The Advisory Board recommends that the entrance requirements of the School of Pharmacy be increased gradually until high school graduation is reached. We recommend that due notice be given of such increase in requirements so as to permit drug clerks to prepare themselves accordingly."

Respectfully submitted

Respectfully submitted,

W. B. DAY, Secretary.

# APPOINTMENT TO THE ADVISORY BOARD OF THE SCHOOL OF PHARMACY.

(4) A letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy, reporting that the Illinois Pharmaceutical Association at its annual meeting held in Quincy, June 23-27, 1913, nominated the following five persons (whose names appear in the order of the number of votes received) for membership on the Advisory Board of the School of Pharmacy, of which number the trustees should appoint one to fill the vacancy on the Advisory Board caused by the expiration of the term of Mr. S. C. Yeomans on June 30, 1913:

George C. Lescher, Galesburg. Harry W. Schuh, Cairo. B. S. Cooban, Chicago. Joseph Hottinger, Chicago. H. C. Hulze, Chicago.

On motion of Mrs. Busey, it was voted that Mr. George C. Lescher, of Galesburg, be appointed to the Advisory Board of the School of Pharmacy to fill the vacancy resulting from the expiration of the term of Mr. S. C. Yeomans.

#### PETTY CASH FUNDS ESTABLISHED.

(5) The following letter from Professor George E. Frazer, Comptroller, concerning the establishment of certain petty cash funds:

URBANA, ILL., July 3, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: Your attention is respectfully called to the desirability of having definite sums set aside by the Board of Trustees as petty cash funds. Such action by the Board of Trustees will make possible clear-cut bookkeeping of cash receipts. The following petty cash fund appropriations are recommended:

300 00 600 00

It is recommended that the above petty cash fund appropriations be made with the understanding that they are to be administered by the comptroller.

Very truly yours,

GEO. E. FRAZER, Comptroller.

On motion of Mr. Moore, the foregoing recommendation of the comptroller's was approved, and appropriations were made to set aside petty cash funds as recommended. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett. Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

### REGULATIONS WITH RESPECT TO BILLS FOR TRAVELING EXPENSES.

(6) A recommendation based upon a request from Professor George E. Frazer, Comptroller, that the following rules be established with reference to the auditing and passing of vouchers for traveling expenses:

1. Itemized bills in the form prescribed by the comptroller shall be presented to the comptroller for payment within thirty days following the completion of the trip for which the expense was incurred. In the case of University employees whose duties require a large amount of traveling within the State, it shall be deemed sufficient if bills are presented monthly.

2. Traveling expense bills presented by members of the faculties of the several colleges, members of the Experiment Station saffs, and employees of the administration offices of the University, must be approved by the dean of the college, the director of the station, or the officer in charge of the administrative office, and endorsed by the comptroller.

3. Traveling expense bills for deans, directors and officers in charge of administrative departments must be approved by the President of the University and endorsed by the comptroller.

endorsed by the comptroller.

4. Traveling expense bills of the President of the University and of the members of the Board of Trustees must be approved by the Finance Committee of the board and endorsed by the comptroller.

On motion of Mrs. Henrotin, it was voted that the foregoing rules be adopted.

#### CONTRACT FOR COMPLETION OF THE ARMORY.

(7) A communication from the supervising architect in regard to the steel work necessary for the completion of the Armory, naming bids and recommending as follows:

#### BIDS.

Morava Construction Company, of Chicago	\$31,920	00
Kenwood Bridge Company, of Chicago	34,750	00
Hansell-Elcock Company, of Chicago	33,500	00

(These bids are all based on making the two end bays 30 feet each, and all in accordance with the original framing plans by Mr. J. M. Heuser, Engineer, with certain exceptions indicated in the bids. The State Architect is willing that this work go on under the immediate supervision of the supervising architect, owing to the fact that all plans, etc., were drawn by the preceding State Architect.

#### RECOMMENDATION.

That the offer made by the Morava Construction Company for completing the steel work of the end bays of the Armory, being the low bid, be accepted, and that the officers of the board be authorized to enter into a contract with the Morava Construction Company on the basis of this bid of thirty-one thousand nine hundred twenty dollars (\$31,920).

On motion of Mrs. Evans, the foregoing recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

#### IMPROVEMENTS IN M. E. SHOPS, APPROPRIATION ASKED.

(8) A request from Professor James M. White, Supervising Architect, for an appropriation of three thousand dollars (\$3,000) for improvements in the shops of the Department of Mechanical Engineering.

No action was taken with reference to this matter.

#### EXTENSION OF TIME ON THE FLORICULTURAL AND PLANT BREEDING BUILDINGS.

(9) A request from Messrs. English Brothers, Contractors, of Champaign, for an extension of time for the completion of their contract for the erection of the floriculture and plant breeding buildings from June 28, 1913, to September 1, 1913; with a recommendation from Professor J. M. White, Supervising Architect, that this request be granted.

On motion of Mr. Montgomery, it was voted to grant the request as recommended.

#### SYSTEM OF FRESHMAN ADVISERS; APPROPRIATIONS.

(10) The following request from Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, for an appropriation of eighteen hundred dollars (\$1,800) to carry out a system of freshman advisers; accompanied by the recommendation that the plan be tried as an experiment for the coming year: URBANA, ILL., July 9, 1913.

President E. J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: In compliance with your request some of the details of the system of advisers which we discussed last week are set forth in the following statement. The plan has been discussed also with Dean Clark and with Assistant Dean Warnock.

#### Advisers for Freshmen in the College of Liberal Arts and Sciences.

1. The system proposed is confined to the men of the freshman class for the

present.

2. It is in the nature of a supplement to the admirable work now carried on by the dean of men and to the formal relations necessarily arising from supervision of study lists, etc., which will be continued.

3. It contemplates the assignment of each male freshman to some member of the faculty for the purpose of establishing helpful, friendly, inspiring relations

3. It contemplates the assignment of each male freshman to some member of the faculty, for the purpose of establishing helpful, friendly, inspiring relations between them.

4. The selection of the members of the faculty will have to be made with extreme care to secure those who are at once mature, sympathetic, scholarly men, who can understand the student point of view, and who are willing to give some time and thought to bettering the present relations between the students and the faculty of the University. Not more than ten or twelve freshmen should be assigned to each adviser.

5. The method of assignment is as important to the success of the plan as is the selection of the advisers. It is hoped to reduce the number of assignments made in a purely arbitrary, perfunctory, or merely official manner by giving large consideration wherever possible to

a. Suggestions of secondary school teachers who know members of the faculty as well as the freshmen, especially teachers who are alumni of the University.

b. Suggestions of members of the family and friends of the freshman, especially

brothers or sisters who have attended the University.

c. Preferences of the student based on fortunate experiences of his intimates in the University.

d. Preferences of the advisers themselves for certain students whom they know

or whose families they know.

e. Special assignments would probably reach 60 per cent.
6. These suggestions and preferences should be obtained through organized correspondence, which in itself would evidence the increasing interest of the University in the individual welfare of the incoming student as well as its pur-

Correspondence, which in itself would evidence the increasing interest of the incoming student as well as its purpose to instruct and guide him in matters academic.

7. While some of the heads of large departments have signified their desire to cooperate in this scheme, the larger number selected will naturally be from among those of the rank of assistant professor, associate, and instructor. These are men on moderate salaries; there will probably be some expense connected with cultivating the desired relationship; the service will be over and above that which has hitherto been expected of instructors. Furthermore, it is desirable to emphasize the special rather than the incidental nature of this service, and at the same time to secure a little special leverage on the advisers.

8. A payment of \$50 to each of the advisers is accordingly suggested, such payment to be made in two installments, one at the end of each semester.

9. Occasional conferences of advisers would be a means of coordinating their efforts and comparing notes on the working of the system.

The total number of men in the freshman class of the College of Liberal Arts and Sciences will probably be about 420. This would seem to require some thirty-five advisers. I request, therefore, that the sum of \$1,800 be appropriated for this experiment in "humanizing the machine" during the coming year.

Respectfully yours,

Respectfully yours,

Dean of the College of Liberal Arts and Sciences.

Mrs. Henrotin moved that the recommendation that the plan be tried

Mrs. Henrotin moved that the recommendation that the plan be tried as an experiment for the coming year be approved and that an appropriation of eighteen hundred dollars (\$1800) be made for this purpose.

Mr. Moore moved to amend this motion to provide that the recommendation and the proposed appropriation be referred to the Committee on Stu-

dents' Welfare, with power to act.

The amendment was passed, and the motion as amended was passed, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

# LETTERS FROM EDUCATORS WITH REFERENCE TO THE SCHOOL OF EDUCATION BUILDING.

(10) Letters from President John W. Cook, of the Northern Illinois State Normal School at DeKalb, President L. C. Lord, of the Eastern Illinois State Normal School at Charleston, President W. P. Morgan, of the Western Illinois State Normal School at Macomb, Principal J. Stanley Brown, of the Joliet Township High School, and Superintendent J. G. Moore, of Streator, urging that the Board of Trustees proceed at once with the erection of a special building for the School of Education.

These letters were received to be filed.

# STATEMENT WITH REFERENCE TO THE FEASIBILITY OF HOUSING THE SCHOOL OF PHARMACY IN THE DENTAL COLLEGE BUILDING.

(12) A communication from Mr. W. B. Day, Acting Dean of the School of Pharmacy, and Dr. Frederick B. Moorehead, stating that in their opinion there is sufficient space in the old Dental College Building at the corner of Honore and Harrison streets to house the School of Pharmacy and the College of Dentistry in a satisfactory manner, provided the space can be properly distributed.

This statement was received for record.

At this point, on motion of Mrs. Henrotin, a recess was taken until 2:15 р.м.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

#### RULE IN REGARD TO THE NON-EMPLOYMENT OF RELATIVES REPEALED.

Reports of committees being called for, Dr. Montgomery, as chairman of the special committee authorized at the meeting of June 25, 1913 (page 272) to consider proposed revisions of the rule in regard to the nonemployment of relatives, presented the following report:

CHICAGO, June 23, 1913.

To the Board of Trustees of the University of Illinois:

At a meeting of the special committee appointed to recommend modifications of the existing board rules on the employment of relatives of members of the board or of the faculty, the attached resolution was presented by Dr. Montgomery and or of the faculty, the attached resolution was presented on motion was adopted for recommendation to the board.

J. T. Montgomery

ELLEN M. HENROTIN.

#### RESOLUTION.

Whereas, It has been strongly urged upon the attention of the Board of Trustees of the University of Illinois that the rigid enforcement of the present rule concerning the appointment of relatives of the University staff to positions under the board may at times work serious injury to the University by excluding from its staff men of unusual distinction and merit or men especially well qualified for some particular piece of work in teaching, investigation, or administration.

The existing rule reading as follows: (a) In the opinion of the board, all University positions should be kept upon the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness. (b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. The appointment of a relative of a member of the board, or of any other person occupying an influential position in the University, is wholly disapproved. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The president and other officers of the University are to feel fully assured that the trustees will heartily support them in acting upon this principle; therefore, be it

\*Resolved\*, That that portion of the rule referring to relatives be eliminated

Resolved, That that portion of the rule referring to relatives be eliminated from the rule, as well as all constructions of this rule which have been made by the board since the rule was adopted up to the present time, and that the following rule be substituted for it and read as follows:

(a) In the opinion of the board all University positions should be kept on the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness.

(b) The board storms with its stormage is a special fitness.

(b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The President and other officers of the University are to feel fully assured that the trustees will heartly support them in acting upon this participle. principle.

Dr. Montgomery moved the adoption of the foregoing resolution.

President Abbott, the third member of the special committee, having asked Mr. Moore to take the chair, presented the following recommendation as a minority report and moved its adoption as a substitute for the report presented by the majority of the committee.

That the existing rules be modified so that they will not exclude members of the faculty who marry relatives of other members of the faculty.

When, after further discussion, the vote was taken, the motion to substitute the minority report for the report presented by the majority of the special committee was lost, the vote being as follows: Ayes, Mr. Abbott, Mrs. Evans; noes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

The report of the majority of the special committee as presented by Dr. Montgomery was then adopted, the vote being as follows: Ayes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

At this point Mr. Abbott resumed the chair.

President James asked permission to have it recorded in the minutes that the President of the University, while favoring the modification proposed in his previous recommendation, had opposed the total repeal of the rule with respect to the non-employment of relatives.

### TREASURER'S REPORT.

Mr. Moore, as Chairman of the Finance Committee, presented the report of Mr. M. W. Busey, Treasurer, for the quarter ending June 30, 1913, which was received for record:

M. W. Busey, Treasurer, in Account with the University of Illinois, June 30, 1913.

1916	٥.	Dn.	
April	7.	Received from H. A. Haugan, ex-Treasurer	\$818,198 57
	25.	Received from collections, Snyder fund, note and interest, Grant Johnson	\$ 113 75
	28.	Received from O. E. Staples, Chief Clerk, for credit of	1.463 00
	28.	Received from O. E. Staples. Chief Clerk, for credit of	14,673 45
	30.	general fund  Received from collection, Snyder fund, note and interest, F. Howard Swits	135 18
	30.	Received from O. E. Staples, Chief Clerk, for credit of	1,250 42
	17.		7,052 19
	23.	Received from Jos. S. Tomlinson, Actuary, for credit of College of Medicine fund	1,037 49
	24.	Received from the Treasurer of the United States, for credit of the Agricultural Experiment Station fund  Received from Jos. S. Tomlinson, Actuary, for credit of College of Medicine fund  Received from W. B. Day, Actuary, for credit of School of Pharmacy fund  Received from O. E. Staples, Chief Clerk, for credit of general fund  Received from collection, Snydon fund, note and interest	358 97
May	2.	Received from O. E. Staples, Chief Clerk, for credit of	26 44
	2.	received from confection, phyder rund, note and interest,	150 00
	6.	Received from O. E. Staples Chief Clerk for credit of	4,602 75
	6. 8.	general fund	10 00
	8.	general fund	363 40
	9.	general fund	954 30
	12.	general fund	619 92
	14.	general fund	245 32
	15.	general fund	1,276 72
	20.	general fund	1,052 47
	20.	Anderson	164 50
	21.	general fund	1,592 70
	22.	general fund	3,058 79
		general fund	3,741 56
	31.	general fund	518 74
	2.	general fund	1,381 13
	2.	Received from J. S. Tomlinson, Actuary, for credit of	155 00
	12.	College of Medicine fund	1,015 57
	16.	Received from I S Tomlinson Actuary for credit of	954 85
	1.	College of Medicine fund	201 70
	9.	Received from W. B. Day, Actuary, for credit of School	26 46
	16.	Received from W. B. Day. Actuary, for credit of School	1 69
	22.	Received from W. B. Day, Actuary, for credit of School	5 00
	31.	Received from W. B. Day. Actuary, for credit of School	5 00
June	2.	of Pharmacy fund	11 04
	3.	Received from O. E. Staples. Chief Clerk, for credit of	1,157 21
	5.	general fund	832 45
		general fund	2,152 38

1913.

#### TREASURER'S REPORT-Concluded.

		Dr.		
$\mathbf{J}$ une	7.	Received from O. E. Staples, Chief Clerk, for credit of general fund	\$ 635	89
	9.	Received from O. E. Staples, Chief Clerk, for credit of	•	
`	10.	general fund	363	56
	12.	general fund	249	53
		general fund	2,430	60
	17.	Received from O. E. Staples, Chief Clerk, for credit of general fund	6,471	18
	17.	general fund O. E. Staples, Chief Clerk, for credit of	2,809	25
	18,	general fund	,	
	21.	general fund	2,846	49
	26.	general fund	1,133	35
		general fund	1,026	96
	27.	Received from O. E. Staples, Chief Clerk, for credit of	660	18
	28.	general fund		
	30.	general fund	671	06
	4.	Agricultural Experiment Station fund	826	26
		College of Medicine fund	155	00
	4.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	1.376	60
	16.	Received from J. S. Tomlinson, Actuary, for credit of	,	
	18.	College of Medicine fund	1,757	
	20.	Received from J. S. Tomlirson, Actuary, for credit of College of Medicine fund	564	85
		Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	496	00
	28.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund	391	29
	10.	Received from W. B. Day, Actuary, for credit of School	26	10
	24.	of Pharmacy fund	40	
		of Pharmacy fund	15	00
			\$ 73,901	57
1			\$892,100	14
<b>J</b> une	30.	Cr. By amount paid out of general fund, as per		
		lists of warrants herewith		
	30.	By amount paid out of Agricultural Experiment Station fund, as per lists of warrants herewith 7,447 80		
	30.	By amount paid out of College of Medicine fund, as per lists of warrants herewith 15,724 07		
	30.	By amount paid out of School of Pharmacy		
		fund, as per list of warrants herewith 4,255 13	\$466,552	03
Balanc	ces-			
Ag	grici	al fund\$409,550 14 ultural_Experiment_Station fund		
Co Sc	olleg	e of Medicine fund		
20			425,548	11
			\$892,100	14
		Respectfully submitted, M. W. Busey.	Treasurer	
		M. W. DUSEI,	110000167	•

### REPORT OF THE FINANCE COMMITTEE IN REGARD TO THE PURCHASE OF LAND.

Mr. Moore, as Chairman of the Finance Committee, presented the following report and recommendation with reference to the purchase of land:

The Finance Committee begs to report that they have not had sufficient time to examine all of the options and proposed tracts of land, nor to consult with the President of the University and the heads of departments.

Your committee advises, however, that, in view of the liberal appropriation for buildings and land purchases, the board should set aside from the amount \$400,000 for the biennium exclusively for land purchase, to provide for the present and partially for the future needs of the University.

We further recommend that, in view of the expiration of the option on the 160 acres of land known as the "Busey tract" on August 1, at \$1,000 per acre,

which option cannot be renewed, and the desirability of owning the 160 acres adjoining the Busey tract on the south, the option price of same being \$600 per acre, the sum of \$256,000 be appropriated at this meeting for the purchase of these tracts, and that the officers of the board be authorized and instructed to purchase these properties for the University at once.

For the consideration of the other tracts, we ask for further time.

ALLEN F. MOORE, J. R. TREVETT,

Mrs. Busey moved that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee to be purchased, and that the committee be given further time for the consideration of other proposed tracts.

President James presented again a recommendation offered at a previous meeting of the board that the board should provide for a special committee, of which the Governor of the State should be a member, to pass upon the question whether the price proposed for these properties is a reasonable price which the Board of Trustees ought to pay, calling attention to the fact that the so-called "options" were nothing more than offers of the property by the owners at the stated prices, and also urging that putting so much money into land at the present time would seriously embarrass the regular budget for operating expense and the program for the building and equipment.

Mrs. Evans moved that the consideration of Mrs. Busey's motion be deferred until the President of the University shall have presented the salary and buildings budgets.

A roll call was asked for on this motion to defer consideration, which was passed by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Miss Watson; noes, Mrs. Busey, Mr. Montgomery, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

# DR. MOOREHEAD HEARD WITH REFERENCE TO THE TIME FOR OPENING THE COLLEGE OF DENTISTRY.

At this point Dr. Frederick B. Moorehead was introduced and made a brief statement with reference to the question whether the re-opening of the College of Dentistry should take place October 1, 1913, or should be deferred until October, 1914. Dr. Moorehead stated that, all things considered, it was his opinion that the college should be re-opened October 1, 1913.

#### SALARY BUDGET.

President James then presented the salary budget of the University for the academic year 1913-1914 as follows:

Note.—All appointments date from September 1, 1913, unless otherwise explicitly noted; "Indef."—On indefinite tenure, "C. S."—Civil Service appointment.

#### ADMINISTRATIVE OFFICES.

Office of the President.		
Edmund J. James, President (March 11, 1913-March 9, 1915) Edward J. Filbey, Private Secretary to the President (12 months) James H. Kelley, Executive Clerk (C. S.)	\$12,000 2,200 2,200	00
(C. S.)  Anna L. Shepard, Stenographer (C. S.)  Albert R. Lee, Clerk (C. S.)	$1,200 \\ 1,200 \\ 1,200$	00
Total	\$20,000	00
Business Office.		
George E. Frazer, Professor of Public Accounting and comptroller (January 13, 1913-January 12, 1916).  Lynn E. Knorr, Assistant Comptroller (C. S.). Oren E. Staples, Bursar (C. S.).  Nathaniel Hay, Purchasing Agent (C. S.).  Marsh E. Thompson, Clerk to Bursar (C. S.).  Lloyd Morey, Auditor (C. S.).  Maude E. Meneley, Stenographer (C. S.).  Helen I. Buckler, Stenographer (C. S.).  Alfred Steitz, Stores Clerk (C. S.).  Stenographer, vice Strom (C. S.).	*3,786 1,800 1,800 2,000 1,080 1,500 600 600 1,020 1,020	00 00 00 00 00 00

<sup>\* \$3,600</sup> per annum to January 13, 1914; \$4,000 after January 13, 1914

Business Office—Concluded.	a 400	00
Student help	$\begin{array}{c} \$ & 420 \\ 1,020 \end{array}$	
	900	00
, Messenger and Denvery Boy (C. S.)	400	00
Total	\$17,946	45
Office of the Registrar.		
Charles M. McConn, Registrar (C. S.; new salary from July 1,	0.000	0.0
1913) Harrison E. Cunningham, Assistant Registrar (C. S.)	$\frac{3,000}{2,000}$	
Levi A. Boice, Recorder (C. S.)	1,500	00
George P. Tuttle General Assistant (C.S.)	$1,500 \\ 1,200$	0.0
Tabitha J. Broadhurst, Record Clerk (C. S.)	900	00
Gertrude E. Johnson, Stenographer (C. S.)	900 720 660	00
Harrison E. Cunningham, Assistant Registrar (C. S.) Levi A. Boice, Recorder (C. S.) Ira M. Smith, Chief Clerk (C. S.). George P. Tuttle, General Assistant (C. S.) Tabitha J. Broadhurst, Record Clerk (C. S.) Adelle C. Smith, Stenographer (C. S.). Gertrude E. Johnson, Stenographer (C. S.) Allie B. Lamb, Filing Clerk (C. S.).	660	00
Total	\$12,140	00
Office of the Dean of Men.		,
Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year)—salary under the English Department. Arthur R. Warnock, Assistant Dean of Men (12 months) Elmer E. Fiero, Clerk (12 months)		
Men (1 year)—salary under the English Department.	\$1,800	00
Elmer E. Fiero, Clerk (12 months)	600	00
Olive F. Saxton, Stenographer (12 months)	1,080	00
Total	\$3,480	00
Office of the Dean of Women.		
	2,000	00
August 1 1912) Assistant Dean of Women (12 months, beginning	600	00
———, Dean of Women, vice Mary E. Fawcett (1 year) August 1, 1913) Lillian Strong, Stenographer (12 months)	600	ŏŏ
Total	\$3,2000	0
Office of the High School Visitor.		
Horace A. Hollister, Professor of Education (Indef.) and High		
School Visitor (12 months)	3,250	
Winifred L. Amos, Stenographer (C. S.)	$\frac{2,000}{900}$	
Total	\$6,150	00
Office of the Supervising Architect.		
James M White Professor of Architectural Engineering (Indef)		
and Supervising Architect (1 year)	5,000	00
and Supervising Architect (1 year)  Henry D. Oberdorfer, Assistant to the Supervising Architect (C. S.; new salary from August 1, 1913)  Lockwood J. Towne, Superintendent of Construction (C. S.)	2,500	0Ò
Lockwood J. Towne, Superintendent of Construction (C. S.)	2,100	00
Harry Y. Carson, Assistant in Architectural Engineering, Superintendent of Construction (3 months from July 1, 1913)	375	00
Ralph L. Kelley, Draftsman (12 months)	1,200	00
Elizabeth C. Peel. Stenographer (C. S.)	$\frac{1,500}{900}$	00
Ralph L. Kelley, Draftsman (12 months)  George E. Wright, Draftsman (C. S., temp.)  Elizabeth C. Peel, Stenographer (C. S.)  Lecturer on the Installation and Operation of Mechanical Equipment for Buildings and Assistant Mechanical Engineer (Lycopy)		
Engineer (1 year)	3,000	00
Joseph A. Morrow, Superintendent of Buildings (C. S.)	2,000	00
Thomas J. Showers, Carpenter Foreman (C. S.)	2,000 1,700 1,500 1,440	00
Engineer (1 year)  Joseph A. Morrow, Superintendent of Buildings (C. S.)  Evelyn C. Atkinson, Superintendent of Grounds (C. S.)  Thomas J. Showers, Carpenter Foreman (C. S.)  Chas. Havens, Foreman, Steamfitters (C. S.)	$\frac{1,440}{1,320}$	00
morris marphy, Poleman, Diectricians (O. B.)	<u>-</u> -	
Total	\$24,535	00
COLLEGE OF LIBERAL ARTS AND SCIENCES.		
Office of the Dean.		
Kendric C. Babcock, Dean (Indef.)	\$5,000	00
Assistant Dean (1 year)	* 250	
Agnes McGurty, Clerk (C. S.)	1,000 840	
George H. Meyer, Assistant Professor of German (Indef.) and Assistant Dean (1 year) Agnes McGurty, Clerk (C. S.) Mabel Griffith, Record Clerk (C. S.) Jennie Mathers, Stenographer (C. S.)	600	00
	\$7,690	00
* Ag assistant Doon; for colory as Assistant Professor of Garman, see under the Garma		

<sup>\*</sup> As assistant Dean; for salary as Assistant Professor of German, see under the German department

Art and Design.		
, Professor of the History of Art	\$4,000 2,250	0.0
Charles F. Kelley, Associate (2 years from September 1, 1913)	1,800 1,300	00
Mary M. Wetmore, Instructor (10 months)	1,500	
Total	\$10,850	00
Classics.	1	
Herbert J. Barton, Professor of the Latin Language and Liter- ature (Indef.) and Chairman of the Department (1 year) Charles M. Moss, Professor of the Greek Language and Liter-	3,500	00
Charles M. Moss, Professor of the Greek Language and Liter- ature (Indef.)	3,000	00
ature (Indef.) William A. Oldfather, Associate Professor (Indef.) Arthur S. Pease, Associate Professor (Indef.) and Curator of the	3,000	00
Classical Museum (1 year)	3,000	00
1, 1913)	2,500	00
Total	\$15,000	00
Education.		
William C. Bagley, Professor (Indef.) and Director of the School of Education (1 year)	5,000	00
Lotus D. Coffman, Professor (Indef.)	3,500 3,500	00 00
Lewis F. Anderson, Assistant Professor (3 years from September 1, 1912)	2,750	
Wilford S. Miller, Assistant and Secretary of the School of Educa-	1,800	
tion (12 months)  Charles L. Harlan, Assistant, on half time (10 months)  Assistant, on half time (10 months)	500 500	00
Total		
	ψ11,000	00
English.  Raymond M. Alden, Professor (Indef.) and Chairman of the Department (1 year)		
Department (1 year)	$\frac{4,500}{3,250}$	
Daniel K. Dodge, Professor (Indef.) Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year)	5,000	00
Stuart P. Sherman, Professor (Indef.)	3,700	00
Men (1 year)  Stuart P. Sherman, Professor (Indef.)  Edward Fulton, Associate Professor (Indef.)  Edward C. Baldwin, Assistant Professor (Indef.)  Harry G. Paul, Assistant Professor (Indef.)  Franklin W. Scott, Assistant Professor (3 years from September 1 1912) and Secretary of the Department (1 year)	2,100 2,100 2,500	00
Franklin W. Scott, Assistant Professor (3 years from September	2,500	
Harrie S. V. Jones, Assistant Professor (3 years from September	2,100	
1, 1912)	2,200 1 500	00
Jacob Zeitlin, Associate (2 years from September 1, 1912)	1,600 1,400	00
Clarence V. Boyer, Instructor (10 months) Herbert L. Creek, Instructor (10 months) Charles H. Woolbert, Associate in Public Speaking and English,	1,400	
Charles H. Woolbert, Associate in Public Speaking and English, vice Ketcham (2 years from September 1, 1913)  John C. Jordan, Instructor (10 months)  Martha J. Kyle, Instructor (10 months)  Arthur J. Tieje, Instructor (10 months)  Gertrude Schoepperle, Instructor (10 months)  George F. Wicher, Instructor, vice Painter (10 months)  Clarissa Rinaker, Instructor, vice Collins (10 months)  Walter A. Buchen, Assistant (10 months)  Thomas G. Goodwin, Assistant (10 months)  Alta Gwinn Assistant (10 months)	2,000	
Martha J. Kyle, Instructor (10 months)	$^{1,000}_{1,300}$	0.0
Arthur J. Tieje, Instructor (10 months)	1,200 1,300 1,100	00
George F. Wicher, Instructor, vice Painter (10 months)	1,100	00
Walter A. Buchen, Assistant (10 months)	$1,100 \\ 1,500$	00
Thomas G. Goodwin, Assistant (10 months)	1,000 900	00
Alta Gwinn, Assistant (10 months) Sada A. Harbarger, Assistant (10 months)	1,000	00
Ruth Kelso, Assistant (10 months)  Emerson G. Sutcliffe, Assistant (10 months)  Thomas B. Stanley, Assistant, on half time, vice Hollinshead	$1,000 \\ 1,000$	
Thomas B. Stanley, Assistant, on half time, vice Hollinshead	500	00
(10 months)  Easley S. Jones, Instructor, vice Hill (10 months)  Lew R. Sarett, Assistant (10 months)	$1,200 \\ 1,000$	00
Marion C. Landee, Assistant, on half time (10 months.) (See also		
Harrison McJohnston, Assistant (10 months)	$\substack{\textbf{450} \\ \textbf{1,200}}$	00
Lew K. Sarett, Assistant (10 months)	$\frac{1,400}{2,500}$	
Tutor in Literature (10 months)	500	00
Tutor in Literature (10 months), Tutor in Literature (10 months)	500 500	
Total	\$58,800	00
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German.		
Julius Goebel, Professor (2 years from September 1, 1912) Otto E. Lessing, Professor (Indef.)	\$3,750 3,500	00
George H. Meyer, Assistant Professor (Indef.) and Assistant	*2,500	
Dean of the College of Liberal Arts and Sciences (1 year)  Neil C. Brooks, Assistant Professor (Indef.) and Curator of the	•	
George T. Flom, Associate Professor of Scandinavian (Indef.)	$\frac{2,500}{2,800}$	00
Leonard Bloomfield, Assistant Professor of Comparative Philology		
and German (3 years from September 1, 1913)—on leave, without salary, 1913-14	2,500	00
Assistant Professor  Charles M. Poor, Instructor (10 months) Charles A. Williams, Instructor (10 months)  Armin H. Koller, Instructor (10 months)  Adolph E: Zucker, Assistant, on half time, vice Blaisdell (10 months)	1,500	00
Charles A. Williams, Instructor (10 months)	$^{1,500}_{1,300}$	
Adolph E. Zucker, Assistant, on half time, vice Blaisdell (10 months	500	00
Philip S. Barto, Instructor (10 months)  ———————————————————————————————————	500 1,000 1,200 500	00
Felix E. Held, Assistant, on half time (10 months)	500	ŎŎ
Felix E. Held, Assistant, on half time (10 months), Assistant, on half time, vice Blaisdell (10 months)		
Total	\$25,550	00
History.  Evarts B. Greene Professor (Indef.)	5,000	00
Evarts B. Greene, Professor (Indef.)  Laurence M. Larson, Professor (Indef.)  Clarence W. Alvord, Professor, on half time (Indef.)	3,000 1,750	00
Albert H. Lybyer, Associate Professor, vice Ford (Indef.)	2,800 2,500	00
Albert H. Lybyer, Associate Professor, vice Ford (Indef.)		
September 1, 1913) Solon J. Buck, Associate (2 years from September 1, 1913) Arthur C. Cole, Instructor (10 months) Elizabeth P. Brush, Assistant (10 months)	$\frac{2,500}{1,800}$	00
Arthur C. Cole, Instructor (10 months)	1,500 900	00
Total	\$21,750	
	φ21,100	00
Philosophy.  Arthur H. Daniels, Professor (Indef.)	3,500	00
Boyd H. Bode, Professor (Indef.)	3,500 1,100	00
Denton L. Geyer, Assistant (10 months)	500	00
Total	\$8,600	00
Political Science.		
James W. Garner, Professor (Indef.)	4,000	
year 1913-14) (Indef.)	†1,750	00
1911)	2,300 1,800	00
John M. Mathews, Associate (2 years from September 1, 1913)——, Assistant, on half time (10 months)	500	00
Total	\$10,350	00
Psychology.		•
Madison Bentley, Professor (Indef.)	$\frac{3,250}{2,000}$	00
Arthur H. Sutherland, Associate (1 year)	1,800 1,000 900	00
	900	00
-		
Total	\$9,550	vv
Professor and Chairman of the Department	4,000	
Thomas E. Oliver, Professor (Indef.)	3,000	
(Indef.) John D. FitzGerald, Assistant Professor (Indef.) Jean B. Beck, Assistant Professor (3 years from September 1,	$\frac{1,350}{2,700}$	00
	2,000	
David S. Blondheim, Assistant Professor (3 years from September	_,000	- •
1, 1913, at \$2,000 per annum), on leave, without pay, 1913-1914. Arthur R. Seymour, Associate (2 years from September 1, 1913)	0.000	00
and Adviser to Foreign Students (1 year)	$\frac{2,000}{1,200}$	00
John R. Schulfers, Assistant, vice Ditchy (10 months)	800 900	00

<sup>\*</sup> As Assistant Professor: for additional salary as Assistant Dean, see under office of the Dean. † Salary for half year; proposed annual salary \$3,500.

Romance Languages—Concluded.		
Joseph Eppels, Assistant (10 months) Leslie M. Turner, Associate (2 years from September 1, 1913)	\$ 900 1,800	00
Total	\$20,650	00
Sociology.		
Edward C. Hayes, Professor (Indef.)Arthur J. Todd, Associate (2 years from September 1, 1912)	3,300 1,700	
Total	\$5,000	00
Courses in Commerce.		
David Kinley, Dean of the Graduate School (1 year), Director of the Courses in Business Administration (1 year), and Professor of Economics (Indef.)—salary under the Graduate School.  Nathan A. Weston, Assistant Director of Courses in Business Administration (1 year) and Assistant Professor of Economics		
Maurice H Pohinson Professor of Industry and Transportation	3,000	00
(Indef.)	3,000	00
(Indef.) Ernest R. Dewsnup, Professor of Railway Administration (Indef.) Ernest L. Bogart, Professor of Economics (Indef.) George E. Frazer, Professor of Public Accounting and Comptroller (January 13, 1913-January 12, 1916)—see under Office of the	3,000 3,500	00
Comptroller	2,500	00
Simon Litman, Assistant Professor of Economics (Indef.)  ——————————————————————————————	4,000	
Organization  John G. Thompson, Instructor in Economics (10 months)	2,500	00
John G. Thompson, Instructor in Economics (10 months) Instructor in Economics, on half time (10 months).	1,800 700	00
	400	00
, Assistant in Commercial Law (10 months)	400 900	
, Stenographer (C. S.)  Tentative Budget for New Positions.  new Director of Courses in Business Administra-		
tion	4,500	00
and Statistics	3,000	00
Professor of Agricultural Economics	3,500	00
Total	\$36,700	00
Astronomy.		
Joel Stebbins, Professor (Indef.). Frank W. Reed, Instructor (10 months)	3,500 1,400 300	00
Student assistance	100	-00
Total	\$5,300	00
Bacteriology. Otto Bahn Assistant Professor (2 wages from Sentember 1, 1912)	2,700	00
Otto Rahn, Assistant Professor (3 years from September 1, 1913) Clyde R. Newell, Assistant (10 months)	850	00
Lawrence V. Burton, Assistant (10 months)	$600 \\ 150$	
Total	4,300	vu
Botany. William Trelease, Professor (Indef.)	5,000	00
William Trelease, Professor (Indef.).  Charles F. Hottes, Professor of Plant Physiology (Indef.).  Associate, vice Barrett Stella M. Hague, Instructor (10 months).  Walter B. McDougall, Instructor, vice Allee (10 months) Rosalie M. Parr, Assistant (10 months) John H. Whitten, Assistant (10 months)  Ernest M. R. Lamkey, Assistant, vice Atwell (10 months)  Beed O Brigham Assistant (10 months)	3,000	00
Stella M. Hague, Instructor (10 months)	1,600 900	00
Walter B. McDougall, Instructor, vice Allee (10 months)	$\frac{1,200}{800}$	00
John H. Whitten, Assistant (10 months)	600 600	ÕÕ
Ernest M. R. Lamkey, Assistant, vice Atwell (10 months)  Reed O Brigham, Assistant (10 months)	600 600	
Reed O. Brigham, Assistant (10 months)	600	00
Henry D. Waggoner, Assistant (10 months)	600 300	
, Graduate Assistant (10 months)	300 600	00
Stenographic assistance	400	
Total	\$17,100	00
Chemistry.		
William A. Noyes, Professor and Director of the Chemical Laboratory (Indef.)	5,000	00
Samuel W. Parr, Professor of Applied Chemistry (Indef.)	4,000	

# Chemistry-Concluded.

emistry—Concluded.		
Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director of the State Water Survey (1 year)—salary under State Water Survey.		
Clarence W. Balke, Professor of Inorganic Chemistry (Indef.) Edward W. Washburn, Professor of Physical Chemistry (Indef.) David F. McFarland, Assistant Professor and First Assistant in	\$3,000 <b>00</b> 3,500 <b>00</b>	
Chemistry in the Engineering Experiment Station (1 year)—salary \$2,200, paid from Engineering and State Geological Survey funds—see under Engineering Experiment Station.  George M. Smith, Assistant Professor (2 years from September		
1, 1913) Clarence G. Derick, Assistant Professor (2 years from September	2,000 00	
1, 1913) Henry C. P. Weber, Assistant Professor (2 years from September	2,000 00	
1, 1913)	2,000 00	
1, 1913) Duncan A. MacInnes, Instructor (10 months) George D. Beal, Instructor (10 months)	$1,400 00 \\ 1,400 00$	
Lambert Thorp, Instructor (10 months)	$1,200 00 \\ 1,400 00$	
Charles G. MacArthur, Instructor (10 months)	$1,500 00 \\ 1,200 00$	
Leslie D. Smith, Instructor, vice Strachan (10 months)	1,000 00	
Duncan A. MacInnes, Instructor (10 months).  George D. Beal, Instructor (10 months).  Lambert Thorp, Instructor (10 months).  B. Smith Hopkins, Instructor (10 months).  Charles G. MacArthur, Instructor (10 months).  Henry J. Broderson, Instructor, vice McCarthy (10 months).  Leslie D. Smith, Instructor, vice Strachan (10 months).  Stuart J. Bates, Instructor, vice Honovski (10 months).  ———————————————————————————————————	1,000 00 $1,000 00$	
Bronislav R. Honovski, Research Assistant, vice Potter (10 months) Oliver Kamm, Assistant (10 months)	800 00 600 00	
Oliver Kamm, Assistant (10 months).  Thomas E. Laying, Assistant, vice Millard (10 months).  Harvey P. Corson, Assistant in Sanitary Chemistry (10 months)  and Chemist and Bacteriologist in the State Water Survey—	600 00	
and Chemist and Bacteriologist in the State Water Survey—salary under State Water Survey.		
	600 00	
George W. Sears, Assistant (10 months).  Charles K. Hewes, Assistant (10 months)	600 00	
Scott C. Taylor, Assistant (10 months) Ernest A. Wildman, Assistant, vice Olin (10 months)	500 00 500 00	
Scott C. Taylor, Assistant, vice Bell (10 months).  Ernest A. Wildman, Assistant, vice Olin (10 months).  John W. Read, Assistant (10 months).  Bert S. Davisson, Assistant (10 months).  Chester H. Allen, Assistant, vice Huenink (10 months).  Raymond W. Hess Assistant vice Dutcher (10 months).	600 00 600 00	
Chester H. Allen, Assistant, vice Huenink (10 months)	500 00 500 00	
Raymond W. Hess, Assistant, vice Dutcher (10 months)	600 00 500 00	
Assistant (10 months)	500 00	
months)	775 00	
months)  Everett H. Taylor, Graduate Assistant, vice Hess (10 months). Robert E. Baker, Graduate Assistant (10 months). Henry J. Weiland, Graduate Assistant vice Schneider (10 months) Karl A. Clark, Graduate Assistant (10 months).  Juanita E. Darrah, Graduate Assistant, vice Layng (10 months) Ross E. Gilmore, Graduate Assistant, vice Woodward (10 months). Duane T. Englis, Graduate Assistant, vice Woodward (10 months). Ernest F. Carlton, Graduate Assistant, vice Willer (10 months). Clarence Scholl, Graduate Assistant, vice Van Zoeren (10 months) Steward D. Marquis, Graduate Assistant, vice Van Zoeren (10 months) ———, Graduate Assistant, vice Engle (10 mcnths). Theodore R. Ball, Graduate Assistant, vice Wildman (10 months)	300 00 350 00	
Henry J. Weiland, Graduate Assistant, vice Schneider (10 months) Karl A. Clark, Graduate Assistant (10 months)	350 00 350 00	
Juanita E. Darrah, Graduate Assistant, vice Layng (10 months) Ross E. Gilmore, Graduate Assistant, vice Owens (10 months)	300 00 300 00	
Duane T. Englis, Graduate Assistant, vice Woodward (10 months)  Ernest F. Carlton, Graduate Assistant, vice Willer (10 months)	300 00 300 00	
Clarence Scholl, Graduate Assistant, vice Van Zoeren (10 months)	300 00 300 00	
The Argust Assistant, vice Engle (10 months)	300 00	
Hebert M. Carter, Graduate Assistant, vice Burton (10 months)	300 00 300 00	
Edward Wichers, Graduate Assistant, vice Ebersol (10 months) Howard D. Valentine, Graduate Assistant (10 months)	300 00 300 00	
Harry C. Kremmers, Graduate Assistant (10 months) William A. Manuel. Graduate Assistant, vice Gillett (10 months)	300 00 300 00	
Paul C. Rich, Student Assistant, vice Zoller (10 months) William C. Adams, Student Assistant, vice Kohout (10 months)	100 00 100 00	
Ralph A. Nelson, Student Assistant, vice Dunham (10 months)	100 00 100 00	
John D. Snook, Student Assistant, vice Glenz (10 months)	100 00	
Carl W. J. Sievert, Student Assistant (10 months)	$100 00 \\ 100 00$	
Alexander Cohn, Student Assistant, vice Simpson (10 months)  Alexander Cohn, Student Assistant (10 months)	$100 00 \\ 100 00$	
Edward Wichers, Graduate Assistant, vice Ebersol (10 months) Howard D. Valentine, Graduate Assistant (10 months) Harry C. Kremmers, Graduate Assistant (10 months) William A. Manuel, Graduate Assistant, vice Gillett (10 months) Paul C. Rich, Student Assistant, vice Coller (10 months) William C. Adams, Student Assistant, vice Kohout (10 months) Ralph A. Nelson, Student Assistant, vice Dunham (10 months) Anton Prasil, Student Assistant (10 months) John D. Snook, Student Assistant, vice Glenz (10 months) George B. Ruby, Student Assistant, vice Taylor (10 months) Carl W. J. Sievert, Student Assistant (10 months) Joseph Cohen, Student Assistant, vice Simpson (10 months) Alexander Cohn, Student Assistant (10 months) John M. Janson, Student Assistant, vice Leslie (10 months) Silas A. Braley, Student Assistant, vice Darrah (10 months)	$100 00 \\ 100 00$	
Glen S. Skinner, Student Assistant (10 months)	$100 00 \\ 100 00$	
Carl F. Miller, Clerk (C. S.)	1,100 00 780 00	
Josephine Tyrrell, Stenographer (C. S.)	600 00	
Charles C. Crawford, Storekeeper (C. S.)	780 00	
Carl F. Miller, Clerk (C. S.)  Mayme L. Smith, Stenographer (C. S.) Josephine Tyrrell, Stenographer (C. S.) Albert H. Hull, Assistant Custodian (C. S.) Charles C. Crawford, Storekeeper (C. S.) Thomas Peel, Assistant Storekeeper (C. S.) Clifford E. Dalton, Laboratory Helper (C. S.)	660 00 600 00	
Total	\$53,825 00	

Entomology.		
Stephen A. Forbes, Professor (Indef.)	\$1,000	
Entomology (Indef.)  Justus W. Folsom, Assistant Professor (Indef.)	3,000 2,500 1,200	00 00
Hugh Glasgow, Instructor (10 months)	$\substack{1,200\\600}$	00
Justus W. Folsom, Assistant Professor (Indef.) Hugh Glasgow, Instructor (10 months) Alvah Peterson, Assistant (10 months) ————, Assistant Student assistance	$\frac{600}{250}$	00
Total	\$9,150	.00
Geology.		
Charles W. Rolfe, Professor (Indef.) William S. Bayley, Professor (Indef.) Thomas E. Savage, Assistant Professor (3 years from September	3,000 3,000	00
John L. Rich, Instructor (10 months)	$2,500 \\ 1,500 \\ 600$	00
Frank L. Fleener, Assistant (10 months)	400	00
In 1913) John L. Rich, Instructor (10 months) John L. Rich, Instructor (10 months) Gilbert H. Cady, Assistant, vice Ekblaw (10 months) Frank L. Fleener, Assistant (10 months) George W. Heitkamp, Assistant (10 months) Clarence S. Ross, Assistant, vice Thompson (10 months) Student assistance	400 400 300	00
Total	\$12,100	00
Mathematics.		
Edgar J. Townsend, Professor (Indef.) George Miller, Professor (Indef.) Henry L. Rietz, Professor of Mathematical Statistics (Indef.) and Statistician in the Agricultural Experiment Station (1 year)	$\frac{4,000}{3,500}$	00
	*1,900	00
1, 1911)  James B. Shaw, Assistant Professor (3 years from September	2,200	00
James B. Shaw, Assistant Professor (3 years from September 1, 1912)  Arnold Emch, Assistant Professor (3 years from September 1, 1913)	2,750	
1913)	2,250 2,000 1,800	00 00
1913) Arthur R. Crathorne, Associate (2 years from September 1, 1912) Ernest B. Lytle, Associate (2 years from September 1, 1912) Robert L. Borger, Associate (2 years from September 1, 1913) Gustav E. Wahlin, Associate, vice Kiernan (2 years from September 1, 1912)	1,500	00 00
Gustav E. Wahlin, Associate, vice Kiernan (2 years from September 1, 1913)	1,400 1,400	00
William W. Denton, Instructor (10 months)  Ellis B. Stouffer, Instructor (10 months)	1,400 1,400 1,300	00 00
Josephine E. Burns, Instructor, vice Winger (10 months) Edward W. Chittenden, Instructor (10 months)	1,000 $1,200$	00
George E. Carscallen, Assistant (10 months)	750 600	00
Clarence M. Hebbert, Assistant (10 months) Guy W. Smith, Assistant (10 months)	600 600	00
Stenographic assistance	600 400	00
Total	\$33,150	00
Physiology.		
William E. Burge, Assistant Professor (1 year) J. Howard Beard, Instructor (10 months) Alma J. Neill, Assistant, vice Stanley (10 months) Student assistance	2,200 1,300	00
Alma J. Neill, Assistant, vice Stanley (10 months) Student assistance	600 250	00
Total	\$4,350	00
Zoology.	5,000	0.0
Frank Smith, Professor of Systematic Zoology (Indef.) and	•	
J. Sterling Kingsley, Professor, vice Carpenter (Indef.)	3,000 3,500 3,000	00
Charles C. Adams, Associate (2 years from September 1, 1912)	1,650 $1,200$	00
Ernest C. Faust, Research Assistant (10 months)  Bessie B. Green, Assistant (10 months)	600	00
Ralph H. Linkins, Assistant, vice Gutberlet (10 months)	600 600	00 00
Homer E. Chenoweth, Graduate Assistant, vice Hall (10 months) Margaret V. Cobb, Graduate Assistant (10 months)	300	00 00
Henry B. Ward, Professor (Indef.) Frank Smith, Professor of Systematic Zoölogy (Indef.) and Curator of the Museum of Natural History (1 year) J. Sterling Kingsley, Professor, vice Carpenter (Indef.) Charles Zeleny, Associate Professor (Indef.) Charles C. Adams, Associate (2 years from September 1, 1912). Harley J. VanCleave, Instructor (10 months) Ernest C. Faust, Research Assistant (10 months) Bessie R. Green, Assistant (10 months) Ralph H. Linkins, Assistant, vice Gutberlet (10 months) Harry V. Heimburger, Assistant, vice Van Cleave (10 months) Homer E. Chenoweth, Graduate Assistant, vice Hall (10 months) Margaret V. Cobb, Graduate Assistant (10 months) Horace W. Stunkard, Graduate Assistant (10 months) Grace E. Wells, Graduate Assistant, vice Barger (10 months)	300 300	$\begin{array}{c} 00 \\ 00 \end{array}$

<sup>\*</sup> For remainder of salary see under Office of the Dean, College of Agriculture and Agricultura Experiment Station.

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Ceramics.  Ray T. Stull, Ceramist and Acting Director of the Courses in Ceramics (1 year)  Ralph K. Hursh, Instructor (10 months)  Barney S. Radcliffe, Instructor (10 months)  Robert Back, Assistant, vice Bartells (10 months)  Charles C. Rand, Assistant (10 months)  Total  COLLEGE OF ENGINEERING.	3,000 1,500 1,200 1,000 800 \$7,500	00 00 00 00
Ray T. Stull, Ceramist and Acting Director of the Courses in Ceramics (1 year) Ralph K. Hursh, Instructor (10 months) Barney S. Radcliffe, Instructor (10 months) Robert Back, Assistant, vice Bartells (10 months) Charles C. Rand, Assistant (10 months)  Total  COLLEGE OF ENGINEERING.	1,200 1,000 800	00 00
COLLEGE OF ENGINEERING.	\$7,500	00
Office of the Dean		
Office of the Dean.  William F. M. Goss, Dean of the College of Engineering, Director		
William F. M. Goss, Dean of the College of Engineering, Director		
William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station (1 year)—absent on leave, without salary, 1913-14.  Charles R. Richards, Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station (1 year) and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.  Harvey W. Miller Assistant Dean of the College of Engineering.		
(1 year) and Assistant Professor of G. E. D. (3 years from September 1, 1913)—salary under Department of General Engi- neering Drawing.		
L. Mae Manspeaker, Clerk of the College of Engineering (C. S.) Stella Lund, Clerk in the office of the College of Engineering	\$1,000	00
(C. S	660	00
College of Engineering (C. S.)	720	00
College of Engineering (C. S.)	70	00
College of Engineering (C. S.)  Myrtle E. Heater, Stenographer in the office of the Dean of the College of Engineering (C. S.)  Marie A. Gordon, Stenographer in the office of the Dean of the College of Engineering (C. S.)	660	00
Total	\$3,760	00
Architecture.		
Nathan C. Ricker, Professor of Architecture (Indef.)	$\frac{5,000}{3,500}$	
Newton A. Wells, Professor of Architectural Decoration, on leave (Indef.)  James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year)—see under office of Supervising Architect.	1,250	00
, Assistant Professor of Architectural Engineering, Assistant Professor of Architectural Design Charles B. Clark Associate in Architectural Construction (2 years	3,500 3,000	00 00
from September 1, 1913)  Robert T. Jones, Instructor in Architecture (10 months)  Joseph M. Kellogg, Instructor in Architectural Design (10 months)	$\frac{2,000}{1,600}$	00
	1,500 1,500	00
Samuel C. Burton, Instructor (10 months)	1,400	00
James H. Forsythe, Instructor, vice S. F. Kimball (10 months)	$\frac{1,200}{1,500}$	00
Angelo B. M. Corrubia, Instructor, vice Jones (10 months)	1,600 1,800	
After H. Kimball, Instructor in Architectural Design (10 months)  Samuel C. Burton, Instructor (10 months)  Frederick K. Cowley, Instructor (10 months)  James H. Forsythe, Instructor, vice S. F. Kimball (10 months)  Angelo B. M. Corrubia, Instructor, vice Jones (10 months)  ————————————————————————————————	700	
Total\$	31,050	00
Civil Engineering.		
Ira O. Baker, Professor (Indef.)	$\frac{5,000}{4,000}$	
Allen B. McDaniel, Assistant Professor (1 year)	3,500 $2,750$	00
Assistant Professor of Highway Engineering  Assistant Professor of Structural Engineering, vice	3,000	ŏŏ
Malcolm (1 year)	2,500	00
1, 1913)	1,800	00

(C. S.)	600	UU
Toolsoom Attendant in Wood Chan wise Debaute		
tory (C. S.)  Elmer R. Ellis, Toolroom Attendant in Machine Shop (C. S., temp.)  Toolroom Attendant in Wood Shop, vice Roberts	600 600	
William E. Alley, Mechanician in M. E. Laboratory (C. S.)  Edward Berbaum, Mechanician in the Shop Laboratories (C. S.)  Benjamin L. Winchester, Toolroom Attendant in M. E. Laboratory (C. S.)  Elmer R. Ellis, Toolroom Attendant in Machine Shop (C. S.,	1,020 800	00
James M. Duncan, Assistant in Pattern Making (10 months) Peter J. Rebman, Assistant in Forge Work (10 months) John A. Frisk, Assistant in Mechanical Engineering and Mechanician in M. E. Laboratory (12 months) William E. Alley, Mechanician in M. E. Laboratory (C. S.)	1,100	00
Joseph C. Fendleton, Instructor in Foundry Work (10 months)  James M. Duncan, Assistant in Pattern Making (10 months)  Peter J. Rebman, Assistant in Forge Work (10 months)	1,000 900 800	00
Gustav H. Radebaugh, Instructor in Machine Work (10 months)	1,100 1,100	00
, Instructor in Mechanical Engineering, vice Flanigan	1,300	00
months)	$1,400 \\ 1,400$	00 00
Robert E. Kennedy, Instructor in Foundry Work (10 months)	1,300 1,200	00
Arthur C. Whard, Assistant Froessor of Heating and Ventiation (3 years from September 1, 1913)	1,500	00
Septemper 1, 1913).  David L. Scroggin, Instructor in Machine Work (10 months)  Edgar T. Lanham, Instructor in Forge Work (10 months)	$1,800 \\ 1,200 \\ 1,200$	00
(3 years from September 1, 1913)	2,400	
Bruce W. Benedict, Director of Shop Laboratories (Indef.) Arthur C. Willard, Assistant Professor of Heating and Ventilation	3,500	
Charles R. Richards, Acting Dean of the College of Engineering and Professor, in charge of Department (Indef.)	5,000 3,500 3,500 2,900	00
Mechanical Engineering. Charles R. Richards, Acting Dean of the College of Engineering		
Total	\$9,600	00
(1 year)  Robert K. Steward, Associate (2 years from September 1, 1913).  Francis M. Porter, Associate (2 years from September 1, 1913).  Harold O. Rugg, Instructor (10 months)	1,700 1,500 1,500 1,400 1,000 300	00 00 00
1, 1913) and Assistant Dean of the College of Engineering	2,200	00
General Engineering Drawing.	Ψ2.0,000	00
· -	\$26,350	
1, 1912)  Associate, vice Willson Leonard V. James, Associate (2) years from September 1, 1913).  Ira W. Fisk, Associate (2 years from September 1, 1913).  Frank C. Loring, Instructor (10 months).  Elizabeth Good, Clerk (C. S.).	2,000 1,600 1,600 1,300	00 00 00
	3,000 2,000	00
Morgan Brooks, Professor in charge of Department, vice Berg  Notation of Department, vice Berg	5,000 3,000 3,500	00
Electrical Engineering.		
Total		
Raymond E. Davis, Instructor (10 months)	1,300 1,200 1,000 1,000	00
Carroll C. Wiley, Associate (2 years from September 1, 1913)  Neal B. Garver, Associate (2 years from September 1, 1913)  George W. Pickels, Instructor (10 months)  William H. Raynor, Instructor (10 months)  Raymond E. Davis, Instructor (10 months)  —, Instructor (10 months)  Benjamin L. Bowling, Assistant in Cement Laboratory (12 months)  Louise A. Leitz, Clerk (C. S.; 10 months)	1,700 1,500 1,300	00
Civil Engineering—Concluded.  Carroll C Wiley Associate (2 years from September 1, 1913)	\$1,700	00

Mining Fusion-No.		
Mining Engineering.  Harry H. Stoek, Professor	\$5,000	0.0
, Professor , Assistant Professor, vice Lincoln (1 year)	4,000	00
Stanhan () Androg Aggoriata on nart time (2 years from Santam.	2,200	
ber 1, 1913) (see also below) , Instructor, vice Lauer (10 months), Mechanician (C. S.) Florence A. Nyberg, Clerk (C. S.)	300 1,500	00
, Mechanician (C. S.)	780	00
	600	
Total	\$14,380	00
Cooperative Investigations of Mining Conditions in Illinois.	. 1, •	
Stephen O. Andros, Field Assistant, on part time (12 months) (see also above)	1,800	00
Municipal and Sanitary Engineering and Theoretical and Applied	Mechan	ics.
Arthur N. Talbot, Professor of M. and S. E., in charge of T. and A. M. (Indef.)	5,000	00
Melvin L. Enger, Assistant Professor, T. and A. M. (3 years		
Associate, M. and S. E., vice Habermeyer (2 years	2,250	
from September 1, 1913)	1,800	00
Arthur N. Talbot, Professor of M. and S. E., in charge of T. and A. M. (Indef.).  Melvin L. Enger, Assistant Professor, T. and A. M. (3 years from September 1, 1911)  —, Associate, M. and S. E., vice Habermeyer (2 years from September 1, 1913).  Virgil R. Fleming, Associate, T. and A. M. (2 years from September 1, 1913).  Paul Hansen Associate Sanitary Engineering and Engineer in the	1,800	`00
tember 1, 1913)  Paul Hansen, Associate, Sanitary Engineering and Engineer in the Water Survey (1 year)—salary under Water Survey.  ———————————————————————————————————		
Fred B. Sooly, Instructor, T. and A. M., vice Farwell (10 months)	1,400	
George P. Boomsliter, Instructor, T. and A. M. (10 months)	1,700 1,700 1,700	00
Clarence E. Noerenberg, Instructor, T. and A. M. (10 months)	1,700 1,400	00
Harrison F. Gonnerman, Instructor, T. and A. M. 10 months)	1,500	00
Newton E. Ensign, Instructor, T. and A. M. 10 months)	1,500	00
Total	\$21,750	00
Physics.		
Albert P. Carman, Professor (Indef.)  Professor  Charles T. Knipp, Assistant Professor (Indef.)  Floyd R. Watson, Assistant Professor (Indef.)  William F. Schulz, Assistant Professor (Indef.)  Jakob Kunz, Assistant Professor of Mathematical Physics (3 years from September 1, 1911).  Ellmer H. Williams, Associate (2 years from September 1, 1912.  Glenn A. Shook, Instructor (10 months)  Orrin H. Smith, Assistant (10 months)  Lloyd T. Jones, Assistant (10 months)  Oscar A. Randolph, Assistant (10 months)  Earle H. Warner, Assistant (10 months)  Sebastian Karrer, Assistant (10 months)  William H. Bair, Assistant, on part time (10 months)  Jonas B. Nathanson, Assistant, on part time (10 months)  Student assistants	5,000 4,000	0.0
Charles T. Knipp, Assistant Professor (Indef.)	2,800 2,750 2,200	00
William F. Schulz, Assistant Professor (Indef.)	$\frac{2,750}{2,200}$	00
Jakob Kunz, Assistant Professor of Mathematical Physics (3	2,500	
Elmer H. Williams, Associate (2 years from September 1, 1912	1.700	0.0
Orrin H. Smith, Assistant (10 months)	1,200 950	00
Lloyd T. Jones, Assistant (10 months)	950	00
Earle H. Warner, Assistant (10 months)	900 800	00
Sebastian Karrer, Assistant (10 months)	700 500	00
Jonas B. Nathanson, Assistant, on part time (10 months)	500	00
Student assistants Earl T Strong Mechanician and Instrument Maker (12 months)	$\substack{600 \\ 1,260}$	00
Burt Hayes, Assistant Mechanician (C. S.)	840	00
Student assistants  Earl T. Strong, Mechanician and Instrument Maker (12 months)  Burt Hayes, Assistant Mechanician (C. S.)  Henry T. Wyninger, Storekeeper (C. S.)  Della M. Rogers, Clerk (C. S.)	$720 \\ 480$	00 00
Total	\$31,350	
Railway Engineering.	ψ01,000	00
Edward C. Schmidt. Professor (Indef.)	4,000	00
Assistant Professor	3,000	
neering (1 year)	1,800	00
John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (3 years from September 1, 1911)	2,200	00
Arthur F. Comstock, Associate in Railway Civil Engineering (2	•	
Milton Ressler, Mechanician, vice McLean (C. S., temp.)	$\substack{2,000\\960}$	00
Alonzo M. Buck, Assistant Professor of Railway Electrical Engineering (1 year)  John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (3 years from September 1, 1911)  Arthur F. Comstock, Associate in Railway Civil Engineering (2 years from September 1, 1913)  Milton Ressler, Mechanician, vice McLean (C. S., temp.)  Bertha G. States, Clerk (C. S.)	660 600	00
Total	\$15,220	UU

## ENGINEERING EXPERIMENT STATION.

William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station (1 year)—on leave, without salary, 1913-14.

ENGINEERING EXPERIMENT STATION—CONCLUDED.		
Charles R. Richards, Acting Dean of the College of Engineering, Acting Director of the Engineering Experiment Station, and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.		
Alfred K. Chittenden, Lecturer on Timber and Timber Resources and Assistant to the Director (12 months)	\$2,750	00
A. M. (1 year)	2,750	00
and Assistant to the Director (12 months)  Herbert F. Moore, Assistant Professor in Department of T. and A. M. (1 year)  Duff A. Abrams, Associate in Department of T. and A. M. (2 years from September 1, 1912)  Robert B. Keller, First Assistant in Department of Railway Engineering, vice Marquis (12 months)  David F. McFarland, First Assistant in Department of Chemistry and Assistant Professor of Chemistry in the College of Liberal Arts and Sciences (12 months)  Willis A Slater First Assistant in Department of T. and A. M.	1,800	00
Engineering, vice Marquis (12 months)	2,000	00
and Assistant Professor of Chemistry in the College of Liberal Arts and Sciences (12 months)	2,000	00
Willis A. Slater, First Assistant in Department of T. and A. M. (12 months)  Trygve D. Yensen, Assistant in Department of Electrical Engineer-	1,800	00
ing (12 months)  John N. Vedder, Assistant in Department of Mechanical Engineer-	1,600	00
John N. Vedder, Assistant in Department of Mechanical Engineer- ing (12 months)	1,600	00
ing (12 months) Alonzo P. Kratz, Assistant in Department of Mechanical Engineering (12 months)	1,600	00
ing (12 months) Harold H. Dunn, Assistant in Department of Railway Engineering (12 months)	1,400	
ing (12 months) Katie L. E. Humrichouse, Stenographer (C. S.)	600	
Total	\$19,900	00
COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERI STATION.	MENT	
Office of the Dean.		
Eugene Davenport, Dean, College, and Director, Station (1 year) and Professor of Threnmatology, College (Indet.)	\$6,000 1,200	00 00
(C. S.)  Henry L. Rietz, Statistician, Station (1 year)  Florence E. Smith, Secretary to the Dean, College (C. S.)  Elmer Roberts, Assistant in Genetics, on part time, Station (12	2,300 *1,200 900	00
months	600	00
Total	\$12,200	00
Agricultural Extension.		
Fred H. Rankin, Superintendent of Agricultural Extension (Indef.) and Assistant to the Dean, College (1 year)	$\frac{3,500}{2,400}$	00 00
1, 1913)	$\frac{2,000}{1,000}$	00
Joseph H. Checkley, Assistant, College (12 months)	1,000	0.0
Augusta D. Evans, Assistant, College (12 months) Joseph H. Checkley, Assistant, College (12 months) William P. Miller, Assistant, College (12 months) Alice V. Hamilton, Student Record Keeper (C. S.)	. 500 900	00
Total		00
Agronomy.		
Cyril G. Hopkins, Professor of Agronomy, College, and Chief in Agronomy and Chemistry, Station (Indef.) and Vice-Director,		
Station (1 year)	5,000	00
Station (1 year)  Leonard Hegnauer, Professor of Crop Production, College, and Chief in Crop Production, Station (Indef.)  Jeremiah G. Mosier, Professor of Soil Physics, College, and Chief in Soil Physics, Station (Indef.)  James H. Pettit Professor of Soil Servilley College, and Chief	3,000	
Chief in Soil Physics, Station (Indef.)	3,500	00
Chief in Soil Physics, Station (Indef.)  James H. Pettit, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station (Indef.)  Louie H. Smith, Professor of Plant Breeding, College, and Chief	3,000	00
in Plant Breeding, Station (Indef.) Ora S. Fisher, Assistant Professor of Soil Fertility, College, and Assistant Chief in Soil Fertility, Station (3 years from Sep-	3,200	00
Assistant Chief in Soil Fertility, Station (3 years from September 1, 1913)	2,500	00
Joseph P. Aumer, Associate in Chemistry, Station (2 years from September 1, 1913)	1,800	
William L. Burlison, Associate in Crop Production, on part time,		
Joseph P. Aumer, Associate in Chemistry, Station (2 years from September 1, 1913)  William L. Burlison, Associate in Crop Production, on part time, College and Station (2 years from September 1, 1913)  Ira W. Dickerson, Associate in Farm Mechanics, College (2 years from September 1, 1912)	1,400	
from September 1, 1913)	1,600	UU

<sup>\*</sup> For remainder of salary see under department of mathematics.

Agronomy—Concluded.		
Karl J. T. Ekblaw, Associate in Farm Mechanics, College (2 years from September 1, 1913)  Axel F. Gustafson, Associate in Soil Physics, College and Station	\$1,600	00
Axel F. Gustafson, Associate in Soil Physics, College and Station (2 years from September 1, 1913)	2,100	00
(2 years from September 1, 1913) Sidney V. Holt, Associate in Soil Physics, Station (2 years from September 1, 1913)	1,800	00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (2 years	1,800	00
Clarence C. Logan, Associate in Soil Extension, Station (2 years from September 1, 1913)	1,800	00
Jay B. Park, Associate in Plant Breeding, Station (2 years from September 1, 1913)	1,800	00
Clarence C. Logan, Associate in Soil Extension, Station (2 years from September 1, 1913)  Jay B. Park, Associate in Plant Breeding, Station (2 years from September 1, 1913)  Ward H. Sachs, Associate in Chemistry, Station (2 years from September 1, 1913)  Horold W. Stawart Associate in Soil Physics College and Station	1,600	
Harold W. Stewart, Associate in Soil Physics, College and Station (2 years from September 1, 1912)	1,800	
Ernest Van Alstine, Associate in Chemistry, Station (2 years from	2,100	
Henry C. Wheeler, Associate in Soil Physics, Station (2 years from September 1, 1913)	1,800	
John E. Whitchurch, Associate in Soil Fertility, Station (2 years from September 1, 1913)	1,800	
Frederick C Rayer Associate in Soil Fertility College and Station	1,600	•
(2 years from September 1, 1913)	1,200	
Frank W. Garrett, First Assistant in Soil Fertility, Station (12	1,200	
months) Walter B. Gernert, Associate in Plant Breeding, Station (2 years	1,800	
from September 1, 1913)  Marvin E. Jahr, Instructor in Farm Mechanics, College (10 months)	1,400	
Wilbur R. Leighty, First Assistant in Chemistry, Station (12 months)	1,400	
Gertrude Niederman, Assistant in Chemistry, Station (12 months) Chester O. Reed, Instructor in Farm Mechanics, College (10	1,200	
months)  Frederick M. W. Wascher, First Assistant in Soil Physics, Station	1,200	00
(12 months)  Albert L. Whiting, Associate in Soil Biology, College and Station	1,200	00
(2 years from September 1, 1913)	1,800	00
vice Keller (12 months)	840	00
months) Orr Allyn, Assistant in Crop Production, College and Station	1,000	00
(12 months) Leo R. Binding, Assistant in Chemistry, Station (12 months)	$\frac{1,000}{1,000}$	
Earl A. White. Associate in Farm Mechanics. College (2 years	2,100	
from September 1, 1913) Elmer T. Ebersol, Instructor in Crop Production, on part time, College (10 months)	600	
Orland I. Ellis, Assistant in Soil Physics, Station (12 months) Harrison F. T. Fahrnkopf, Assistant in Soil Fertility, College	840	
and Station (12 months)	840 840	
Harry C. Gilkerson, Assistant in Soil Fertility, College and Station	840	
A. Floyd Heck, Assistant in Soil Fertility, College and Station	840	
(12 months)  Howard J. Snider, Assistant in Soil Fertility, College and Station	840	
(12 months)		
Total	φ(1,420	UU
Animal Husbandry.  Herbert W. Mumford, Professor of Animal Husbandry College.	į	
Herbert W. Mumford, Professor of Animal Husbandry, College, and Chief in Animal Husbandry, Station (Indef.) Walter C. Coffey, Professor of Sheep Husbandry, College, and Chief in Sheep Husbandry, Station (Indef.)	5,000	00
Chief in Sheep Husbandry, Station (Indef.)	3,200	00
Assistant Chief in Genetics, Station (3 years from September	2,400	00
1, 1912)  James L. Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3	2,100	•
years from September 1, 1913)	2,500	00
Chief in Animal Nutrition, Station (Indef.)	3,500	00
(12 months)  Louis D. Hall, Assistant Professor of Animal Husbandry, College, and Assistant Chief in Animal Husbandry, Station, on leave	2,000	00
and Assistant Chief in Animal Husbandry, Station, on leave (3 years from September 1, 1913)	1,350	0.0
7- A	1,000	50

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Animal Husbandry—Concluded.	
Henry P. Rusk, Assistant Professor of Cattle Husbandry, College, and Assistant Chief in Cattle Husbandry, Station (3 years	•
from September 1, 1913)	\$2,500 00
from September 1, 1913)	2,400 00
Walter F. Handschin, Associate in Animal Husbandry, College and Station (2 years from September 1, 1913)	2,400 00
and Station (2 years from September 1, 1913)	1,800 00
Harold H. Mitchell, Associate in Chemistry, Station (2 years from	1,600 00
September 1, 1913) Animal Nutrition, College and Station	
(2 years from September 1, 1913)	1,600 00
William H. Smith, Instructor in Animal Husbandry, Station (12 months)	1,200 00
	1,500 00
and Station (12 months)	1,100 00
College and Station, vice Case (12 months)	$\begin{array}{ccc} 600 & 00 \\ 1,000 & 00 \end{array}$
and Station (12 months)	•
Station (12 months).  Francis M. Simpson, Instructor in Animal Husbandry, College and First Assistant in Animal Husbandry, Station (12 months)	1,000 00
John J. Yoke, Assistant in Animal Husbandry, College and Station	1,600 00
(12 months)	1,000 00
Station (12 months)	1,200 00
Total	\$42,450 00
,	•
Dairy Husbandry.	
Harry A. Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.)	5,000 00
in Dairy Farming. Station (Indef.)	3,500 00
Martin J. Prucha, Assistant Professor of Dairy Bacteriology, Col-	-,-,-
from September 1, 1913)	2,500 00
Station (2 years from September 1, 1912)	2,100 00
First Assistant in Milk Distribution, Station (12 months)	2,400 00
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures. Station (3)	
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 years from September 1, 1913)—at a salary of \$2,500 per annum, on leave without salary, 1913-14.  Jesse M. Barnhart, Assistant in Chemistry, College, and First Assistant in Chemistry, Station (12 months).  William T. Crandall, Associate in Milk Production, College and Station (2 work from September 1, 1913)	
Jesse M. Barnhart, Assistant in Chemistry, College, and First	1 600 00
William T. Crandall, Associate in Milk Production, College and	1,600 00
Ray S. Hulce, Instructor in Milk Production, College, and First	1,800 00
Assistant in Milk Production, Station (12 months) Oliver A. Keller, Assistant in Dairy Manufactures, College and	1,400 00
	1,100 00
LeRoy Lang, Associate in Dairy Manufactures, College and Station (2 years from September 1, 1913)  Frank A. Pearson, Assistant in Dairy Husbandry, College and Station (12 months).  Harrison A. Ruehe, Instructor in Dairy Manufactures. College, and First Assistant in Dairy Manufactures, Station (12 months)  William F. Wells, First Assistant in Milk Distribution, Station (12 months)	2,100 00
Station (12 months)	1,100 00
and First Assistant in Dairy Manufactures, Station (12 months)	1,600 00
William F. Wells, First Assistant in Milk Distribution, Station (12 months)	1,600 00
(12 months) William W. Yapp, Assistant in Dairy Husbandry, College (12 months)	1,100 00
Ernest M. Clark, Assistant in Dairy Husbandry, Station (12	900 00
months)	
Total	\$29.800 00
Hontiquiture	
Horticulture.  Joseph C. Blair, Professor of Horticulture, College, and Chief in	<b>#</b> 000 00
Horticulture, Station (Indef.)	5,000 00
Joseph C. Blair, Professor of Horticulture, College, and Chief in Horticulture, Station (Indef.).  Charles S. Crandall, Professor of Pomology, College, and Chief in Plant Breeding, Station (Indef.).  John W. Lloyd, Professor of Olericulture, College, and Chief in Olericulture, Station (Indef.).  Charles M. Robinson, Professor of Civil Design, on part time,	3,500 00
Olericulture, Station (Indef.)	3,500 00
College (1 year)	1,200 00

Honticulture—Concluded		
Horticulture—Concluded.  Herman B. Dorner, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (3 years from		•
September 1, 1911)	\$3,000	00
College (3 years from September 1, 1912)  Bethel S. Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology Station (3 years from September	3,000	00
1, 1912)	3,000	00
College (2 years from September 1, 1913)	2,500	00
Ralph R. Root, Assistant Professor of Landscape Gardening, College (2 years from September 1, 1913).  Ernest W. Bailey, Associate in Pomology, College, and Associate in Plant Breeding, Station (2 years from September 1, 1913).  Simeon J. Bole, Associate in Pomology, College and Station (2 years from September 1, 1913).	2,100	00
Simeon J. Bole, Associate in Pomology, College and Station (2 years from September 1, 1913)	1,800	00
Charles E. Durst, Associate in Olericulture, College and Station (2 years from September 1, 1913)	1,800	00
Lawrence E. Foglesong, Instructor in Landscape Gardening, College (12 months)	1,400	
Simeon J. Bole, Associate in Pomology, College and Station (2 years from September 1, 1913)	1,800	
Warren A. Ruth, Associate in Horticultural Chemistry, Station	1,800	
Oscar S. Watkins, Associate in Horticultural Chemistry, College	2,100	
and Station (2 years from September 1, 1913)	•	
John J. Gardner, Instructor in Pomology, College, and Assistant	1,400	
Thomas Bregger, First Assistant in Plant Breeding, Station (12 months)  John J. Gardner, Instructor in Pomology, College, and Assistant in Pomology, Station (12 months)  Alfred J. Gunderson, First Assistant in Pomology, Station (12 months)	1,200	
Fred W. Muncie. First Assistant in Floriculture, Station (12 months)	1,200 1,200	00
George L. Peltier, Assistant in Pathological Floriculture, Station	1,000	
Robert W. Hoffman, Instructor in Landscape Design, College (12	1,000	
months)	840	
months) Charles B. Sayre, Instructor in Olericulture, College, and First	1,500	00
Assistant in Olericulture, Station (12 months)	840	00
months)		ΛΛ
Arthur S. Colby, Assistant in Pomology, on part time, College (12	840	00
months) Arthur S. Colby, Assistant in Pomology, on part time, College (12 months)	720	00
months) Total		00
months)  Total  Household Science	720	00
months)  Total  Household Science	720	00
months)  Total  Household Science	720 \$49,240 3,000 2,250	00
months)  Total  Household Science	720 \$49,240 3,000 2,250 1,400 1,600	00 00 00 00 00 00
months)  Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)	720 \$49,240 3,000 2,250 1,400	00 00 00 00 00 00
months)  Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911)  Cora E. Gray, Associate (2 years from September 1, 1913)  Helena M. Pincomb, Associate (2 years from September 1, 1913)  Nina B. Crigler, Associate (2 years from September 1, 1913)  Maud Parsons, Instructor and Director of the Lunchroom (12 months).	720 \$49,240 3,000 2,250 1,400 1,600 1,400	00 00 00 00 00 00 00 00
months)  Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)	720 \$49,240 3,000 2,250 1,400 1,400 1,400 1,800 1,700	00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens. Instructor (10 months).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,800 1,700 1,000 1,100	00 00 00 00 00 00 00 00 00 00 00 00
months)  Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)	720 \$49,240 3,000 2,250 1,400 1,400 1,400 1,700 1,700	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C.S.).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,700 1,000 1,000 1,000 1,200	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913)  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913)  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,700 1,000 1,000 1,000 1,200	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913). Helena M. Pincomb, Associate (2 years from September 1, 1913) Nina B. Crigler, Associate (2 years from September 1, 1913). Maud Parsons, Instructor and Director of the Lunchroom (12 months)  Lurene Seymour, Associate (1 year). Ruth Wheeler, Associate (2 years from September 1, 1913). Georgia Fleming, Instructor in Textiles (10 months). Grace E. Stevens, Instructor (10 months). Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months)  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,000 900 1,200 \$18,750	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months).  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,100 900 1,200 \$18,750	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months).  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240  3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,100 900 1,200  \$18,750 2,500	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months).  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240  3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,100 900 1,200  \$18,750 2,500  \$2,700 2,200	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913).  Helena M. Pincomb, Associate (2 years from September 1, 1913).  Nina B. Crigler, Associate (2 years from September 1, 1913).  Maud Parsons, Instructor and Director of the Lunchroom (12 months).  Lurene Seymour, Associate (1 year).  Ruth Wheeler, Associate (2 years from September 1, 1913).  Georgia Fleming, Instructor in Textiles (10 months).  Grace E. Stevens, Instructor (10 months).  Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months).  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240  3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,100 900 1,200  \$18,750 2,500	00 00 00 00 00 00 00 00 00 00 00 00 00
Total  Household Science.  Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year)  Nellie E. Goldthwaite, Assistant Professor (3 years from September 1, 1911).  Cora E. Gray, Associate (2 years from September 1, 1913). Helena M. Pincomb, Associate (2 years from September 1, 1913) Nina B. Crigler, Associate (2 years from September 1, 1913). Maud Parsons, Instructor and Director of the Lunchroom (12 months)  Lurene Seymour, Associate (1 year). Ruth Wheeler, Associate (2 years from September 1, 1913). Georgia Fleming, Instructor in Textiles (10 months). Grace E. Stevens, Instructor (10 months). Bessie Packard, Office Assistant (C. S.).  Florence Harrison, Instructor, in charge of Extension (12 months)  Total  Veterinary Science.  Donald McIntosh, Professor (Indef.).	720 \$49,240 3,000 2,250 1,400 1,600 1,400 1,700 1,700 1,000 900 1,200 \$18,750 2,500 \$2,700 2,200	00 00 00 00 00 00 00 00 00 00 00 00 00

2,500 00 2,000 00 600 00 100 00

\$2,000 00

1,600 00

SCHOOL OF MUSIC—CONCLUDED.		
Edson W. Morphy, Instructor in Violin (10 months)  Florence M. Kirkup, Instructor in Voice (10 months)  Edna A. Treat, Instructor in Piano (10 months)  Lowell L. Townsend, Instructor in Piano (10 months) , Instructor in Voice, vice McCobb (10 months) , Instructor and Secretary (12 months)	\$1,700 1,000 1,000 1,200 1,000 1,200	00 00 00 00 00
Total	\$19,300	00
DEPARTMENT OF PHYSICAL TRAINING FOR MEN.		
George A. Huff, Director (1 year) Leo G. Hana, Instructor (10 months) Harry L. Gill, Instructor in Track Athletics (10 months) Edward J. Manley, Instructor in Swimming (10 months) Roy N. Fargo, Assistant (10 months) Ralph R. Jones, Assistant (10 months) Ira R. Carrithers, Instructor in Intramural Athletics (10 months) Henry E. Pengilly, Instructor in Fencing (10 months)	\$3,000 1,700 2,200 900 500 1,200 600 100	00
Total		
DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.	•	
Gertrude E. Moulton, Director (1 year)	\$1,600 1,500 900 800 850	00 00 00
Asso Under English Department) Rosa L. Gaut, Assistant (10 months) Agnes Hitt, Student Assistant (10 months)	450 400 200	00
Total	\$6,700	00
MILITARY DEPARTMENT.		
Five Assistants in Military Science at \$100 each (10 months) Frederick Post, Armorer and Administrative Assistant (C. S.)	\$576 500 900	00 00 00
Total	\$1,976	00
GRADUATE SCHOOL.		
David Kinley, Dean of the Graduate School and Director of the		
Courses in Commerce (1 year) and Professor of Economics (Indef.)  , Professor  Albert B. Wright, Research Assistant (12 months)  Lida E. Voight, Clerk and Stenographer (C. S.)	\$6,000 4,000 600 1,000	00 00
Total	\$11,600	00
COLLEGE OF LAW.		
Oliver A. Harker, Dean (1 year) and Professor (Indef.)  Frederick Green, Professor (Indef.) William G. Hale, Professor (Indef.) and Secretary of the Faculty	\$4,000 3,500	00
(1 year) Chester G. Vernier, Professor (Indef.) Edward H. Decker, Professor (Indef.) and Acting Librarian (1 year)	$\frac{3,500}{3,500}$	00
(1 year)	$\frac{3,500}{3,500}$	00 00

# LIBRARY SCHOOL.

Phineas L. Windsor, Director and Librarian (1 year)—sa	lary
under Library.	-
Frances Simpson, Assistant Director (1 year) and Assistant	Pro-
fessor of Library Economy (Indef.)	
Florence R. Curtis, Associate in Library Economy (2 years	from
September 1, 1913)	

0,0	ONITERDITE OF IDDINOIS.	Louiy	νο,
	LIBRARY SCHOOL—CONCLUDED.		
	Ernest J. Reece, Instructor in Library Economy (1 year)  Ethel Bond, Instructor in Library Economy and Assistant in	\$1,600	
	charge of the collections in Library Economy (1 year)	1,000	00
	Edna L. Scott, Lecturer (5 weeks)	$\begin{array}{c} 1,000 \\ 250 \\ 225 \\ 600 \end{array}$	00
	Ernest J. Reece, Instructor in Library Economy (1 year) Ethel Bond, Instructor in Library Economy and Assistant in charge of the collections in Library Economy (1 year) Edna L. Scott, Lecturer (5 weeks)  —, Reviser, vice Oaks (3 months) Salaries of summer session, 1914	600	ŏŏ
	Total	\$7,275	00
		¥1,-10	• •
	LIBRARY.		
Αd	ministration.		,
	Phineas L. Windsor, Librarian and Director of the Library	<b>90 500</b>	00
	F. K. W. Drury, Lecturer on Order Work in the Library School	\$3,500	UU
	and Assistant Librarian (1 year)	$\frac{2,400}{780}$	00
	General Assistant, vice Renz (C. S.)	650	00
	Phineas L. Windsor, Librarian and Director of the Library School (1 year)	650	00
	to the Librarian (12 months)	$1,200 \\ 600$	00
	Nora Kirwin, Stenographer (C. S.)	600 600	00
	Edmund Wharmby, Helper (C. S.)	660	
	Total	\$11,040	00
_		411,010	••
Or	der Department.		
	Jacob Hodnefield, Lecturer on Exchanges in the Library School and Exchange Assistant (12 months)	1,500	00
	Myrtle Renz, Order Assistant (C. S.)  Clara Ricketts, Order Assistant (C. S.)  —, Order Assistant (C. S.)  Aurella Knapp, Order Assistant, Periodicals (C. S.)  —, Order Assistant, Gifts, vice Robertson (C. S.)	900 720	00
	, Order Assistant (C. S.)	900	00
	Aurella Knapp, Order Assistant, Periodicals (C. S.)	900 720	00
	, CICIA (C. D.)	720	00
	Student assistance	720 600	00
	<del>-</del>		
	Total	7,680	vv
Re	ference Department.		
	Margaret Hutchins, Lecturer on General Reference in the Library	1,000	00
	Margaret Hutchins, Lecturer on General Reference in the Library School and Reference Assistant (12 months)  Alice Johnson, Lecturer on General Reference in the Library School and Reference Assistant (12 months)  Emma Felsenthal, Lecturer on General Reference in the Library School and Reference Assistant (12 months)		
	School and Reference Assistant (12 months)  Emma Felsenthal Lecturer on General Reference in the Library	1,000	00
	School and Reference Assistant (12 months)	1,000	00
	Total	\$3,000	00
Lo	an Department,		
	Emma R. Jutton, Lecturer on the Loan Department and Loan		
	Librarian (12 months)	1,200 960	00
	Frances Feind, Loan Assistant (C. S.) Sarah E. Bryan, Loan Assistant (C. S.) Viola Fraser, Loan Assistant (C. S.) Ina M. Brown, Loan Assistant (C. S.)	840	00
	Viola Fraser, Loan Assistant (C. S.)	780 720	00
		840	00
	Shelf Assistant, vice Prickett (C. S.)	660 660	
	Sunday Assistant, vice Mitchell (9 months)	72	00
	Student assistance	$720 \\ 1,400$	
	Total		
0		<b>₽</b> 0,0⊍⊿	00
Gai	talog Department. Philip S. Goulding, Lecturer on Cataloging in the Library School	*	
	and Catalog Librarian (12 months)	2,000	00
	the Library School and Classifier (12 months)	1,100	00
•	Nellie Robertson, Cataloger (C. S.)	840 840	00
	Edith Emigh, Cataloger (C. S.)	840	00
	Lilla Alexander, Cataloger (C. S.)	$\frac{780}{720}$	
	Adan Patton, Lecturer on Classification and Subject-Headings in the Library School and Classifier (12 months)  Nellie Robertson, Cataloger (C. S.)  Antoinette Goetz, Cataloger (C. S.)  Edith Emigh, Cataloger (C. S.)  Lilla Alexander, Cataloger (C. S.)  Fannie Dunlap, Cataloger (C. S.)  Fartha L. Sharry Cataloger (C. S.)	720	00
	Bertha L. Sharp, Cataloger (C. S.)	660 780	
	Bertha L. Sharp, Cataloger (C. S.)  —, Cataloger (C. S.) —, Cataloger (C. S.) —, Cataloger (C. S.) —, Cataloger (C. S.)	780 780	00
			1111

Catalog Department—Concluded.		
	\$780 660	00
, Typist, vice White (C. S.; 10 months), Clerk (C. S.)	500 720 900	00
Total	\$14,400	00
Josie B. Houchens, Binding Librarian (C. S.), Binding Assistant (C. S.; 10 months)	1,000 650	00 00
Total		00
Departmental Libraries.		
Mary Torrance, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Classics (12 months)  John B. Kaiser, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Economics and Sociology (12 months)	900	00
John B. Kaiser, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in		
Economics and Sociology (12 months), Departmental Library Assistant in Economics,	1,800	
— Departmental Library Assistant in Economics, Sociology, History, and Political Science (C. S.) Ola M. Wyeth, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Modern	780	00
Languages (12 months)  Jennie A. Craig, Lecturer on Departmental Library Problems in	960	00
the Library School and Departmental Library Assistant in English (12 months)	960	00
Library School and Departmental Library Assistant in Modern Languages (12 months)	900	00
	900	00
Charles E. Janvrin, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in	500	٠.
Natural History, on one-half time (12 months)  Departmental Library Assistant in Natural History	780	
and Mathematics (C. S.)  Ethel Bond, Instructor in the Library School and Assistant in charge of the collections in Library Economy (12 months)—see under Library School.	:	•
see under Library School. Student assistants	1,900	00
Total	\$10,380	00
Total, Library	57,002	00
SCHOOL OF PHARMACY.		
SALARIES FOR TEACHING-		
William B. Day, Professor of Botany and Materia Medica (1 year)	\$1,200	
Albert H. Clerk, Assistant Professor of Chemistry (1 year) Clyde M. Snow, Assistant Professor of Pharmacy (1 year) Edmund N. Gathercoal, Instructor in Pharmacognosy (1 year) Henry W. Colson, Instructor in Chemistry (1 year). Ben L. Eicher, Instructor in Pharmacy (1 year). Bernard Fantus, Lecturer in Physiology (1 year). Student Assistants (3)	1,800 1,800	00
Henry W. Colson, Instructor in Chemistry (1 year)	1,300 1,000	00
Bernard Fantus, Lecturer in Physiology (1 year)	$\substack{\textbf{1,000}\\200}$	00
Total	\$8,550	00
SALARIES FOR SERVICES—  William B. Day, Acting Dean and Actuary (1 year)  R. Meseck, Janitor (C. S.)  Mary Scanlan, Stenographer (C. S.)	$\begin{array}{c} 1,300 \\ 780 \\ 720 \end{array}$	00
Total	\$2,800	
EQUIPMENT AND INCIDENTALS—	• •	
Apparatus Laboratory supplies	$1,100 \\ 1,200$	00
Library Advertising	300 1,000	00
Printing and postage Repairs	300 200	00
Rent Light	$6,\overline{000} \\ 425$	00
Water Telephone	15 70	00
Laboratory refunds	260	

Formation the Independent of Constraints		
EQUIPMENT AND INCIDENTALS—Concluded.  Special assessments Fixtures and furniture Refunds of tuition	\$100 200 275	00
Incidentals Extra help	$\begin{array}{c} 600 \\ 25 \end{array}$	
Total	\$12,070	00
SUMMARY OF SALARIES.		i
President's office Comptroller's office Registrar's office Dean of Men's office Dean of Women's office High School Visitor's office	\$20,000 17,946 12,140 3,480 3,200 6,150	00·
Supervising Architect's office	24,535	
Dean's office       \$7,690 00         Art and design       10,850 00         Classics       15,000 00         Education       17,550 00         English       58,800 00         German       25,550 00         History       21,750 00         Philosophy       8,600 00         Political science       10,350 00         Psychology       9,550 00         Romance languages       20,650 00         Sociology       5,000 00         Courses in commerce       36,700 00         Astronomy       5,300 00         Bacteriology       4,300 00         Botany       17,100 00         Chemistry       5,825 00         Entomology       9,150 00         Geology       12,100 00         Mathematics       33,150 00         Physiology       23,400 00         Coramics       7,500 00		·
Total, College of Liberal Arts and Sciences	418,215	00
College of Engineering—       \$ 3,760 00         Dean's office       \$ 1,050 00         Architecture       \$ 2,350 00         Civil engineering       \$ 26,350 00         Electrical engineering       \$ 6,00 00         Mechanical engineering       \$ 43,380 00         Mining engineering       \$ 14,380 00         Mining—Cooperative investigation       \$ 1,800 00         M. and S. E. and T. and A. M.       \$ 21,750 00         Physics       \$ 31,350 00         Railway engineering       \$ 15,220 00         Engineering Experiment Station       \$ 19,900 00		
Total, College of Engineering	<b>250</b> ,890	00
Dean's office   \$12,200 00		
Total, College of Agriculture and Agricultural Experiment Station School of Music Graduate School Physical Training, Men Physical Training, Women Military Department College of Law Library School Library Water Survey (salaries)* School of Pharmacy (salaries)  Total	237,660 19,300 11,600 10,200 6,700 1,976 26,700 7,275 57,002 21,890 11,350	00 00 00 00 00 00 00 00
rotar\$	1,108,209	40

<sup>\*</sup> See page 629.

#### RECOMMENDATIONS WITH REFERENCE TO MEDICAL FACULTY.

President James presented also his recommendations with reference to appointments in the faculty of the College of Medicine, with the further recommendation that this matter be referred to the Committee on the College of Medicine and School of Pharmacy with power to act.

On motion of Mrs. Busey, the president's recommendations with reference to appointments in the faculty of the College of Medicine were referred to the Committee on the College of Medicine and the School of Pharmacy with power to act.

### BUILDINGS BUDGET.

President James presented also the following recommendation with reference to buildings:

That the Board of Trustees authorize the supervising architect to proceed with plans for the following buildings at the estimated cost indicated, and that of the total sum the amount of nine hundred thousand dollars (\$900,000) be appropriated from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium.

1. Addition to the Natural History Building. 2. Addition to the Chemistry Building. 3. Addition to the Commerce Building for administrative purposes. 4. Ceramics Building. 5. School of Education Building 6. Women's Residence Hall 7. Engineering Buildings—	$\begin{array}{c} \$65,000 \\ 250,000 \\ 125,000 \\ 65,000 \\ 120,000 \\ 100,000 \end{array}$	00 00 00
(a) Completion of Transportation Building \$33,000 00		
(b) Railway Electrical Laboratory 25,000 00		
(c) Wing for work in concrete, etc		
(d) Extension of Mechanical Engineering Laboratory 26,000 00	100,000	۸۸
8. Stock Judging Pavilion	30,000	
9. Completion of the ends of the Armory, heating, lighting, flooring,	50,000	v
and grading the Armory	90,000	00
10. Zoölogical Laboratory, Plant Laboratory, insectary, and storehouse	50,000	
11. Addition to the Library book stack	27,700	
12. Addition to the University boilerhouse	44,880	
13. Reconstruction of the east wing of the Gymnasium	8,000	
14. Horticultural Field Laboratory	30,000	00
15. Horticultural glasshouses, including the moving of the old houses	18,000	
16. Experimental feeding plant	10,000	
17. Farmhouse	4,500	00
-		

\$1,138,080 00

#### VOTE ON THE PURCHASE OF LAND.

At this point Mrs. Busey's motion (page 607) was called up for consideration, namely, that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee for purchase, and that the committee be given further time to consider the other proposed tracts.

Mrs. Evans moved to amend this motion so as to provide for the immediate purchase of the one hundred sixty acres on which the board has a written option and to authorize the Finance Committee to secure options on the other tracts.

When, after further discussion, the vote was taken, the motion to amend was lost. The original motion, carrying the approval of the report of the Finance Committee, the setting aside of four hundred thousand dollars (\$400,000) for the purchase of land, and the appropriation of two hundred fifty-six thousand dollars (\$256,000) for the purchase of the tracts specified in the report, was passed. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

#### APPROVAL OF THE SALARY BUDGET.

On motion of Mrs. Henrotin, it was voted to approve the salary budget in full as presented by the President of the University. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

## VOTE ON THE BUILDINGS BUDGET.

On motion of Mr. Montgomery, it was voted to approve the recommendation presented by President James that the supervising architect be authorized to proceed with plans for buildings as enumerated above, at the estimated cost indicated, and that the sum of nine hundred thousand dollars (\$900,000) be appropriated for this purpose from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

At this point Dr. Montgomery withdrew.

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPOINTMENT OF SECRETARY, COLL DENTISTRY. COLLEGES OF MEDICINE AND

(1) A recommendation that Mr. William H. Browne, at present Superintendent of the College of Medicine, be appointed Secretary and Superintendent of Buildings and Grounds for the College of Medicine and Dentistry, at a salary of three thousand dollars (\$3,000) per annum, beginning July 1, 1903, and continuing until further notice.

On motion of Mrs. Evans, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

# PROVISIONAL BUDGET, COLLEGE OF DENTISTRY.

(2) The following provisional budget for the College of Dentis academic year beginning September 1, 1913, with the request that the of the University be authorized to fill the vacant positions therein	e President
amounts provided.	
1. Department of Operative Dentistry— Head of department; 2 demonstrators, 1 instructor	. \$2,600 00
2. Department of Prosthetic Dentistry—	
Head of department; 1 instructor, 1 demonstrator	. 2,400 00
3. Department of Oral Surgery and Pathology—	
Head of department; 2 instructors; 2 clinical assistants	. 1.750 00
4. Department of Bacteriology—	•
Head of department; 1 laboratory instructor	. 1,000 00
5. Department of Materia Medica and Therapeutics—	-,
Head of department; 1 assistant	. 1,000 00
6. Department of of Porcelain Art—	. 1,000
Head of department; 1 assistant	. 500 00
7. Department of Orthodontia and Histology—	. 000 00
	. 1.500 00
Head of department; 1 laboratory instructor	
8. Superintendent of Infirmary and Lecturer on Jurisprudence	
9. Instruction in Comparative Anatomy	
10. Instruction in Anesthesis and Physical Diagnosis	
11. Dean	
12. Office: Secretary and 2 stenographers	. 2,640 00
	#17 COO OO
	\$17,690 00

(3) The following recommendations:

1. That Dr. Frederick B. Moorehead be appointed Dean of the College of Dentistry of the University of Illinois for one year at a salary of one thousand dollars per annum, work and salary to begin July 1, 1913.

2. That Dr. Donald McKay Gallie be appointed Professor of Operative Dentistry in the College of Dentistry of the University of Illinois for one year beginning September 1, 1913, at a salary of one thousand dollars per annum.

3. That Dr. Walter Dittmar be appointed Professor of Prosthetic Dentistry in the College of Dentistry of the University of Illinois, for one year from September 1, 1913, at a salary of one thousand dollars.

4. That Dr. Frederick B. Moorehead be appointed Professor of Oral Surgery in the College of Dentistry of the University of Illinois for one year from September 1, 1913, at a salary of one thousand dollars per annum.

On motion of Mrs. Evans, these recommendations were approved, and the President of the University was given authority to fill the vacant positions in the College of Dentistry within the amounts provided. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

# CONTRACT AUTHORIZED FOR THE EQUIPMENT OF THE DENTAL INFIRMARY.

(4) Copies of bids from the Ritter Dental Supply House, of Chicago, and the S. S. White Dental Manufacturing Company, of Chicago, on the equipment for the infirmary of the College of Dentistry; with a recommendation from Professor James M. White, Supervising Architect, that the contract be awarded to the S. S. White Dental Manufacturing Company on the basis of their bid of six thousand two hundred fifty dollars (\$6,250.00).

On motion of Miss Watson, the foregoing recommendation of the supervising architect's was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### APPOINTMENT OF AN ASSISTANT DEAN OF WOMEN.

(5) A recommendation that Miss Martha J. Kyle be appointed Assistant Dean of Women, beginning August 1, 1913, and continuing until further notice, at a salary as Assistant Dean of Women (in addition to her salary as Instructor of English) of fifty dollars (\$50) a month.

On motion of Mrs. Busey, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

### RECONSTRUCTION OF ROOMS FOR THE WORK IN ANIMAL NUTRITION.

(6) A request from Professor James M. White, Supervising Architect, for an appropriation of five thousand eight hundred dollars (\$5,800) to provide for the reconstruction of the space over the present Stock Judging Pavilion to be used for the work in animal nutrition.

On motion of Mr. Moore, this request was approved, and an appropriation of five thousand eight hundred dollars (\$5,800) was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

### AUTHORITY TO ACCEPT RESIGNATIONS AND FILL VACANCIES.

(7) A request that the President of the University be authorized to accept at his discretion such resignations in the instructional, scientific, and administrative staff as may be presented during the vacation, and that he be authorized to fill within the budget allowances such vacancies as may occur during the vacation because of resignation or declination.

On motion of Mrs. Busey, the foregoing authorization was given as requested.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## MEETING OF THE EXECUTIVE COMMITTEE, JULY 23, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, immediately following the adjournment of the special meeting of the Board of Trustees held on that date.

There were present: Mr. Abbott and Mr. Moore, members of the Executive Committee, and Mrs. Evans and Mrs. Henrotin, members of the board.

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPROPRIATIONS FOR EXTENSION OF CONDUIT.

(1) A request from Professor James M. White, Supervising Architect, that five thousand dollars (\$5,000) be appropriated for the extension of electrical conduit and cable, to provide for fifteen ducts from the Physics Building to the Law Building, for the extension of three ducts from the Dairy Barns to the Stock Judging Pavillon, for six ducts from the Dairy Barns to the Horticultural Green Houses, and for six ducts for 300 feet towards the new Armory and four ducts the balance of the way.

This recommendation was approved.

#### AUTHORITY FOR THE APPOINTMENT OF PROFESSOR FRECHET.

(2) A request that the President of the University be authorized to appoint Professor Fréchet of the University of Poitiers to be Professor of Mathematics in the University of Illinois for the academic year 1914-15, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

#### APPOINTMENTS IN ACCOUNTANCY.

(3) A recommendation that Mr. William A. Chase be appointed Lecturer in Accountancy and Commercial Law, on part time, for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

(4) A recommendation that Mr. H. T. Scoville be appointed Instructor in Accountancy for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

The foregoing recommendations were approved.

#### APPOINTMENT OF AN INSTRUCTOR IN ECONOMICS.

(5) A recommendation that Dr. C. M. Thompson be appointed Instructor in Economics for the academic year beginning September 1, 1913, at a salary of eighteen hundred dollars (\$1,800) for the year.

This recommendation was approved.

## APPOINTMENT IN THE SUPERVISING ARCHITECT'S OFFICE.

(6) A recommendation from Professor James M. White, Supervising Architect, that Mr. George B. Rice be appointed Lecturer on the Installation and Operation of Mechanical Equipment for Buildings, and Assistant Mechanical Engineer in the office of the Supervising Architect, for one year beginning September 1, 1913, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

# APPOINTMENT OF AN ASSISTANT PROFESSOR OF STRUCTURAL ENGINEERING.

(7) A request that the President of the University be authorized to appoint Mr. John I. Parcel to be Assistant Professor of Structural Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

#### APPOINTMENT OF AN ASSISTANT PROFESSOR OF BOTANY.

(8) A request that the President of the University be authorized to appoint Mr. G. R. Lyman to be Assistant Professor of Botany, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

At this point Miss Watson took her seat with the committee.

## BUDGET OF THE STATE WATER SURVEY.

(9) The following proposed budget for the State Water Survey, recommended by Dr. Edward Bartow, Director of the Water Survey, with the request that the President of the University be authorized to approve this budget as submitted, with such modifications as in his judgment may be necessary.

#### STATE WATER SURVEY.

Salaries—		
Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director (1 year)	\$4,000	00
(1 year)	3,500	
Wilfred F. Langelier, Inspector (12 months)	1,500	
Bacteriologist (12 months)  Ralph Hilscher, Assistant Engineer (12 months)	$\frac{1,500}{1,500}$	
Milford E. Hinds, Assistant Chemist (12 months)	840 840	
Floyd W. Mohlman, Assistant Chemist (12 months)	840 1.080	00
Henry L. Huenink, Assistant Chemist (9 months from October 1, 1913)	630	
Maurice C. Sjoblom, Engineering Assistant (12 months)	900 900	00
Wesley W. Hanford, Assistant Chemist, vice Hollman (12 months)	720	00
Carmen F. Harnack, Clerk (C. S.; new salary from July 1, 1913) Marie Jester, Stenographer (C. S.; new salary from July 1, 1913)	780 660	
Jennie B. McMullen, Stenographer (C. S.; new salary from July 1, 1913)	600	
John J. Johnson, Janitor and Laboratory Assistant (C. S.; new	500	
salary from July 1, 1913)	600	
Expenses—	\$21,890	00
Traveling expenses of the Director, Engineer and Assistant Engineers, Chemists and Bacteriologists, and other employees Telegraphing, telephoning, expressage, postage, the purchase of	\$4,000	00
furniture, typewriters, office supplies, printing, engraving and the necessary printing paper and stationery therefor, and other		
necessary expenditures for the maintenance of the office Miscellaneous	$\frac{4,500}{3.031}$	
-	\$11.531	
Total	\$33,421	33
Note.—The above estimate is made on the basis of funds availab 1913, as follows:	le July	1,
State Water Survey appropriation	\$ 7,500	00
Fees Special investigations Special investigations	21,500	00
Balance July I, 1913		
	\$33,421	33

It was voted to authorize the President of the University to approve the foregoing budget of the Water Survey, with such modifications as may seem to him necessary.\*

#### VALUATION OF PROPERTY ADJOINING THE COLLEGE OF DENTISTRY.

President Abbott reported that at his request the Chicago Real Estate Board had made a valuation of the property on Harrison Street, immediately east of the building of the College of Dentistry, in view of the possible desire of the University to purchase this property at some future date as a

<sup>\*</sup> The Secretary subsequently received the following letter from President James, carrying the approval of the budget of the State Water Surevey, as printed above, without change:

August 1, 1913.

Mr. C. M. Mc Conn, Secretary.

MY DEAR SIR: I am inclosing a copy of the appointments in the State Water Survey for the coming year, also a proposed budget, which I hereby approve under the authority given me by the Trustees at their last meeting. Faithfully yours, EDMUND J. JAMES.

location for the School of Pharmacy, and that the Real Estate Board had reported the following valuation:

Land	\$21,600	00
Improvements	9,000	00

Mr. Abbott presented also a bill from the Chicago Real Estate Board of

sixty-five dollars and sixty cents (\$65.60) for making this valuation, which bill was ordered paid.

## APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in positions authorized by the Board of Trustees:

Crane, Rufus, Instructor in General Engineering Drawing, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Duncalf, Frederick, Assistant Professor of History, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum. (July 5, 1913.)

(July 5, 1913.)

Hursh, R. K., Research Assistant in Ceramics, for the months of July and August, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Karrer, Sebastian, Assistant in Physics, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (July 15, 1913.)

Kingsley, John Sterling, Professor of Zoölogy, at a salary of thirty-five hundred dollars (\$3,500) per annum, beginning September 1, 1913. (July 16, 1913.)

Lybyer, Albert Howe, Associate Professor of History, beginning September 1, 1913, at a salary of twenty-eight hundred dollars (\$28,000) per annum. (July 3, 1913.)

Nathanson, Jonas B., Assistant in Physics, on part time, for ten months

Nathanson, Jonas B., Assistant in Physics, on part time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 15, 1913.)

Radcliffe, B. S., Research Assistant in Ceramic Engineering in the Department of Ceramics, for the months of July and August, 1913, at a salary of eighty dollars (\$80) a month. (July 8, 1913.)

## THE REGISTRAR'S REPORT OF FEES PAYABLE, SECOND SEMESTER, 1912-1913.

The secretary presented the registrar's report of fees due from students in the colleges and schools at Urbana for the second semester of the academic year 1912-13.

This report was received for record:

Matriculation Fees— Gross.	Refund.	Net total.
66 @ \$10.00	***************************************	\$652 50
matriculation)		367 50 122 50
Total matriculation fees \$ 1,150 00 Incidental Fees—	\$ 7 50	\$ 1,142 50
2546 @ \$12.00 30,552 00 Refund, 21 @ \$12.00 36 00 6 @ \$6.00 36 00 Refund, 57 @ \$6.00	252 00 342 00	30,300 00 306 00
Tuition Fees— Total incidental fees \$30,588 00	\$594 00	\$29,994 00
395 @ \$7.50—49 @ \$7.50 (matriculated during semester) 2,595 00 Refund, 7 @ \$7.50	78 75	2,542 50 5 00 75 00 2,575 00 62 50 30 00
Total tuition fees \$5,271 25	\$131 25	\$5,140 00

<sup>\*</sup> Refund given because students could not meet matriculation requirements; remainder of fee used for tuition.

Marcia Eleca	Gross.	Refund.	Net total.
Music Fees—  Refund, 1 @ \$4.00.  Refund, 2 @ \$4.25.  1 @ \$4.50.  Refund, 2 @ \$4.50.  Refund, 2 @ \$5.00.  1 @ \$7.50.  Refund, 1 @ \$7.50.  \$8 @ \$9.00  Refund, 1 @ \$7.50.  59 @ \$8.50.  8 @ \$9.00  Refund, 1 @ \$9.00.  1 @ \$11.00. 2 @ \$12.00. 11 @ \$15.00. 2 @ \$19.50. 3 @ \$25.00.  Refund, 1 @ \$25.00.  Refund, 1 @ \$25.00.	\$ 4 50 	Refund. \$ 4 00 8 50 9 00 10 00 7 50	Net total.  -\$ 4 00  -8 50  -10 00  -501 50  63 00  66 00  24 00  165 00  39 00  32 50
Total music fees	\$987 00	\$73 00	\$914 00
Total general fees	\$37,996 25	\$805 75	\$37,190 50
Architecture Botany Ceramics Chemistry Civil engineering Electrical engineering Entomology General engineering drawing Geology Household science Mechanical engineering Mining engineering Physics Physiology Psychology Railway engineering T. & A. mechanics Zoölogy Total Laboratory fees.	$\begin{array}{c} 134 & 00 \\ 7,265 & 00 \\ 151 & 50 \\ 768 & 00 \\ 173 & 50 \\ 299 & 00 \\ 302 & 25 \\ 490 & 50 \\ 237 & 00 \\ 876 & 00 \\ 25 & 50 \\ 876 & 00 \\ 18 & 00 \\ 148 & 00 \\ 411 & 00 \\ \end{array}$	Refund. \$ 9 50 51 00 15 00 374 00 25 00 8 00 7 50 17 86 11 00 12 00 5 50 4 00 14 25	Net total. \$ 436 00 828 00 119 00 6,891 00 149 50 743 00 165 50 291 50 2284 39 479 50 225 00 27 00 856 00 25 50 8 00 144 00 396 75
Total Laboratory fees.  Listener's Fees— 14 @ \$7.50  Special Examination Fees— 210 @ \$5.00  Refund, 1 @ \$5.00.	105 00 1,050 00	\$576 61 5	
Late Registration Fees— 99_@ \$1.00		<b>5</b> 00	1,045 00 99 00
Change Fees—  249 @ \$1.00  Diploma Fees—  683 @ \$5.00	249 00	••••••	249 00
Refund, 2 @ \$5.00		10 00	$3,405 00 \\ 6 00$
Total special fees	\$4,924 00	\$15 00	\$4,909 00
Total fees	\$55,565 50	\$1,397 36	\$54,168 14

## THE COMPTROLLER'S REPORT.

The secretary presented also the report of Prof. George E. Frazer, Comptroller, for the quarter ending June 30, 1913.

This report was received for record:

URBANA, ILL., July 14, 1913.

URBANA, ILL., July 14, 1913.

W. L. Abbott, Esq., President, Board of Trustees, University of Illinois.

DEAR SIR: I am submitting herewith the quarterly report of the cash transactions of the University of Illinois for the quarter ending June 30, 1913.

The report includes a summary of receipts and disbursements, which is supported by schedules showing in details the receipts of the bursar and disbursements against current, State and United States appropriations, together with a statement of balances in these appropriations. A detailed report of the receipts of the treasurer is not included as this report has been submitted to you by the treasurer. The report also includes lists of warrants drawn during the quarter against the general University, School of Pharmacy, College of Medicine and Agricultural Experiment Station funds.

Very truly yours,

Very truly yours, GEO. E. FRAZER, Comptroller.

# RECEIPTS AND DEPOSITS OF THE BURSAR.

	RECEIFIS AND DEPOSITS OF THE	BURSAR.
Balance, April	1, 1913	\$13,208 59
Accountance	\$ 698 8     College	3
Agricultura	l College 15,735 6	3 .
Agricultura	I Experiment Station receipts 9,935 7	3
Alumni Re	cord 2,686 60	)
. Architectur	al prize 50 00	<i>)</i>
Biue print	Tibrary 50 0	) )
Building T	epartment 706 0	3
Chemistry	Department	ń
Class of 18	95 78	}
Engineerin	g College 402 4	5
Engineerin	Experiment Station 169 2	5
Fees—Dipl	omas 3,306 00	)
Fees, 1912-13-		
General	1,560 0	
Laboratory	57 50	)
Fees, Summer	Session, 1913—	_
General .	4,275 5	)
Laboratory	1,035 5	)
Graduate School	of Thesis Deposits 350 00	) :
Hospital Associ	Session, 1913—  4,275 5 1,035 5 1 Thesis Deposits 350 0 tment 35 1 lation 47 6 9 0 137 9	
Incidentals	9 0	
Library fines	137 9	
General .	94 50 13 00	)
Gymnasiun	13 0	Ò
Martin Lare Tileres		
Interest .	79 77 nal of 23 77 ng, Men, Towel fund 364 ip 1,000 0	3
Principal	610 0	)
Philology, Jour	nal of 23 7	
Physical Train	ng, Men, Towel fund 364 0	
Psychology	2 5	)
Plym Fellowsh	ip 1,000 0	) .
Snyder Fund-		ı
Principal	1,092	
Steam Departn	nent	ž -
University Stu	113 8 1,092 2 eent 572 1 lies 93 171 6	)
Water Survey		)
woman's neag	de Loan Fund—	
Interest .	$egin{array}{cccccccccccccccccccccccccccccccccccc$	
Zoölogy	57 3	- 47,214 17
D	f W D ff 1010	- T1,21T 11
Deposits with .	M. W. Busey, Treasurer, 1913—	-
April 25 .	14 679 4	
April 20 a	1,463 0	
April 26 April 28 April 29	134 9	
April 30 .	1,250 4	2 .
May 1.	$ar{2}$	5
May 2.	26 4	4
70.00	05/9	
May 8 . May 8 . May 8 .	363 4	
May 8 . May 8 .	$150 \ 0$	
May 8. May 9.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<i>u</i> 9
May 9 . May 12 .	245 3	2
May 14.	$1.\overline{276}$ $7$	2
May 15 .	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
May 19 .		0
7\/To zz 10	164 5	<u> </u>
May 21 .	3,058 7 374 5 518 7	
May 22 .		
May 24 . May 29 .	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
May 29 . May 31 .	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
June 2 .	832 4	
June 2 . June 5 . June 7 .	2 152 3	
June 7		
June 9		3
June 10 .		3
June 11 . June 17 .	2,430 6	0
June 17	6.471 1	
June 17 .	2,809 3 2,846 4	
June 18 .	2,846 4	
June 20 . June 26 .	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
		,

\$58,293 99 2,128 77

\$60,422 76 \$60,422 76

## DISBURSEMENTS.

# CURRENT APPROPRIATIONS.

CUR	RENT APPR	OPRIATIONS	3.		
Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Accountancy. Agricultural college. Agricultural college. Agricultural experiment station Alumni Quarterly. Alumni Record. Applied mechanics. Art and design. Band instrument deposit. Blue printing. B'nai B'rith library. Botany. Botany. Botany. Buildings and grounds. Chemistry. Classics. Dean of men. Dean of women. Editing University Bulletin. Education, School of. Engineering building site. Engineering building site. Engineering college. Engineering caperiment station. English. Entomology. Geology. Geology. Germanic languages Gymnasium locker High school contest. History. Hospital Association. Illinois Canners Association fund Incidentals. Interest on land contract Labor. Library Library fines. Library student assistants. Library supplies Lincoln Hall dedication Literature and Arts dedication. McKinley fund interest Mathematics. Mathematics. Museum, Lincoln Hall Pharmacy, School of. Philology, Journal of Philology, Journal of	45, 243 00 1,000 00 1,000 00 5, 828 07 1,353 51 500 00 150 500 2,812 14 575 00 2,500 00 15,733 64 100 00 3,000 00 1,000 00 2,250 00 1,000 00 1,334 25 12,044 18 1,052 00 1,733 42 1,550 00 1,340 80 200 00 3,105 50 400 00 1,789 31 1,436 13 10,000 63 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 00 3,145 05 3,145 00 3,145 05 3,145 00	\$ 789 54 30,918 50 10,381 26 750 00 743 42 112 49 243 82 35 00 1,522 46 427 87 1,932 24 100 00 12,327 38 356 28 4 66 863 88 1,241 20 1,241 20 1,241 20 1,241 20 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23 19,785 2,985 30 481 75 4,241 20 10,632 12	\$ 2,598 40 1,265 90 8,412 03 8,412 03 8,412 03 1,021 73 35 77 105 56 649 56 84 61 101 65 1,351 10 18 22 14 77 18 22 14 77 18 22 14 77 18 22 14 77 18 22 14 77 18 22 14 77 18 22 17 33 11 33 17 35 17 35 17 35 17 35 17 35 18 36 19 36 19 37 19 36 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 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11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 38 11 3
Physical training, men Physical training, men— Towel deposit Physical training, women Physical training, women Physical labratory assistants Physiology Plym fellowship Political science Psychology Public school drawing exhibit Rebates to students Romance languages Science, College of Snyder fund, principal	364 00 741 02 600 00 1,900 00 2,000 00 500 00 50 00 50 00 1,00 00 700 00	221 00 288 01 1,364 58 800 00 24 21 500 00 14 55 4,965 33 36 45 3,725 00	206 39 364 00 296 22 222 02 375 63 200 00 20 75	1,763 18 364 00 517 22 510 03 1,740 21 1,000 00 44 96 500 00 41 85 5,617 55 99 20 629 35 3,775 00	223 88 89 97 159 70 1,000 00 5 00 8 11 *217 51 80 70 64 987 51

# ${\tt DISBURSEMENTS-} Continued.$

Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Snyder fund, deposit Snyder fund, interest Sociology. Soil extension Summer library school. Summer session, 1913. Supervising architect. University fellowships. Water survey receipts Women's League loan fund. Zoölogy. Total current appropriations	600 00 50 00 1,019 85 515 00 15,000 00 2,300 00 2,400 00 414 95 337 45 4,750 00	\$2,346 67 300 00 30 29 1,014 80 390 85 1,602 34 1,295 00 23 05 85 00 3,376 81 \$184,913 33	\$ 25 00 300 00 19 71 5 05 	\$2, 371 67 600 00 50 00 1, 019 85 2, 090 35 1, 850 00 355 76 135 00 4, 750 00 \$325, 084 38	\$ 515 00 14,270 45 209 65 550 00 59 19 202 45

## STATE APPROPRIATIONS.

Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Agricultural college	\$415,800 00 9,000 00 80,000 00 3,998 83	\$330,699 73 9,000 00 916 48 3,998 83	\$69,421 84 8,142 13	\$400, 121 57 9,000 00 9,058 61 3,998 83	\$15,678 43 70,941 39
Astronomy Botany Museum Psychology	2, 129 33 900 00 871 84 100 00	1,601 49 900 00	34 88 550 00 86 38	1,636 37 900 00 550 00 99 86	492 96 321 84 14
Total, apparatus and appliances	\$8,000 00	\$6,513 80	\$671 26	\$7,185 06	\$814 94
ArmoryBuildings and grounds	\$100,000 00 50,000 00	\$53,172 41 47,263 01	\$12,845 94 2,736 99	\$78,018 35 50,000 00	\$21,981 65
Closed out Lincoln hall Natural history	3,407 79 3,480 84 1,111 37	3,407 79 2,792 29 689 59	592 16 358 27	3,407 79 3,384 45 1,047 86	96 39 63 51
Totals, cabinets	\$8,000 00	\$6,889 67	\$950 43	\$7,840 10	\$159 90
Ceramics. Ceramics building. Chemical laboratory. Clinic building. Cold storage. Commerce building. Crop experiments Dairy barn Dairy investigation. Drains, fences and repairs.	\$ 30,000 00 21,000 00 20,000 00 5,000 00 9,000 00 125,000 00 10,000 00 30,000 00 5,000 00	\$ 25, 126 96 21,000 00 19,822 25 	\$ 4,021 71 177 75 	\$ 29,148 67 21,000 00 20,000 00 	\$ 851 33 5,000 00 9,000 00 10,024 75 2,517 88 2,162 26
Engineering building and grounds	200,000 00	181,328 49	13,943 97	195,272 46	4, 727 54
Closed out College Experiment station Salaries	74,391 40 31,975 03 43,633 57 30,000 00	74,391 40 20,905 45 28,266 75 20,999 86	6,800 39 11,770 90 9,000 14	74,391 40 27,705 84 40,037 65 30,000 00	4,269 19 3,595 92
Total, engineering extension and maintenance	\$180,000 00	\$144,563 46	\$27,571 43	\$172,134 89	\$7,865 11
Fire protection Floriculture Glass house Graduate school Gymnasium Heat and light plant	\$ 3,000 00 16,000 00 30,000 00 100,000 00 5,000 00 30,000 00	\$ 3,000 00 15,348 97 27,032 24 68,122 72 5,000 00 30,000 00	\$ 651 03 2,638 81 19,167 77	\$ 3.000 00 16,000 00 29,671 05 87,290 49 5,000 00 30,000 00	\$ 328 95 12,709 51

# DISBURSEMENTS—Continued.

Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Horticulture	\$30,000 00 5,000 00	\$27,832 51 2,627 79	\$2,167 49 8 27	\$30,000 00 2,636 06	\$2,363 94
Closed out	32,411 82 16,208 02 16,208 02	32, 411 82 16, 208 02 11, 374 93	4,833 09	32, 411 82 16, 208 02 16, 208 02	
Total, interest on endow- ment fund	\$64,827 86	\$59,994 77	\$4,833 09	\$64,827.86	
Law building. Law school Library Live stock specimens Mines investigation Mining building, Mining engineering	\$ 15,000 00 50,000 00 50,000 00 22,500 00 10,000 00 25,000 00 30,000 00	\$ 10, 254 89 39, 437 98 38, 871 91 20, 438 46 8, 581 84 24, 775 91 22, 168 13	\$ 1,156 97 7,509 59 9,285 53 1,254 06 1,409 83 224 09 4,734 10	\$ 11,411 76 46,947 57 48,157 44 21,692 52 9,991 67 25,000 00 26,902 23	\$ 3,588 24 3,052 43 1,842 56 807 48 8 33
Operating expense— Closed out. Board expense. Comptroller's office. Furniture and fixtures. Heat and light. High school visitor. Lectures. President's office. Printing and postage. Registrar's office. Salaries for instruction. Salaries for services. Summer session, 1912.	545, 561 62 2, 500 00 3, 270 00 5, 000 00 40, 000 00 2, 900 00 5, 000 00 12, 000 00 12, 000 00 14, 220 00 416, 556 20 97, 000 00 13, 692 18	545,561 62 2,500 00 1,620 69 1,420 24 29,675 42 2,071 36 1,909 57 1,032 32 6,187 23 3,200 18 306,566 11 72,949 10 13,699 18	830 99 651 41 8,883 26 808 61 801 10 967 68 5,812 77 1,019 82 110,542 18 26,429 06	545,561 62 2,500 00 2,451 68 2,071 65 38,558 68 2,879 97 2,710 67 2,000 00, 12,000 00 4,220 00 417,108 29 99,878 16 13,692 18	818 32 2, 928 35 1, 441 32 20 03 2, 289 33 * 252 09 * 2, 378 16
Total operating expense		\$988,386 02	\$156,746 88	\$1, 145, 132 90	\$4,867 10
Pavements and walks. Pharmacy. School of. Sheep building Shop practice. Social and political science. Soil investigation Soil maps Stock investigation Telephone exchange. University (Lincoln) hall Veterinary college and research	\$ 8,000 00 20,000 00 2,000 00 12,000 00 150,000 00 130,000 00 50,000 00 50,000 00 3,000 00 250,000 00	\$ 7,051 81 20,000 00 2,000 00 11,763 13 38,617 32 118,551 63 18,525 83 49,887 66 2,159 46 249,549 20	\$ 779 89 236 87 7,326 79 11,448 37 1,730 70 112 34 548 07	\$ 7,831 70 20,000 00 2,000 00 12,000 00 45,944 11 130,000 00 20,256 55 50,000 00 2,707 53 249,549 20	\$ 168 30 4,055 89 29,743 42 292 47 450 80
laboratory. Water investigation. Water station. Water survey. Woman's building addition	30,000 00 30,000 00 4,000 00	28,399 42 24,476 09 4,000 00 10,591 03 94,605 00	1,600 58 4,580 15 1,490 59 23,062 60	30,000 00 29,056 24 4,000 00 12,081 62 117,667 60	943 76 2,918 38 7,332 40
Totals, State appropriation.	\$3,751,127 86	\$3,092,892 99	\$427,937 96	\$3,520,830 95	\$230, 296 9

# UNITED STATES APPROPRIATIONS.

Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
\$15,000 00 1,140 77 15,000 00 218 41	\$10,126 62 9,652 28 212 96	\$4,873 38 5,347 72 5 45	\$15,000 00 15,000 00 218 41	\$1, 140 77
12,500 00 12,500 00 \$25,000 00	12,500 00 12,500 00 \$25,000 00		12,500 00 12,500 00 \$25,000 00	
	of appropria- tion. \$15,000 00 1,140 77 15,000 00 218 41 12,500 00 12,500 00	of appropriation. ments before reported.  \$15,000 00 \$10,126 62 \\ 1,140 77 \\ 15,000 00 218 41 \$212 96 \\ 12,500 00 12,500 00 \\ 12,500 00 12,500 00	of appropriation. ments before reported. ments quarter.  \$15,000 00 \$10,126 62 \$4,873 38 1,140 77 15,000 00 9,652 28 5,347 72 218 41 212 96 5 45 12,500 00 12,500 00 12,500 00	of appropriation reported. ments before this quarter. sistements.  \$15,000 00 \$10,126 62 \$4,873 38 \$15,000 00 1,140 77 15,000 00 9,652 28 5,347 72 15,000 00 218 41 212 96 5 45 218 41 12,500 00 12,500 00 12,500 00 12,500 00 12,500 00 12,500 00

# DISBURSEMENTS-Concluded.

	1		1	<del></del>	1
Appropriation.	Amount of appropria- tion.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Nelson fund— Agricultural college General	\$12,500 00 12,500 00	\$12,500 00 4,891 37	\$7,608 63	\$12,500 00 12,500 00	
Total, Nelson fund	\$25,000 00	\$17,391 13	\$7,608 63	925,000 00	
Total U.S. appropriation	\$81,359 18	\$62,383 23	\$17,835 18	\$80,218 41	\$1,140 77
Grand totals	\$4,206,617 78	\$3,340,189 55	\$585,944 19	\$3,926,133 74	\$280,484 04

# CASH SUMMARY.

Balance, April 1, 1913		\$800,199 76	
Treasurer (not including remittances of chief clerk)	18,655 05	65,869 22	
Disbursements for the quarter			\$585,944 19
Treasurer (allowing for outstanding warrants)	277,996 02		280, 124 79
		\$866,068 98	\$866,068 98

<sup>\*</sup> Overdrafts.

The Executive Committee adjourned.

C. M. McConn, Clerk.

W. L. ABBOTT, ALLEN F. MOORE.

# Meeting of August 26, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held in the Blackstone Hotel, in the city of Chicago, at 12 m., on Tuesday, August 26, 1913, pursuant to the following notice which was sent out by the secretary on August 18, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University will be held in the Blackstone Hotel, in the city of Chicago, on Tuesday, August 26, 1913, beginning at 12:00 M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson.

## CONSUMMATION OF LAND PURCHASE DELAYED.

President Abbott reported that he had been advised by Governor Dunne that protests had been made in regard to the purchase of land ordered by the board at its meeting of July 23 (pp. 606 and 625), and had been requested by the Governor to delay the consummation of this purchase until it could be further considered, and that accordingly he had requested the State Auditor to draw no warrants for this purchase until further notice.

## SPECIAL COMMITTEE TO CONSIDER LAND PURCHASE.

President Abbott stated that he proposed to appoint a special committee for the further consideration of this land purchase, this committee to consist of the Governor, the President of the Board of Trustees, and the Chairman of the Finance Committee of the board. An informal poll of the members present showed that all of them approved of this proposed procedure.

## REPORT OF THE COMMITTEE ON STUDENT'S WELFARE: APPRO-PRIATION FOR SYSTEM OF FRESHMAN ADVISERS.

Mrs. Evans, as Chairman of the Committee on Students' Welfare, reported that this committee had approved the request of Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, for an appropriation of eighteen hundred dollars (\$1800) to provide for a system of freshman advisers to be tried during the coming year; this request having been referred to the Committee on Students' Welfare at the meeting of July 23, 1913 (page 602), with power to act.

The board adjourned to meet in the office of the Governor, at Springfield, at 10 A.M., on Saturday, September 6, 1913.

W. L. ABBOTT, President.

C. M. McConn, Secretary.

# Meeting of September 6, 1913.

Pursuant to the adjournment taken at the meeting of August 26, 1913, the Board of Trustees of the University of Illinois met in the office of the Governor, at Springfield, on Saturday, September 6, 1913, beginning at 10 A.M.

The following members were present: Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Trevett. President James and Dr. Eugene Davenport, Dean of the College of Agriculture, were present.

# APPROVAL OF PURCHASE OF LAND.

President Abbott stated that the first matter to come before the meeting was the question of the purchase of land, which was ordered by the Board of Trustees at its meeting of July 23, 1913 (pp. 606 and 625), but the consummation of which had been delayed at the request of the Governor until it could be further considered.

Dean Davenport was heard in regard to this matter, and showed that the piece of land in question is the only piece of land contiguous to the present campus which, in its character and in the way it lies, is suitable for the purpose for which this land is especially desired, namely, for experimentation in horticulture—all other contiguous land being corn land and not orchard land. It appeared that a special committee appointed by the Illinois State Horticultural Society, consisting of five leading horticulturists from different parts of the State had looked over the entire region about the University within a radius of five miles, and had urgently recommended the purchase of this particular tract, even stating that if it could not be had at the price which it is proposed to pay, it ought to be purchased at double that price rather than to suffer the loss to the cause of scientific investigation in horticulture in this State that would result from the failure to secure the one tract of land suitable for this purpose in the immediate neighborhood of the University.

An extended discussion followed. In the course of this discussion it appeared that by comparison with the prices which have been offered by other parties for portions of the land in question, and by comparison with the prices which have been paid for other similar tracts in the neighborhood of the University, the prices which it is proposed to pay for this land are not excessive.

### RESOLUTION.

President Abbott then offered the following resolution:

President Abbott then offered the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois on July 2, 1913, by unanimous vote referred the question of the purchase of land to the Finance Committee of the board for consideration and report; and,

WHEREAS, The said Finance Committee reported to the said Board of Trustees on July 23, 1913, recommending the purchase of one hundred sixty acres of land known as the "Busey tract," lying immediately east of property now owned by the University, at the price of one thousand dollars (\$1,000) per acre, and the purchase of an additional one hundred sixty acres lying immediately south of said "Busey tract," at the price of six hundred dollars (\$600) per acre; and,

WHEREAS, The Board of Trustees, on July 23, 1913, by unanimous vote, eight members being present, authorized the officers of the board to close the purchase of the tracts of land recommended by the Finance Committee for purchase; and,

WHEREAS, Vouchers were issued by the Comptroller of the University in payment of said purchase money, the titles for the several tracts having been

approved by Savage & Woods, examining attorneys, and the State Auditor was requested to issue his warrants for the several sums; and,

WHEREAS, Before the warrants were issued the President of the Board of Trustees requested the State Auditor not to issue the warrants until further notice, because of a request from the Governor of the State that the transaction be not completed until he had had an opportunity to acquaint himself with the details of the purchase, in order to satisfy himself that the price to be paid was not excessive; therefore, be it

Resolved, That the State Auditor be requested to issue his warrants immediately for the said sums, in payment of vouchers presented for the properties acquired; since the Board of Trustees is convinced that the acquisition of said properties, consisting altogether of three hundred twenty acres, is desirable and necessary for the work of the University, and that the price agreed upon is not an excessive price considering the location of the properties and the prices actually paid for similar properties in the neighborhood within the last four or five years.

On motion of Mrs. Evans, the foregoing resolution was adopted; all the

On motion of Mrs. Evans, the foregoing resolution was adopted; all the members present voting "aye," with the exception of Governor Dunne, who asked to be excused from voting, for the reason that he had not been able to make a personal investigation of the character and value of the land in question and other land in the neighborhood of the University. afternoon session Dr. Montgomery recorded his vote on the foregoing resolution as "aye.")

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### IMPROVEMENTS IN MECHANICAL ENGINEERING SHOPS.

(1) A request from Professor James M. White, Supervising Architect, that an appropriation of three thousand dollars (\$3,000) be made for improvements in the shops of the Department of Mechanical Engineering.

On motion of Mr. Blair, this request was approved, and the appropriation of three thousand dollars (\$3,000) was made; the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

## PURCHASE OF THE RHINEHART TRACT.

(2) A recommendation that the officers of the board be authorized to close the purchase of the ten acres known as the "Rhinehart tract," lying between Sixth Street and the Illinois Central Railroad immediately south of the land recently acquired by the Athletic Association, and that an appropriation of eight thousand dollars (\$8,000\$) or as much thereof as may be necessary be made for this purpose; and, further, that this tract, or so much thereof as may be necessary, be assigned to the use of the Department of Botany until further notice, with the provision that no plantings shall be made in this tract that would be an entire loss, or should require more than two years for their removal without loss, should the tract be used later for other purposes.

Upon motion of Mr. Hoit, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

### PURCHASE OF AUGUSTUS PROPERTY APPROVED.

(3) A recommendation that the board approve the action of the President of the Board of Trustees in ordering the purchase of the land known as the "Augustus property," a tract of thirteen acres lying between the present campus and the present south farm, for the sum of twenty thousand dollars (\$20,000); it having been necessary to make this purchase at the time when President Abbott ordered it made, July 31, 1913, in order to take advantage of an option which was about to expire and which could not have been renewed on equally favorable terms.

On motion of Mr. Trevett, it was voted to approve the action of the president of the board in ordering this purchase, and to make the requisite appropriation of twenty thousand dollars (\$20,000). The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

#### FURTHER PURCHASE OF LAND.

(4) A recommendation that the board authorize the acquisition of further land suitable for sites for a zoological laboratory, a botanical laboratory, an insectary, a University storehouse, a School of Education Building, and a women's residence hall; that reasonable prices be tendered to the owners of the sites that may be selected; and that if these prices be not accepted the Counsel of the University be instructed to initiate proceedings for the acquisition of the property by condemnation.

Governor Dunne suggested the following resolution on the subject of this recommendation: That the Finance Committee be authorized to negotiate for the purchase of sites for a zoölogical laboratory, a botanical laboratory, an insectary, a University storehouse, a school of education building, and a women's residence hall at reasonable prices, and in case options can not be secured at reasonable prices, to commence condemnation proceedings for the acquirement thereof.

On motion of Mr. Trevett, the foregoing resolution suggested by Governor Dunne was adopted, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

#### APPOINTMENT OF DIRECTOR OF PHOTOGRAPHIC LABORATORIES.

(5) A recommendation that the President of the University be given authority to appoint Mr. Arthur G. Eldredge to be Instructor in Photography and Director of the Photographic Laboratories, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1913, or as soon thereafter as he may report for service in Urbana.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

#### ADJUSTMENT IN THE SALARY OF MR. W. A. CHASE.

(6) A recommendation that the salary of Mr. William A. Chase as Lecturer in Accountancy and Commercial Law, on part time, for the academic year 1913-14, be fixed at twenty-four hundred dollars (\$2,400), instead of two thousand dollars (\$2,000) as was approved by the Executive Committee on July 23, 1913, (page 628); the recommendation that this salary be fixed at two thousand dollars having been based on incomplete information.

On motion of Mr. Blair, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

# CORPORATION TAX FOR THE COLLEGE OF PHYSICIANS AND SURGEONS.

(7) A recommendation from Dean O. A. Harker, Legal Counsel of the University, that the comptroller be authorized to pay the corporation tax assessed against the College of Physicians and Surgeons for the year 1912, and that an appropriation of two hundred fifty dollars (\$250) or as much thereof as may be necessary, be made for this purpose.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

### PAVING OF BURRILL AVENUE AND THE EAST DRIVEWAY.

(8) A recommendation from Professor James M. White, Supervising Architect, that the sum of six thousand dollars (\$6,000) be appropriated for the paving of Burrill Avenue from Green Street as far south as the Auditorium with tarvia, and that the east driveway be laid out according to a plan submitted and be paved as far south as the Auditorium with the same material, and that elms be planted on both sides of it.

This recommendation was referred to the Committee on Buildings and Grounds for consideration and report.

#### PRINTING OF PROCEEDINGS AT THE DEDICATION OF LINCOLN HALL.

(9) A recommendation that the President of the University be authorized to make an arrangement with the Houghton Mifflin Company, of Boston, Mass., for the publication of the addresses given at the dedication of Lincoln Hall, with such an account of the proceedings as may be deemed desirable, and that an appropriation of eight hundred fifty dollars (\$850) be made for this purpose.

On motion of Mr. Blair, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

# CO-OPERATION WITH THE EUGENICS RECORD OFFICE OF THE AMERICAN BREEDERS ASSOCIATION.

(10) A communication from Mr. H. H. Laughlin, Superintendent of the Eugenics Record Office of the American Breeders' Association, suggesting an arrangement for cooperative work between his office and the University of Illinois in investigating the data collected by Mr. Matthews, of Onarga, concerning the life histories of children of criminal parents and in preparing this data for publication if it should prove to be of sufficient value.

On motion of Mr. Blair, it was voted that the President of the University be authorized to investigate this proposition, that he be authorized to enter into such an arrangement as is proposed by Mr. Laughlin if, in his judgment, the results to be obtained promise to be of sufficient value, and that an appropriation of one thousand dollars (\$1,000), or as much thereof as may be necessary, be made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

# OFFER OF \$1000 FROM THE WOMAN'S BOARD OF MISSIONS OF THE INTERIOR.

(11) A letter from Miss Florence Starr of the Executive Committee of the Woman's Board of Missions of the Interior of the Congregational Church, asking that the Board of Trustees accept again the sum of one thousand dollars (\$1,000), which was formerly given to the College of Medicine for the establishment of a scholarship, but which was repaid when the University closed its College of Medicine on July 1, 1912, and that the board re-establish the scholarship.

No action was taken with reference to this matter.

#### ENTRANCE REQUIREMENT OF THE SCHOOL OF PHARMACY RAISED.

(12) A recommendation from the Advisory Board of the School of Pharmacy that the entrance requirements of the school be advanced to two years in an accredited high school or the full equivalent thereof, this requirement to be effective for the school year 1914-15.

On motion of Mr. Blair, this recommendation was approved.

#### LEAVE OF ABSENCE FOR PROFESSOR HOPKINS.

(13) A letter from Dr. Eugene Davenport, Dean of the College of Agriculture, transmitting a request from Dr. C. G. Hopkins, Professor of Agronomy, for a leave of absence without pay for one year beginning November I, 1913, to enable him to accept the position of Director with the Southern Settlement and Development Association; with the recommendation that this request of Dr. Hopkins be granted and that Dr. L. H. Smith, Professor of Plant Breeding, be appointed Acting Head of the Department of Agronomy, for one year beginning November 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) for the year.

On motion of Mr. Trevett, this request was granted.

#### MORTGAGE TO CHICAGO BOARD OF EDUCATION PAID.

(14) A letter from Professor George E. Frazer, Comptroller, calling attention to the fact that a mortgage note of ten thousand dollars (\$10,000) with interest from July 1, 1913, will be due to the Chicago Board of Education on November 1, 1913; with the recommendation that the comptroller be authorized to pay this note with accrued interest, and that an appropriation of ten thousand dollars

(\$10,000) plus the necessary sum for interest to November 1 be made, to be charged to the proceeds of fees from the medical students.

On motion of Mr. Hoit, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

## VALUATION OF MEDICAL PROPERTY.

(15) A statement from Secretary W. H. Browne, of the College of Medicine, showing the valuation made by the Chicago Real Estate Board of the property given to the University by the College of Physicians and Surgeons.

This letter was received to be printed in the minutes:

CHICAGO, ILL., July 21, 1913.

Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.

My DEAR DOCTOR JAMES: In reply to your letter of the 19th inst., relative to the value placed by the Chicago Real Estate Board on the medical property, I will say that on advice from that board this morning the following is their valuation in whole and by items: Total valuation ......\$245,000 00

60,000 00 Land Of which sum the land on which the Medical Building proper stands
Harrison Street frontage of 100 feet
dings stands Buildings

25,000 00 00 185,000 00 ... 185,000 00 25 ... 155,000 00 00 9 Total ......\$245,000 00

Mr. J. A. Wendell, banker and real estate man, Ogden Avenue and Madison Street, a member of the Keal Estate Board Committee which appraised this property two or three months ago, assured me over the telephone today that this value of \$25,000 or \$250 a foot for the Harrison Street frontage is a fair one.

Trusting this gives you the desired information, I am,

Very truly yours,

WILLIAM H. BROWNE, Secretary.

#### INCREASES IN SALARIES.

(16) Recommendations as follows with respect to increases in salaries:

(a) That the salary of Dr. David Kinley as Vice-President of the University be fixed at one thousand dollars (\$1,000) for the year beginning September 1, 1913; this amount to be additional to the amount of his salary as Dean of the Graduate School, Director of the Courses in Business Administration, and Professor of Economics.

(b) That the salary of Mr. C. R. Richards as Acting Dean of the College of Engineering be fixed at seven hundred fifty dollars (\$750) for the year beginning July 1, 1913; this amount to be additional to the amount of his salary as Professor of Mechanical Engineering.

(c) That the salary of Mr. T. A. Clark, Dean of Men and Professor of Rhetoric, be fixed at six thousand dollars (\$6,000) for the year beginning September 1, 1913.

Rhetoric, be fixed at six thousand dollars (\$6,000) for the year beginning september 1, 1913.

(d) That the salary of Mr. O. A. Harker as Legal Counsel of the University be fixed at one thousand dollars (\$1,000) for the year beginning September 1, 1913; this amount to be additional to the amount of his salary as Dean of the College of Law and Professor of Law.

(e) That the salary of Dr. A. H. Daniels, Professor of Philosophy, be fixed at four thousand dollars (\$4,000) per annum, beginning September 1, 1913.

(f) That the salary of Mr. George A. Huff, Director of Physical Training for Men, be fixed at five thousand dollars (\$5,000) per annum, beginning September 1, 1913. Mr. Huff having agreed to cancel all contracts and relations with professional baseball teams and to give all his time to the University.

On motion of Mr. Hoit, the foregoing recommendations were approved,

On motion of Mr. Hoit, the foregoing recommendations were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

### SALARIES OF PROFESSORS GARDNER AND LINCOLN.

(17) The following recommendation in regard to salaries in the College of

Medicine:

(a) That the salary of Dr. Stella M. Gardner as Assistant Professor of Microscopical and Chemical Diagnosis and Director of the Laboratory of Microscopical and Chemical Diagnosis in the College of Medicine be fixed at one thousand

dollars (\$1,000) for the year beginning October 1, 1913.

(b) That the salary of Dr. Mary C. Lincoln as Assistant Professor of Microscopical and Chemical Diagnosis and Assistant in the Laboratory of Microscopical

and Chemical Diagnosis in the College of Medicine be fixed at six hundred dollars (\$600) for the year beginning October 1, 1913.

On motion of Mr. Blair, the foregoing recommendations were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson. A recess was then taken until 1:45 p.m.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett. President James was present.

The secretary presented the minutes of the morning session, and Dr. Montgomery recorded his vote on the several matters voted on at that session as noted above in the case of each motion.

At this point Mr. Abbott, having asked Mr. Hoit to take the chair, withdrew.

## REPORT OF COMMITTEE ON COLLEGE OF MEDICINE.

The secretary presented the following report from the Committee on the College of Medicine and the School of Pharmacy, which was received for

August 4, 1913.

A meeting of Committee on the College of Medicine and the School of Pharmacy was held at 120 West Adams Street, Chicago, August 4, 1913.

Present: Dr. J. T. Montgomery, Chairman, Mrs. Henrotin, and Mr. Abbott. President James was also present.

President James presented a list of nominations for the clinical faculty of the Medical College for the year 1913-14. After an extended discussion Mrs. Henrotin moved and it was voted that the president be authorized to make the appointments submitted.

submitted.

submitted.

President James presented a list of nominations for instructors and quiz masters. It was moved by Mr. Abbott and voted that the president be authorized to make the appointments submitted.

These authorizations were given with the understanding that with each appointment should go a letter from the president stating that the appointments are for one year only and with no implication that the appointment will be repeated for the following year.

The president presented a communication from Dr. Bacon requesting an appropriation of twenty-five hundred dollars (\$2,500) for the equipment and support of the obstetric work of the clinical years. On the president's recommendation Mrs. Henrotin moved and it was voted that this appropriation be recommended to the board.

The committee adjourned.

. J. T. MONTGOMERY, Chairman.

#### CLINICAL FACULTY, COLLEGE OF MEDICINE.

The following is the list of appointments in the clinical faculty of the College of Medicine, authorized in the foregoing report of the Committee on the College of Medicine and the School of Pharmacy: (These appointments were referred to this committee, with power to act, at the meeting of July 23, 1913, p. 625.)

William Edward Quine, M.D., LL.D., Professor of Medicine, Emeritus, and

Henry Parker Newman, A.M., M.D., Professor of Gynecology and Clinical Gynecology, *Emeritus*.

John Erasmus Harper, A.M., M.D., Professor of Ophthalmology and Clinical

Ophthalmology, Emeritus.

# Department of Medicine.

Charles Spencer Williamson, B.S., M.D., Professor of Medicine and Clinical Medicine and Head of the Department of Medicine.

Maurice Louis Goodkind, M.D., Professor of Medicine and Clinical Medicine.

Joseph McIntyre Patton, M.D., Professor of Clinical Medicine.

Edward Louis Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine. Professor of Medicine and Clinical

Clinical Medicine.

John Weatherton, C.E., M.D., Assistant Professor of Medicine and Head of the Instructors in Senior Medicine; Recording Secretary of the Faculty.

#### Sub-Department of Pediatrics.

Frank Breckenridge Earle, M.D., Professor of Pediatrics.
Julius H. Hess, M.D., Associate Professor of Clinical Pediatrics.
Emanuel Oliver Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

Sub-Department of Diseases of the Chest and Physical Diagnosis.

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine. Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

Sub-Department of Microscopical and Chemical Diagnosis.

Stella May Gardner, M.D., Assistant Professor of Microscopical and Chemical Mary C. Lincoln, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

Department of Surgery.

Daniel Atkinson King Steele, M.D., LL.D., Professor of Surgery and Clinical Surgery and Head of the Department of Surgery.

Thomas Archibald Davis, M.D., Professor of Clinical Surgery.

William McIntyre Harsha, A.B., M.D., Professor of Surgery and Clinical

Surgery.

Albert John Ochsner, B.S., M.D., Professor of Surgery and Clinical Surgery. Charles Davison, M.D., Professor of Surgery and Clinical Surgery. Daniel Nathan Eisendrath, A.B., M.D., Professor of Surgery and Clinical

Surgery. Albert E. Halstead, M.D., Professor of Surgery and Clinical Surgery. Charles Edward Humiston, M.D., Associate Professor of Surgery and Clinical

Surgery.

Melson Mortimer Percy, M.D., Associate Professor of Clinical Surgery. Edward Milton Brown, M.D., Associate Professor of Clinical Surgery. Frank Donald Moore, M.D., Assistant Professor of Surgery and Clinical

Surgery. Frederick George Dyas, M.D., Assistant Professor of Surgery and Clinical

Surgery. George Farnsworth Thompson, B.S., M.D., Assistant Professor of Surgery and Clinical Surgery.

Sub-Department of Orthopedic Surgery.

John Lincoln Porter, M.D., Professor of Orthopedic Surgery. Charles Mayer Jacobs, M.D., Associate Professor of Clinical Orthopedic Surgery.

#### Sub-Department of Operative Surgery.

William Fuller, M.D., Associate Professor of Operative Surgery.

#### Department of Psychiatry.

Oscar Augustus King, M.D., Professor of Psychiatry and Head of the Department of Psychiatry, and Professor of Clinical Neurology.

Ulysses Grant Darling, M.D., Assistant Professor of Psychiatry and Clinical Neurology.

Haim I. Davis, M.D., Assistant Professor of Clinical Psychiatry.

Department of Neurology.

Lee Harrison Mettler, A.M., M.D., Professor of Neurology and Clinical Neurology and Head of the Department of Neurology. George Borris Hassin, M.D., Assistant Professor of Neurology.

#### Department of Obstetrics.

Charles Summer Bacon, Ph.B., M.D., Professor of Obstetrics and Clinical Obstetrics and Head of the Department of Obstetrics.
Rachelle S. Yarros, M.D., Associate Professor of Obstetrics and Clinical

Obstetrics,
Cecil V. Bachelle, M.S., M.D., Assistant Professor of Obstetrics.
Otto Herman Rohrlack, Ph.G., M.D., Assistant Professor of Obstetrics and Clinical Obstetrics.

## Department of Gynecology.

Henry Truman Byford, A.M., M.D., Professor of Gynecology and Clinical Gynecology and Head of the Department of Gynecology.

Channing Whitney Barrett, M.D., Professor of Gynecology and Clinical

Gynecology.

Mary Gilruth McEwen, M.S., M.D., Assistant Professor of Clinical Gynecology.

John Michael Lang, M.D., Assistant Professor of Clinical Gynecology.

#### Department of Dermatology.

William Allen Pusey, A.M., M.D., Professor of Dermatology and Head of the Department of Dermatology.

Frederick Gillette Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases.

Department of Laryngology, Rhinology, and Otology.

William Lincoln Ballenger, M.D., Professor of Larynogology, Rhinology, and Otology, and Head of the Department of Laryngology, Rhinology, and Otology.

Joseph C. Beck, M.D., Associate Professor of Laryngology, Rhinology, and

Otology, Arthur Mills Corwin, M.D., Assistant Professor of Clinical Laryngology,

Rhinology, and Otology.

Richard Hunt Brown, M.D., Assistant Professor of Clinical Laryngology, Rhinology, and Otology.

Rhinology, and Otology.

Norval Pierce, M.D., Professor of Otology and Clinical Otology.

Department of Ophthalmology.

Casey A. Wood, A.M., M.D., Professor of Ophthalmology and Head of the Department of Ophthalmology.

William Elliott Gamble, B.S., M.D., Associate Professor of Clinical Oph-

thalmology.

John Brown Loring, M.D., Assistant Professor of Clinical Ophthalmology.

Enhraim Kirkpatrick Findlay, M.D., Assistant Professor of Clinical Ophthal-

#### Department of Medical Jurisprudence.

Elmer DeWitt Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence. Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence.

# INSTRUCTORS, ASSISTANTS, AND QUIZMASTERS IN JUNIOR AND SENIOR YEARS.

#### Department of Medicine.

artment of Medicine.

George J. Lorch, M.D., Instructor in Junior Medicine.

Edward A. Corcoran, M.D., Instructor in Junior Medicine.

Charles H. Schmidt, M.D., Instructor in Junior Medicine.

Henry Eugene Irish, M.D., Instructor in Junior Medicine.

Harry Jerome Smejkal, M.D., Instructor in Junior Medicine.

Frank J. Wright, M.D., Instructor in Clinical Medicine.

Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.

Robert William Morris, M.D., Instructor in Senior Medicine.

William David McDowell, M.D., Instructor in Senior Medicine.

Waldemar Eberhardt, M.D., Instructor in Senior Medicine.

Waldemar Eberhardt, M.D., Instructor in Senior Medicine.

## Sub-Department of Pediatrics.

Wilbur Maynard French, M.D., Instructor in Clinical Pediatrics.
Lois Lindsey Wynekoop, M.D., Instructor in Clinical Pediatrics.
William A. Ribbeck, M.D., Instructor in Pediatrics and Clinical Pediatrics.
John A. Christian, M.D., Instructor in Pediatrics.
Edward K. Armstrong, M.D., Instructor in Clinical Pediatrics.

## Sub-Department of Diseases of the Chest and Physical Diagnosis.

Alexander B. Raff, M.D., Instructor in Diseases of the Chest. Walter Bradford Metcalf, M.D., Instructor in Diseases of the Chest. Clarence T. Roome, M.D., Instructor in Diseases of the Chest. Frank Chauvet, M.D., Instructor in Physical Diagnosis. Louis Rudolph, M.D., Instructor in Physical Diagnosis.

## Department of Surgery.

John Ross Harger, B.S., M.D., Instructor in Junior Surgery and Minor Surgery. George Luther Davenport, M.D., Instructor in Minor Surgery and Senior Surgery.

Arrie Bamberger, M.D., Instructor in Minor Surgery. John Milton Berger, M.D., Heal Instructor in Senior Surgery and Assistant

John Milton Bergery, M.D., Heal Instructor in Senior Surgery and Assistant in Clinical Surgery.

Raymond William McNeally, M.D., Instructor in Senior Surgery.

Henry Lester Baker, M.D., Instructor in Senior Surgery.

Henry Lester Baker, M.D., Instructor in Senior Surgery.

Charles Herbert Phifer, M.D., Instructor in Senior Surgery.

French S. Cary, M.D., Instructor in Senior Surgery.

French S. Cary, M.D., Instructor in Senior Surgery.

Charles M. McKenna, M.D., Instructor in Senior Surgery.

Frederick Hamilton Blayney, A.M., M.D., Assistant in Clinical Surgery.

George Washington Post, Jr., B.S., A.M., M.D., Assistant in Clinical Surgery.

Robert Emmett Flannery, M.D., Assistant in Clinical Surgery.

Henry Lester Baker, M.D., Assistant in Clinical Surgery.

Elmer W. Schnoor, M.D., Assistant in Clinical Surgery.

B. L. T. Woods, M.D., Assistant in Clinical Surgery.

Alexander Donald Ferguson, M.D., Assistant in Clinical Surgery.

# Sub-Department of Orthopedic Surgery.

D. Alexander, M.D., Instructor in Orthopedic Surgery. H. W. Maltby, M.D., Assistant in Orthopedic Surgery. W. A. Clarke, M.D., Assistant in Orthopedic Surgery.

Sub-Department of Operative Surgery.

Bert Leslie Taylor Woods, M.D., Instructor in Operative Surgery. William Chester Smith, M.D., Instructor in Operative Surgery. Arthur Barnett Eustace, M.D., Instructor in Operative Surgery. Archie James Graham, M.D., Instructor in Operative Surgery.

Department of Psychiatry.

Myer Solomon, M.D., Instructor in Psychiatry and Clinical Psychiatry. John Ralph Ballenger, M.D., Instructor in Psychiatry and Clinical Psychiatry.

Department of Neurology.

Alexander Sandor Harshfield, M.D., Instructor in Neurology. Myer Solomon, M.D., Instructor in Neurology. Benjamin Braude, M.D., Instructor in Neurology. Isador Bernard Diamond, M.D., Instructor in Neurology. Edward F. Leonard, M.D., Instructor in Neurology.

Department of Obstetrics.

Richard Charles Steffan, M.D., Instructor in Obstetrics. John William Birk, M.D., Instructor in Obstetrics, Annie E. Barron, M.D., Instructor in Obstetrics. Charles Newberger, M.D., Instructor in Obstetrics. Walter Charles Hammond, M.D., Assistant in Obstetrics.

Department of Gynecology.

Arment of Gynecology.

Mary Jeanette Kearsley, M.D., Instructor in Gynecology. Irving Herbert Eddy, M.D., Instructor in Gynecology. George Henry Van Dyke, M.D., Instructor in Gynecology. Clara P. Seipple, M.D., Instructor in Gynecology. Albert John Schoenberg, M.D., Instructor in Gynecology. Wesley John Woolston, M.D., Instructor in Gynecology. Wary Blanche White, M.D., Instructor in Gynecology. Pauline Rose Kapsa, M.D., Instructor in Gynecology. Egan Walter Fischman, M.D., Instructor in Gynecology.

Radiology.

Adolph Hartung, M.D., Instructor in Radiology.

Department of Dermatology.

Arthur W. Stilliam, M.D., Instructor in Dermatology. Philip Frank Shaffner, M.D., Instructor in Dermatology.

Department of Laryngology, Rhinology, and Otology.

Lillian Ethel Taylor, M.D., Instructor in Laryngology, Rhinology, and Otology.

Department of Ophthalmology.

Charles Clayton Clement, M.D., Instructor in Ophthalmology. Frederick Vreeland, M.D., Instructor in Ophthalmology.

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University under the authority given him by the Board of Trustees. This list was received for record:

Ash, Percy, Assistant Professor of Architectural Design, for one year beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) for the year, work and salary to begin when he reports for service. (August 28, 1913.)\*

Babbitt, Harold E., Instructor in Municipal and Sanitary Engineering, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month, vice G. C. Habermeyer. (August 21, 1913.)

Bake, Louis E., Assistant in Operative Technics and Porcelain Art in the College of Dentistry, for one year beginning September 1, 1913, at a salary of eight hundred dollars (\$800) for the year. (August 30, 1913.)

Barlow, Bronson, Assistant in Bacteriology, for ten months beginning July 1, 1913, at a salary of one hundred fifty dollars (\$150) a month (salary to be charged to the Canners' Association fund). (August 7, 1913.)

Bernard, Frank S., Instructor in Prosthetic Dentistry in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 30, 1913.)

Biegler, Philip Sheridan, Associate in Electrical Engineering, for one year beginning September 1, 1913, at a salary of year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 30, 1913.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

Bollman, Minnie Joanna, Cataloger in the University Library, on half time, for twelve months beginning September 1, 1913, at a salary of thirty-two dollars and fifty cents (\$32.50) a month, work and salary to begin when she reports for duty. (August 14, 1913.)

Bradbury, Charles Earl, Instructor in Art and Design, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month, vice Isabel Jones, resigned. (August 28, 1913.)

vice Isabel Jones, resigned. (August 28, 1913.)

Branch, Nellie E., Cataloger in the Library, on half time, for twelve months beginning September 1, 1913, at a salary of thirty-two dollars and fifty cents (\$32.50) a month. (September 4, 1913.)

Burt, Paul, Draftsman in the office of the Supervising Architect, beginning September 8, 1913, and continuing until further notice, at a salary of one hundred fifty dollars (\$150) a month. (September 4, 1913.)

Carry, Charles, Assistant in Romance Languages, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month. (July 28, 1913.)

Coolidge, Edgar D. Professor of Materia Assistant

(July 28, 1913.)

Coolidge, Edgar D., Professor of Materia Medica and Therapeutics in the College of Dentistry, for one year beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year. (August 29, 1913.)

Day, William B., Curator of the School of Pharmacy, for the academic year 1913-14, beginning September 1, 1913. (July 25, 1913.)

Dreyer, George P., Professor of Physiology and Physiological Chemistry and Head of the Department of Physiology and Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) for the year. (August 28, 1913.)

Eycleshymer, Albert Chauncey, Professor of Anatomy and Head of the Department of Anatomy in the College of Medicine, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin when he reports for service in Chicago. (August 28, 1913.)

Fantus, Bernard, Professor of Pharmacology in the College of Medicine, on part time, for one year eginning September 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (August 28, 1913.)

Foster, Lawrence F., Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month, vice Owen. (August 14, 1913.)

14, 1913.)

14, 1913.)

Frechet, M., Professor of Mathematics, from September 1, 1914, to June 30, 1915, at a salary of three thousand dollars (\$3,000), to be paid in ten equal instalments. (August 1, 1913.)

Gardner, Harry, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month, vice S. P. Farwell, resigned. (August 21, 1913.)

Gehrman, Adolph, Professor of Bacteriology and Hygiene in the College of Medicine, for one year beginning October 1, 1913, at a salary of eight hundred dollars (\$800) for the year. (September 4, 1918.)

Gibson, Mabel Helen, Clerk in the Cataloging Department of the Library, on half time, for twelve months beginning September 1, 1913, at a salary of twenty-seven dollars and fifty cents (\$27.50) a month, work and salary to begin as soon as she reports for service. (August 14, 1913.)

Green, Alexander, Assistant in German, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (August 28, 1913.)

28, 1913.)

Hallquest, Alfred Lawrence, Assistant in Education, on half time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month.

Hallquest, Alfred Lawrence, Assistant in Education, on half time, for tem months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 31, 1913.)

Harding, Louis A., Professor of Experimental Mechanical Engineering, at a salary of thirty-five hundred dollars (\$3,500) per annum, work and salary to begin when he reports for service. (August 13, 1913.)

Haskell, John E., Instructor in Pharmacology in the College of Medicine, on part time, for the academic year beginning October 1, 1913, at a salary of five hundred dollars (\$500) for the year. (September 4, 1913.)

Hecker, Charles Henry, Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month, vice C. F. Nelson, (September 4, 1913.)

Hisson, Arthur, Instructor in Bacteriology in the College of Dentistry, for one year beginning October 1, 1913, at a salary of six hundred dollars (\$600) for the year. (September 5, 1913.)

Holbrook, E. A., Assistant Professor of Mining Engineering, for three years' beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum, work and salary to begin when he reports for duty in Urbana. (August 14, 1913.)

Hubbard, Marie Esda, Clerk in the Cataloging Department of the Library, on half time, for twelve months beginning September 1, 1913, at a salary of twenty-seven dollars and fifty cents (\$27.50) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Hughitt, Anna L., Assistant in Physical Training for Women, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month. (September 4, 1913.)

Knight, Abner Richard, Instructor in Electrical Engineering, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month, vice H. G. Hake. (August 28, 1913.)

Lee, Henry C., Instructor in Operative Dentistry and Materia Medica in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars

Leonard, Russell, Toolroom Attendant in the Woodshop, at a salary of forty-five dollars and eighty-three and one-third cents (\$45.831/3) a month, beginning July 14, 1913, and continuing until further notice. (July 28, 1913.)

Lewis, Harry Fletcher, Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 28, 1913.)

Loomis, Roger Sherman, Tutor in English, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (August 28, 1913.)

Math. Earle B. Dreftsman in the Communication of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of

Agust 28, 1913.)

Math, Earle R., Draftsman in the Office of Supervising Architect, beginning July 25, 1913, and continuing until further notice, at a salary of one hundred twenty-five dollars (\$125) a month. (September 4, 1913.)

Miller, Edgar G., Assistant in Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of twelve hundred dollars (\$1,200) for the year. (August 28, 1913.)

Mitchell, Marguerite, General Assistant in the Library, for ten months beginning September 1, 1913, at a salary of sixty-five dollars (\$65) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Noyes, Frederick B., Professor of Orthodontia and Dental Histology, in the College of Dentistry, for one year beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year. (August 28, 1913.)

Provine, Loring Harvey, Professor of Architectural Engineering in the Department of Architecture, at a salary of thirty-five hundred dollars (\$3,500) per annum, work and salary to begin when he reports for service. (August 14, 1913.)

Ruckmich, Christian A., Instructor in Psychology, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month. (August 20, 1913.) annum, work and salary to begin when he reports for service. (August 14, 1913.)
Ruckmich, Christian A., Instructor in Psychology, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month. (August 20, 1913.)
Rupert, Richard R., Instructor in Anatomy in the College of Medicine, for one year beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (August 28, 1913.)
Schnellbach, J. F., Engineering Assistant in the State Water Survey, for twelve months beginning September 1, 1913, at a salary of seventy-five dollars (\$75) a month. (August 22, 1913.)
Schoonhoven, Warren R., Assistant in Soil Fertility in the College of Agriculture and Assistant in Soil Bacteriology in the Agricultural Experiment Statton, for one year beginning September 1, 1913, at a salary of eight hundred forty dollars (\$\$40) for the year. (August 14, 1913.)
Schultz, Louis, Assistant Professor of Oral Surgery and Pathology in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 29, 1913.)
Shoemaker, Ruth, Assistant in Physical Training for Women, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (September 4, 1913.)
Small, J. Craig, Student Assistant in Physiological Chemistry in the College of Medicine, on part time, for one year beginning September 1, 1913, at a salary of five hundred dollars (\$500) for the year, salary and service beginning when he reports for service in Chicago. (August 28, 1913.)
Start, S. P., Assistant Professor of Prosthetic Technics in the College of Dentistry, for one year beginning September 1, 1913, at a salary of ten dollars (\$300) for the year. (August 30, 1913.)
Start, S. P., Assistant Professor of Prosthetic Technics in the College of Dentistry, for one year beginning September 1, 1913, at a salary of ten dollars (\$30) a month. (August 21, 1913.)
Teal, Paul H., Graduate Assistant in Botany, for ten months beginning September

per annum, work and satary to begin when he reports for service. (August 28, 1913.)

Troy, Mary Zeliaette, Cataloger in the Library, for twelve months beginning September 1, 1913, at a salary of sixty-five dollars (\$65) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Vallance, Alexander, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month. (August 21, 1913.)

Vance, Thomas J., Assistant in Psychology, for ten months beginning September 1, 1913, at a salary of ninety dollars (\$90) a month. (September 5, 1913.)

Waterfall, Harry W., Instructor in Machine Design in the Department of Mechanical Engineering, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month, vice Mitchell. (August 14, 1913.)

Welker, William H., Assistant Professor of Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) for the year, service and salary to begin as soon as he reports for service in Chicago. (September 4, 1913.)

Williamson, Charles Spencer, Director of the Dispensary of the College of Medicine, for one year, beginning September 1, 1913. (August 14, 1913.)

Zeis, Henry Charles, Assistant in Mathematics, for ten months beginning September 1, 1913, at a salary of sixty dollars (\$60) a month. (August 28, 1913.)

# DEED OF LAND FOR AGRICULTURAL EXPERIMENTATION.

The secretary presented a communication from Dr. C. G. Hopkins, Professor of Agronomy, transmitting a deed from the county of Will, of thirty-one acres of land offered to the University for use in agricultural experimentation.

This communication and deed were referred to the Committee on Agriculture for consideration and report.

#### REQUEST FOR A COURSE IN SEX INSTRUCTION.

The secretary presented a communication from Mrs. Frederick A. Dow, President of the Illinois Federation of Women's Clubs, and Dr. Mary G. McEwen, Chairman of the Public Health Department of the same Federation, requesting the University "to make adequate provision for the study of the problems of sex instruction and for the giving of a course in that subject in the School of Education of the State University.'

This communication was referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

## BIDS ON WIRING, PLUMBING, ETC., FOR CERTAIN BUILDINGS.

The secretary presented a letter from Prof. James M. White, Supervising Architect, reporting the receipt of bids and the letting of the contracts for the wiring and the heating and plumbing for the Stock Judging Pavilion; for the marble and the plumbing of the Woman's Building; for the benches for the Palm House, and for two additional vent machines and the heating and benches for the cross house connecting the machines to the Floricultural Service buildings, and for the steel for the Gymnasium.

This letter was received to be filed.

## RESOLUTIONS OF THE STATE HORTICULTURAL SOCIETY.

The secretary presented the following set of resolutions passed by the Illinois State Horticultural Society to express their approval of the recent purchase of land made by the Board of Trustees.

These resolutions were received to be printed in the minutes:

These resolutions were received to be printed in the minutes:

WHEREAS, It has just come to the knowledge of the Illinois State Horticultural Society, now in convention at Anna, Ill., that the Board of Trustees of the University of Illinois has secured three hundred twenty acres of land for the use of the Department of Horticulture of the University of Illinois for the advancement of horticulture in the State.

WHEREAS, We realize the necessity of providing adequate facilities for the training and instruction of the students at the University of Illinois who are taking up the profession of horticulture; and

WHEREAS, The experimental demonstration work of the Department of Horticulture has been of such acknowledged value to the horticultural interests of the State, and we realize that these added facilities will permit the Department of Horticulture to maintain its high position now held and enable it to render even greater service in instruction, demonstration, and investigation;

Resolved, That the Illinois State Horticultural Society now in session congratulate the Board of Trustees of the University of Illinois upon their prompt action and foresight in securing this tract of land while it could be secured in close proximity to the University.

A. M. Augustine, Secretary.

J. MACK TANNER, President.

A. M. AUGUSTINE, Secretary.

#### REPORT OF AUDIT COMPANY.

The secretary presented the report of the United States Audit Company of their audit of the books and accounts of the University for the quarter ended June 30, 1913.

This report was received to be filed, certain parts to be printed in the minutes:

August 18, 1913. Moore, Chairman Finance Committee, University of Illinois, . Allen F. M Monticello, Ill.

Monticello, 111.

DEAR SIR: Following your instructions, we have made our regular quarterly audit of the books and accounts of the University of Illinois for the fourth quarter of the fiscal year as ended on June 30, 1913.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the bursar's cash account on the morning of July 21, 1913; proved the cash book footings from April 11, 1913, to July 21, 1913; verified the cash in the office by actual count; and examined and proved the footings of the approved and receipted vouchers in process of entry.

Summarized, the bursar's cash account is as follows:         \$15,769 22           Balance on hand April 11, 1913         \$69,719 03           Receipts from various sources         69,719 03
Beduct—Remittances to treasurer         \$85,488 25           82,898 27
Balance on hand July 21, 1913 \$2,589 98
Made up as follows—       \$561 00         Currency       \$3 84         Checks for deposit       63 35
Total cash
In the cash statement following, we present in total the general cash transactions for the fourth quarter, as represented by the cash book and warrant register, beginning with the general cash balance as at March 31, 1913:  Treasurer's balance March 31, 1913
Add—Cash receipts (Exhibit "A")
Deduct—Cash disbursements (Exhibit "B")       \$866,068 98 585,944 19
Balance June 30, 1913\$280,124 79
Made up as follows— Treasurer's balance \$277,996 02 Bursar's balance \$2,128 77 We proved the footings of the warrant register and second semester fee book; verified all postings to the fund ledger; examined the receipted bills and compared
them with the vouchers.  We verified the second semester fees and found the following outstanding:  Horace A. Taylor \$20 00  J. W. Hill \$15 25  John D. Lyons \$25 00  12 50
We wish to call your attention to some of the outstanding warrants, as listed on Schedule "5a." As you will notice, these warrants were issued several years ago, and have never been presented to the bank for payment.  We also wish to bring to your attention the fact that a perfect check of the fees received cannot be made from the study list in the registrar's office.  The following is a reconcilation of the treasurer's account with the books of the University as at June 30, 1913:  Treasurer's balance per University books.  \$277,996 02  Add—Unpaid warrants (Schedule "5") 147,567 09
#425,563 11         Made up as follows—(Schedule "6")—         General fund       \$409,550 14         College of Medicine fund       8,553 59         United States Agricultural Experiment Station fund       4,223 68         School of Pharmacy fund       3,220 70
Item not credited by treasurer (Pharmacy) \$425,548 11 15 00 \$425,563 11
Yours very truly.
Supervised by:  WHITNEY B. FLERSHEM,  Certified Public Accountant.  On motion of Mrs. Evans, the board adjourned.
C. M. McConn, Secretary.  W. L. Abbott, President.

# Meeting of September 9, 1913.

The regular quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Tuesday, September 9 ,1913.

There being no quorum present, the board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## Meeting of October 4, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Saturday, October 4, 1913, beginning at 9 A.M., pursuant to the following notice which was sent out by the secretary on September 29, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the Trustee's Room, at the University, in Urbana, on Saturday, October 4, 1913, beginning at 9:00 A.M., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson. President James and Prof. James M. White, Supervising Architect, were present.

## FURTHER PURCHASE OF LAND: REPORTS OF THE FINANCE COMMITTEE.

The following reports with reference to the further purchase of land were received from the Finance Committee:

## FINANCE COMMITTEE MEETING OF SEPTEMBER 13, 1913,

URBANA, ILL., September 13, 1913.

Messrs. Moore, Trevett, and Hoit present.

The following recommendations were unanimously adopted:

1. That the Barnes property be secured for the purpose designated and that

an offer of \$14,000 be made the owners.

2. That lots 19, 21, 23, 24, 25, 27 and 28 on Nevada Street be purchased for present and future needs for residence halls, that the proposed building be located on lots 23, 24, 25, and that an offer of \$40 a front foot be made for all these

properties. 3. That twelve lots between Goodwin and Babcock upon which options are offered be purchased at approximately \$29,000.
4. That Professor Morgan Brooks' residence property be purchased, if possible, at a cost of \$30,000.

5. In view of the present opportunities for buying desirable land at a low e, we recommend that the board appropriate \$100,000 in addition to the price, \$400,000 already set aside for the purpose.

ALLEN F. MOORE, J. R. TREVETT, O. W. HOIT.

#### FINANCE COMMITTEE MEETING OF SEPTEMBER 27, 1913.

URBANA, ILL., September 27, 1913.

Messrs. Moore and Trevett present.

The committee recommended that the west half of the block east of Trinity Church be secured for the School of Education Building.

ALLEN F. MOORE, J. R. TREVETT.

A full discussion followed, in the course of which Professor White was heard at length in regard to the prevailing prices on all the properties in question.

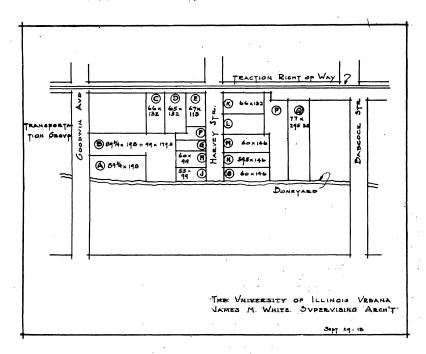
## LAND BETWEEN GOODWIN AVENUE AND BABCOCK STREET.

Action was first taken upon the third recommendation in the report of the Finance Committee's meeting of September 13. With the concurrence of the members of the Finance Committee, President James submitted the following expanded form of this recommendation:

That twelve lots between Goodwin Avenue and Babcock Street, south of the interurban railway and north of Silver Creek, as shown on the accompanying plat and described below, be purchased at the following prices: (A) \$5,000, (B) \$11,000, (C) \$3,500, (D) \$2,600, (E), \$3,500, (H) \$650, (J) \$1,500, (K) \$3,500, (M) \$1,450, (N) \$800, (O) \$1,800, (Q) \$3,000—total, \$37,800; that 2 per cent on these amounts be allowed for commissions, except in the case of the lots designated as "N" and "Q" on the plat, on which the prices are net (this will make the commissions \$680, if all of the options are successfully closed); and that the supervising architect be authorized to proceed with the steps necessary to complete the acquisition of these properties.

# DESCRIPTION OF PROPERTIES BETWEEN GOODWIN AVENUE AND BABCOCK STREET.

A. Lot 4 in William M. Goodwin's Addition to Urbana. Title in Myrta E. Clark. Possession to be given subject to present lease. Consideration, \$5,000.



- B. Lot 3 and the west ½ of Lot 2 in William M. Goodwin's Addition to Urbana. Title in Albert H. Hull.
  Possession of Lot 3 to be given August 1, 1914; possession of the west ½ of Lot 2 to be given immediately.
  Consideration, \$11,000.
  C. Lot 4 in Block 6 in the Urbana Railroad Company's Addition to Urbana. Title in Harry D. Lytle.
  Possession to be given thirty days after closing option.
  Consideration, \$3,500.
  D. All of Lot 5 in Block 6 in the Urbana Railroad Company's Addition to Urbana except the east one foot thereof.
  Title in Laura L. Barbour.
  Possession to be given thirty days after the acceptance of option.
  Consideration, \$2,600.
  E. The north 115 feet of Lot 6 and the east 1 foot of Lot 5 in Block 6 in the Urbana Railroad Company's Addition to Urbana.
  Title in George O. Shafer subject to a sale contract to Harry D. Lytle.
  Possession to be given thirty days after closing option.
  Consideration, \$3,000.

- H. The east ½ of the south 60 feet of the north 124½ feet of Lot 2 of William M. Goodwin's First Addition to Urbana.
   Title in Charles H. Lemon and Charles W. Walcott.
- Possession to be given immediately.
  Consideration, \$650.

  J. The south 55 feet of the east ½ of Lot 2 of William M. Goodwin's Addition to Urbana.

  With in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man Cally in Minnig Man

Title in Minnie May Cribbet.
Possession to be given thirty days after acceptance of option.
Consideration, \$1,500.

K. The north ½ of Lots 1 and 2 in Block 4 in the Urbana Railroad Company's
Addition to Urbana. Title in James A. Hamlin.

Possession to be given thirty days after closing of option.
Consideration, \$3,500.

M. The north 60 feet of Lot 1 of William M. Goodwin's Addition to the city of Urbana. Title in William Chester Maguire.

Possession to be given thirty days after the acceptance of this option.

Consideration, \$1,450.

N. The north 59½ feet of the south 119½ feet of Lot 1 in William M. Goodwin's Addition to Urbana.

Nitle in Chester H. Lower and Chester W. Welest.

- Title in Charles H. Lemon and Charles W. Walcott.
  Possession to given immediately.
  Consideration, \$800.

  O. The south 60 feet of Lot 1 of William M. Goodwin's Addition to the city of
- Urbana. Title in Nora Chapin.

  Possession to be given thirty days after closing the option.

  Consideration, \$1,800.

Q. The east 77 feet of Lot 2 in Block 2 in Burpee, Curtiss, and Somers' Addition of Out Lots to the city of Urbana.
Title in Charles H. Lemon and Charles W. Walcott.
Possession to be given immediately.
Consideration, \$3,000.

On motion of Mrs. Henrotin, the foregoing recommendation was approved, and an appropriation of forty thousand dollars (\$40,000) was made to cover these purchases and commissions. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

## SITE FOR SCHOOL OF EDUCATION BUILDING.

Action was next taken on the recommendation contained in the report of the Finance Committee's meeting of September 27. After discussion, the following revised form of this recommendation was agreed to:

That the supervising architect be authorized to proceed with the acquisition of sufficient land in the block bounded by Springfield Avenue, Mathews Avenue, Stoughton Street, and Goodwin Avenue, to form a site for the School of Education Building, at a price not to exceed thirty thousand dollars (\$30,000).

On motion of Mr. Moore, the foregoing recommendation was adopted, and an appropriation of thirty thousand dollars (\$30,000) was made for this The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

## BARNES PROPERTY.

Action was next taken on the first recommendation contained in the report of the Finance Committee's meeting of September 13, 1913.

On motion of Mr. Moore, it was voted that the so-called Barnes' property, west of Wright Street, north of Healy Street, east of Sixth Street (old numbering), and south of the interurban right-of-way be purchased by the University as a site for buildings; that an offer of fourteen thousand dollars (\$14,000) be made to the owners for the same; and that, in case the owners do not accept this offer, the counsel of the University be instructed to initiate condemnation proceedings for the acquisition of the property. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

The other recommendations of the Finance Committee were discussed at length, but no further action was taken at this time.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### APPOINTMENT OF A PROFESSOR OF PLANT PATHOLOGY.

(1) A recommendation that Dr. Frank L. Stevens, at present Dean of the College of Agriculture and Mechanic Arts in the University of Porto Rico, be appointed Professor of Plant Pathology in the University of Illinois, at a salary of four thousand dollars (\$4,000) per annum, beginning February 1, 1914, or as soon thereafter as he shall report for duty in Urbana; and, further, that the sum of five hundred dollars (\$500) be appropriated for the purchase, care, and transportation of laboratory material which Professor Stevens may collect for the University of Illinois in Porto Rico and Cuba.

On motion of Mrs. Henrotin, the foregoing recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPROPRIATION FOR THE PURCHASE OF A PRINTING OUTFIT.

(2) A recommendation that fifteen thousand dollars (\$15,000), or so much thereof as may be necessary, be appropriated for the purchase of a printing outfit to enable the University to take care of current printing, such as confidential circulars, examination papers, departmental circulars, bulletins, etc., etc., and also to give an opportunity to students in the courses in business to study the organization and management of printing offices; and, further, that the building in the old horticultural field used until recently by the Department of Horticulture as a service building for the greenhouses be set apart for use as a printing office.

On motion of Mrs. Evans, this recommendation was approved, and an appropriation of fifteen thousand dollars (\$15,000) was made for this purchase. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPROPRIATION FOR AN ORGAN IN THE AUDITORIUM.

(3) A recommendation that fifteen thousand dollars (\$15,000) be appropriated for the purchase of an organ for the Auditorium, to be put in the organ loft already provided in that building, with the provision that the organ so purchased shall be built in such a way that additions to it can be readily made.

On motion of Miss Watson, this recommendation was approved, and an appropriation of fifteen thousand dollars (\$15,000) was made for this purchase. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPROPRIATIONS FOR BOOKS AND MUSEUM MATERIAL.

recommendation that the sum of fifty thousand dollars (\$50,000) be (4) A recommendation that the sum of fifty thousand dollars (\$50,000) be appropriated from the fund for permanent improvements for the purchase of books for the University Library during the year beginning July 1, 1913; this amount to be additional to the sum of twenty thousand dollars already appropriated for the purchase of the Vahlen and Aron libraries and the other collections offered with these libraries.

(5) A recommendation that the sum of fifteen thousand dollars (\$15,000) be appropriated from the fund for permanent equipment for the purchase of museum material for the year beginning July 1, 1913.

On motion of Mrs. Evans, the foregoing two recommendations were approved, and the proposed appropriations of fifty thousand dollars (\$50,000) for books for the Library and fifteen thousand dollars (\$15,000) for Museum materials were made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

At this point Mr. Moore withdrew.

## COMPTROLLER'S REPORT ON PURCHASE OF LAND.

(6) The following letters from Professor George E. Frazer, Comptroller, with reference to the consummation of purchases of land ordered by the Board of Trustees.

These letters were received to be printed in the minutes:

September 30, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: At the meeting of the Board of Trustees held on July 23, 1913, the Board of Trustees ordered the purchase of the following lands at the prices indicated:

Board of Trustees ordered the purchase of the following lands at the prices indicated:

The Busey tract of 160 acres, being the NW.¼ Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$1,000 per acre, \$160,000.

The Pell tract of 40 acres, being the NE.¼, SW.¼ Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600 per acre, \$24,000.

The McCullough tract of 80 acres, being the S.½ of the SW.¼ Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600, \$48,000.

The Douglas tract of 40 acres, being the NE.¼, SW.¼ Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600, \$24,000.

At a meeting of the Board of Trustees held in Springfield on September 6, 1913, the board ordered the purchase of the Reinhart tract at a price not to exceed \$8,000. The Reinhart tract comprises 10 acres and lies between First Street and the Illinois Central Railway, immediately south of the Athletic Association grounds in the city of Champaign. At the meeting of the board on September 6, the board approved the purchase of the Augustus tract of 13 acres at a price of \$20,000. The Augustus tract comprises the south 52 rods of the E.½, SE.¼, SE.¼ of section 18, Twp. 19 N., R. 9 E. of the 3d P.M. In pursuance of the orders of the board, an abstract of the title of each tract was secured from the owner of the tract. In the absence of Dean O. A. Harker, Legal Counsel of the University, these abstracts of title, together with the proposed deeds, were submitted to Attorney W. F. Woods, of the firm of Savage and Woods, of Champaign, Ill., for his opinion as to the merchantable title shown by the abstract of title and the proposed deeds. Attorney Woods examined not only the abstract of Illinois, stating that in each tract there was a merchantable title in the possession of the vendors. Upon the return of Dean O. A. Harker, Legal Counsel, these opinions of Attorney W. F. Woods were submitted to Dean Harker and were concurred in by him.

Vouchers were presented to the State Auditor for the purchase of the Busey.

by him.

Vouchers were presented to the State Auditor for the purchase of the Busey, McCullough, Pell, and Douglas tracts at the prices indicated, and State warrants were issued therefor. In the case of the Reinhart tract, a State warrant to the amount of \$7,063.10 was issued in favor of Hazen S. Capron. Mr. Capron had previously been paid \$600 by University warrant for an option on the tract. In the case of the Augustus tract, University warrant for \$20,000 was issued in favor of Mr. Howard C. Augustus. Deeds approved by Attorney W. F. Woods were received from the proper parties in each case, and were regularly filed with the county clerk of Champaign County. The abstract of title in each case was made complete up to and including the transfer of title to the University. The abstracts of titles and deeds are now on file in the vault of the business office of the University.

Very truly yours,

George E. Frazer, Comptroller.

P.S.—The Reinhart tract is as follows:

P.S.—The Reinhart tract is as follows:

Lot 2 of a subdivision of the S.½ of Sec. 13, Twp. 19 N., R. 8 E., 3d P.M. as per subdivision recorded in Plat Book "A," page 349, in Champaign County, 11. October 1, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: At your request, I have examined the deeds under which the following tracts of land have been conveyed recently to the University, and I indicate below the date on which the University, and I indicate below the date on which the University comes into legal possession of each tract, as shown by the deed to the tract:

 Busey, 160 acres
 March 1, 1914

 McCullough, 80 acres
 March 1, 1914

 Douglas, 40 acres
 March 1, 1914

 Pell, 40 acres (Mr. Pell expressly reserves growing crops)
 Sept. 4, 1913

 Reinhart, 10 acres (H. S. Capron)
 Sept. 9, 1913

 Augustus, 13 acres
 July 14, 1913

In the case of the Pell, Reinhart and Augustus tracts, the date given is the date of the deed since no express mention is made of the date of transfer of possession in the deeds to these three tracts.

Very truly yours,

George E. Frazer, Comptroller.

#### ASSIGNMENT OF FUNDS FOR COLLEGE OF MEDICINE.

(7) The following list of assignments of funds for the College of Medicine for the year 1913-14 made by the President of the University under the authority given him by the Board of Trustees.

This list was received for record:

(1) An assignment of twenty-five hundred dollars (\$2,500) for the support of the Department of Obstetrics; fifteen hundred dollars (\$1,500) of this amount, or so much thereof as may be necessary, to be used toward the support of at least six patients in the University Hospital for the benefit of the hospital clinics, at a cost of five dollars (\$5) a week per patient, this amount being about half the cost of each patient to the hospital; the remainder of the assignment to be used

for the purchase of apparatus and the employment of an assistant in the laboratory who will also do manikin or quiz work.

(2) An assignment of three thousand dollars (\$3,000), or so much thereof as may be necessary, for the equipment of the Research Laboratory for Clinical

Medicine. (3) An assignment of thirty-five hundred dollars (\$3,500), or so much thereof s may be necessary, for the equipment and current expense of the Department of

Pharmacology. (4) An assignment of five thousand dollars (\$5,000), or so much thereof as may be necessary, for the equipment of the various clinical departments in the

Dispensary.

(5) An assignment of six thousand dollars (\$6,000), or so much thereof as may be necessary, for the Library of the College of Medicine, for the purchase of books, provision of cases and tables, subscriptions to periodicals, etc.

# RESOLUTIONS OF MICHIGAN BOARD OF REGENTS CONCERNING ATHLETICS.

(8) The following letter from the Secretary of the Board of Regents of the University of Michigan, transmitting certain resolutions adopted by the said Board of Regents on May 20, 1913:

ANN ARBOR, MICH., July 23, 1913.

The Governing Board of the University of Illinois, Urbana, III.

GENTLEMEN: At the meeting of the Regents of the University of Michigan held July 18, I was directed to transmit to the Governing Board of each of the universities included in the Western Conference a copy of the resolutions adopted by the Regents of the University of Michigan at their meeting of May 29. I enclose herewith, from the printed minutes of the board, a copy of the resolution in question. I should appreciate an acknowledgment of the receipt of this communication, with a statement, if possible to furnish it, of the date at which the resolutions of the Regents of the University of Michigan will be placed before your honorable body. your honorable body.

Sincerely yours, Shirley W. Smith, Secretary.

#### RESOLUTIONS.

(Adopted by the Board of Regents of the University of Michigan, May 29, 1913.)

Resolved, 1. That it is inconsistent with the dignity of any university to surrender to any other authority its rights to prescribe and maintain its own rules and regulations.

2. That a university can best meet its responsibilities by reserving full power over the activities of the students under its control except where that power is expressly delegated to others under specific limitations.

3. That this board believes that an agreement can be reached upon rules heretofore adopted by the Western Conference, and that these rules, and all subsequent rules, before enforcement and adoption respectively, should be approved unanimously by the members of the conference; that under these conditions this board would welcome a resumption by the University of Michigan of membership in the conference. in the conference.

In this connection President James presented a recommendation that the resolutions in question be referred to the University Senate with power to act; such action being in accordance with the uniform policy of the Board of Trustees with reference to matters of this nature.

On motion of Mrs. Henrotin, the president's recommendation relating to this matter was approved.

#### LABORATORY FEE FOR BOTANY 12.

(9) A recommendation from the Council of Administration that the Board of Trustees establish a laboratory fee of two dollars (\$2) for a new course in botany known as Botany 12.

On motion of Mrs. Evans, this recommendation was approved.

## DONATIONS FOR THE MUSEUM OF NATURAL HISTORY.

(10) The following statement from Professor Frank Smith, Curator of the University's Museum of Natural History, with reference to two important donations recently received by the University for this Museum:

In June last a collection of 2,000 birds' eggs in original sets, representing about 300 species all with complete data representing a catalog value of about \$1,000 was presented by the collectors and owners, Messrs. M. K. Barnum, Superintendent of Motive Power of the Illinois Central Railway, and his brother, Major Malvern Hill Barnum of the United States Army.

Last month Mrs. Thomas A. Worthen, recently of Warsaw, Ill., presented a collection of marine and fresh water shells that had belonged to the late Amos

H. Worthen, who for thirty-five years was State Geologist of Illinois. There has not yet been time to list all of the specimens, but there are presumably about 3,000, and the majority of them bear accurate labels. It is of very considerable value.

President James recommended that these donations be accepted and that the President of the University be authorized to express to the donors the appreciation of the Board of Trustees.

On motion of Mrs. Henrotin, this recommendation was approved.

#### REQUEST FROM THE UNITED CHARITIES ASSOCIATION OF THE TWIN CITIES.

(11) A request from a committee representing the United Charities Association of Champaign and Urbana for the use of the Armory for a fair to be given for the benefit of this association.

On motion of Mrs. Henrotin, it was voted that in view of the fact that the United Charities Association has put at the disposal of the University Department of Sociology information which it collects in the course of its routine work for use as laboratory material, the use of the Armory be given to this association for the purpose in question, provided this can be done without interference with the work of the Department of Military Science.

## SPECIAL AND GRADUATE WORK IN DENTISTRY.

(12) A statement that, since the attendance in the College of Dentistry will be small by reason of the late opening of this college, it may be possible, without present increase of the staff, to organize certain special and graduate work in dentistry for the benefit of practicing dentists and other persons similarly qualified; with the recommendation that the President of the University be authorized to organize such work.

On motion of Mrs. Henrotin, this authorization was given.

# PROFESSOR SABINE INVITED TO MAKE RECOMMENDATIONS WITH REFERENCE TO THE ACOUSTICS OF THE AUDITORIUM.

(13) A letter from Professor Wallace Clement Sabine, of Harvard University, indicating in response to a communication from Professor Watson that he would be willing to come to the University of Illinois to investigate the acoustic defect in the Auditorium and to give such suggestions as may occur to him looking toward the remedying of this defect, without charge; with the recommendation that the Board of Trustees invite Professor Sabine to visit the University and to give an opinion in regard to what can be done in this matter.

On motion of Miss Watson, this recommendation was approved.

#### MINUTES APPROVED.

The secretary presented the minutes of the meetings of June 25, 1913, July 2, 1913, and July 23, 1913, all of which, on motion of Mrs. Evans, were approved.

### REPORT OF FINANCE COMMITTEE: TREASURER'S BILL APPROVED.

The secretary presented the following report from the Finance Committee:

MONTICELLO, ILL., September 20, 1913.

Mr. C. M. McConn, Secretary of the Board of Trustees, University of Illinois, Urbana, Ill.

DEAR SIR: At a meeting of the Finance Committee held on September 13, 1913, all the members being present, it was voted to approve a bill from Mr. M. W. Busey, Treasurer, for clerk hire and office expense for the period from April 1, 1913, to July 1, 1913, amounting to one hundred fifty dollars (\$150).

Yours very truly,

ALLEN F. Moore,

Chairman Finance Committee.

Treasurer Busey's bill having been referred to the Finance Committee with power to act at the meeting of July 23, 1913 (page 600), the foregoing report was received for record.

## REPORT OF APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by President James under the authority of the Board of Trustees. This report was received for record:

Ayer, Thomas P., Shelf Assistant in the Library, beginning October 1, 1913, and continuing until August 31, 1914, at a salary of seventy dollars (\$70) a month, vice Bertram Smith. (October 3, 1913.†)

vice Bertram Smith. (October 3, 1913.7)
Brunson, Arthur Maxwell, Assistant in Plant Breeding in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month, work and salary to begin when he reports for service, vice J. B. Park. (September 20, 1913.)
Breedis, John, Shelf Assistant in Library, on one-third time, beginning September 18, 1913, and continuing until August 31, 1913, at a salary of eighteen dollars (\$18) a month. (September 19, 1913.)
Brothers, E. D., Lecturer on Dental Jurisprudence in the College of Dentistry, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable when his course of lectures is completed. (September 25, 1913.)
Burmeister, William H., Assistant Professor of Pathology in the College of

Brothers, E. D., Lecturer on Dental Jurisprudence in the College of Dentistry, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable when his course of lectures is completed. (September 25, 1913.)

Burmeister, William H., Assistant Professor of Pathology in the College of Medicine, on part time, for one year beginning October 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (September 30, 1913.)

Cass, Elizabeth H., Cataloger in the Library, beginning September 16, 1913, at a salary of sixty-five dollars (\$65) a month, subject to the regulations of the Civil Seveley Commission. Schemen of the College of the Dean of the College of Law, on part time, beginning September 20, 1913, and continuing until further notice at a salary of twenty-five dollars (\$25) a month. (September 32, 1913, and continuing until August 31, 1914, at a salary of eighteen dollars (\$18) a month. (September 37, 1913.)

Christy, Glenn, Shelf Assistant in the Library, on one-third time beginning September 23, 1913, and continuing until August 31, 1914, at a salary of eighteen dollars (\$18) a month. (September 37, 1913.)

Edicine in the College of Medicine, at a salary of five thousand dollars (\$100) per dollars (\$100), processed of the college of Medicine, until further notice, without additional salary. (September 15, 1913.)

Dittmar, G. W., Superintendent of the Infirmary in the College of Dentistry, or the year beginning September 1, 1913, at a salary of two hundred dollars (\$200) per amum; this amount to be additional to the amount of his salary as Professor of Prostite Dentistry, (September 13, 1913.)

Eckstein, Charles Henry, Student Assistant in Chemistry, for nine months per part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of

<sup>\*</sup> Appointment made by Vice-President Kinley. † The date in parenthesis is the date on which the appointment was made by the President of the University.

Hetro, Leona E., Stenographer in the Water Survey, beginning September 17, 1913, at a salary of fifty dollars (\$50) a month, subject to the rules of the Civil Service Commission. (September 27, 1913.)

Jones, Thomas S., Artist in the College of Medicine under the direction of Dr. Eycleshymer, for twelve months beginning September 1, 1913, at a salary of thirteen hundred dollars (\$1,300) for the year. (September 9, 1913.)

Love, Mary E., Departmental Library Assistant in Natural History and Mathematics, beginning September 22, 1913, at a salary of sixty five dollars (\$65) a month, subject to the rules of the Civil Service Commission. (September 26, 1913.)

Maguire, John C. Instructor in Commission.

Maguire, John C., Instructor in Operative and Prosthetic Dentistry and Assistant to the Superintendent of the Infirmary in the College of Dentistry, for one year beginning September 1, 1913, at a salary of fifteen hundred dollars (\$1,500) for the year, with the understanding that his entire time is to be given to the college. (September 25, 1913.)

to the college. (September 25, 1913.)

\*May, Henry Gustav, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1913, at a salary of thirty dollars (\$30) a month, vice R. H. Linkins. (September 9, 1913.)

Moore, J. J., Assistant in the Laboratory for Clinical Research in the College of Medicine, for twelve months beginning October 1, 1913, at a salary of one hundred twenty-five dollars (\$125) a month. (September 30, 1913.)

Oaks, Katherine S., Reviser and Assistant in the Library School, for three months beginning September 24, 1913, at a salary of seventy-five dollars (\$75) a month. (September 20, 1913.)

Provine. L. H., Acting Head of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the Department of Architecture and the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the college of the c

Provine, L. H., Acting Head of the Department of Architecture, until further notice. (September 20, 1913.)

Renich, Katharine Louise, Clerk in the Order Department of the Library, beginning September 22, 1913, or as soon thereafter as she reports for service, and continuing until August 31, 1914, at a salary of sixty dollars (\$60) a month. (September 30, 1913.)

(September 30, 1913.)
Shaw, Hazel Y., Cataloger in the Library, beginning September 22, 1913, at a salary of sixty-five dollars (\$65) a month, subject to the regulations of the Civil Service Commission. (September 26, 1913.)
\*Simon, Anna, Instructor in Voice, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month, vice Lois D. McCobb. (September 15, 1913.)
Spaulding, C. H., Assistant Chemist in the State Water Survey, beginning September 1, 1913, and continuing until further notice, at a salary of sixty dollars (\$60) a month. (September 27, 1913.)
Spindler, George Washington, Assistant in German, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (September 20, 1913.)

1913.)

1913.)
Stewart, Charles L., Instructor in Economics, on half time, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (September 27, 1913.)
Thompson, David, Assistant in Geology, for ten months beginning September 1, 1913, at a salary of forty dollars (\$40) a month, vice G. H. Cady, resigned. (September 25, 1913.)
\*Tippett, Ralph W., Graduate Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of thirty dollars (\$30) a month, vice E. W. Engle. (September 9, 1913.)
Vanderbeek, Herman J., Mechanician in the Department of Mining Engineer-

Vanderbeek, Herman J., Mechanician in the Department of Mining Engineering, beginning September 1, 1913, and continuing until further notice, with a salary at the rate of seven hundred eighty dollars (\$780) per annum. (September 20,

## APPOINTMENTS AS ATTENDING PHYSICIANS IN THE DISPENSARY COLLEGE OF MEDICINE.

The secretary reported also that on September 27, 1913, President James, acting under the authority given him by the Board of Trustees, appointed the following persons to the position of Attending Physician to the Dispensary of the College of Medicine, without salary, in the several departments indicated:

#### Medicine.

Dr. Ernest Moore, Dr. Robert Mosser, Dr. Walter Metcalf, Dr. Franklin S. Wilson.

## Neurology.

Dr. A. S. Hershfield, Dr. B. Braude, Dr. I. B. Diamond,

Dr. Edward F. Leonard.

## Ophthalmology.

Dr. Brown J. Loring,
Dr. E. K. Findlay,
Dr. Charles C. Clement,
Dr. Frederick D. Vreeland,
Dr. Lawrence W. Whitmer.
Dr. Georgiana Theobald.

## Laryngology.

Dr. Margaret Jones, Dr. Lillian Taylor.

<sup>\*</sup> Appointment made by Vice-President Kinley.

### Dermatology.

Dr. Arthur Stillians, Dr. Philip Schaffner.

## Genito-Urinary.

Dr. Irvin S. Koll, Dr. French S. Cary.

#### Orthopedics.

Dr. Charles M. Jacobs, Dr. David Alexander, Dr. Harrison Maltby.

## Pediatrics.

Dr. J. C. Krafft, Dr. W. A. Ribbeck.

## Gynecology.

Dr. John M. Lang, Dr. E. W. Fischmann, Dr. George M. Van Dyke, Dr. Pauline Kapsa.

## Surgery.

Dr. Arrie Bamberger, Dr. John Ross Harger.

## ENTRANCE REQUIREMENTS, COLLEGE OF DENTISTRY,

On motion of Miss Watson, the following statement of entrance requirements for the College of Dentistry was approved:

An applicant for admission to the College of Dentistry must be at least eighteen years of age. Women are admitted on the same conditions and under the same terms as men.

For admission to the College of Dentistry a candidate must present a certificate of graduation from an accredited high school, or an equivalent; which equivalent is interpreted to mean fifteen (15) units of preparatory work in an accredited high school or academy or a state normal school.

No "conditions" can be permitted; the full 15 units must be offered.

The foregoing requirement may be satisfied either (a) by certificate, or

(b) by examination.

(a) Entrance credits will be accepted by certificate from the following sources:

(1) From high schools and academies in the State of Illinois which are accredited to the University of Illinois.

(2) From the State normal schools of Illinois and other normal schools having equal requirements for graduation.

(3) From schools accredited by the North Central Association of Colleges and Secondary Schools.

(4) From schools accredited to the State universities which are included in the membership of the North Central Association of Colleges and Secondary Schools. Schools.

(5) From schools approved by the New England College Entrance Certificate

Board.

- (b) Entrance credits may be made by examination:
  (1) In the examination conducted by the Registrar of the University of Illinois, at the University in Urbana in January, July, and September of each
- year.
  (2) In (2) In the examination conducted by the Registrar of the University of Illinois at the College of Dentistry in September of each year.

  (3) In the examinations conducted in June of each year by the College

(3) In the examinations conducted in June of each year by the College Entrance Examination Board.

(4) In the examination conducted by the Regents of the University of the state of New York.

For further information in regard to these examinations see the Annual Register of the University of Illinois, 1912-13, pages 79, 80, 85-87.

Applications for admission coming from institutions of higher learning, whether candidates for the freshman class or for advanced standing, must present entrance credentials or pass entrance examinations as indicated above.

The College of Dentistry will receive no student who is not present within ten days after the opening day of the session in each year, or in case of necessary delay by reason of illness, properly certified by the attending physician, within thirty days after the opening day.

## RESIGNATION OF THE SECRETARY.

The secretary presented his resignation:

October 4, 1913.

To the Board of Trustees of the University of Illinois:

I hereby submit my resignation as Secretary of the Board of Trustees, with the earnest request that this resignation be accepted at this meeting.

I beg leave to suggest that it be accepted to take effect at the close of the next regular meeting of the board, i.e., the quarterly meeting of December 9, 1913. This will allow for the appointment of a committee to nominate my successor and for his election on December 9. In this way there will be no interruption in the performance of the duties of the office.

My reason for asking to be relieved of the secretaryship is that the registrarship as now constituted at the University of Illinois demands the full time and strength of one man. There is no other university at all comparable in size with the University of Illinois in which the registrar is the secretary of the trustees. There is, in fact, so far as I know, but one other comparable institution in which the registrarship itself is as highly centralized or has as much work assigned to it. assigned to it.

In presenting my resignation I wish to express my appreciation of the pleasure which I have had in my relationship with the Board of Trustees during the past three years.

Respectfully submitted, C. M. McConn, Secretary.

On the recommendation of President James and on motion of Mrs. Evans, it was voted that a special committee be appointed, of which the President of the Board of Trustees should be a member, to consider the secretary's resignation and to nominate his successor.

# INVITATION TO THE ILLINOIS STATE FEDERATION OF WOMEN'S CLUBS.

On motion of Mrs. Henrotin, it was voted that in case the co-operation of the Women's Clubs of Champaign and Urbana can be secured, the University unite with these clubs in an invitation to the Illinois State Federation of Women's Clubs to hold their next annual meeting at the University.

On motion of Mrs. Evans, it was voted that when the board adjourned, it should adjourn to meet in Springfield, at the office of the President of the State Board of Agriculture, on the State Fair Grounds, on Thursday, October 9, 1913, beginning at 10 A.M.

The board adjourned.

W. L. ABBOTT, President.

C. M. McConn, Secretary.

## MEETING OF THE EXECUTIVE COMMITTEE, OCTOBER 4, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Saturday, October 4, 1913, immediately following the adjournment of the special meeting of the board held on that date.

There were present: Mr. Abbott and Mr. Trevett, members of the Executive Committee; Mrs. Evans, Mrs. Henrotin, Mr. Hoit and Miss Watson,

members of the board, and President James.

## SALARY OF THE ADVISER OF FOREIGN STUDENTS.

President James presented a recommendation that the salary of Dr. A. R. Seymour, as Adviser of Foreign Students, be fixed at three hundred dollars (\$300) for the year beginning September 1, 1913, this amount to be additional to the amount of Dr. Seymour's salary as Associate in Romance Languages. This recommendation was approved.

# REPORT FROM THE SUPERVISING ARCHITECT: BIDS AND CONTRACTS.

President James presented a report from Prof. James M. White, Supervising Architect, in regard to a number of bids received and contracts let for certain parts of the work on various University buildings.

This report from the supervising architect was referred to the Commit-

tee on Buildings and Grounds for consideration and report.
The committee adjourned.

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W. L. ABBOTT, J. R. TREVETT.

C. M. McConn, Clerk.

## ADJOURNED SESSION OF OCTOBER 9, 1913.

Pursuant to the adjournment taken at the special meeting of October 4, 1913, a meeting of the Board of Trustees of the University of Illinois was held in the office of the President of the State Board of Agriculture, on the State Fair Grounds, at Springfield, Ill., on Thursday, October 9, 1913, beginning at 10 A.M.

There being no quorum present, the board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

## Meeting of December 9, 1913.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, December 9, 1913. There being no quorum present, the board adjourned to meet in the office of the Governor, at the State House, in Springfield, Ill., on Saturday, December 13, 1913, at 9 A.M.

W. L. Abbott, President.

C. M. McConn, Secretary.

## ADJOURNED SESSION, DECEMBER 13, 1913.

Pursuant to the adjournment taken at the quarterly meeting of December 9, 1913, the Board of Trustees of the University of Illinois met in the office of the Governor, at the State House, in Springfield, Ill., on Saturday, December 13, 1913, beginning at 9 A.M.

The following members of the board were present: President Abbott, Superintendent Blair, Mrs. Busey, Governor Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Dr. Montgomery, Mr. Trevett, Miss Watson. President James was present.

### CONSIDERATION OF MINUTES DEFERRED.

On motion of Mrs. Busey, the consideration of the minutes of previous meetings was deferred.

## DEMAND OF THE STATE AUDITOR THAT THE UNIVERSITY TURN OVER ITS RECEIPTS.

President James presented the following statement in regard to a communication from Hon. James J. Brady, Auditor of Public Accounts, addressed, under date of November 6, 1913, to President Abbott:

The State Auditor has made a formal demand upon the President of the Board of Trustees that he turn over to the State Treasurer all the receipts of the University "from fees, fines, penalties, forfeitures, rentals, the sales of property, or from other like sources."

Mr. Brady fortifies himself in this demand by reference to an opinion rendered by the Attorney General to the effect that the University is bound to turn over such receipts by the terms of an Act entitled, "An Act in relation to the payment of the public money of the State into the State treasury." approved June 9, 1911, and in force July 1, 1911.

Upon receipt of this demand I asked the Chairman of the Finance Committee, Mr. Moore, to call a meeting of that committee to consider the matter. The committee met at the University on November 22, 1913. The minutes of this meeting of the Finance Committee are presented herewith:

## MINUTES OF MEETING OF FINANCE COMMITTEE, NOVEMBER 22, 1913.

"Present: Mr. Hoit, Mr. Trevett, and Mr. Moore, members of the Finance Committee; Mr. Abbott, President of the Board of Trustees, President James, and Judge Harker.
"President Abbott presented a letter from the State Auditor, the Honorable James J. Brady, requesting that all sums of money received from fees, fines, rentals, sales of property, etc., be paid into the State treasury. Judge Harker gave the committee his opinion and advice, and, upon the motion of Mr. Holt, it was voted that the President of the Board of Trustees be requested to request

the State Auditor to furnish a copy of the opinion of the Attorney General on

the state Auditor to furnish a copy of the opinion of the first matter."

The opinion of Judge Harker referred to in the foregoing minutes of the meeting of the Finance Committee is to the effect that the University is not bound to turn over its receipts. This opinion is submitted herewith:

#### OPINION OF JUDGE HARKER.

University of Illinois, December 8, 1913.

President James and the Board of Trustees:

Complying with your request for an opinion as to whether an Act entitled, "An Act in relation to the payment of the public money of the State into the State treasury," approved June 9, 1911, applies to the University of Illinois, I beg to submit the following:

State treasury," approved June 9, 1911, applies to the University of Illinois, I beg to submit the following:

The first section of the Act provides:

"That the Secretary of State, the Auditor of Public Accounts, the Superintendent of Public Instruction, the Adjutant General, the Insurance Department of the State of Illinois, the Board of Administration, the Charities Commission, the Board of Commissioners for the Management of the State Library, the Illinois Stallion Registration Board, the Board of Live Stock Commissioners, the Board of Veterinary Examiners, the Railroad and Warehouse Commission, the Chief Inspector of Grain, all Deputy Inspectors of Grain, Warehouse Registrars and their assistants, all State Weighmasters, the State Board of Examiners of Architects, the State Board of Examiners of Beard of Fish Commissioners, the State Board of Examiners of Architects, the State Board of Examiners of Beard of Plarmacy, the Illinois State Board of Dental Examiners, the Miners' Examining Boards of the respective counties, the State Board of Examiners of Registered Nurses, the State Entomologist, the State Food Commissioner, and all like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named, are hereby declared to be officers, arms, agencies and departments of the State Government, and all moneys received by each of such officers, boards, commission, commissioners, departments or institutions for or on behalf of the State from fees, fines, penaltics, forfeitures, rentals, the sales of property or from other like sources, shall be paid into the State treasury, and no such officer, board, commission, commissioner, department or institution shall expend any money so received, for salaries, expenses or for any other purpose, except upon the warrant of the Auditor of Public Accounts based upon appropriations from the State treasury made biennially by the General Assembly."—Session Laws, 1911, p. 429.

It will be observed that while the Gener

the State treasury made biennially by the General Assembly."—Session Laws, 1911, p. 429.

It will be observed that while the General Assembly has seen fit to specifically enumerate several of the general departments of the State Government, State boards, commissions, inspectors, registrars, etc. (twenty-eight in all), as being subject to the provisions of the Act, the University of Illinois is not in this section or any subsequent section of the Act mentioned. Under a well recognized canon for statutory construction, it would seem, then, that the General Assembly did not intend that the provisions should apply to the University. I do not contend that application is limited to the departments, boards, commissions, and officials named. Clearly, all other kindred executive and administrative boards, commissions, and institutions of the State Government were included within the legislative intent. That is made manifest by the words "all like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government berein named, are hereby declared to be officers, arms, agencies and departments of the State Government."

I call especial attention to the language "like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named." Is the University of Illinois like any of the departments, boards, or commissions named? Upon the decision of that question rests the correct interpretation of the Act. I need not enumerate the many respects in which the University differs from them. Not one of them is like it, either as to purpose of creation or as to manner of discharging its functions.

The organic Act, passed before the adoption of the present State Constitution, made the Board of Trustees a body corporate and politic, having perpetual succession, and with "power to contract and be contracted with, to sue and be sued, to plead and be impleaded, to acquire, hold and convey real and personal property," etc. Th

sary to include so insignificant a body as the Board of Examiners of Barbers

by naming the latter.

sary to include so insignificant a body as the Board of Examiners of Barbers by naming the latter.

As you doubtless know, the Attorney General of the State entertains a view different from that expressed above and has rendered an opinion to the State Auditor to that effect. He cites in support of his view a late case decided by our Supreme Court entitled Chicago Board of Trade v. Cowen, 252 Ill., 554. The case cited is not an authority supporting the contention that the Act applies to the University of Illinois. In that case the Board of Trade of the city of Chicago and a number of other complainants engaged in the grain business in Chicago brought suit against Cowen to enjoin the payment into the State treasury of a fund of \$64,560.37\$, arising from grain inspection fees collected in Cook County and elsewhere. Cowen was the Chief Inspector of Grain of the State. The State Treasurer, the State Auditor, and the Railroad and Warehouse Commission were made defendants to the bill. The bill attacked the constitutionality of the Act, and the complainants also insisted that under a proper construction the Act did not include fees for grain inspection service. The Supreme Court decided that the Act was constitutional. It decided that the fees were payable under the Act into the State treasury. Really, I am unable to see how a court could have rendered any other decision, but the question there is not the one involved here. In the Act mentioned the Chief Inspector of Grain was specifically named. In our case the University of Illinois is not named, nor is it so like any of these boards or commissions named as to include it within the words "all like boards, departments," etc., as I have undertaken to show. It is true that the Supreme Court does say in that case that the Act, in requiring the payment of fees into the State treasury, was declarative only of a duty which devolved upon the Grain Inspector ever since the grain inspection law was enacted. That statement came largely by way of dictum, but the dictum is not ap Respectfully submitted

O. A. HARKER, Counsel for the University of Illinois.

It would appear from a study of the history of the Act as it passed the General Assembly that the Journals of the two houses bear out the view of the Legal Counsel of the University. The law as it passed the House in the first instance was intended to include the University of Illinois, but the expression under which the University was comprised, namely, "charitable, educational, penal, reformatory and correctional institutions founded, controlled and maintained by the State," was altered by the Senate in such a way as to make it clear that there was no intention to include the University as one of the departments subject to the provisions of this Act. This amendment was subsequently accepted by the House. the House.

Governor Dunne moved that the Legal Adviser of the Board of Trustees be requested to confer personally with the Attorney General in regard to this matter and to report the result to the board.

In discussion of this motion the Governor expressed the opinion that if the Attorney General and the University Counsel should go over this law in personal conference, they would be able to reach an agreement in regard to its interpretation.

The Governor's motion was passed unanimously.

## PROPOSAL TO REPEAL SECTION 5, ARTICLE VI, OF THE BY-LAWS.

Mr. Trevett moved that section 5, article VI, of the By-laws of the Board of Trustees be repealed.

The chairman, having called attention to the clause of section 2, article VIII. which provides that copies of amendments proposed at any meeting "shall be submitted in writing and furnished each member at the beginning of such meeting," ruled that this motion was out of order.

### LOCATION OF WOMEN'S RESIDENCE HALL DISCUSSED.

President James called attention to the recommendation of the Finance Committee, printed in the minutes of the board meeting of October 4, 1913 (page 652), that the proposed residence hall for women be located on lots 23, 24, and 25 on the south side of Nevada Street in Urbana (about half way between Goodwin Avenue and Gregory Place), and that an offer of forty dollars (\$40) a front foot be made for these properties; and urged that a decision should be reached in this matter at as early a date as possible if there is any idea of erecting such a building during the present biennium.

After considerable discussion, it was voted, on motion of Mrs. Evans, that the further consideration of this matter be deferred until the next meeting of the board.

#### OFFER FOR THE BROOKS PROPERTY WITHDRAWN.

On motion of Mr. Trevett, it was voted that the authority for the purchase of the Brooks' site be withdrawn.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### THE GERMAN AMBASSADOR TO BE THE COMMENCEMENT SPEAKER.

(1) An announcement that the German Ambassador at Washington, Count Johann Heinrich von Bernstorff, has accepted an invitation to give the address at the Forty-third Annual Commencement to be held on Wednesday, June 17, 1914.

#### PLANS FOR A GREGORY REUNION.

(2) A statement in regard to the plans for a reunion of alumni and former students who attended the University during the administration of Dr. John Milton Gregory, the first Regent:

I am making earnest efforts to have all former students of the University who were registered in the institution during the regency of Dr. Gregory in attendance at the exercises of the Commencement Week in 1914; at which time it is proposed to hold special services in connection with the marking of the grave of Dr. Gregory located on the campus.

In accordance with an action already taken by the board (on October 8, 1912, page 132), the supervising architect has been asked to submit at the earliest possible date a recommendation with reference to a simple and appropriate method of marking the grave.

The alumni have appointed a committee to collect funds for the purpose of erecting a worthy memorial to Dr. Gregory in the form of a University building. This committee consists of Hon. S. A. Bullard, Chairman, Mr. Peter Junkersfeld, and Mr. C. O. Fischer.

The policy of trying to get the alumni to come in larger numbers to the exercises of Commencement Week was instituted some time ago, and has met with a measurable degree of success. Two years ago the men and women who matriculated during the first four years of Dr. Gregory's administration were especially invited to return, and over one hundred of the students of the years between 1868 and 1872 put in an appearance—a very considerable percentage of the number alive at that time.

Last year a special invitation was extended to the men and women who had

and 1872 put in an appearance—a very considerable percentage of the number alive at that time.

Last year a special invitation was extended to the men and women who had matriculated during the next four years of Dr. Gregory's administration, 1873-76. This meeting was also a decided success.

For the coming year the invitation has been extended to all who were in attendance during the entire period of Dr. Gregory's regency.

An invitation to send representatives has been extended to the several institutions with which Dr. Gregory was associated—to Union College, from which he was graduated; to the University of Michigan, which granted him an honorary degree; and to Kalamazoo College, of which he was president; also to the Department of Education of the state of Michigan, of which he was at one time the head. President Hutchins of the University of Michigan has kindly consented to be present and to deliver a brief address. The State Superintendent of Public Instruction of Michigan has also promised to attend the exercises. I have little doubt that the other institutions will be represented by delegates if not by their presidents. presidents.

#### DEDICATION OF THE NEW ARMORY.

proposal that the new Armory be dedicated on Decoration Day, May

(3) A proposal that the new Armory be dedicated on Decoration Day, May 30, 1914, with the following statement in regard to plans for this event:

If the board approves, a special invitation will be extended to the President of the United States, the Secretary of State, the Secretary of War, the Secretary of the Interior, and the head of the general staff, to attend these exercises and participate in them. An invitation will also be sent to members of Congress and other officials of the Federal Government, and to members of the General Assembly and other officials of the State government.

The University of Illinois is a federal as well as a State institution, and no opportunity should be lost to emphasize this relation. In the case of the Armory, which is erected pursuant to the requirements of the federal law, it is especially appropriate that we should secure the cooperation of federal officers.

I am told by the supervising architect that, while the Armory will not be completed by Decoration Day, it will, in all probability, be far enough along to be used regularly by the regiment and to give an adequate idea of its great usefulness to the University.

On motion of Governor Dunne, it was voted that the president be

On motion of Governor Dunne, it was voted that the president be authorized to arrange for the dedication of the Armory on May 30, 1914, provided the Grand Army Posts of Urbana and Champaign consent to the holding of these exercises on that date. Section of the

#### DEPOSIT TO BE REQUIRED FOR MILITARY OUTFITS.

(4) The following request from Major Frank D. Webster, Professor of Military Science: MILITARY DEPARTMENT, December 5, 1913.

The President, University of Illinois.

SIR: I have the honor to recommend that hereafter every student on entering the University be required to make a deposit sufficient to cover the cost of his

military outfit.

The present system is bad in that it gives the student opportunity to delay the purchase of his uniform at his own discretion. A deposit will cause the uniform to be delivered at once upon arrival and not delay the equipment of the regiment

to be delivered at once upon arrival and not delay the equipment of the regiment as the present system does.

All students were notified a month before November 10th that the uniforms would be here on that date and cautioned to provide themselves with funds by that time. Some had no funds until after Thanksgiving, and some of them, after stating that they would have, are not so provided up to date.

The cost of the military outfit as furnished now is \$16.20.

I request that this master be taken up by the proper authorities at once in order to farestall a repetition of such delays.

Very respectfully.

of such delays.

Very respectfully,
F. D. Webster,

Major 20th Infantry, Professor of Military Science. On motion of Governor Dunne, it was voted that hereafter every student

be required to make, on a date to be named by the commandant, a deposit sufficient to cover the cost of his military outfit.

### APPROPRIATION FOR BRYAN PRIZE TRUST FUND.

(5) The following communication from Professor George E. Frazer, Comptroller: UNIVERSITY OF ILLINOIS, November 15, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: By reference to page 73 of the minutes of the Board of Trustees for April 19, 1899, you will note that Hon. William J. Bryan gave a sum of two hundred fifty dollars to the Board of Trustees for the establishment of the William J. Bryan prize, a prize of twenty-five dollars to be awarded every two years. The sum of money thus donated was passed into the general fund of the University, and does not appear upon our books as a trust fund. I recommend that the Board of Trustees appropriate the sum of two hundred fifty dollars from the general fund of the University as a special trust fund. It is desirable that no question should arise hereafter as to the disposition made by the University of this donation. donation.

Very truly yours,
GEO. E. FRAZER, Comptroller. On motion of Dr. Montgomery, the comptroller's recommendation was approved; i. e., the sum of two hundred fifty dollars (\$250) was set aside from the general fund of the University as a special trust fund for the support of the William J. Bryan prize. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore. 

## PAYMENT TO CHICAGO BOARD OF EDUCATION.

(6) A statement from Professor George E. Frazer, Comptroller, concerning a payment on the mortgage note of the College of Physicians and Surgeons of Chicago to the Board of Education of the city of Chicago.

This communication was received to be printed in the minutes:

November 7, 1913.

President Edmund J. James, University of Illinois.

Dear Sir: 1 beg to report that I have paid to Mr. L. E. Larson, Secretary of the Board of Education of Chicago, the sum of \$10,166.67, in payment of the installment of \$10,000 due on July 1, 1913. on the mortgage note of the College of Physicians and Surgeons of Chicago to the Board of Education. This payment fell due July 1st last, and the time of payment was extended to November 1. The interest from July 1 to November 1 on the installment amounted to \$166.67.

Very truly yours.

Geo. E. Frazer, Comptroller.

# APPOINTMENT OF DIRECTOR OF THE MINERS' AND MECHANICS' INSTITUTES.

(7) A recommendation that Mr. R. Y. Williams be appointed Director of the Miners' and Mechanics' Institutes, at a salary of four thousand dollars (\$4,000) per annum, work and salary to begin when he reports for service in Urbana, and to continue until June 30, 1915; together with the following statement in regard

to continue until June 30, 1915; together with the following statement in regard to these institutes:

The General Assembly which met in January, 1911, passed a law authorizing and requiring the University of Illinois to establish and maintain certain miners and mechanics institutes, for the purpose of giving instruction at suitable places in the State to people who desire it on the subject of mining. The last General Assembly made an appropriation of fifteen thousand dollars (\$15,000) per annum for the support of these institutes. It is proposed to place them under the direct supervision of the Department of Mining Engineering of the College of Engineering.

On motion of Superintendent Blair, the president's recommendation was approved and the appointment made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore.

#### RESOLUTIONS OF THE REGENTS OF THE UNIVERSITY OF MICHIGAN.

(8) A letter from the Secretary of the Board of Regents of the University of Michigan, transmitting certain resolutions passed by the regents on November 14, 1913, relating to the proposed return of the University of Michigan to membership in the Western Intercollegiate Conference.

These resolutions were received to be printed in the minutes:

This board deems inexpedient, under present conditions, a return of the University of Michigan to the Western Conference, and deems undesirable the continued agitation of the subject on the campus. The board wishes to express its sense of appreciation to those members of the conference that have invited Michigan's return, and its hope that there may be fostered in all educational institutions a high standard of sportsmanship and manhood.

The board believes that the present status of athletics at Michigan is in many respects satisfactory, but will welcome, and, as far as expedient, cooperative in any changes in college athletics that will further the objects for which the conference was originally founded.

#### INTEREST PAYMENTS AUTHORIZED.

(9) The following communication from Professor George E. Frazer, Comptroller, asking for authority to make interest payments on certain bonds; with the recommendation that the comptroller be authorized to make these payments from the general funds for operating expenses:

November 19, 1913.

President Edmund J. James, University of Illinois.

DEAR SIR: On January 1, 1914, interest payments will be due as follows, on account of the indebtedness of the College of Physicians and Surgeons of Chicago:

3,270 00

1.800 00

\$6,720 00 listed above.

Very truly yours, GEO. E. FRAZER, Comptroller.

On motion of Governor Dunne, the president's recommendation was approved; i. e., the comptroller was authorized to make the interest payments as specified from the general funds for operating expenses. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore.

#### LEAVE OF ABSENCE FOR PROFESSOR FAIRLIE.

(10) The following request from Dr. John A. Fairlie, Professor of Political Science, for leave of absence, without salary, for the second semester of the current academic year; accompanied by the recommendation that the request be

URBANA, ILL., December 2, 1913.

President Edmund J. James, University of Illinois.

DEAR PRESIDENT JAMES: Referring to our conversation some days ago, I write to request permission from the Board of Trustees for a leave of absence from the University, without pay, for the second semester of this academic year, for the purpose of taking charge of an investigation of the State departments, bureaus, and commissions authorized by the General Assembly of Illinois, under the general

direction of the Joint Efficiency and Economy Committee. This will take the place of the leave of absence previously granted for the purpose of travel and study in Europe.

Yours truly, JOHN A. FAIRLIE.

On motion of Governor Dunne, Professor Fairlie was granted leave of absence as requested.

At this point Governor Dunne withdrew.

#### SWITCH TRACK TO STORAGE YARD.

(11) A request from Professor James M. White, Supervising Architect, for authority to lay a switch track from the interurban line to a suitable location for a storage yard for coal on the property recently acquired by the University east of Goodwin Avenue, at an estimated cost of twelve hundred fifty dollars (\$1,250).

On the recommendation of President James, and on motion of Superintendent Blair, this recommendation was referred to the Committee on Buildings and Grounds, with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS CALLED.

President Abbett, as Chairman of the Committee on Buildings and Grounds, announced that he would like to have a meeting of the committee in the Trustees' Room at the University, in Urbana, on Saturday, December 20, 1913, beginning at 1 P.M.

At this point Governor Dunne rejoined the meeting.

#### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(12) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, with reference to the constitution and appointment of certain advisory committees, proposing the adoption of resolutions similar to the following:

WHEREAS, The Advisory Committee relationship has proved profitable to the work and the service of the Agricultural Experiment Station; and

WHEREAS, The form in which appropriations are now received operates to terminate the legal existence of these committees; therefore, be it

Resolved, By the Board of Trustees of the University of Illinois that the continuance of these committees be secured by the following plan of procedure:

1. Each of the agricultural organizations of the State to be hereinafter enumerated shall be invited to submit a list of ten names chosen from among the most progressive and representative farmers of the State.

2. Upon the recommendation of the President of the University the trustees shall elect from each list a committee of five in such a way that one vacancy shall occur each year.

3. After the first year each association shall be invited to submit a list of three, from which one shall be chosen in the manner prescribed above.

4. These committees shall serve without recompense except for actual expenses.

5. The service of these committees shall be invited in an advisory capacity as heretofore with reference to the lines of work which may be most profitably undertaken by the various departments of the Agricultural Experiment Station and the best methods of making the results available to agricultural practice.

6. The following associations shall be invited to submit lists and to enter into this advisory relationship:

Illinois Farmers' Institute.

Illinois State Horticultural Society.

Illinois State Horticultural Society.

Illinois State Florists' Association.

Illinois State Florists' Association.

Illinois The board may alter such rules and regulations at will.

On motion of Governor Dunne, the co

7. The board may alter such rules and regulations at will.

On motion of Governor Dunne, the consideration of this matter was deferred until the next quarterly meeting of the board.

### QUARTERS FOR THE SCHOOL OF PHARMACY.

(13) A request from Professor W. B. Day, Acting Dean of the School of Pharmacy, that the University Comptroller be authorized to renew the lease for the quarters now occupied by the School of Pharmacy for one year from May 1, 1914, and to secure, if possible, an option for a further renewal of this lease for one year from May 1, 1915.

(14) Also, a recommendation that the President of the Board of Trustees be authorized to purchase the lot at the northeast cornor of Honore and West Harrison streets, Chicago, fronting 126 feet on West Harrison Street and 72 feet on Honore Street, immediately across Honore Street from the building occupied at present by the College of Dentistry, at a price not to exceed the valuation recently placed upon it by the committee of the Chicago Real Estate Board (see minutes of July 23, 1913, page 629), namely, thirty thousand six hundred dollars (\$30,600)—twenty-one thousand six hundred dollars (\$21,600) for the land and nine thousand (\$9,000) for the buildings; and that in case the President of the Board is not able to acquire this property at the price named, the legal counsel of the University be instructed to begin condemnation proceedings to acquire it; and further, that the supervising architect be instructed to submit plans for a fireproof building to be erected upon this site to house the School of Pharmacy and the Library of the Colleges of Medicine and Dentistry and the School of Pharmacy. On motion of Governor Dunne, the first of these two recommendations, providing for the renewal of the lease for the present quarters of the School

providing for the renewal of the lease for the present quarters of the School of Pharmacy, was referred to the Committee on the College of Medicine and the School of Pharmacy, for consideration and report; and the second recommendation, relating to the purchase of the lot on the corner of West Harrison and Honore streets, was referred to the Finance Committee for

consideration and report.

At this point Governor Dunne and Mrs. Henrotin withdrew.

#### REPORT ON THE DEATH OF JAMES W. NORTH.

(15) A report from Mr. William H. Browne, Secretary of the College of Medicine, concerning the death of Mr. James W. North, Caretaker and Embalmer in the Dissecting Department of the College of Medicine, together with an opinion from the Legal Counsel of the University with reference to the liability of the Board of Trustees in this case:

## [SECRETARY BROWNE'S LETTER.]

December 6, 1913.

Dr. Edmund Janes James, President, University of Illinois, Urbana-Champaign, Ill.

My Dear Doctor James: I regret to report a distressing accident which occurred in the College of Dentistry Building, presumably on the afternoon of Friday, the 5th inst. James W. North, who has been caretaker and embalmer in the Dissecting Department, was found dead at the bottom of the freight elevator shaft by the night watchman on his rounds this morning, about five o'clock. It is supposed that he thought the freight elevator was on a level with the fourth floor dissecting room and backed into the shaft, pulling a table, on which there was a cadaver, in after him, as the cadaver and table were found on top of him.

Mr. North has been an efficient and faithful employee for the past five years, and leaves a family of a wife and four children. He is one of the employees of whom I spoke with you last Saturday relating to his raise in salary.

I do not know what the custom of the University is in such cases, but I respectfully suggest that his check in full for the month of December be sent to his widow at No. 7429 South May Street, Chicago, Ill.

Regarding the filling of his position, I am counseling with Drs. Eycleshymer and Rupert and will make you a report in a few days. Dr. Eycleshymer's plan now is to temporarily fill the position with a student assistant, who could take care of the work for the next few weeks while we are looking for a suitable man.

Yours very truly,

WILLIAM H. Browne, Secretary. Dr. Edmund Janes James, President, University of Illinois, Urbana-Champaign, Ill.

## [JUDGE HARKER'S OPINION.]

December 9, 1913.

President Edmund J. James, University of Illinois.

MY DEAR PRESIDENT JAMES, Ownersary of Tumors.

MY DEAR PRESIDENT JAMES: I have yours containing letters from Secretary Browne of the College of Medicine.

The Board of Trustees is not liable in a tort action. It may enter into contract to the extent of an individual or a private corporation; it may acquire property and hold title to the same; it may sue and be sued; but as it acts in a trust relation for the purpose of procuring and maintaining opportunities for education in the State, and is in no sense a corporation for profit, it is not liable for negligence. for negligence.

Some time ago I submitted to the Board of Trustees an opinion in which I set forth fully the reasons why the board is not liable in that kind of an action, and I think I cited authorities in support of my position. At all events, I feel quite sure that no liability attaches to the Board by reason of the manner in which James W. North came to his death in the Dentistry Building.

I return enclosures.

Sincerely yours,
O. A. HARKER, Legal Counsel.

President James stated that in the absence of any action by the board he would direct the comptroller to send Mr. North's salary check for the

month of December to his widow, as suggested by Secretary Browne. No action was taken by the board.

#### SMOKING PROHIBITED IN MEDICAL SCHOOL.

(16) The following statement and recommendation with reference to smoking in the buildings of the College of Medicine and Dentistry:

The Supervising Architect has reported that three times this year incipient fires have gained some headway in the buildings occupied by the Colleges of Medicine and Dentistry in Chicago which were plainly started by carelessness in the use of lighted cigars or cigarettes.

The buildings are very inflammable. There is no insurance at present upon the equipment in the buildings which belongs to the University of Illinois. The insurance on the buildings is for the benefit of the bond holders and mortgage holders, and in case of fire the loss, so far as the University is concerned, would be total.

The supervising architect recommends therefore that smoking be prohibited.

The supervising architect recommends, therefore, that smoking be prohibited in and about the buildings of the Colleges of Medicine and Dentistry, except in certain specified places that may be named by the President of the University. If this recommendation should be approved by the Board of Trustees, I should interpret it to apply to professors, instructors, and employees, as well

as to students.

I should interpret it to mean, also, that a room where persons may smoke may be set apart if it be found feasible to secure a room where the risk from fire will be eliminated.

On motion of Dr. Montgomery, the president's recommendation relating to this matter was approved.

#### APPROPRIATION FOR PHOTOGRAPHIC LABORATORIES.

(17) A request from Mr. A. G. Eldredge, Instructor in Photography, endorsed by Professor S. W. Parr, who has been in charge of the photographic work of the University, for an appropriation of fifteen hundred dollars (\$1,500) for equipment in the photographic laboratories and for the making of changes in the laboratories which may be necessary to render the equipment available.

On motion of Dr. Montgomery, this request was approved, i. e., an appropriation of fifteen hundred dollars (\$1500) was made for the purpose named. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

## IMPORT ORDER FOR CHEMICALS.

(18) A request from Professor W. A. Noyes, Director of the Chemical Laboratory, for authority to place an order for the importation of supplies for the chemical laboratory for the coming year, to an amount not to exceed twelve thousand dollars (\$12,000).

On motion of Mrs. Evans, this authority was given as requested, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

At this point Governor Dunne and Mrs. Henrotin rejoined the meeting.

## ENTRANCE REQUIREMENTS, COLLEGE OF MEDICINE.

(19) A recommendation that for the year beginning September 1, 1914, and thereafter, the following be the minimum entrance requirements for the College of Medicine: 1. Fifteen units of secondary credit, including prescribed subjects, as follows:

Plane geometry
German, French, Latin, or Greek
American history and civics Electives follows . Physics
Chemistry
Biology 
 Biology
 8

 German or French
 6

 Electives
 30

Either the secondary or the collegiate requirements may be satisfied (a) by certificate, or (b) by examination.

(a) Secondary credits will be accepted by certificate from the following

sources:

(1) From high schools and academies in the State of Illinois which are accredited to the University of Illinois.

(2) From the State normal schools of Illinois and other normal schools

having equal requirements for graduation. (3) From schools accredited by the North Central Association of Colleges

and Secondary Schools. (4) From schools accredited to the State universities which are included in the membership of the North Central Association of Colleges and Secondary

(5) From schools approved by the New England College Entrance Certificate Board.

(b) Secondary credits may be made by examination:
(1) In the examination conducted by the Registrar of the University of Illinois at the University in Urbana in January, July, and September of each year.
(2) In the examinations conducted by the Registrar of the University of Illinois at the College of Medicine in September of each year.
(3) In the examinations conducted in June of each year by the College Entrance Examination Board.

(4) In the examinations conducted by the Regents of the University of the

Entrance Examination Board.

(4) In the examinations conducted by the Regents of the University of the state of New York.

Collegiate credits will be accepted by certificate from recognized colleges which require for admission the completion of at least 14 units of high school work in an accredited high school or the full equivalent thereof, and for graduation, in addition, four years of college work; or may be made by examination in the examination conducted by the Registrar of the University of Illinois at the College of Medicine in September of each year.

On motion of Dr. Montgomery, the foregoing statement of entrance requirements for the College of Medicine was approved, to be effective for

the year beginning September 1, 1914, and thereafter.

#### ENTRANCE REQUIREMENTS, COLLEGE OF LAW.

(20) A communication from the Clerk of the University Senate, transmitting a recommendation of that body concerning an increase in the entrance requirements of the College of Law:

University of Illinois, October 14, 1913.

Dr. Edmund J. James, President, University of Illinois.

Dear Sir: The University Senate at its meeting of June 2, 1913, on the recommendation of the Faculty of the College of Law and the Senate Committee on Educational Policy, voted to recommend to the Board of Trustees that the entrance requirements of the College of Law for the year 1915-1916, and thereafter, be changed to read as indicated in the following statement. This recommendation is in accordance with the recommendation from the Advisory Board of the College of Law, which has already been before the Board of Trustees (minutes of March 5, 1913).

The requirements for admission to the College of Law for the year 1915-16 and thereafter shall be as follows:

and thereafter shall be as follows:

and thereafter shall be as follows:

For admission as a regular student and candidate for the degree of Bachelor of Laws, an applicant must be matriculated and have 60 hours of credit in a college of this University; or have completed two full years of work as given at another college or university of recognized standing; or have received by transfer 60 hours of university credit here.

The faculty of the College of Law may, in its discretion, prescribe from time to time subjects which shall be required as part of the preliminary college work, subject to approval by the Senate.

A student who is twenty-one years of age and is entitled to admission as a regular student to another college of this University, will be admitted as a special student in the College of Law. If he attains in the course of the first year an average grade of 80 or over, he will be admitted to regular standing, and he may receive the degree of Bachelor of Laws if in all the courses he presents for the degree his average grade is 80 or more.

Note.—The above is not intended to abrogate the present rule in regard to the admission of special students.

Very respectfully yours,

Very respectfully yours, C. M. McConn

Clerk of the Senate.

On motion of Governor Dunne, the foregoing recommendation of the University Senate was approved.

#### AUDITOR'S REPORT.

(21) A report from the United States Audit Company, of Chicago, of an audit of the books and accounts of the University for the first quarter of the fiscal year ended September 30, 1913.

This report was received to be filed, certain parts to be printed in the

minutes: November 20, 1913. Honorable Allen F. Moore, Chairman Finance Committee, University of Illinois, \$13,218 53 \$9,925 16 3,293 37 \$13,218 53 On and after August 1, 1913, all the receipts have been deposited intact, the Bursar having an established fund for petty payments amounting to \$5,000. We verified this amount by count on the morning of October 16, 1913, and found \$ 425 00 Currency ..... 16 81 337 33 2,796 92 1,799 58 Coin ..... Checks
Balance Busey's Bank, as per certificate.....
Vouchers in process of entry \$5,374 64 \$5,000 00 374 64 \$5,374 64 In the cash statement following, we present in total the general cash transactions for the first quarter, as represented by the cash book and warrant register, beginning with the general cash balance at June 30, 1913:

Treasurer's balance June 30, 1913 ..........\$277,996 02

Bursar's balance June 30, 1913 ............\$2,128 77 \$280,124 79 184,560 13 \$464.684 92 Deduct—Warrants drawn on University treasurer (Exhibit "B") 223,203 96 \$241,480 96 Made up as follows- 
 Treasurer's balance
 \$237,614 55

 Receipts of September 30, deposited October 1
 3,866 41
 \$241,480 96 The following is a reconcilation of the treasurer's account with the books of the University as at September 30, 1913: Treasurer's balance, per University records. \$237,614 55 Add—Unpaid warrants, Schedule "5". 30,220 12 \$267,834 67 

 Made up as follows (Schedule "4")—
 \$245,633
 25

 General fund
 \$2,222
 87

 College of Medicine
 2,222
 87

 U. S. Agricultural Experiment Station
 3,312

 Cabool of Pharmacy
 16,666
 24

 Treasurer's bank balance, per certificate...... \$267,834 65 Difference ..... - \$267,834 67 In reconciling the bank account of the University treasurer, we found that the following two checks were paid twice, a duplicate having been issued: \$4 71 As the amounts were small, we have, pending adjustment, shown these as a deduction from the unpaid warrants.

We have proved the footings of the warrant register, cash book and summer session fee book; and verified all the postings to and footings of the disbursement ledger and cash receipt analysis ledger.

We also verified the distribution of disbursements, and found that same appear to be proper charges to the various classifications, as noted in our schedules "1,"

"2" and "3," and subsidiary schedules thereof.

-43 TJ

We reconciled the receipts as shown by the cash be shown by the bank, and found that all receipts were deposit peposits as per bank	ited as pe \$183,316	r th	deposits ie followin	as ig:
Add—Deposit of October 1, being September 30 receipts	\$182,837 3,866			
Difference	\$186,703	88 02		
Deduct—Deposit of July 1, being June receipts	\$186,703 15	90	\$186,688	90
Receipts—Exhibit "A"	\$134,560 50,000			
Bursar's balance June 30, 1913	\$184,560 2,128		\$186,688	90
We verified the summer session fees and found the f No. 326 Ora Reno			\$ 8 2	00
As no budget had been adopted at the time of thi	s audit b	y, tl	\$30 he Board	

As no budget had been adopted at the time of this addit by the Board of Trustees for the period 1913-14, the disbursements as shown on Schedule "3" are as they appear on the books of the University.

We submit various exhibits and schedules, as enumerated on the index prefixed hereto, and, subject to remarks in this report, we certify that same are correct and in accordance with the books and records of the University of Illinois.

Yours very truly,

Human Smarres Annue Co.

UNITED STATES AUDIT Co., WHITNEY B. FLERSHEM ByCertified Public Accountant.

# HENRY L. HERTZ, President.

Authorized and Approved:

RECOMMENDATION CONCERNING NEW LIBRARY BUILDING. (22) A communication from the Library Committee of the University Senate concerning the urgent need of a new University Library Building.

This communication was referred to the Committee on Library for consideration and report.

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record:

Lees, which was received for record:

Alder, Clay, Student Assistant in Chemistry in the College of Medicine, to render three hours' service per week beginning December 1, 1913, for the remainder of the first term, and six hours' service per week during the second term, and to be paid at the rate of fifty dollars (\$50) per year for three hours' service per week throughout the year. (October 31, 1913.\*)

Allen, Louis, Assistant in Romance Languages, on half time, beginning as soon as he reports for service, and continuing until June 30, 1914, at a salary of forty-five dollars (\$45) a month. (October 11, 1913.)

Appelle, C. G., Student Assistant in Chemistry in the College of Medicine, to give six hours' service per week throughout the year, at a compensation of one hundred dollars (\$100) for the year. (October 31, 1913.)

Armeson, Mable L., Stenographer in the College of Medicine, at a salary of seventy-five dollars (\$75) per month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Aust, Franz August, Assistant in Landscape Design, for eleven months beginning October 1, 1913, at a salary of eighty-three and 33/100 dollars (\$83.33) a month, vice Thomason, declined. (October 11, 1913.)

Bartlett, Frank Kaiser, Assistant in Pathology in the College of Medicine, for the academic year beginning October 1, 1913.)

Bartlett, Frank Kaiser, Assistant in Pathology in the College of Medicine, for the academic year beginning october 1, 1913.)

Berry, E. H., Assistant in Military Science. for the academic year 1913-14, at a remueration of one hundred dollars (\$100) for the year, [October 18, 1913.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

<sup>†</sup> Appointment made by Vice-President Kinley.

twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Beyer, Melinda Lynn, Stenographer in the President's Office, at a salary of seventy-five dollars (\$75) a month, beginning August 28, 1913, and continuing until further notice. (October 14, 1913.)

Bowen, Evalena, Stenographer in the Department of Animal Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Brachvogel, Max, Student Assistant in Physiology in the College of Medicine, to give three hours' service per week throughout the year, at a compensation of fifty dollars (\$50) for the year. (October 23, 1913.)

fifty dollars (\$50) for the year. (October 23, 1913.)

Britton, Floyd Evanston, Clerk in the Order Department of the Library, for ten months beginning November 1, 1913, at a salary of thirty dollars (\$30) a month. (October 25, 1913.)

Buckles, Mildred, Stenographer in the Department of Horticulture, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Burt, Ruth, Stenographer in the Department of Horticulture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Carson, H. Y., Assistant in Architectural Engineering and Superintendent of Construction in the office of the Supervising Architect, for the months of October and November, 1913, at a salary of one hundred twenty-five dollars (\$125) a month. (November 5, 1913.)

Cole, Henry W., Curator in the College of Medicine, at a salary of one hundred dollars (\$100) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Conley, C. C., Student Assistant in Chemistry in the College of Medicine, to

Cort, W. W., Fellow in Zoölogy, for the academic year beginning September 14, 1913.)

Cort, W. W., Fellow in Zoölogy, for the academic year beginning September 14, 1913.)

Cover, Hazel, Stenographer in the Department of Horticulture, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Cover, Hazel, Stenographer in the Department of Horticulture, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Crathorne, Anna, Stenographer in the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Custer, Emma L, Chief Clerk and Bookkeeper in the Department of Agronomy, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Dixon, Raymond E., Assistant in English, beginning as soon as he shall report for service, and continuing until June 30, 1914, at a salary of one hundred ten dollars (\$110) a month. (October 13, 1913.)

Dixon, Raymond E., Stenographer in the Business Office, at a salary of fifty dollars (\$50) at hos. (Stenographer in the Business Office, at a salary of fifty dollars (\$50) at hos. (Stenographer in the Business Office, at a salary of fifty dollars (\$50) at hos. (Stenographer in the Business Office, at a salary of fifty dollars (\$50) a month. (October 21, 1913.)

Eastern Frederick H., Research Fellow in Obstetrics in the College of Medicine, for ten months beginning October 1, 1913, at a salary of fifty dollars (\$50) a month. (October 21, 1913.)

Fargo, Roy N., Instructor in Physical Training and Director of the Gymnasium, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month; this appointment to supersede his former appointment as Assistant in Physical Training at fifty dollars (\$50) a month. (October 14, 1913.)

Feldkamp, Amelia, Clerk in the Department of Dairy Husbandry, at a salary of forty dollars (\$40) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Fisher, O. G., Assistant in Bacteriology in the College of Medicine, for the academic year 1913-14, at a remuneration of two hundred dollars (\$200) for the year. (October 10,

Gubbins, Maud, Infirmary Clerk in the College of Dentistry, at a salary of sixty dollars (\$60) a month, beginning as soon as she reports for service, and continuing until further notice. (October 6, 1913.)

Hakenson, Eric Gosta, Student Technician in the Infirmary and Dissecting Room of the College of Medicine, for eight months beginning October 1, 1913, at a salary of thirty dollars (\$30) a month. (October 17, 1913.)

Halliday, Mabel, Stenographer in the Department of Animal Husbandry, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Harper, Julia Alberta, Editorial Assistant in the Department of Horticulture, at a salary of sixty-five dollars (\$65) a month, beginning October 1, 1913, and continuing until further notice. (October 11, 1913.)

Howes, H. E., Assistant in Military Science, for the academic year 1913-14, at a remuneration of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Hwasser, Anna Julia, Assistant Librarian in the College of Medicine, at a

Hwasser, Anna Julia, Assistant Librarian in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning as soon as she reports for service, and continuing until further notice. (November 18, 1913.)

service, and continuing until further notice. (November 18, 1913.)

Katz, Louise W., Temporary Catalog Assistant in the Library (on the Vahlen and Aron Libraries), at a salary of seventy-five dollars (\$75) a month, beginning as soon as she shall report for service, and continuing until further notice. (October 25, 1913.)

Kennedy, R. E., Instructor in Foundry, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month; this appointment superseding his previous appointment at one hundred twenty dollars (\$120) a month. (October 10, 1913.)

Lahr, Lawrence, Stenographer in the Department of Horticulture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Lonius, John O., Mechanician in the Shop Laboratories, at a salary of ninety

Lahr, Lawrence, Stenographer in the Department of Horticulture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913) It he Shop Laboratories, at a salary of ninety dollars (\$90) a month, beginning as soon as he shall report for service, and continuing until further notice, vice Edward Berbaum. (October 1, 1913.)

McClanahan, Benjamin Vaughn, Student Assistant in Physiology in the College of Medicine, to give three hours' service per week throughout the year, at a salary of fifty dollars (\$50) for the year. (October 23, 1913.)

McGehee, Hester Elizabeth, Typist in the Catalog Department of the Library at a salary of forty dollars (\$40) a month, beginning October 1, 1913, and continuing until further notice, vice Lyda E. White. (October 17, 1913, and continuing until further notice, vice Lyda E. White. (October 17, 1913.)

Magruder, Ira W., Assistant Mechanician in the Department of Physics, at a salary of seventy dollars (\$70) a month, beginning October 27, 1913, and continuing until further notice, vice J. B. Hayes, promoted. (October 8, 1913.)

Merchant, Donna, Stenographer in the School of Education, at a salary of fitty dollars (\$50) a month, beginning November 1, 1913, and continuing until further notice. (November 3, 1913.)

Millar, Mary, Clerk in the Department of Agronomy, at a salary of seventy dollars (\$70) a month, beginning september 1, 1913, and continuing until further notice. (October 10, 1918.)

\*Mills, Guy G., Instructor in Civil Engineering, at a salary of ninety dollars (\$90) a month, beginning as soon as he shall report for service, and continuing until furnel, 1, 1914. (November 17, 1913.)

Moon, V. H., Instructor in Histology in the College of Dentistry, on part time, for the academic year 1913-14, at a salary of five hundred dollars (\$50) for the year. (November 19, 1913,) which a stipendium of fifty dollars (\$50) for the year. (October 27, 1913,) neelber 1, 1913, and continuing until further notice. (October 27, 1

30, 1913.)

Ousley, H. P., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Page, Leonora Smith, Stenographer in the Department of Horticulture, at a salary of fifty-five dollars (\$55) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

<sup>\*</sup> Appointment made by Vice-President Kinley.

Parcel, John Ira, Assistant Professor of Structural Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum. (October 14, 1913.)

\*Paulus, William H., Laboratory Helper in the Department of Railway Engineering, at a salary of fifty-five dollars (\$55) a month, beginning October 27, 1913, and continuing until further notice. (November 17, 1913.)

Perry, Leonora, Editorial Assistant in the Department of Animal Husbandry, for nine months beginning December 1, 1913, at a salary of one hundred dollars (\$100) a month. (November 20, 1913.)

Pillsbury, W. H., Instructor in Law, for the second semester of the academic year 1913-14, at a salary of one thousand dollars (\$1,000) for the semester. (October 13, 1913.)

Poll, Lillian, Bookkeeper in the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

\*Potter, Mable, Secretary in the Department of Dairy Husbandry, at a salary

further notice. (October 10, 1913.)

\*Potter, Mable, Secretary in the Department of Dairy Husbandry, at a salary of seventy-five dollars (\$75) a month, beginning as soon as she shall report for service, and continuing until further notice. (November 18, 1913.)

Prouty, E. C., Assistant in Military Science, for the academic year 1913-14, at a remuneration of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Pulling, Elizabeth, Stenographer in the Department of Animal Husbandry, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Putnam, Persis, Stenographer and Bookkeeper in the Library, at a salary of seventy-five dollars (\$75) a month, beginning October 6, 1913, or as soon thereafter as she shall report for service, and continuing until further notice. (October 7, 1913.) 7, 1913.)

Furnam, Fersis, Stehographer and Bookkeeper in the Library, at a salary of seventy-five dollars (\$75) a month, beginning October 6, 1913, or as soon thereafter as she shall report for service, and continuing until further notice. (October 7, 1918, etc.) cluber of the months beginning October 1, 1913, on half time from October to June, and on full time during the summer months, at a salary of forty-one dollars and sixty-six cents (\$41.66) a month. (October 11, 1913.)

Reid, Olive G., Stenographer in the Department of Agronomy, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Rein, Lillian E., Stenographer in the Office of the Dean of the College of Engineering, at a salary of fifty dollars (\$50) a month, beginning as soon as she reports for service, and continuing until further notice. (October 22, 1913.)

Reinch, Katharine Louise, Clerk in the Order Department of the Library, on half time, for ten months beginning November 1, 1913, at a salary of thirty dollars (\$30) a month; this appointment to supersede her previous appointment on full time. Stenographer in the General Office of the College of Medicine, to give six hours' service per week throughout the year, at a salary of one hundred dollars (\$100) for the year. (October 31, 1913.)

Rigsz, Bess, Stenographer in the General Office of the College of Agriculture, at a salary of thirty dollars (\$30) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Roushausen, Clara, Assistant in Bacteriology in the College of Medicine, for the academic year beginning October 1, 1913, at a salary of two hundred dollars (\$200) for the year. (October 30, 1913.)

Roushausen, Clara, Assistant in Bacteriology in the College of Medicine, for the academic year beginning October 1, 1913, at a salary of two hundred dollars (\$200) for the year. (October 30, 1913.)

Rowland, Sidney A., Assistant in Mathematics, for ten months beginning September 1, 1913, and cont

<sup>\*</sup> Appointment made by Vice-President Kinley.

year, to be paid in tuition upon the certificate of the librarian that he has given two hours a day to the Library throughout the year. (October 23, 1913.)

Tomlinson, Joseph S., Cashier in the College of Medicine, at a salary of one hundred twenty-five dollars (\$125) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Vauble, Daniel, Stenographer in the Department of Agronomy, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Watson, Ethel, Assistant in the Office of the Secretary of the College of Medicine, at a salary of forty-five dollars (\$45) a month, beginning December 1, 1913, for the month of December, or until further notice. (November 25, 1913.)

Weeter, Harry M., Assistant in Dairy Husbandry in the College of Agriculture and in the Agricultural Experiment Station, with a salary at the rate of one thousand dollars (\$1,000) per annum, beginning as soon as he reports for service, and continuing until August 31, 1914. (December 11, 1913.)

Wescott, C. H., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

at a salary of one five five months beginning reducity, whenty dollars (\$20) a month for the five months beginning reducity, the salary of seventy dollars (\$70) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

White, Loretta, Stenographer in the Department of Dairy Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Wilson, Wilbur M., Assistant Professor of Structural Engineering, for one year beginning September 1, 1913, at a salary of twenty-two hundred dollars (\$2,200) for the year. (October 14, 1913.)

Williams, Arthur E., Assistant in Ceramics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning as soon as he shall report for service, and continuing until June 30, 1914, vice Robert Back. (October 11, 1913.)

Young, Lewis E., Instructor in Mining Engineering, on part time, for ten months, beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month. (October 14, 1913.)

## REPORT OF SUMMER SESSION FEES.

The secretary presented the registrar's report of fees payable for the Summer Session of 1913. This report was received for record:

### REPORT OF FEES SUMMER SESSION, 1913.

Matriculation—	Gross. .\$ 140 00		Net total. \$ 140 00
348 @ \$12.00 38 @ 6.00			
Refund—	\$4,404 00		
18 @ \$12.00 8 @ 6.00 2 @ 3.00		\$216 00 48 00 6 00	
		\$270 00	4,134 00
Total general fees  Laboratory Fees—  Botany Chemistry Drawing, General Engineering Entomology Household Science Mechanics, Theoretical and Applied Physics Zoölogy	Gross.  \$ 46 50  862 00  9 00  38 00  32 00  64 50  58 50	Refund.  19 00  150 4 00 2 00 1 50	\$4,274 00 Net total. \$46 50 843 00 9 00 36 50 28 00 31 00 63 00 58 50
Total laboratory fees  Special Examination Fees— 22 @ \$5.00		\$ 28 00	\$1,115 50 110 00
Totals	\$5,797 50	\$298 00	\$5,499 50

# REPORT OF THE COMPTROLLER.

The secretary presented, also, the report of Prof. George E. Frazer, the Comptroller, for the quarter ended September 30, 1913. This report was received for record:

October 16, 1913.

October 16, 1918.

Honorable W. L. Abbott, President, Board of Trustees, University of Illinois.

Sir: I hand you herewith the quarterly report of the business office for the three months ending September 30, 1913. Included in this report are schedules of cash receipts and disbursements, of expenditures from State appropriations, and of charges against board allotments, together with funding balance sheets as at September 30, 1913.

Under separate cover, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted.

Respectfully submitted, GEO. E. FRAZER, Comptroller.

#### SCHEDULE 1.

## CASH SUMMARY, SEPTEMBER 30, 1913.

UNIVERSITY TREASURER.

a.	neral—				
Ge	neral— Balance July 1, 1913 Receipts, Schedule 2	*\$277,851 104,133	$^{19}_{78}$		
٠	Total	\$381,984 214,779	97 33		
U.	Balance September 30, 1913 S. Agricultural Experiment Station— Balance July 1, 1913 Receipts, Schedule 2	\$1,140	77	\$167,205	6/4
	Total Disbursements, Schedule 4	\$8,640 6,082	77 06		
	Balance September 30, 1913			2,558	<b>71</b>
Me	dicine— Balance July 1, 1913 Receipts, Schedule 2		04 96		
2	Total Disbursements, Schedule 4	\$6,408 1,459			
Ph	Balance September 30, 1913armacy— Balance July 1, 1913	\$ 2,166	87	4,949	47
	· Total	\$17,650 883	$\begin{array}{c} 26 \\ 12 \end{array}$		
	Balance September 30, 1913			16,767	14
$\mathbf{Ac}$	Total treasurer's balance September 30, 1913 retary, College of Medicine tuary, School of Pharmacy be Director, Agricultural Experiment Station		::	\$191,480 5,000 300 250 600	00 00 00
	Total cash balance September 30, 1913			\$197,630	96

#### SCHEDULE 2.

## CASH RECEIPTS FOR QUARTER ENDING SEPTEMBER 30, 1913.

	July.	August.	Septem- ber.	Total.
General— Accountancy Agricultural college, administration Agronomy Agronomy, experiment station. Alumni Record. Animal husbandry Animal husbandry, experiment station. Armory Auditing committee for students organization Blue printing department.	\$ 5 00 10 26 1,175 21 209 75 380 55 6,375 14	\$ 12 20 15 1,409 38 60 94 	\$ 13 55 52 65 1,092 26 42 00 120 76 125 93 126 10 1 75 25 35	\$ 13 55 17 20 63 00 3,676 83 312 65 501 31 6,501 07 234 93 1 75 368 44

<sup>\*</sup> Including Bursar's balance of \$2,128.77 transferred on August 1, 1913.

† Overdraft.

## SCHEDULE 2-Concluded.

~,·				
	July.	August.	Septem- ber.	Total.
General—Conclidded,				
Buildings		\$ 45 92	\$ 29 02	\$ 74 94
Business office		25	Φ 20 02	25
Cafeteria	\$ 991 98	340 78	379 73	1,712 69
Ceramics	3 00	1		3 00
Chemistry. Civil engineering department Dairy.	5 00	7 75	4 00	16 75
Civil engineering department	24 50	18 15	35 00	77 65
Dairy	5,071 38	5, 147 67	4,330 67	14,549 72
Dairy, experiment station	493 00	70 50 23 90	563 32	1, 126 82 80 00
Engineering experiment station Fees—		23 90	56 10	80 00
Dinloma.	10 00		5.00	15 00
Diploma General	243 00	148 00	5 00 53,565 50	53,956 50
Laboratory	68 50	22 00	1 14.809 50	14,900 00
Lockers, general	8 50	50	221 50	230 50
Laboratory Lockers, general Lockers, gymnasium			1,298 00	1,298 00
Horticulture. Horticulture, experiment station	220 81	74 60	180 52	475 93
Horticulture, experiment station	67 31	103 47	7 70	178 48
Hospital association			256 00	256 00
Hospital association Household science	5 00		22 25	27 25
			3 00	3 10
McKinley Juna, Interest	42 13	79 34	65 57	187 04
McKinley fund, interest  McKinley fund, principal  Orchestra concerts  Philology, Journal of  Press service  Registrar's office	65 00	35 00	40 00	140 00
Philology Joseph of			624 00	624 00
Proce corrigo			158 15	158 15
Rarietrar's office			53 00 8 25	53 00
Rent of house		140 00	0 20	8 25 140 00
Registrar's office. Rent of house. Science, college of. Shop laboratories. Snyder fund, interest. Snyder fund, principal. Steam Supervising architect's office. Theoretical and applied mechanics.		110 00	. 3 08	3 08
Shop laboratories		93 00	25 00	118 00
Snyder fund, interest	95 91	93 00 53 78	41 41	191 10
Snyder fund, principal	543 13	88 75	541 87	1,173 75
Steam		21 92	2 50	24 42
Supervising architect's office		2 60	22 93	25 53 443 70
Theoretical and applied mechanics	312 20	111 50	20 00	443 70
Towel fund			100 00	100 00
University Studies	4.43	77	8 01	13 21 56 00
Towel fund University Studies Water survey Zoölogy.		56 00		56 00
Z0010gy	1 11			1 11
Total	\$16,774 99	\$8,277 86	\$79,080 93	\$104,133 78
United States Agricultural Experiment Station—				
Adams fund	\$3,750 00			\$3,750 00
Hatch fund	3,750 00			3,750 00
Total	\$7,500 00			\$7,500 00
ne at to				
Medicine—				
Dentistry—			\$ 75 00	\$ 75 00
GeneralInterest.	1		13 50	13 50
Matricultiaon			95 00	95 00
Medicine—			00 00	00 00
Dispensary	\$ 58 55	\$ 65 75	47 45	171 75
DispensaryGeneral	836 05	233 00	4,070 00	5, 139 05
Interest on bonds	264 00	<b></b> .		264 00
Laboratories	247 40	127 05	834 45	1,208 90
Matriculation	45 00		310 00	355 00
Rehates		30 00		30 00
West side hospital, gasSummer session		9 76		9 76
Summer session			81 00	81 00
Total	\$1,451 00	\$465 56	\$5,526 40	\$7,442 96
Dia amaga arr				
Pharmacy—		Ø100 00		\$ 100 00
GeneralLaboratory deposit		\$100 00	\$ 2,460 95	2,470 95
Marticulation	\$ 10 00 145 00	190 00	510 00	845 00
Marticulation Tuition	132 44	140 00	11,795 00	12,067 44
Total	\$287 44	\$430.00	\$14,765 95	\$15,483 39
General	\$16,774 99	\$8,277 86	\$79,080 93	\$104, 133 78
United States Agricultural Experiment Station	7,500 00			7,500 00
Medicine	1,451 00	465 56	5,526 40	7,442 96
Pharmacy	287 44.	430 00	14,765 95	15,483 39
TO THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF TH	\$96 012 42	Φ0 170 40	ФОО 979 ec	\$194 F@O 19
Total	\$26,013 43	\$9,173 42	,\$99,373 28	\$134,560 13

## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-14, AS AT SEPTEMBER 30, 1913.

Appropriation,	Amount.	Disburse- ments Schedule 4.	Balance.
Operation, maintenance and equipment. Buildings, land and equipment Water survey and investigation. Mechanics and miners institutes. Total	650,000 00 21,500 00	\$357, 776 11 280, 880 68 3, 424 76 463 07 \$642, 544 62	\$1,242,223 89 369,119 32 18,075 24 14,536 93 \$1,643,955 38

## SCHEDULE 4.

RECONCILEMENT OF WARRANT REGISTERS WITH DISBURSEMENT LEDGERS AS AT SEPTEMBER 30, 1913.

SELIEMBER 60, 1016.			
WARRANT REGISTERS. University Treasurer—	Items.	Totals	١.
General U. S. Agricultural Experiment Station.  Medicine Pharmacy	\$214,779 33 6,082 06 1,459 45 883 12		96
State Auditor— Operation, maintenance and equipment Buildings, land and equipment Water Survey Mechanics' and miners' institutes			
	•	\$865,748	58
DISBURSEMENT LEDGERS. Disbursements from appropriations brought forward from	1019 19 00	Items	1.
per Schedule 41  Disbursements on account of 1913-14, as per Schedule 4:		\$143,763	$\begin{smallmatrix} 94\\ 64\end{smallmatrix}$
		\$865,748	58

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913 AS AT SEPTEMBER 30, 1913.

			Disbur	900			Er	cumbranc	es.	
	Balance July 1, 1913.	•	ment July 1 Septe ber 30, 1	s to m-	Cash balanc		Open market orders outstand- ing.	Con- tracts outstand- ing.	Total.	Free balance.
Current Appropria- tions—					,					-1
Literature and Arts, College of Science, College of. State Appropriations—	\$ 74 7		\$ 7	4 10 7 85		••	, 			
Agricultural college Animal husbandry	15, 278	43	15, 27	8 43						
building	70,941	39	46,88	<b>6 2</b> 8	\$24,055	11		\$24,055 11	\$24,055 11	
Astronomy Museum Psychology			40	8 82	84 321		285 00		37 92 285 00	
Armory	21,981		18,51	9 31	3,462			3,462 34	l	
Lincoln hall Natural history.	96 <b>6</b> 3	51	4	0 15 0 00	23		9 00		9 00	
Ceramics Clinic building Cold storage		00	85		5,000	00	[ <b></b> .		<b></b> .	5,000 00 9,000 00
Commerce building.	10,024						2,180 72		2,180 72	

## SCHEDULE 41-Concluded.

		Disburse-		En	cumbranc	es.	
	Balance July 1, 1913.	ments July 1 to Septem- ber 30, 1913.	Cash balance.	Open market orders outstand- ing.	Con- tracts outstand- ing,	Total.	Free balance.
State Appropriations—	<b>.</b>						
Crop experiments Drains, fences and	\$ 2,517 88	\$ 2,492 81	\$ 25 07	\$ 143 35		\$ 143 35	†\$ 118 28
repairs	2, 162 26	2,162 26		225 00		225 00	†225 00
Engineering build- ing and grounds	4,727 54	4 727 54	<b> </b>	22 00		22 00	†22 00
Engineering extension and maintenance—	1,121 01	1,121 01					122 00
College	4,269 19	4,269 19					
Experiment sta- tion	9 505 09	3,595 92					
Glass house	3,595 92 328 95	328 95					
Graduate school	12,709 51	12,709 51					
Household science Law building	2,363 94 3,588 24	1 91 2,406 85	2,362 03 1,181 39	136 00 616 55	\$278 00	136 00 894 55	2,226 03 286 84
Law school	3,052 43	2,148 22	904 21		Φ218 00	68	‡903 53
Library	1,842 56	1,608 89	233 67				‡233 <b>67</b>
Live stock speci- mens	807 48	598 21	209 27	15		15	209 12
Mines investigation	8 33	8 33		1			200 12
Mining engineering	3,097 77	2,442 09	655 68	766 61		766 61	†110 93
Operating expense Comptroller's				ļ į			
office	818 32	818 32					
Furniture and fixtures	2, 928 35	1.747 71	1 100 04	1.141 85		1 141 05	38 79
General	1,120 43	1, 120 43		1,141 00			58 19
Pavements and	٠, ١						100.00
walks Social and political	168 30	160 27	8 03	42 00	•••••	42 00	133 97
science	4,055 89	1,039 36	3,016 53	340 66		340 66	
Soil maps	29, 743 42	175 84	29,567 58	6,636 50		<b>6,636 5</b> 0	22,931 08
Telephone ex- ehange	292 47	292 47					
University hall	450 80	450 80					
Water investiga- tion	943 76	943 76					
Water survey	2,918 38	2.918 38					
Woman's building				100 10			4100 10
addition	7,332 40	7,332 40		136 49		136 49	†136 49
Totals	\$229,978 86	\$143,763 94	\$86,214 92	\$12,732 23	\$27,795 45	\$40,527 68	\$45,687 24

## SCHEDULE 42,

DISBURSEMENTS AND ENCUMBRANCES ON ACCOUNTS FOR 1913-1914, FOR QUARTER ENDING SEPTEMBER 30, 1913.

			1			
	Cash disburse- ments.	Transfer charges.	Open market orders outstand- ing.	Contracts outstand- ing.	Total.	Total charges.
Land and Land Improvements—  *Land *Boiler house drive *Campus lighting Pavements and walks	187 50		\$2,253 38		\$ 2,253 38 138 80	

<sup>\*</sup> See also schedule 5.

<sup>†</sup> Overdraft. ‡ Not including Library. Orders outstanding.

# SCHEDULE 42-Continued.

			E	neumbrance	es.	•
	Cash disburse- ments.	Transfer charges.	Open market orders outstand- ing.	Contracts outstand- ing.	Total.	Total charges.
Buildings-						
*Armory *Chemical labatory addi-				\$38,010 92	\$38,541 70	\$38,541 70
tion*Experimental feeding	\$ 355 15		68 35	i i	68 35	423 50
plant*Horticultural glass houses	77 50 12,087 55	\$222 00		800 00 5,423 55	1,015 30 6,301 13	1,314 80 18,388 68
*Gymnasium improvement	3,763 77		2,097 75	1,908 00	6,301 13 4,005 75	18,388 68 7,769 52
*Heating and lighting plant *Library stacks addition	727 68 127 65				2, 192 77	2,920 45 127 65
*Stock pavilion	30	286 00		25,377 44	25,377 44	25,663 74
*Woman's building addition *Mechanical engineering	953 95					953 95
*Mechanical engineering labatory						
Improvement			526 75		526 75	526 75
Physical Plant Equipment— *Tunnel extension	4,948 04		2,145 13	41,849 20	43,994 33	48,942 37
*Water station equipment	1 23		1,063 00		1,063 00	1,064 23
General Equipment— Furniture and fixtures	425 00		158 63		158 63	583 63
Library *Vahlen and Aaron library	1,592 11	65 00	1,607 43		1,607 43 3,500 00	3,264 54 19,015 45
"Lincoln Hall bookcases	2,454 20 1,294 85		3,500 00	7	3,300 00	2,454 20 1,294 85
*Temperature control *Woman's building equip-	1,294 85					1,294 85
ment	1,507 84	·	1,274 79		1,274 79	2,782 63
Working Assets— Stores, office supplies	5,178 72	9 96	1 877 07		1,877 07	7,065 75
Petty cash—					Ì	
Bursar Vice Director, experi-						5,000 00
mental fields	600 00	)				600 00
Actuary, School of Pharmacy	050 0	o				250 00
Administration— Board of Trustees President's office Vice President	2,170 20	5 50	7 00		7 00	2,182 70
President's office	5, 424 29	00 40	461 50	) 	461 50	F 040 40
	105 20 4,656 8	196 89	261 90		261 90 80 10 105 40	105 26 5,115 66
Business office	4,405 50	162 65	80 10		80 10	4,648 3 143 40
*Treasurer's office expense	150 0	)	105 40	1	105 40	143 40 150 00
Retiring allowance	500 0	)				500 00
General Departments— Library	9,683 3	21 84	1			9,705 2
Library	17 7 988 0	1	79 10		78 10	17 7 1,127 1
Dean of women	215 5	5	28 00		28 00	243 5
Physical training, men Physical training, women	215 5 1,586 6 877 4	3	1 00	)	1 00	1,587 60 937 9
WILLIARY	662 0	5 00	2 50		2 50	669 5
High school visitor	1,211 5 2 5	8 31 19	270 25		270 25	1,513 05 2 50
High school contest Hospital association	50 0	0				50 00
*Orchestra concerts Publications	454 2	. 14 90 6 17 90	15 00	4,600 00	4,615 00	4,629 90 514 10
Dlug printing		1 50	97 46	4,600 00	42 00 97 46	611 6
Physical Plant— Supervising architect's	! !		1			i i
Omce	4,210 1	35 50	261 15	s	261 15	4,572 4
Superintendent of buildings	807 5	3 8	75 00		75 00	886 3
Superintendent of	00.0		}	1		
grounds Heating and lighting	8, 184 8	. 20	3,555 1	35,000 00	38,555 11	2 0 46,739 9
Water station	10.77	6	1		l .	10 7
Fire protection	708 8	5	. 1,368 60 71 00	ó	71 00	2,077 4 869 7
Telephone exchange Fire protection Buildings Grounds	12,571 2	3	. 706 0	) 	71 00 706 02	13,277 2
Grounds	1,800 2	1	. 289 78	,	289 78	2,094 9

<sup>\*</sup> See also schedule 5.

# SCHEDULE 42-Continued.

			F	Encumbranc	es.	
	Cash disburse- ments.	Transfer charges.	Open market orders outstand- ing.	Contracts outstand- ing.	Total.	Total charges.
Liberal Arts and Sciences— Administration Scientific artist Art and design Astronomy Bacteriology Batteriology (Illinois	959 30 679 02 618 32		\$1,646 36 35 00 40 50		\$1,646 36 35 00 40 50	\$ 3,955 42 35 00 1,003 73 679 02 618 32
Canners' Association) Botany Ceramics Chemistry Classics Education English Entonomlogy Geology German History Mathematics Philosophy Physiology Political science	543 40 2, 182 24 3, 509 97 13, 529 47 3, 460 62 3, 660 44 9, 835 69 1, 554 96 2, 352 51 4, 246 29 4, 394 70 6, 049 45 1, 884 99 952 91 2, 616 63 1, 440 83 3, 524 70 1, 088 24	21 26 10 00 32 06 121 68 10 00 4 05 63 10 50 6 30 1 50 1 48	157 45 30 95 94 60 106 00		963 66 780 90 9, 176 06 	543 40 3, 167 16 4, 300 87 22, 737 59 3, 460 62 3, 939 57 9, 845 91 2, 451 16 4, 246 92 4, 511 20 6, 055 7 1, 542 03 2, 618 11 1, 446 83 3, 525 70 1, 098 24
Romance languages Sociology Zoology Museum of European cul- ture.	4,771 40	13 15	2,740 41		2,740 41	7,524 96 90
Agricultural College— Administration	2, 429 81 119 76 3, 404 97 12, 883 23 12, 987 98 9, 432 21 7, 480 84 19, 046 57 3, 924 20 1, 657 53 645 03	7 14 65 19 111 15 127 06 175 61 50 00 55 42 15 110 62	304 40 49 47 1,731 50 5,296 67 1,038 67 90 95 1,889 57 155 20 1,470 58	\$6,284 60	1 1.038 67	2,741 35 184 95 3,565 59 14,741 79 18,460 26 10,520 88 7,571 79 27,276 16 4,079 55 3,238 73 645 03
tion— Agronomy Animal husbandry Dairy Floriculture Horticulfure. Freiperstreet	25,318 43 5,245 39 6,269 72 1,613 25 4,002 90	5 08 13 78 21 25 1 32	3,433 57 2,758 45 2,158 98 302 33 1,109 12		3.433 57 2,758 45 2,158 98 302 33 1,109 12	28,757 08 8,035 62 8,449 95 1,915 58 5,113 34
Engineering— Administration	2,229 85 5,343 07 3,905 58 4,035 11	25 00 14 20 31 61	212 25 148 47 229 01 80 51		212 25 148 47 229 01 80 51	2,467 10 5,491 54 4,148 79 4,147 23
drawing Mechanical engineering Mechanical engineering.	1,422 84 7,646 37	10 00 10 00	153 49 598 44		153 49 598 44	• 1,586 33 8,254 81
Municipal and sanitary	2,224 26	77 77	135 30	ļ	135 30	2,437 33
engineering Theoretical and applied mechanics Mining engineering Physics Railway engineering Engineering Experiment Sta-	423 32 4,328 37 1,766 75 5,267 10 3,258 74	22 00 12 72 6 20 9 00	17 00 1, 226 50 86 05 813 49 14 63		17 00 1,226 50 86 05 813 49 14 63	5,576 87 1,865 52 6,086 79 3,282 37
tion— Administration Civil engineering Chemical engineering Electrical engineering Mechanical engineering Physics Railway engineering	1,335 49 300 00 344 43 689 23 243 45 663 14		l		201 00 216 00 60 107 00 146 59	1,549 16 216 00 300 60 452 20 825 98 243 45 972 84

# SCHEDULE 42-Concluded.

			. 1	Encumbran	ces.	
	Cash disburse- ments.	Transfer charges.	Open market orders outstand- ing.	Contracts outstand- ing.	Total.	Total charges.
Engineering Experiment Station—Concluded.						·
Theoretical and applied mechanics	\$ 1,523 78		\$ 67 00		\$ 67 00	\$ 1,590 78
Miscellaneous— Accountancy	7 35	\$ 3 92				11 27
Graduate school	4,094 53 4,553 29	22 77	742 15		742 15	4,859 45 4,553 29
Medicine	14,525 37		7,502 31		7,502 31	22,027 68
Dentistry Pharmacy	1,573 24 6,899 45		11,293 45 623 00	\$4,500 00	11,293 45 5,123 00	13,452 68 12,022 45
Law Library school	5,388 25 1,582 21	5 00 6 00	90 45		1	5,393 25 1,678 66
Music Rebates to studenls	2,495 48	4 00	38 00		90 45 38 00 13 <b>3</b> 00	2,537 48 1,165 75
Summer session	14,067 43	2 70	133 00		133 00	14, 203 13
Summer library school Water survey receipts	400 04	J <b></b>				387 73
McKinley loan fund Snyder loan fund	500 00 1,500 00					500 00 1,500 00
Snyder loan fund interest Woman's leagu1 loan fund Maintenance—	300 00 200 00					300 00 200 00
*Building changes *Building repairs	2,224 59 6,956 12		2,697 39 739 57	595 75	2,697.39 1,335 32	4,921 98 8,291 44
Water survey and investiga- tion	3,424 76		841 15		841 15	4,265 91
Mechanics' and miners' insti- tutes	463 07					463 07
United States Agricultural Experiment Station— Adams Fund—						
Administration Animal husbandry	258 40		212 50		212 50 1 70	
Horticulture Hatch Fund—	1,945 02		6 60		6 60	1,951 62
Administration Soil chemistry						1,422 50 133 33
Dairy Horticulture	980 75		88 75		88 75	1,069 50 4 00
					\$260,687 18	
Total	φ <i>1</i> 21,984 64	\$5,175 21	D90, 908 72	\$104,778 46	\$200,087 18	ф969,849 US

<sup>\*</sup> See also schedule 5.

# SCHEDULE 5.

# STATEMENT OF SUNDRY APPROPRIATIONS FOR 1913-1914 AS AT SEPTEMBER 30, 1913.

				<del></del>				
		Se-		E	ncumbran	ces.	es.	نه
Appropriation.	Amount.	Cash disburse ments.	Transfer charges.	Open market orders out- standing.	Contracts out- standing.	Total.	Total charges	Free balance
Land and Land Im-	Dollars and cents.	Dollars and cents.	Dol. and cts.	Dollars and cents.	Dollars and cents.	Dollars and cents.	Dollars and cents.	Dollars and cents.
provement— Land	283,673 60	283,673 60					283,673 60	
Boiler house drive Campus lighting. Buildings—	2,500 00	42 90 187 50		2,253 38		2, 253 38	42 90 2,440 88	
Armory				530 78	38,010 92	38,541 70	38,541 70	51,458 30
Chemical labor- atory addition		355 15		68 35		68 35	423 50	249,576 50

686

# SCHEDULE 5-Concluded.

		Cash disburse- ments.			cumbranc	es.	Total charges.	ø
		E E	, ró	Open market orders out- standing.	Contracts out- standing.		ยู่เล	Free balance.
Appropriation.	<u> </u>	is is	Transfer charges.	li set	li ct		ğ	alg
Appropriation.	Amount.	ssh dis ments.	ari	1 2 5 4 g	r.	.1.	1	Q é
	Ιğ	l ga	13 d	Sta Sta St	ste	Total.	) ts	ě
	₹	చ్	E	Ö	5	Ĭ	Ĕ	독
	<u> </u>							
			Dol.					
	Dollars	Dollars	and	Dollars	Dollars	Dollars	Dollars	Dollars
D 1111 C	and cents.	and cents.	cts.	and cents.	and cents.	and cents.	and cents.	and cents.
Buildings—Con- cluded.								
Experimental	ļ		l					
feeding plant	10.000 00	77 50	222 00	215 30	800 00	1.015 30	1,314 80	8,685 20
Heating and		l	l					
lighting plant	49,880 00	727 68		1,763 77	429 00	2, 192 77	2,920 45	46,959 55
Horticulture glass houses	18,000 00	12,087 55		877 58	5, 423 55	6.301 13	18,388 68	388 68*
Gymnasium im-	,	,		1				
provements	8,000 00	3,763 77		2,097 75	1,908 00	4,005 75	7,769 52	230 48
Library stacks	am moo oo	107 07	1				197 65	27.572 35
addition Mechanical engi-	27,700 00	127 65					127 65	21,512 55
neering labora-							ŀ	
tory improve-	1	ì		1	1			
ment	3,000 00	30		526 75		526 75		2,473 25
Stock pavilion Physical plant equip-	30,000 00	30	286 00		25,377 44	25,377 44	25,663 74	4,336 26
ment—		l	ļ		1		l	
Tunnel extension	50,000 00	4,948 04		2,145 13	41,849 20	43,994 33	48,942 37	1,057 63
Water station							4 004 00	04 00%
equipment General equipment—	1,000 00	1 23		1,063 00		1,063 00	1,064 23	64 23*
Vahlen and	1	ì	1		}		1	ì
Aaron library	20,500 00	15,515 45		3,500 00		3,500 00	19,015 45	1,484 55
Lincoln hall		ţ.	l .		1	l .		
bookcases	4,830 00	2,454 20					2,454 20	2,375 80
Temperature control	8,000 00	1 904 85	1				1.294 85	6,705 15
General expenses—	0,000 00	1,201 00					1,002 00	
Orchestra con-			l		1			
certs	5,000 00		14 90					
Woman's build- ing equipment.	7,860 00	1 507 84		1 974 70		1 274 79	2,782 63	5.077 37
Administration	1,800 00	1,507 64		1,211 10		1,211 10	150 00	
Treasurer's office								
expense	600 00	150 00		15 00	4,600 00	4,615 00	4,629 90	370 10
Maintenance— Building changes	5,010 00	2,224 59		2,697 39		2,697 39	4,921 98	88 02
Building repairs.	17.060 00	6.956 12		739 57	595 75			
Total	898,613 60	336,095 92	522 90	19,768 54	118,993 86	138, 762 40	475,381 22	423,232 38
	<u> </u>		<u> </u>		<u> </u>	<u> </u>	<del></del>	

<sup>\*</sup> Overdraft.

# SCHEDULE 6.

# CAPITAL FUNDING BALANCE SHEET, SEPTEMBER 30, 1913.

State appropriations	142,55198	Appropriations carried forward from 1912-13 Appropriation for 1913-14—	\$142,551	98
Deficit	88,078 00	LandBuildings	$\substack{283,673 \\ 450,000}$	60 00

\$876,225 58

\$876,225 58

# SCHEDULE 7.

## OPERATION AND MAINTENANCE FUNDING BALANCE SHEET.

United States grants\$ 112,400 State appropriations 1,600,000 State Appropriations—		Appropriations carried forward from 1912-13\$ 104,314 Appropriations to date for	59
Omnibus Bill 36,500	00	1913-14	83
Estimated receipts from department sales 120,315	00	balance sheet 83,673	
Estimated receipts from student fees 225,000		Funding surplus 656,481	10
Accounts receivable         11,814           Jash         131,060			
\$2,237,090	12	\$2,237,090	12

# MINUTES APPROVED.

The minutes of the meetings of August 26, 1913, September 9, 1913, and October 4, 1913, were approved.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# Meeting of January 21, 1914.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12:30 P.M., on Wednesday, January 21, 1914, pursuant to the following notice which was sent out by the secretary on January 3, 1914:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in the city of Chicago, on Wednesday, January 21, 1914, beginning at 12:30 P.M., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Superintendent Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Dr. Montgomery, Mr. Trevett. President James was present, and Prof. James M. White, Supervising Architect, was in attendance during a portion of the meeting.

#### MINUTES APPROVED.

The secretary presented the minutes of the quarterly meeting of December 9, 1913, and the special meeting of December 13, 1913.

After discussion, these minutes were approved in amended form as printed above, pages — -687.

## USE OF STENOGRAPHER AT BOARD MEETINGS TO BE DISCONTINUED.

On motion of Mr. Hoit, it was voted that the use of a stenographer at meetings of the Board of Trustees be discontinued after the present meeting.

## MR. H. E. CUNNINGHAM ELECTED SECRETARY.

Mr. Hoit presented the recommendation of the special committee appointed under an action of the board taken on October 4, 1913 (page -), to nominate a successor to Mr. C. M. McConn as Secretary of the Board of Trustees, namely, that Mr. McConn's resignation be accepted to take effect at the close of the present meeting, and that Mr. Harrison E. Cunningham, Assistant Registrar, be elected Secretary of the Board of Trustees.

On motion of Mrs. Henrotin, the foregoing recommendation of the special committee was approved, i. e., Mr. McConn's resignation was accepted, and Mr. Cunningham was elected secretary.

# BUDGET, 1913-1914.

President James presented the budget of the University for the fiscal year beginning July 1, 1913, and ending June 30, 1914, with the following prefatory statement:

It has been impossible to make up a final budget for the year 1913-14 until it should be quite clear what the outcome was to be of the demand made by the State Auditor upon the Board of Trustees that they should turn over to the State Treasurer the income of the University from tuition fees and other sources. It seems now that this matter has been settled for the present year at any rate, by leaving in the hands of the University treasurer the receipts of the University from all other sources than State appropriations.

Attention is called to the fact that, aside from current repairs, all expenses for buildings, reconstructions, alterations, etc., including heating and lighting

equipment, in the agricultural buildings, or expenses incurred in altering other buildings for the use of the College of Agriculture, will be charged to agricultural

The form of the budget with reference to the agricultural funds follows the form already approved by the board and included in its main outlines in the bill laid before the last General Assembly.

It will be seen that the grand total of expense authorized for the year amounts to \$3,211,767.54. Of this amount, \$246,866.57 is on account of appropriations dating from the previous biennium; and \$100,500 is offset by estimated income from operation in the College of Agriculture and the Agricultural Experiment Station. This last item represents, of course, the "turnover" in the conduct of experimental departments which have a business side; such, for example, as the income from the dairy route, which is the sum total of money paid in to the Dairy Department from the sales of milk, cheese, butter, etc., used in the ordinary conduct of the teaching and scientific work of the department.

To balance the total expenditures authorized for the year there will be a total income, including the balance from last year, of \$3,029,657.10.

The difference, amounting to \$182,110.44, represents approximately one-half of the expenditure for the purchase of land for the biennium; the balance being charged, as it should be, against the second year of the biennium.

#### BUDGET.

I. Federal Sources—	A. INCOME.			
1. Endowment fun 2. Morrill fund	d	25,000,00		
Total feder. II. State Appropriations from 6. Operation, main 7. Land, buildings III. State Appropriations from 8. Water Survey 9. Miners' and Mo	al sources m the Mill Tax Fund— ttenance and equipment and equipment m the General Fund— echanics' Institutes	\$1,600,000 00 650,000 00 21,500 00 15,000 00		
Total State IV. Departmental Sales— 10 Agriculture	appropriations.	\$100 500 00	,286,500	00
V. Student Fees—  15. Urbana departn 16. Medicine 17. Dentistry 18. Pharmacy	tmental salesnents	\$142,000 00 62,000 00 12,500 00 17,500 00	111,330	00
VI. Accounts Receivable— 19. Miscellaneous VII. Balance July 1, 1913— 20. Buildings	t fees	\$142.551 98	234,000 11,814	
	ce		,	
Grand	total	\$3	,029,657	10
1	B. EXPENDITURE.	j .* 1		
ADMIN	ISTRATIVE DEPARTMEN	TS.		
Office of the President.  1. Salaries	••••••	\$19,650 00 3,500 00		
Total, President's	Office		\$23,150	00
Office of the Vice-President. 1. Salary of the vice-president.	sident (as vice-president*)		1,000	00

<sup>\*</sup> Total salary of the Vice-President \$7,000, the remaining \$6,000 being appropriated under "Graduate School," as the salary of the Dean of that School.

Office of the Building			
Office of the Registrar.  1. Salaries	\$12,123 24		
2. Expense— Postage \$ 750 00			
Postage \$ 750 00 Printing 1,200 00 Printographing 100 00			
Office supplies			
Telegraph and telephone         25 00           Express and freight         45 00	A .		
Labor       1,400 00         Weekly Calendar       175 00	•		
Total, expense	4,395 00		
Total Registrar's Office	<del></del>	\$16,518	9.4
	• • • • • • • • • • •	φ10,910	44
Office of the Comptroller.  1. Salaries	\$17,526 45		
2. Expense—	<del>, , </del>		
Furniture \$ 600 00 Extra assistance in audit 1,350 00			
Extra assistance in addit 1,350 00 Postage 600 00 Printing 1,400 00			
Supplies         400 00           Telegraph and telephone         20 00			
Printing			
	4 000 00		
Total Gamatallada Office	4,900 00	00 400	4.5
Total, Comptroller's Office		22,426	45
Office of the Dean of Men. 1. Salaries (not counting salary of the Dean, \$6,000*)	\$3,280 00		
2. Expense— Incidental expenses\$4,200 00			
Facts for Freshmen			
Total, expense	4,850 00		
Total, Dean of Men		8,130	00
Office of the Dean of Women.		•	
1. Salaries	\$1,200 00		
1. Salaries 2. Expense Total Dean of Women	500 00	4 500	
20001, Double of Women	• • • • • • • • •	1,700	00
Office of the High School Visitor.  1. Salaries	\$4,150 00		
z. Expense—	Ψ1,150 00		
a. Traveling and office expense \$1,900 00 b. High School Conference 1,500 00			
Total, expense	3,400 00		
Total, High School Visitor		7,550	00
Total, administrative departments	·	\$80,474	69
COLLEGE OF LIBERAL ARTS AND SC	IENCES.		
1. Salaries—			
(1) Dean's office       \$ 8,690 00         (2) Art and design       6,750 00         (3) Astronomy       5,200 00			
(5) Botany 14,800 00 (6) Ceramics 7,487 50 (7) Chemistry 52,920 00 (8) Classics 15,000 00 (9) Education 17,550 00 (10) English 58,487 03		•	
(7) Chemistry 52,920 00	•	•	
(8) Classics			
(9) Education 17,550 00 (10) English 58,487 03 (11) Entomology 8,300 00 (12) Geology 11,600 00	`		
(12) Geology			
(14) History			
(12) Geology       11,600 00         (13) Germanic languages       23,050 00         (14) History       21,750 00         (15) Mathematics       32,750 00         (16) Philosophy       9,100 00	•		

<sup>\*</sup>The Dean of Men being also Professor of Rhetoric, his salary is included under the department of English.

# COLLEGE OF LIBERAL ARTS AND SCIENCES—CONCLUDED.

1.	Salaries—Concluded.       \$4,100 00         (17) Physiology       \$4,100 00         (18) Political science       10,850 00         (19) Psychology       7,250 00         (20) Romance languages       18,143 33         (21) Sociology       5,000 00         (22) Zoölogy       22,250 00	0 0 0 0 0
_	_ Total, salaries	. \$365,927 86
2.	Expense—         \$ 1,500 0           (1) Dean's 'office         \$ 1,500 0           (2) Art and design         800 00           (3) Astronomy         1,500 0           (4) Bacteriology         2,100 0           (5) Botany         5,700 0           (6) Ceramics         8,096 0           (7) Chemistry         28,000 0           (8) Classics         300 0           (9) Education         2,650 0           (10) English         2,000 0           (11) Entomology         1,500 0           (12) Geology         1,800 0           (13) Germanics languages         400 0           (14) History         300 0           (15) Mathematics         700 0           (16) Philosophy         200 0           (17) Physiology         1,550 0           (18) Political science         200 0           (19) Psychology         1,500 0           (20) Sociology         300 0	
	(21) Zoölogy 6,875 00	
	Total, expense	- . 67,971 00
	Total, College of Liberal Arts and including commerce)	Sciences (not
	including commerce)	Ψ100,000 00
	COURSES IN COMMERCE.	
1	Soloriae	. \$24,100 00
2.	Supplementary salaries—         \$250 00           a. Lecturer in law         \$900 00           b. Stenographer         900 00           c. Reading-room attendant         350 00	. 421,100 00
	a. Lecturer in law \$250 00	)
	c. Reading-room attendant	Š
		<del>-</del>
9	Total, supplementary salaries	. 1,500 00
٥.	Expense— a. Special lectures	)
	b. Binding and periodical expense 1,200 00	)
	c. Printing	) }
	f. Library, apparatus, maps, equipment 5,000 00 g. Reserve 2,800 00	)
		, ·
	Total, expense	. 11,900 00
	Motel Courses in Commones	*27 EAA AA
	Total, Courses in Commerce	\$37,500 00
	COLLEGE OF ENGINEERING AND ENGINEER	NNO EXPEDIMENT
	COLLEGE OF ENGINEERING AND ENGINEER STATION.	RING EXPERIMENT
1.	Salaries—	•
	a. College\$194,242 00	
	b. Station 19,900 00	) _
	Total, salaries	. \$214,142 00
2.	Expense— a. College—	
	(1) General office \$ 4,500 00	)
	(2) Architecture 3,500 00	)
	(3) Civil engineering 1,500 00 (4) Electrical engineering 5,500 00	
	(5) Engineering drawing $\dots$ 1,000 00	0
	(6) Mechanical engineering 12,500 00 (7) Mining engineering 6,000 00	
	(9) Railway engineering 4,000 00	
	(10) Theoretical and applied me- chanics 5,500 00	0
	(11) Shops 3,500 00	ō
		_
	Total, expense, college	. 53,500 00

# COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION—CONCLUDED.

2.	Expenses—Concluded.		
	b. Station— (1) General office, including fel-		
	lowships		
	(2) Chemistry 800 00 (3) Civil engineering 500 00 (4) Electrical engineering 1,000 00 (5) Mechanical engineering 1,000 00		
	(5) Mechanical engineering 1,000 00 (6) Railway engineering 3,500 00		
	(7) Theoretical and applied mechanics		
	Total, expense, Station \$20,000 00		
	Total, College of Engineering and Engineering Experiment Station	\$287,742	00
	COLLEGE OF AGRICULTURE		
1.	Administration and general,		
	(a) College Funds— (1) Salaries— (2,000,00		
	Dean and Director*. \$4,000 00 Secretary to Dean 900 00		
	Edi. of press bulletins 2,300 00		
	General 6,840 00 Press service 1,200 00	÷	
	Total from College funds \$15,240 00		
	(b) Hatch Fund— (1) Salaries—		
	Director* 2,000 00 Assistant Secretary,	•	
	Agricultural Exper-		
	iment Station 1,200 00 (2) Maintenance—		
	General 1,300 00 Botany investigation	,	
	(Burrill) 3,500 00		
	(c) Adams Fund: Statistics of Heredity— (1) Salaries— (3) Salaries— (4) Salaries— (5) Salaries— (6) Salaries— (7) Salaries— (8) Salaries— (8) Salaries— (9) Salaries— (10) Salaries— (11) Salaries— (12) Salaries— (13) Salaries— (14) Salaries— (15) Salaries— (16) Salaries— (17) Salaries— (18)		
	Statistician \$1,200 00		
	Assistants 300 00 (2) Maintenance 500 00		
	Total from Adams fund 2,000 00		
	Total, administration and general	25,240	00
2.	Agricultural extension.	,	
	College funds	20,000	00
3.			
	(a) College Funds— Salaries and Maintenance—		
	General		
	Total from College funds \$ 50,800 00		
	(b) Station Funds— Crop investigations \$18,500 00		
	Soil investigations 96,000 00		
	Total from Station funds 114,500 00 (c) Hatch Fund—		
	Salaries and maintenance 2,500 00		
	Total agronomy	167,800	00
4.	. Animal husbandry.		
	(a) College Funds— Salaries and maintenance		
	(general)\$55,200 00 Animal pathology 6,000 00		
	Total from College fund \$61,200 00		
_	* Total salary of Dean and Director, \$6,000.		
	• • • • • • • • • • • • • • • • • • • •		

# COLLEGE OF AGRICULTURE—CONCLUDED.

	COLLEGE OF AGRICULTURE—CONCLUDED.		
4.	Animal husbandry—Concluded. (b) State Station Funds—		
	Live stock investigations \$31,000 00 (c) Adams Fund—		
	Nutrition and breeding 8,500 00 (d) Equipment Fund—		
i.	Beef cattle 2 000 00		
	Horses 2,500 00 Sheep 1,000 00 Swine 1,000 00		
	Total from equipment fund 6,500 00		
_	Total, animal husbandry	107,200	00
5.	Dairy husbandry.  (a) College Funds—		
	Salaries and maintenance (general) \$31,100 00 (b) State Station Fund—	•	
	Dairy investigations		
	Salaries and maintenance		
	Dairy cattle		
6.	Total, dairy husbandry	58,850	00
0.	Horticulture. (a) College Funds—		
	Salaries and maintenance (general) \$56,600 00 (b) State Station Fund—		
	Horticultural investigations \$21,000 00 Floricultural investigations 8,000 00		
	Total from Station funds 29,000 00		
	(c) Adams Fund— Plant breeding		
	Total, horticulture	90,100	00
7.	Household science.		
	(a) College Funds— Salaries and maintenance \$25,000 00		
	Special appropriation 1,000 00		
	Total, household science	26,000	00
8	Veterinary science. (a) College Funds—		•
	Salaries and maintenance	2,800	00
9.	Buildings.	ÓF 550	
	Buildings	95,750	00
10.	Departmental sales, additional expense from income of. General	•	
	Agronomy 12.000 00		
	Dairy husbandry 58,000 00		
	Horticulture         2,000 00           Household science         10,000 00		
	Total, expense from income of sales	100,500	00
	Total, College of Agriculture and Agricultural Experiment Station	\$694,240	00
	mont booton	ψυσ,μπυ	00
	Recapitulation by Departments—College of Agriculture.		
	Administration and general         \$ 25,240 00           Agricultural extension         20,000 00		
3.	Agronomy 167,800 00		
5.	Animal husbandry       107,200 00         Dairy husbandry       58,850 00         Horticulture       90,100 00		
7.	Household science 26,000 00		
9.	Veterinary science         2,800 00           Buildings         95,750 00           Departmental sales, expense from income of         100,500 00		
10.	Departmental sales, expense from income of 100,500 00  Total	\$604:940	0.0
	Total	\$694,240	vv

COLLEGE OF LAW.		
1. Salaries	\$22,832 69	
a. Purchase of law books		•
Total, expense	8,300 00	
Total, College of Law		\$31,132 <b>69</b>
MEDICINE AND DENTISTRY.		
1. Salaries— (a) General\$11,000 00		
(b) Medicine 37,000 00 (c) Dentistry 11,000 00		
Total, salaries  2. Repairs, reconstructions, alterations, etc  3. Equipment, furniture, apparatus, etc (a) General	\$59,000 00 30,000 00	
Medical	5,000 00 7,000 00 50,000 00 9,000 00 8,000 00 13,708 07	
Dental	50,000 00	
5. Laboratory stores	8,000 00	
6. Interest on mortgages and bonds	13,708 07	
4. Heat and light 5. Laboratory stores 6. Interest on mortgages and bonds. 7. Payment on principal 8. Incidentals and expenses	8,000 00	,
Total, Medicine and Dentistry	• • • • • • • • • • • • • • • • • • • •	\$199,708 <b>07</b>
GRADUATE SCHOOL.		
1. Scholarships and fellowships. 2. Current research 3. Special library equipment for current research. 4. Crockerland Expedition 5. University Studies 6. Journal of English and Germanic Philology. 7. Illinois Survey 8. Incidentals 9. Additional clerical help	\$20,000 00 5,000 00 3,500 00 5,000 00 750 00 4,000 00 1,000 00 400 00	
10. Salaries—  (a) Dean*		
Total, salaries	7,600 00	
Total, Graduate School		\$49,750 <b>00</b>
SCHOOL OF MUSIC.	•	
1. Salaries 2. Incidental fund 3. Part-time stenographer	\$18,100 00 1,500 00 360 00	
Total, School of Music		\$19,960 00
UNIVERSITY LIBRARY AND LIBRARY	SCHOOL.	
1. University Library—  a. Salaries and wages		
cidentals       \$2,400       00         Printing catalog cards       1,400       00         Publications       250       00         Moving books       350       00         Cataloging Vahlen and Aron libraries       3,000       00         Cataloging Grober Library       225       00         Furniture and equipment       1,200       00		
Total, expense		
Total, University Library	\$64,222 06	

<sup>\*</sup> See footnote page 576.

UNIVERSITY LIBRARY AND LIBRARY SCHOOL	L—CONCLUI	DED.
2. Library School—		
Incidentals and supplies, including summer session 1,080 00		
Total, Library School	$\begin{array}{ccc} \$7,755 & 00 \\ 75,000 & 00 \end{array}$	
Total, Library and Library School		\$146,977 00
SCHOOL OF PHARMACY.		
1. Salaries	\$11,100 00	
a. Apparatus \$1,100 00 b. Laboratory supplies 1,200 00 c. Library 300 00 d. Advertising 1,000 00 e. Printing and postage 300 00 f. Repairs 200 00 g. Rent 6,000 00 h. Light 425 00	·	·
i. Water       15 00         j. Telephone       70 00         k. Laboratory refunds       260 00         l. Special assessments       100 00         m. Furniture and fixtures       200 00         n. Refund of tuition       275 00         o. Incidentals       600 00         p. Extra help       25 00		÷.
Total, expense   Supplementary appropriation, December, 1913—  a. Apparatus   \$100 00 to Laboratory supplies   400 00 to Printing and postage   100 00 to Repairs   100 00 to Laboratory refunds   100 00 to F. Furniture and fixtures   100 00 to Laboratory refunds   100 00 to F. Furniture and fixtures   100 00 to Laboratory refunds   100 00	12,070 00	
Total, special appropriation		
Total, School of Pharmacy	• • • • • • • • • • • • • • • • • • • •	\$24,670 00
DEPARTMENT OF PHYSICAL TRAINING	FOR MEN.	
1. Salaries	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Total, Physical Training for Men		\$12,870 00
DEPARTMENT OF PHYSICAL TRAINING F	OR WOME	N.
1. Salaries 2. Expense	\$5,250 00 600 00	
Total, Physical Training for Women		\$5,850 00
MILITARY DEPARTMENT.		
1. Salaries	\$2,000 00 1,000 00	
Total, Military Department		\$3,000 00
WATER SURVEY.		
1. Salaries	\$22,403 08	,
Traveling expenses of Director, etc \$4,000 00 Telegraphing, telephoning, expressage, postage, etc		
Total, expense	8,500 00 2,518 25	
Total, Water Survey	•••••	\$33,421 33

## MINERS' AND MECHANICS' INSTITUTES.

1.					
2.	Salaries Expense	\$ 5,000 10,000	00		
	Total, Miners' and Mechanics' Institutes			\$15,000	00
	MISCELLANEOUS.				
				,	
3. 4. 5	Experiment in acoustics Saltpetre investigation Board of Trustees Directory of matriculants Printing and mailing catalogs, circulars, letters, etc. Summer Session Lectures High School Oratorical Contest Public School Drawing Exhibit Alumni Quarterly Band and military scholarships University fellowships News bulletin Incidentals and emergency fund. Cabinets and collections. Organ Photography— a. Salaries \$3,000 00	\$ 500 4,000 5,000 2,000 12,000 5,000 400 50 1,000 2,000 2,400 20,000	00 00 00 00 00 00 00 00 00 00 00 00		
15.	Cabinets and collections	15.000	00		
16. 17.	Photography—	15,000	00		
	a. Salaries \$3,000 00 b. Expense 2,500 00		•		
٧.	Total, photography	5,500 5,000	00		
18. 19.	Concerts Convocations, commencement exercises, etc. Retiring allowance Y. M. C. A. handbook Freshmen advisers Research work for Canners' Association.	1,000	00	•	
20.	Retiring allowance	500	00		
21. 22.	Freshmen advisers	$\substack{250 \\ 1,800}$	00		
23.	Research work for Canners' Association	1,500	00		
	Total, miscellaneous		<u> </u>	115,900	00
	•				
	OFFICE OF THE SUPERVISING ARCHITECT AN PHYSICAL PLANT.	D OPER	ATIO	N OF	
	PHYSICAL PLANT.  Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.	D OPER.		N OF	
	PHYSICAL PLANT.  Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.			N OF	
2.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of—  a. Tunnel extension . \$52,000 00 b. Heating and lighting plant . 15,000 00 c. Electric conduit . 2,500 00 d. Fire protection . 2,100 00 e. Water station . 2,400 00 f. Telephone exchange . 2,700 00			N OF	
2.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of—  a. Tunnel extension		00	N OF	
2.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of—  a. Tunnel extension	\$134,300	00	N OF	
3.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of—  a. Tunnel extension	\$134,300	00	N OF	
3.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.   Service Plant, Extension of—   a. Tunnel extension   \$52,000 00     b. Heating and lighting plant   15,000 00     c. Electric conduit   2,500 00     d. Fire protection   2,100 00     e. Water station   2,400 00     f. Telephone exchange   2,700 00     Total, service plant extension   Crounds, Improvement of—   a. Campus lighting   \$6,000 00     b. Pavements and walks   3,000 00     Total, grounds improvement	\$134,300 76,700	00	N OF	
3. 4.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.   Service Plant, Extension of—   a. Tunnel extension of—  a. Tunnel extension   \$52,000 00     b. Heating and lighting plant   15,000 00     c. Electric conduit   2,500 00     d. Fire protection   2,100 00     e. Water station   2,400 00     f. Telephone exchange   2,700 00     Total, service plant extension   Commonstant of the protection   3,000 00     a. Campus lighting   \$6,000 00     b. Pavements and walks   3,000 00     Total, grounds improvement   \$9,000 00     Eurniture and Fixtures—  a. Woman's Building equipment   \$9,000 00     b. Lincoln Hall bookcases   5,050 00     c. General   4,000 00     Total, furniture and fixtures   Eurliding Extension—	\$134,300 76,700	00	N OF	
3. 4.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of— a. Tunnel extension	\$134,300 76,700 9,000	00	N OF	
3. 4.	Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.  Service Plant, Extension of— a. Tunnel extension	\$134,300 76,700 9,000	000	N OF	

#### LAND

1. Disbursements       \$341,15         2. Obligations authorized       33,00	33 0 00	:	
Total, land		\$374,156	33
EXPENDITURES ON ACCOUNT OF BALANCE AT END	OF	1912-13.	
1. Buildings       \$142,55         2. Operations       104,31	1 98 4 59		
Total, expenditures on account of balance		\$246,866	57
Grand total expense hudget		\$3 211 767	54

## SCHOOL OF EDUCATION BUILDING: PLANS APPROVED.

Prof. J. M. White, the Supervising Architect, presented the plans for a building for the School of Education, to be erected on the property recently purchased east of Trinity Church, at an estimated cost of one hundred twenty thousand dollars (\$120,000); with the statement that these plans were approved by Dr. W. C. Bagley, Director of the School of Education, and by his colleagues in the Department of Education.

On the recommendation of President James and on motion of Mr. Meeker, it was voted to refer these plans to the Committee on Buildings and Grounds and the Superintendent of Public Instruction, with power to act, and with authority to transmit the plans when approved to the State Architect with the request that he present for the consideration of the board at as early a date as possible the working plans and specifications necessary for the letting of the contract. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Moore, Miss Watson.

#### ADDITION TO THE COMMERCE BUILDING: PLANS APPROVED.

Professor White presented also plans for the addition to the Commerce Building, to be erected on Wright Street, in a location parallel to that of the present Commerce Building, at an estimated cost of one hundred twenty thousand dollars (\$120,000), and to be used in the beginning as an administration building.

On the recommendation of President James and on motion of Dr. Montgomery, it was voted that these plans be approved, and that the Supervising Architect be directed to transmit them to the State Architect with the request that he present for the consideration of the board, at as early a date as possible, the working plans and specifications necessary for the letting of the contract. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meker, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Moore, Miss Watson.

# CERAMICS AND ENGINEERING BUILDING: REPORT OF PROGRESS.

Professor White made a report of progress on the plans for a building to be erected as a part of the new engineering group to house the Department of Ceramics and also for the present certain departments of the College of Engineering, with the expectation that these engineering departments will be moved into buildings of their own as the Department of Ceramics grows and needs the remainder of the building.

# WOMEN'S RESIDENCE HALL: SITE DISCUSSED.

President James called attention to the fact that the board had as yet taken no action on the recommendation which the Finance Committee presented at the meeting of October 4, 1913, that lots 23, 24 and 25 on the south

side of Nevada Street in Urbana be purchased as a site for the proposed Women's Residence Hall.

After discussion, it was voted, on motion of Dr. Montgomery, that the Finance Committee be requested to consider other possible sites and to present a further recommendation at the next meeting of the board.

## SITE FOR NEW LIBRARY BUILDING: REPORT OF PROGRESS.

President James called attention also to the fact that the board had not as yet decided upon a location for the proposed new Library Building.

Mrs. Busey, as Chairman of the Committee on Library, to which this matter has been referred, made an informal report of progress in regard to it. No action was taken.

At this point Mr. Meeker and Dr. Montgomery withdrew.

# SCHOOL OF PHARMACY LEASE RENEWED.

President James called attention to the need for immediate action upon the request from Prof. W. B. Day, Acting Dean of the School of Pharmacy, that the comptroller be authorized to renew the present lease for the quarters occupied by the School of Pharmacy on the same terms for one year from May 1, 1914, and to secure, if possible, an option for a further renewal of this lease for one year from May 1, 1915; this request having been presented at the meeting of December 13, 1913, and having been referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

On the recommendation of President James and on motion of Superintendent Blair, it was voted to approve this request, i. e., to authorize the comptroller to renew the lease as specified above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

### CONTRACT FOR COMPLETION OF ENDS OF NEW ARMORY.

Professor White presented the bids received on the completion of the ends of the new Armory, and a recommendation in regard to the award of the contract as follows:

#### BIDS.

## Options.

A. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by June 1, 1914. Contract to include a bonus and forfeiture clause in the sum of fifty dollars (\$50) per day from June 1, 1914.
B. Add to "A" for use of cement gun on all plastering.
C. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by July 1, 1914. Contract to include a bonus and forfeiture clause in the sum of fifty dollars (\$50) per day from July 1, 1914.
D. Add to "C" for use of cement gun on all plastering.
E. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by September 1, 1914. Contract to contain no bonus or forfeiture clause.
F. Add to "E" for use of cement gun on all plastering.
G. Deduct for omission of concrete floor and drain lines therefor.
Option. English Bros. Freeman & Brooks Shields A. Completion of the entire work covered under the general contract in accordance

Option.	English		Freeman &		Shield		Stoolman.
- A	\$43,960	00	\$55,694	00	\$40,548	00	<b></b>
$_{\mathbf{B}}^{\mathbf{A}}$	1,800	00			1,532		
C	42,400	00	54,201	00	38,550	00	
D	1,800	00			1,532	00	
$\overline{\mathbf{E}}$	42,400	0.0	52,707	00	37.844	00	\$39,369 00
न	1,800	0.0			1,532	0.0	
G	5,400	00	7,583	00	6,335	0.0	6,600 00

English Brothers add: "If tile is used for overhanging according to Sheldon Brick Company's drawings on file in architect's office, add \$2,500." Shields adds: "H. Design as per Mr. Huckins, add \$720."

## THE SUPERVISING ARCHITECT'S RECOMMENDATION.

January 21, 1914.

President E. J. James, University of Illinois.

President E. J. James, University of Illinois.

DEAR SIR: Bids were received January 10, 1914, for the completion of the permanent ends of the Armory in accordance with the design prepared by Mr. W. C. Zimmerman, former State Architect. The design was approved by the Board of Trustees of the University before Mr. Zimmerman retired from office.

The bids received were opened in the presence of the bidders, and the bids and certified checks are in the hands of the secretary of the board.

I recommend that the contract be awarded to Mr. N. H. Shields, who is the low bidder, on the basis of completion September 1, and on the basis of bid Elminus G and plus H, making the contract price \$32,29, and that the option be reserved of accepting bids F and G if the trustees shall at a later date so direct.

With these added, the contract would be \$40,096.

Yours truly,

Yours truly,

JAMES M. WHITE,
Supervising Architect.
EXPLANATION.—On the basis of the contract recommended Mr. Shields is \$540 lower than the next low man, though if compared on the same basis he is \$1,260 low. For completion July 1, add \$706. For completion June 1, add \$2,704. If bid F is accepted, Mr. Shields' bid will be at least \$1,525 low, as he is \$265 low J. M. W.

On the recommendation of President James and on motion of Mr. Hoit, it was voted to approve the recommendation of the supervising architect as stated above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

#### SMALL OBSERVATORY: PLANS APPROVED.

Professor White submitted plans for a small observatory to house the reflecting telescope which was purchased last year, to be erected at an estimated cost of two thousand dollars (\$2,000).

On the recommendation of President James and on motion of Mrs. Evans, it was voted that the sum of two thousand dollars (\$2,000) be appropriated for the erection of this building, that the plans submitted by the Supervising Architect be approved, and that he be authorized to proceed with its erection. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

## STATEMENT OF ENDOWMENT FUND.

President James presented a report from Prof. George E. Frazer, Comptroller, on the subject of the Endowment Fund of the University.

This report was ordered printed in the minutes:

January 15, 1914.

President Edmund J. James, University of Illinois.

President Edmund J. James, University of Illinois.

DEAR SIR: On November 5, 1913, I addressed a letter to the State Auditor of Public Accounts, asking him for a statement of the endowment fund of the University of Illinois. In reply to my letter, the State Auditor furnished such a statement under date of November 11, 1913. This statement of the State Auditor was carefully checked by Mr. Lynn E. Knorr, Assistant Comptroller, both in the business office of the University and in the office of the State Auditor. Mr. Knorr discovered that a remittance of sixty dollars made by the business office of the University on January 2, 1913, had not been credited by the State Auditor on his books. I accordingly addressed a letter on January 13, 1914, to the State Auditor, calling his attention to the discrepancy. The State Auditor replied under date of January 14, acknowledging the error and confirming the accuracy of the statement made by the business office. I enclose copies of all of this correspondence herewith, inasmuch as it gives an accurate statement of the endowment fund of the University.

You will note from the correspondence that my office and the office of the State Auditor are closely cooperating in the statement of public accounts affecting the University.

Very truly yours,
GEORGE E. FRAZER, Comptroller.

Mr. Frazer, Comptroller, to Mr. Brady, State Auditor.

November 5, 1913.

Honorable James J. Brady, Auditor of Public Accounts, State House, Springfield, Ill. DEAR STR: I will be glad to have a statement from your office of the amount of the liability of the State of Illinois (as assumed by the Act of 1897) on account of the endowment fund of the University. I would like to know the present amount of this endowment fund liability, and I would like also to know how this amount was arrived at. I would also be glad to know the method used by your office in figuring interest on the endowment fund. In estimating our income for the present year, it is necessary for me to know the exact amount of revenue that the University may expect under the appropriation "Interest on Endowment Fund." I will very much appreciate an early answer to this inquiry.

Very truly yours,

Company E. France Commetroller.

GEORGE E. FRAZER, Comptroller.

# Mr. Brady, State Auditor, to Mr. Frazer, Comptroller.

November 11, 1913.

Mr. George E. Frazer, Comptroller, University of Illinois, Urbana, Ill.

Dear Sir: Reply to your favor of the 5th has been delayed owing to our having no stenographer available during the past week. I am enclosing you a statement showing the account of the endowment fund of the University of Illinois, amounting to \$648,322.91 on January 31, 1913. There is also due interest at 5 per cent, this being the rate allowed for the semi-annual period ending June 30.

As soon as funds are available, this interest will be paid you and not added to the endowment fund.

Yours very truly,

JAMES J. BRADY,

Public Acco

Auditor of Public Accounts.

### STATE AUDITOR'S STATEMENT OF ENDOWMENT FUND.

1897, June 11—To amount of endowment fund of University of Illinois charged to the State by the provisions of section 2 of "An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting the interests of the State in connection therewith." Approved June 11, 1897, and on the amount of said endowment fund the State by the provision of said Act is to pay 5 per cent per the provision of said Act is to pay 5 per cent per

			annum		JOIL OI	said iic	t is to pe	cy o p	or con	t per	\$456,712	91
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1001, 0	ury						as a pa					•
			fund	her	the pro	diate	of the al	orro ma	mod	Act	1,800	00
1898, Ja	<b>.</b>	6—To	Lunu	IJУ	the pro	VISIONS	or the a	oove m	imeu .	Act	1,768	
	an.	29—			44		**		a		390	00
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1900. J:	an.	4			"		**		"		5,042	04
	eb.	1			"		"		"		4,296	00
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		29			**		44		"		7,987	ÒŎ
	an.	5—			**		**		**		7.886	84
		31—			**				"		3,180	00
		27—			**		"		"		5,812	15
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		11					"				7,000	00
		17			"				<i>a</i>		2,723	65
		30			"				"		3,900	00
		31—			"	-	"		"		9,332	00
1902, Ja	an.	7			"		"		"		11,155	00
		17			"		"		"		· 5,664	
" F	eb.	15—			"		44		"		1,050	.00
" F	eb.	21			**		**		"		1,500	00
" Jı	une	24			**		• •		"		1,660	00
" · Se	ept.	20—			"		**		"		900	00
	ov.	5			**		**		"		1,200	00
		31—-			**		66		"		3,465	90
		30—			**		"		ee .		3,444	80
	an	š			"		"		"		3,411	ŭŭ
		19—			"				"		4,937	ŏŏ
		30			**		44	٠.			2,060	őő
		28			"		"		"		1.638	00
17.1			0220-	in	omourt	ah a nora d	received			1001	1,000	75
Jt	une	0 0-TO	error	111	amount	chargeo	received	Octob	cι ου,	TOOT		19

STATE AUDITOR'S STATEMENT OF ENDOWMENT FUND-Concluded. \$1,249 00 3,795 00 5—To amount recd. from sale of University lands...... Jan. 30-" 29---" " " 150 00 1,400 00 June Nov. 25-" 1905, -Amount received on land contracts..... 2,060 00 Jan. 1,229 00 Feb. 800 00 Apr. Sept. 11-200 00 1,500 00 13-Oct. Dec. 1,040 00 1906, Jan. -To amount recd. from S. W. Shattuck, land contracts 5,080 00 2,184 00 1,712 50 Jan. 29— .. Mar. 5---1,200 00 1,562 00 " " " June 6 1907, Jan. 4. " " 753 50 Feb. " " 100 00 Apr. 17 1908, " 816 Jan. Feb. 28 " " " 1,620 00 1909, 1,668 00 Jan. 1,936 00 Jan. May 90 00 27—To amount received from First Nat. Bank of Chicago, proceeds of sale of bonds by Metropolitan Nat. Bank belonging to U. of I. endowment fund......
4—From Shattuck, amount received on land contracts....
9—To amount received from S. W. Shattuck..... 921 38 1,960 00 1910, Jan. 210 00 60 00 1911, Jan.

\$648,322 91

Mr. Frazer, Comptroller, to Mr. Brady, State Auditor.

Honorable James J. Brady, State Auditor of Public Accounts, Springfield, Ill.

1912, Jan. 12—To amount received .....

Attention of Mr. John K. Seagrave.

DEAR SIR: I note that your statement of the endowment fund of the University, contained in your letter of November 11, 1913, gives the amount of this fund as \$648,322.91, on January 31, 1913. This statement does not include a remittance of \$60 to the State Treasurer on December 31, 1912. I presume, therefore, that the statement was as of January 1, 1913, rather than as of January 31, 1913. It would seem that a statement of the endowment fund as of January 1, 1914, may be made as follows:

Reported	January 1,	1913.		 	 	\$648,322	91
Remitted	January 2,	1913.		 	 	60	
Remitted	December :	13, 19	13	 ,	 	60	00

Total ..... \$648,442 91

Mr. Brady, State Auditor, to Mr. Frazer, Comptroller.

January 14, 1914.

Mr. George E. Frazer, Comptroller, University of Illinois, Urbana, Ill. DEAR SIR: Replying to your favor of the 13th, I beg to advise that investigation shows that the previous administration failed to credit the endowment fund with the sum of \$60 which was received on January 2, 1913.

This amount plus the remittance on December 13, of \$60, makes the endowment fund as you state \$648,442.91.

Thanking you very much for your information in regard to the other assets of the endowment fund, of which I have made due note in this office, I am,

Yours very truly,

JAMES J. BRADY,

JAMES J. BRADY, Auditor of Public Accounts.

## A GRANITE BOULDER TO MARK THE GRAVE OF DR. GREGORY.

President James presented a recommendation from Prof. James M. White, Supervising Architect, that a granite boulder which was taken from the excavation made in preparing for the foundations of Lincoln Hall be used to mark the grave of Dr. John Milton Gregory, the first regent of the University, on the University campus, and that a bronze tablet with a suitable inscription be placed upon the boulder; this recommendation being submitted in response to a request for a suggestion with reference to a simple and appropriate method of marking this grave (see page 132).

On motion of Mr. Trevett, this recommendation of the supervising

architect's was approved.

## STORE HOUSE TO BE ERECTED.

At the request of President James, Professor White presented plans for a University Storehouse, to consist of a one-story structure, 30 feet by 180 feet, with a concrete floor and corrugated iron sides, to be erected, at an estimated cost of two thousand dollars (\$2,000), at some convenient point east of Goodwin Avenue on the land recently acquired by the University.

On motion of Mrs. Henrotin, it was voted to appropriate the sum of two thousand dollars (\$2,000) for this purpose, and to authorize the supervising architect to erect a storehouse in accordance with the plans submitted.

The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

At this point Dr. Montgomery rejoined the meeting.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

#### SUMMER SESSION-ADMISSION, SALARIES, ETC.

(1) The following recommendations from the Committee (of the faculty) on the summer session, with reference to the summer session of 1914:

1. That the summer session extend through a period of eight weeks, as

heretofore.

2. That admission to the summer session courses for which University credit is granted be limited to students who could be regularly admitted into the College of the University in which they would be registered in the winter session, and to special students who are at least twenty-one years of age.

3. That courses may also be offered, as circumstances may make feasible or necessary, which do not carry University credit, but to which teachers who cannot meet the above conditions may be admitted.

4. That the following schedule of salaries for the summer session be adopted:

4. '.	that the	following	; schedule	ΟÍ	salaries	for the	summer	session k	e adopted:
Professo	rs								\$500 00
									400 00
									300 00
Associat	es								250 00
Instruct	ors								225 00
Assistan	ts							\$150 00	to 200 00
			1 0. 17						

5. That graduate work for the summer session receive special emphasis in the departments of the University that are particularly concerned in preparing secondary school teachers and public school supervisors, principals, and superintendents.

6. That the sum of \$25,000 be appropriated for the support of the coming summer session and be made a part of the budget for the coming year, 1914-15.

On the recommendation of President James and on motion of Superintendent Blair, the foregoing recommendations from the Committee on the Summer Session were approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

### THE PRESIDENT AUTHORIZED TO VISIT ALUMNI ASSOCIATIONS.

(2) A statement that the President of the University is in receipt of constant requests from the various alumni associations of the University in different cities to attend the annual meetings of these organizations, that the only feasible method of responding to these requests in any systematic way would be to set apart a certain period during the academic year when such meetings are held to be given to this particular work, and that such trips covering the circuit of the alumni

associations have become a regular feature of university administration in other institutions; with a request for instructions from the board in regard to this matter.

On motion of Superintendent Blair, it was voted that the President of the University be authorized to attend such meetings of alumni associations. at the expense of the University. Mrs. Busey asked to be recorded as voting no.

### RESOLUTIONS OF THE ILLINI CLUB OF CHICAGO IN COMMEMORA-TION OF PRESIDENT JAMES' TEN YEARS OF SERVICE.

At this point President Abbott presented a set of resolutions passed at the annual meeting of the Illini Club of Chicago, on Tuesday, January 20, 1914.

On motion of Mrs. Henrotin, it was voted that these resolutions be printed in the minutes of the board:

# RESOLUTIONS PASSED AT THE ANNUAL MEETING OF THE ILLINI CLUB, TUESDAY, JANUARY 20, 1914.

Whereas, The presentation of the detailed expense budget of the University, at the quarterly meeting of the Board of Trustees to be held tomorrow, will mark the completion of the financial side of the tenth year of the administration of Edmund J. James as President of the University of Illinois; and Whereas, During his decade of service the University has made wonderful progress in equipment, faculty, reputation for scholarship, number of students, multiplication of departments, and the number and solidarity of student interests and activities; and Whereas, The financial condition of the University revenue a tax of one mill on the dollar of assessed property in the State—a law whose passage was mainly due to the persistence with which it was urged by President James; now, therefor, be it be it

Resolved, By the Illini Club, that we hereby tender our hearty congratulations to the President of the University, Dr. Edmund J. James, on the successful and happy completion of ten years of service, marked by so great a degree of prosperity

happy completion of ten years of service, marked by so great a degree of prosperity and success; and be it further

Resolved, That we look forward with confidence to the continued success and progress of the University under the administration of President James, and trust that at the end of another decade it shall be our pleasant privilege to congratulate him again on a still higher and wider development; and be it further

Resolved, That we commend the wisdom of the trustees in extending their continued confidence to the president and his administration; and be it further

Resolved, That a copy of these resolutions be sent to the Board of Trustees through the president of the same, with the request that they be entered in the minutes of the board.

GEORGE R. CARR, President, Illini Club.

President James continued his presentation of matters for the consideration of the board.

### LEAVE OF ABSENCE FOR PROF. M. H. ROBINSON.

(3) A request from Dr. Maurice H. Robinson, Professor of Industry and Transportation, for leave of absence, on half salary, for the academic year 1914-15, for the purpose of study in Europe.

On the recommendation of President James and on motion of Mrs. Evans, it was voted to grant this request.

### REFUND OF FEES TO CANDIDATES FOR THE PROFESSIONAL ENGINEERING DEGREE.

(4) A recommendation from Dr. David Kinley, Vice-President and Dean of the Graduate School, that the following regulations be made with reference to the refund of fees to candidates for the professional degree in engineering who with-

retund of fees to candidates for the professional degree in engineering who withdraw from such candidacy:

If a candidate for a professional engineering degree in the Graduate School desires to withdraw his application for the degree at any time within the current semester in which he has made application, the entire fee shall be returned to him, and he shall cease to be a candidate for the degree and his name shall be stricken from the list. from the list.

If any candidate requests that his name be withdrawn and his fee returned within a period later than one semester after registration, one-half the fee shall be returned to him, and the rest shall be held by the University.

November 5, 1913.

If at any time within the five-year period within which a candidate under the rules is at liberty to resume his candidacy an applicant who has withdrawn after paying his fee notifies the University of his desire to be again enrolled, he shall be required to repay the amount previously returned to him in order that he may be in good standing.

On the recommendation of President James and on motion of Superintendent Blair, the foregoing regulations were approved.

#### AMENDMENT OF RULE 13a.

(5) The following recommendation from the Council of Administration with reference to the amendment of the rule in regard to the fee for changes in study-lists to limit the charge to be made on any one occasion:

Dr. Edmund J. James, President.

Dr. Edmund J. James, President.

Dran MR. President: The Council of Administration at its meeting of November 4, 1913, voted to recommend to the Board of Trustees that rule 13a of the Regulations for the Guidance of Undergraduate Students be amended by the addition of the following words: "Provided that the total charge for the rearrangement authorized on any one change slip shall not exceed \$2."

The rule as thus amended would read as follows: "Changes in study lists must be completed and filed at the business office not later than 5:00 p.m. of the 10th day of classwork as scheduled, or a fee of \$1 will be charged for each change; provided that the total charge for the rearrangement authorized on any one change slip shall not exceed \$2."

Yours very truly,

K. C. Barcock,

Secretary Council of Administration.

On the recommendation of President James and on motion of Mrs.

On the recommendation of President James and on motion of Mrs. Henrotin, this recommendation from the Council of Administration was approved.

#### PROPOSED CONTRIBUTION TOWARD THE ROTHAMSTED COMMEMORATION LABORATORY.

(6) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that the University contribute the sum of five hundred dollars (\$500), to be taken from receipts under the Hatch fund, toward the erection of a Commemoration Laboratory at the Rothamsted Experiment Station, Rothamsted, England.

The consideration of this recommendation was postponed until the next

meeting of the board.

#### CONTRIBUTION TO THE "MISSISSIPPI VALLEY HISTORICAL REVIEW."

(7) A request from Professor Clarence W. Alvord, of the Department of History, that the University contribute the sum of one hundred dollars (\$100) for three years, toward the support of the Mississippi Valley Historical Review, a new historical magazine of which he is to be the editor; this request being endorsed by Professor Evarts B. Greene, Head of the Department of History, and Dr. Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences.

On the recommendation of President James and on motion of Superintendent Blair, it was voted that the sum of one hundred dollars (\$100) be appropriated as a contribution, for the fiscal year beginning July 1, 1914, toward the expenses of the Mississippi Valley Historical Review. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

# ADDITION TO THE BOILER HOUSE; BIDS AUTHORIZED.

At the request of President James, Professor White submitted plans for the addition to the boiler-house.

On motion of Mrs. Busey, it was voted that these plans be approved, and that the supervising architect be instructed to call for bids on the basis of these plans.

## ADDITION TO THE LIBRARY STACK: BIDS AUTHORIZED.

Professor White submitted also the working plans and specifications for an addition to the Library stack of the present Library Building, to be erected at an estimated cost of thirty-three thousand dollars (\$33,000).

On motion of Mrs. Evans, it was voted that these plans be approved, and that the supervising architect be authorized to call for bids on the basis of

President James then resumed his presentation of matters for the consideration of the board.

# CHARTER OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF CHICAGO TO BE CANCELLED.

(8) A recommendation that the legal counsel of the University be directed to take such steps as may be necessary to cancel the charter of the College of Physicians and Surgeons of Chicago.

On motion of Dr. Montgomery, it was voted to approve this recom-

mendation.

## APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY.

(9) A recommendation from the University Committee on Accountancy, that Mr. Arthur Young, C.P.A., of the firm of Arthur Young and Company, of Chicago, be appointed a member of the Board of Examiners in Accountancy, for a term ending June 30, 1916, to succeed Mr. John Alexander Cooper, whose term of office

On the recommendation of President James and on motion of Superin-

tendent Blair, this appointment was made as recommended.

#### LABORATORY FEE IN DAIRY HUSBANDRY II.

(10) A recommendation from the Council of Administration that a laboratory fee of \$4 be established for the course in dairy bacteriology, Dairy Husbandry 11. On motion of Mr. Hoit, this recommendation from the Council of Administration was approved.

#### CONTRACT FOR ORGAN.

(11) A recommendation from a committee appointed to consider the purchase of an organ to be placed in the University Auditorium, that the order for the construction of the organ be placed with the firm of Casavant Brothers, of South Haven, Mich.

On the recommendation of President James and on motion of Superintendent Blair, it was voted that the comptroller be authorized to let the contract for the construction of the organ to Casavant Brothers.

At this point Mr. Trevett withdrew.

#### AUTHORITY FOR BOOK ORDER.

(12) A request from Mr. P. L. Windsor, Librarian, that he be given authority to order books for the University Library, on account of the budget for the year 1914-15, to the amount of fifteen thousand dollars (\$15,000); this request being made because in the case of books which are more or less rare it sometimes is several months after an order is given before they can be obtained, and unless authority is given to order such books in advance it is impossible to have them on hand for use at the time when they are needed by the various departments.

On the recommendation of President James, it was voted to approve the foregoing request from the Librarian. The vote was as follows: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Mr. Trevett.

Miss Watson.

### REPORT OF APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented for record the following report of appointments made by the President of the University, under the authority of the Board of Trustees:

Anders, P., Assistant in Glassblowing in the Department of Chemistry, at a salary of one hundred dollars (\$100) a month, beginning when he shall report for service, and continuing until June 30; 1914. (December 27, 1913.\*) Exton, Edna M., Temporary Clerk in the Loan Department of the Library, at a salary of thirty-five dollars (\$35) a month, beginning January 1, 1914, and continuing until further notice. (December 19, 1913.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

Feldkamp, Amelia, Clerk in the Dairy Department, at a salary of fifty dollars (\$50) a month, beginning January 1, 1914, and continuing until further notice; this appointment superseding her previous appointment at forty dollars (\$40) a month. (January 2, 1914.)

Fréchet, M., Professor of Mathematics, for the academic year 1914-15, at a salary of three thousand dollars (\$3,000) for the year, subject to the terms of a letter addressed to Professor Fréchet by President James under date of November 20, 1913. (December 22, 1913.)

Giehler, F. J., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914.)

Ititle, Roger F., Lecturer on Business Law, for the second semester of the academic year 1913-14, at a salary of two hundred fifty dollars (\$250) for the semester. (January 19, 1914.)

Luther, Cornelia Maria, Stenographer in the Library, for eight and one-half months, beginning December 15, 1913, at a salary of forty dollars (\$40) a month. (January 17, 1914.)

Phelps, Vergil Vivian, Executive Clerk in the President's Office, at a salary of eighteen hundred dollars (\$1,800) per annum, beginning January 1, 1914, and continuing until further notice, vice J. H. Kelley, resigned. (January 2, 1914.)

Pillsbury, Warren H., Instructor in Law, beginning January 15, 1914, and continuing until June 30, 1914, at a salary of eleven hundred dollars (\$1,100) for the period specified; this appointment superseding his previous appointment beginning February 1, 1914, at one thousand (\$1,000). (January 16, 1914.)

Randall, Frank M., Laboratory Helper in Physiology and Keeper of the Animal Room in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning as soon as he shall report for service, and continuing until further notice. (January 19, 1914.)

Rich, P. C., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914.)

14, 1914.)

Storey, Russell M., Assistant in Political Science, on half time, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of five hundred dollars (\$500) for the time specified. (January 17, 1914.)

Velzy, C. R., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914) 14, 1914.)

## REPORT OF THE COMPTROLLER.

The secretary presented the report of Prof. George E. Frazer, Comptroller, for the quarter ending December 31, 1913.

This report was received for record:

January 19, 1914.

January 19, 1914.

Honorable W. L. Abbott, President, Board of Trustees, University of Illinois.

DEAR SIR: I have the honor to hand you herewith the quarterly report of the business office for the three months ending December 31, 1913. Included in this report you will find schedules of cash receipts and disbursements, of expenditures from State appropriations, and charges against all departments and accounts as at December 31, 1913. You will find complete reconciliations of accounts of the business office with those of the State Auditor and the University treasurer in Schedules 5 and 6. In Schedule 7 is given a statement of amounts collected by the State Treasurer on the mill tax fund for the twelve months ending December 31, 1913.

The State Transition of the State Auditor.

Under separate covers, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted,

Respectfully submitted, GEO. E. FRAZER, Comptroller.

#### SCHEDULE 1.

CASH SUMMARY, DECEMBER 31, 1913.

General—		
UNIVERSITY TREASURER.		
Balance July 1, 1913		
Receipts, Schedule 2	210,851 77	
Total	\$488,702 96	1
Disbursements, Schedule 4	283,322 21	
Balance December 31, 1913		\$205,380 75
Balance July 1, 1913	e 1 140 77	
Receipts, Schedule 2	15,030,00	
recorpts, beneatte 2	10,000 00	
Total	\$16,170 77	
Disbursements, Schedule 4		
Balance December 31, 1913		. 1.229 84

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

SCHEDULE 1—Concluded.		
Medicine—       *\$ 1,034 04         Balance July 1, 1913       *\$ 1,034 04         Receipts, Schedule 2       45,992 93		
Total \$44,958 89 Disbursements, Schedule 4 20,085 69		
Balance December 31, 1913	\$24,873	20
Pharmacy—  Balance July 1, 1913 \$ 2,166 87  Receipts, Schedule 2 18,473 39		
Total \$20,640 26 Disbursements, Schedule 4 2,640 77		
Balance December 31, 1913	17,999	49
, Total treasurer's balance, December 31, 1913	5,000 300 250	00 00
Vice-Director, Agricultural Experiment Station		
Total cash balance December 31, 1913	\$255,633	28
* Overdraft.		

SCHEDULE 2. CASH RECEIPTS FOR THE QUARTER ENDING DECEMBER 31, 1913.

9		Mon	th ending	_	,
•	Previously reported.	October 31, 1913.	November 30, 1913.	December 31, 1913.	Total receipts.
General—		:	·		
Accountancy Agricultural college— Administrative. Press service. Agronomy, Agronomy, experiment station. Alumni Record. Animal husbandry, experiment sta-	\$ 13 55 17 20 53 00 63 06 3,676 85 312 69 501 31	\$ 27 25 53 60 217 80 567 36 94 50 694 14	\$ 53 66 15 55 871 67 46 50 328 66	2 31 2, 102 83 80 60	\$ 106 25 • 17 20 217 86 298 72 7,218 71 534 29 2,958 96
tion Armory. Blue printing Buildings. Business office. Cafeteria. Ceramics. Chemistry Civil engineering Dairy husbandry Dairy husbandry Dairy husbandry experiment station. Dean of men Electrical engineering Engineering experiment station. Heat and light. History. Horticulture Horticulture, experiment station. Household science Interest on land contracts	368 44 75 19 1 77 1,712 69 0 16 75 77 65 14,549 72 1,126 82 	1, 152 07 8 25 3, 707 88 640 29 30 25 21 63	39 44 27 64 1,072 96 75 3,617 30 575 67 5 00 27 10 144 35	3, 184 12 645 06 45 44 14 75 24 67 372 29 11 84	11 84 696 99 255 61 42 10
Liberal arts and sciences, administrative Library. Mechanical engineering. Morrill fund. Nelson fund. Orchestra concerts. Philology, Journal of Railway engineering experiment sta-	3 08 3 10 118 00 	1 25.000 00		1	25,000 00 25,000 00 3,781 25 297 45
tion	8 25		60 00	9 80	9 80 8 25 60 00

# SCHEDULE 2-Concluded.

		Mo	nth ending	g	
	Previously reported.	October 31, 1913.	Novem- ber 30, 1913.	December 31, 1913.	Total receipts.
General—Concluded. Rent, houses State treasurer. Student associations. Supervising architect's office. Theoretic and applied mechanics. Tunnel extension. University Studies. Water survey. Woman's building Zöölogy Fee Collections—	1 75 9 60 443 70 15 93 13 21 56 00	20,000 00 1 75 100 64 	1 50 30 00 39 62	1 50 12 00 17 88 11 18	\$ 589 00 20,000 00 6 50 140 24 455 70 33 81 25 73 179 04 17 89 1 11
General and laboratory Lockers	68,871 50 1,528 50		449 75 150 00		73,764 50 2,224 00
Trust Funds—  B'nai B'rith  Hospital association  McDowell memorial fund  McKinley fund, interest  McKinley fund, principal.  Snyder fund, interest  Snyder fund, principal.  Towel fund  Wilson lectureship fund  Woman's league fund.	187 04 140 00 191 10 1,173 75 100 00	29 57 50 00 101 02 224 00 323 75 100 00 6 95	18 00 38 55 30 00 18 76 195 14 308 00	4 57 38 24 187 50 22 69 332 00	115 00 377 00 4 57 293 40 407 50 333 57 1,924 89 731 75 100 00 6 95
Totals	\$104,308 73	\$85, 143 92	\$9,853 88	\$11,545 24	\$201,851 77
U. S. Agricultural Experiment Station— Adams fund Hatch fund Adams fund receipts Totals	\$3,750 00 3,750 00  \$7,500 00	\$3,750 00 3,750 00 		\$30 00 \$30 00	\$7,500 00 7,500 00 30 00 \$15,030 00
College of Medicine— Dentistry— General fees: Interest Infirmary Infirmary clinic Rebates. Totals.	\$170 00 13 50  \$183 50	\$4,244 00 25 00  \$4,269 00	127 00 183 45		\$6,502 00 38 50 127 00 472 45 7 00 \$7,146 95
Medicine— Advertising Dispensary Embalming. Fees—	\$ 171 75	\$ 50 85 10 00	\$ 235 17 47 45	\$ 40 55	\$ 235 17 310 60 10 00
General and laboratory Lockers Interest on bonds Rebates West Side hospital.	6,783 95 264 00 30 00 9 76	28,814 45 250 00	1,591 00	518 55 28 50	37,707 95 278 50 264 00 30 00 9 76
Totals	\$7,259 46	\$29,125 30	\$1,873 62	\$587 60	\$38,845 98
College of Medicine totals	\$7,442 96	\$33,394 30	\$3,747 07	\$1,408 60	\$45,992 93
School of Pharmacy— Fees	\$15,383 39 100 00	\$1,390 00	\$317 00	\$1,283 00	\$18,373 39 100 00
Totals	\$15,483 39	<u>\$1,390 00</u>	\$317 00	\$1,283 00	\$18,473 39
Summary— General. U. S. Agricultural Experiment Station College of Medicine.	\$104,308 73 7,500 00 7,442 96	\$85,143 92 7,500 00 33,394 30 1,390 00		\$11,545 24 30 00 1,408 60	\$210,851 77 15,030 00 45,992 93
School of Pharmacy  Totals	15,483 39 \$134,735 08				18,473 39 \$290,348 09

## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-1914 AS AT DECEMBER 31, 1913-

Appropriation.	Amount.	Disburse- ments Schedule 4	Balance.
Operation, maintenance and equipment  Building, land and equipment  Water survey and investigation  Mechanics' and miners' institutes  Total.	650,000 00 21,500 00 15,000 00	\$869,039 28 508,493 87 10,314 66 947 02 \$1,388,794 83	\$730,960 72 141,506 13 11,185 34 14,052 98 \$897,705 17

### SCHEDULE 4.

RECONCILEMENT (	OF	WARRANT	REGISTERS	WITH	DISBURSEL	AENT.	LEDGERS	AS	$\mathbf{AT}$
			DECEMBER 3	1, 191	3.				
University Treasure	r	-		•					
Warrant Regist	er-								
Ganaral						\$283 3	322 21		

warrant negister—		
General	\$283,322 21	
U. S. Agricultural Experiment Station	14,940 93	
Medicine	20,085 69	
Pharmacy	2,640 77	
-		320,989 60
State Auditor—		

<u>947 02</u> 1,388,794 85

\$1,709,784 45

\$1,709,784 45

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913, AS AT DECEMBER 31. 1913.

		Disburse-		Encumb	orances.	
	Balance July 1, 1913.	ments July 1, to December 31.	Cash balance.	Open market orders outstand- ing.	Total.	Free balance.
Current Appropriations— Literature and Arts, College of Science, College of State Appropriations— Agricultural college Animal husbandry building Apparatus and Appliances—	\$ 74 10 7 85 15,278 43 70,941 39	7 85 15,278 43 70,941 39				
Astronomy.  Museum Psychology. Armory Cabinets Ceramics Clinic building. Cold storage Commerce building. Crop experiments.	321 84 14 21,981 65 159 90 851 33 5,000 00 9,000 00 10,024 75 2,517 88	321 84 14 21,981 65 159 90 851 33 	\$5,000 00 9,000 00 3,250 85	1	\$1,012 90	\$5,000 00 9,000 00 2,237.95
Drains, fences and repairs Engineering building and grounds	L)					

# SCHEDULE 41-Concluded,

		Disburse-		Encum	orances.	
	Balance July 1, 1913.	ments.	tts 1, to Cash Open balance. market		Total.	Free balance.
State Appropriations—Concluded Engineering extension and maintenance. Glass house. Graduate school Household science. Law building. Law school. Library. Live stock specimens Mines investigation. Mining engineering. Operating expense. Pavements and walks. Social and political science. Soil maps. Telephone exchange. University Hall Water investigation. Water survey. Woman's building addision. Totals.	\$ 7, 865 11 388 95 12, 709 51 2, 363 95 12, 709 51 2, 363 95 3, 588 24 3, 052 43 1, 842 56 807 48 83 3, 097 77 4, 867 10 168 30 4, 055 89 29, 743 42 202 47 450 80 943 76 2, 918 38 7, 332 40	328 95 12, 709 51 437 17 3, 316 63 3, 052 43 1, 842 56 807 48 33, 097 77 4, 867 10 168 30 1, 454 80 91, 292 47 450 80 943 76 2, 918 38	\$ 1,926 77 271 61 271 61 2,600 96 27,053 51	\$2 81 27 122 25 122 25 250 00 6, 809 14	\$ 281 27 122 25 	\$1,645 50 149 36 

SCHEDULE 42.

DISBURSEMENTS ON ACCOUNTS FOR 1913-1914, JULY 1, TO DECEMBER 31, 1913.

	,				E	ncumbran	ces.			
	Appropriations and credits.	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Library orders out- standing.	Repair orders out- standing.	Con- tracts out- standing.	Total.	Total charges.	Appropriation balances.
Land and Land Improvements—										
Land Boiler house drive Campus extention	2,500 00	\$ 361,156 33 42 90		\$ 140 00				\$ 140 00	\$ 361, 156 33 182 90 962 36	2,317 10
Campus lighting	6,000 00	3,961 33 1,776 31	\$ 1 35 9 54	82 37 42 35			\$ 2,500 00	2,582 37 42 35	6,545 05	
Buildings— Armory Ceramics building	90,508 00 65,000 00	31,029 61						15,393 38		44,079 51 65,000 00
Chemical laboratory addition Commerce building addition Dairy farm house Education building	250,000 00 125,000 00 4,500 00	432 42 3 32 39 90	7 90 35						440 32 3 67 39 90	249,559 68 124,996 33 4,460 10 120,000 00
Feeding plant	8,000 00 44,880 00	1,034 39 9,231 73 3,951 88	222 00 5 90 6 00	52 00 91 15 1,287 30			92 00 1,262 00	52 00 183 15 2,549 30	9,420 78 6,507 18	8,691 61 *1,420 78 39,372 82
Horticultural field laboratory Horticultural glass house and service building Library stacks addition Mechanics English laboratory extension	30,000 00 18,000 00 27,700 00 26,000 00	27,286 00	5 10	599 15			887 53	1,486 68	143 78	30,000 00 *10,777 78 27,556 29 26,000 00
Natural history laboratory addition	25,000 00									65,000 00 25,000 00 660 69
Stock judging pavilion. Transportation building. Wing for concrete work			1	l			1			30,092 35 16,000 00
Women's residence hall	50,000 00	1,002 25							1,002 25	100,000 00 50,000 00
Physical Plant Equipment— Electrical conduit. Tunnel extension		28 75 43,487 47	5 04	1,423 00 208 64			8,312 00	1,423 00 8,520 64		
General Equipment— Furniture and fixtures Lincoln hall bookcases. Temperature control.	350 00 4,830 00 8,000 00	4,663 80	1	1		1		1,574 23	3,816 85 4,663 80 1,294 85	166 20

					E	lncumbrar	ices.			
	Appropriations and credits.	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Library orders out- standing.	Repair orders out- standing.	Con- tracts out- standing.	Total.	Total charges.	Appropriation balances.
General Equipment—Concluded. Vacuum cleaners. Woman's building equipment. Library additions. Vahlen and Aron libraries. B'nai B'rith library. Pipe organ Plant collection University printery.	15,000 00 500 00 15,000 00	8,908 40 15,515 45 29 00	65 00	3,820 24	\$ 8,076 75 51 91			3,820 24 51 91	17,050 15 19,335 69 80 91 127 40	32,949 85 1,164 31 118 70
Photographic equipment Working Assets—	1,500 00			321 14	1 20			322 34		
Office supply stores Postage stores. Petry cash. University salaries Physical Plant Operation—	4,541 01 6 150 00	5,850 00					<b></b> .	1,593 78		
Supervising architect's office. Superintendent of buildings, office. Superintendent of grounds, office. Heating and lighting Buildings.		29.828.31	· 27 33 2 00 4 71	87 00 1,695 98			26.883 19	1	1,702 65 2 00 58,412 19	
Grounds	1,000 00	1,828 81	6 50	952 80 571 20				663 70 952 80 571 20 1 50	2,400 01	
Building changes Building repairs. Nutrition laboratory. Administration—	17,060 00 5,800 00	10,322 03		741 69		78 00	453 75	513 02 1,273 44 1,154 50	3,838 52 11,685 12 3,213 67	5,374 88
Board of trustees. President's office. Vice President Business office.	420 00		774 83 588 45	227 25 273 50	1 25	2 50		276 00	194 73 3,276 09	
Registrar's office Council of administration Legal counsel		2,581 46 181 60 116 95		140 40				296 15 140 40	3,302 09 322 00	

			11E 42-C							
					E	ncumbran	ices.			
	Appropriations and credits.	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Library orders out- standing.	Repair orders out- standing.	Con- tracts out- standing.	Total.	Total charges.	Appropriation balances.
Liberal Arts and Sciences—Concluded.  German History Mathemetics. Philosophy. Physiology. Political science Psychology Romance languages Sociology. Zoölogy Natural history museum Museum of European culture. Classical museum. Agricultural College— Administration Press service. Extension.	\$ 400 00 . 250 00 . 3,375 00 } 15,000 00	82 85 7 00 1, 079 96 11 15 208 36 34 20 37 35 3,554 30 69 01 317 07 1,620 32 1,787 07 394 89 2,668 01	39 18 18 57 1 71 29 57 6 24 40 90 12 32 8 76 117 28 8 36 1 10 568 29 137 70 326 83	27 75 158 70 133 27 1,450 40 39 00 2,039 00 2,586 00 1,051 10 42 00 162 00	\$ 45 00 450 35	95 00 61 00 127 00 15 00 2 70 576 00		93 25 253 70 194 27 2,027 75 54 00 2,039 00 2,588 70 1,627 10 42 00 217 50	177 07 194 67 8 71 1, 363 23 17 39 443 53 46 52 46 11 5, 699 33 131 37 2, 357 17 4, 209 02 3, 982 46 574 59 3, 212 34	
Agronomy Animal husbandry Dairy husbandry Creamery Horticulture Household science Cafeteria Veterinary science Agricultural Experiment Station— Agronomy, crops		7, 714 66 19, 551 13 9, 073 48 14, 235 86 17, 147 51 1, 446 24 4, 732 62 25 55 5, 537 70 32, 492 65	372 02 218 68 470 80 174 55 406 69 5 00 9 60	1,297 23 1,144 73 514 98 2,885 11 534 65 1,087 06 4 00 331 64	5 50 18 85	3 149 05 340 00 164 25 234 00 3 00		1,450 04 1,484 73 514 98 3,054 86 787 50 1,090 06 4 00 331 64	21, 373 19 10, 776 89 14, 750 84 20, 673 17 2, 408 29 6, 229 37 34 55 5, 878 94	
Agronomy, soils Animal husbandry Dairy husbandry Floriculture Horticulture United States Agricultural Experiment Station— Adams fund Administration Animal husbandry	15,000 00	17, 184 82 13, 466 94 2, 129 43 7, 278 78	403 76 48 61 20 23 1 42	1,416 34 1,387 28 143 08 566 52 10 60		<b>42</b> 50 50 00		1,437 28 143 08 566 52	19,047 42 14,952 83 2,292 74 7,846 72	}\$ 7,113 8

Receipts	1 .		<b>1</b>	1	,	1	r	1.	1 1	
Receipts		37 58						·····		· · · · · · · · · · · · · · · · · · ·
Hatch fund	15,000 00		1	154 50	11 00	1	:	165 50		
Administration	1	2,815 86	3		1	1	1		2,088 38	1 .
Agronomy	l <b></b>	2,088,38				1			81 50	1
Botany		Q1 50		95					1.920 85	7.982 61
Dairy		01 90		~				40	1, 520 65	1,000 01
		1,920 60	1						4 00	
Horticulture		4.00	)	91 50				91 50	[ 198 55]	1
Nitrogen fixation res	1	107 05	il	1			1	1		1
Engineering College—	1		1				1		1	•
Administration	l	1,338 72	196 32	564 90	9 00	I 500	1	578 90	9 119 04	
Architecture		1,000 12	190 32							
		329 15				22 50		307 13	694.81	
Civil engineering								179 41		
Electrical engineering		933 62	123 60	129 40	١		1	129 40	1 1.186 62	
General engineering drawing	l	694 82	40.91	21 05	l	12 00		33 05	768 78	
Mechanical engineering		7.432 89		1 792 13		37 80		1,760 93		
Theoretical and applied mechanics		3,203 24						280 33	9,000 10	
Mining engineering		633 19						463 78	1,188 85	
Cooperative mines investigation		1,307 73	95					<b></b>	1,308 68	
Physics	600 00	1,523 47	71 36	970 92		l		970 92	2,565 75	
Railway engineering		538 83		79 45				79 45	687 13	
Engineering Experiment Station—		990 69	00 00	10 10				10 10	00, 10	
Fugineering Experiment Stanon-		.010.00	سم مد	2 205 00	1	1 00		0.000.00	0.40	
Administration		949 28						2,206 00	3, 167 95	
Chemical engineering		18 50								
Civil engineering	l	10 35		15 15			. <i></i>	15 15	25 50	
Electrical engineering		242 05		19 00				19 00		
Mechanical engineering.		393 58		1 00		10.00			414 99	
		524 25				10 00			111 22	
Physics									524 25	
Railway engineering		485 71						342 80		
Locomotive laboratory tests	3,000 00	1.389 11	57 05					271 70		1,282 14
Theoretical and applied mechanics		758 16	77 42	l			1	1	835 58	
Mechanics' and miners' institutes	15,000 00	279 87		49 60		95.00		74 60	354 47	
Miscellaneous—	10,000 00	#10 O1		10 00		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			001 11	
Miscellaneous—		4 201 00	100 71	1 199 00	Ø10 00	i .		1 771 70	0.000 00	
Graduate school		4,531 39			019 92			1,751 72	0,585 82	
Courses in commerce		199 25			1.016 21	23 00		1,089 21	1,367 51	
Medicine and dentistry	145,992 93	100,726 62		15,034 24	2,761 05	27,982 16	†6,458 43			
Pharmacy	12,070,00	7, 763 85		434 72			2,500 00	2,934 72	10.698 57	1,371 43
Law school	1.0,0.0	51 25		25 00		40.00		65 00		
		641 94			1 790 00	1 20 00		1.730 26		
Law library					1, 100 20	}				
Library school		114 29						79 65	242 22	
Music school		367 13						15 00		
Summer session, 1913	14,270 45	14,092 43	2 70		l	1	l <sup>.</sup>		14.095 13	175 32
Summer session, 1914		135 38					1		135 38	
		465 04							465 04	49 96
Summer library school, 1913										
Accountancy	2,704 65	429 27	14 53			1			443 60	2,261 05
Water survey	7,679 04	853 87				17 00				6,477 56
Water investigation	21,500 00	10.314 66		462 50	1	1	l	462 50	10,777 16	10,722 84
Trust Funds—	,, 00		1			1		1	'' "]	
Plym fellowship	1,000 00	600.00	d	1	l	1	1	1	600.00	400 00
		. 000 00	1				1	1		250 00
Bryan prize										
Class of 1895 loan	· 78			[	[	[				78
	ı		1	l	ı	1.	ı	I		

# SCHEDULE 42-Concluded.

		-			Е	ncumbrar	ices.			
	Appropriations and credits.	Cash disburse- ments.	Transfer charges-		Library orders out- standing.	Repair orders out- standing.	Con- tracts out- standing.	Total.	Total charges.	Appro- priation balances.
Trust Funds—Concluded. Graduate school theses deposits. Llewellyn architecture prize McKinley fund Snyder fund. Snyder fund, interest	50 00 901 65 2,912 47	\$ 650 00 2,550 00							650 00 \$2,550 00	
Towel fund, P. T., men Wilson's lectureship fund Women's league loan fund.	731 75									731 75 100 00
Total		\$1,528,909 29	\$12,265 39	\$84,132 05	\$23,011 68	\$31,428 47	\$88,301 80	\$226,874 00	\$1,768,048 68	

<sup>\*</sup> Overdraft. † Salaries.

# SCHEDULE 5,

SCIEDODE 5.		
RECONCILIATION WITH UNIVERSITY TREASURER AS AT DECEMBER 31,	1913.	
General Fund— Treasurer's balance Deduct: Receipts belonging to College of Medicine Fund Receipts belonging to Agricultural Experiment Station fund.  \$15 00\$ 30 00	\$207,928	30
ment Station fund	45	00
Treasurer's corrected balance	\$207,883 205	
Deduct: Warrants outstanding—       \$ 330 56         Issued before July 1, 1912       \$ 330 56         Issued 1912-1913       42 68         Issued 1913-1914       2,335 79         Difference       1 00	\$208,088 2,710	
Business office corrected balance	\$205,378 1	92
Business office original balance	\$205,380	75
Agricultural Experiment Station Fund— Treasurer's balance	\$1,530 30	36 00
Treasurer's corrected balance	$\frac{1,560}{330}$	
Business office balance	\$1,229	84
College of Medicine Fund— Treasurer's balance	\$32,188 15	
Treasurer's corrected balance.  Deduct: Warrants outstanding—  Issued before July 1, 1912. \$ 113 75  Issued 1912-1913, No. 194. 20 00  Issued 1913-1914 7,196 53	\$32,203 7,330	
Business office balance		
School of Pharmacy Fund— Treasurer's balance	\$18,143 5	78 00
Treasurer's corrected balance	18,148 149	$\begin{array}{c} 78 \\ 29 \end{array}$
Business office balance	\$17,999	49
SCHEDULE 6.		
RECONCILIATION WITH STATE AUDITOR AS AT DECEMBER 31, 191	3.	
Operation, Maintenance and Equipment— State Auditor's balance Deduct: Vouchers unpaid	\$736,466 5,506	84 14
Business office corrected balance	\$730,960	70 02
Business office original balance		72
Buildings, Land and Equipment— State Auditor's balance Deduct: Vouchers unpaid	\$143,666 2,160	
Business office balance	\$141,506	13
Water Survey— State Auditor's balance Deduct: Vouchers unpaid		
Deduct. Following dispara	\$11,194 8	17 83
Business office balance	\$11,194 8 \$11,185	83

#### SCHEDULE 6-Concluded.

Miners' and Mechanics' Institutes— State Auditor's balance Deduct: Vouchers unpaid	\$14,124 88 71 90
Business office balance	\$14,052 98

#### SCHEDULE 7.

COLLECTION ON ACCOUNT OF UNIVERSITY OF ILLINOIS MILL TAX FOR THE YEAR 1913. FOR TAXES OF 1912.

June     72       July     328       August     118       September     69	,607 ,296 ,820 ,912 ,920	28 99 29 73 92
Total		

### DESCRIPTION OF LOTS FOR THE SCHOOL OF EDUCATION SITE.

The secretary presented for record descriptions of the lots purchased for the School of Education site, transmitted by Prof. James M. White, Supervising Architect.

These descriptions were received to be printed in the minutes:

(1) Lot 3 in block 55 of the Seminary Addition to the city of Urbana, purchased on February 4, 1914, from C. H. Lemon and wife and C. W. Walcott and wife.
(2) Lot 5 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 18, 1913, from William A. Rogers and Susan Rogers.
(3) Lot 6 in block 55 of the Seminary Addition to the city of Urbana, purchased on January 16, 1914, from Mary Poll.
(4) Lot 7 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from E. P. Little, Trustee.
(5) Lot 8 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from Frank Henson and Mattie W. Henson, his wife.
(6) Lot 9 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from Frank Henson and Mattie W. Henson, his wife.

#### LEASE FOR AN EXPERIMENT FIELD.

The secretary presented a letter from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, transmitting a lease from the Trustees of the Second Presbyterian Church of Bloomington, Ill., for four and four-tenths acres of land in McLean County, to be used for the purposes of agricultural experimentation; also a letter from Prof. L. H. Smith, Acting Head of the Department of Agronomy, in regard to this lease.

This lease, with the accompanying communications, was referred to the Committee on Agriculture, for consideration and report.

The board adjourned.

W. L. Abbott, President.

C. M. McConn, Secretary.

# Meeting of March 10, 1914.

The annual meeting of the Board of Trustees of the University of Illinois was called to meet in the Trustees' Room, at the University, in Urbana, at 10 A.M., on Tuesday, March 10, 1914.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson.

President James was present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

On motion of Mrs. Evans, the regular order of business was set aside and the board proceeded immediately to the consideration of the following matters presented by President James:

### REPORT ON THE SCARLET FEVER SITUATION.

(1) A report from the special committee of the faculty appointed to take charge of the scarlet fever situation:

The University has been much troubled during the past six weeks by an outbreak of scarlet fever. We handled the situation as best we could. I was compelled to authorize expenditures for which I had no authority. I have asked Dean Clark to prepare a statement covering our method of dealing with the situation which is becarity to expentited. tion which is herewith submitted:

### [DEAN CLARK'S LETTER.]

URBANA, ILL., March 9, 1914. President E. J. James, Natural History Building.

President E. J. James, Natural History Building.

Dear President James: In accordance with your request I am submitting to you this report on the scarlet fever situation here. On January 28 Mr. Paul Kimberlin, living in the Y. M. C. A., was taken to the Burnham Hospital suffering with what was supposed to be tonsilitis. He was put into the general students' ward at one o'clock in the afternoon, and a swab of his throat was taken and a bacteriological culture was made. This showed a negative reaction. His symptoms, however, developed so alarmingly that he was removed that evening to the isolation ward. A later culture distinctly showed scarlet fever. His case developed rapidly into a malignant type, and he died on February 2.

On January 29, Mr. Louis A. Abbott and Mr. G. Y. Fong, who had been in the students' ward for some time previous to Mr. Kimberlin's entrance, also developed symptoms of scarlet fever and were removed to the isolation ward, and on February 4 Mr. M. C. Merrils was taken from the general students' ward to the isolation ward.

Mr. J. L. Bollman, who had been in the general ward at the time that Mr.

Mr. J. L. Bollman, who had been in the general ward at the time that Mr. Kimberlin came in, was discharged on February 2 and he went to his home in Springfield, where he later developed a case of scarlet fever.

On February 10 Mr. Carl Raibourne of 104 North Romine Street, was taken to the hospital with scarlet fever. On February 14, Mr. S. F. Cater was taken from the Y. M. C. A. with the same disease, there being no indication that he had contracted the disease from Mr. Kimberlin. February 16, Mr. J. W. Wright, of 502 East John Street, was taken to the hospital. These men were all that the hospital could accommodate. Mr. Cater developed a malignant type of the fever and died on February 18. On the evening of the day of Mr. Cater's death, Mr. I. M. Cohen, from 806 South Gregory Street, Urbana, came down with the disease and was taken to the isolation ward. The ward was again full, and I knew that something would have to be done to make arrangements for taking care of other students, should there be any new cases.

With this situation in mind a conference was called in your office of the mayors and health officers of Champaign and Urbana to consider the general situation. It was quite evident from the discussion which occurred at that meeting that the cities of Champaign and Urbana had no intention of assuming any responsibility for the care of the students, should any more of them fall ill. We

Attending Destan

decided, therefore, that the University would have to take some action immediately, and we prepared to do so. We chose as an emergency hospital a small frame and stucco building which lies at the east end of the new parade ground, and which was used by the Department of Horticulture as an office and service building.

This building was thoroughly cleaned, and electrical cooking apparatus, borrowed from the electrical kitchen of the Department of Household Science, was installed on the south side of the building east of the corridor. Arrangements were made with Champaign firms to send to the building on an hour's notice such supplies as might be needed.

At eleven o'clock on February 23, I advised the Supervising Architect's office

Names of Patients

supplies as might be needed.

At eleven o'clock on February 23, I advised the Supervising Architect's office that it would be necessary to use this building for the purpose originally planned, and that a student would be sent there by one o'clock. Through the Supervising Architect's office instructions were issued to send a squad of men to the building to do any necessary electrical, plumbing, heating or cleaning work needed to put the building in first class condition. It was impressed upon the superintendent of buildings that these operations must be carried on with the greatest dispatch. We ordered that some necessary articles for the care and comfort of the inmates be sent at once to the building, and this was accomplished by twelve o'clock.

On account of the severe snow storm it was necessary to borrow two teams and a snow plow to clean Wright Street so as to permit the delivery of goods and the passage of the ambulance. The fire truck of the University was pressed into service as a delivery truck, and through the kindness of Miss Bevier and Miss Parsons a box of food supplies was obtained from the cafeteria, and dishes, knives, forks and spoons were taken from the south side of the Woman's Building. At one o'clock, when the first patient, Mr. Sam Bass, was brought to the building, almost everything had been arranged for the use of the place as an emergency hospital.

hosp<u>it</u>al.

The physicians and the nurses in attendance are unstinted in their praise of the care which has been exercised, and the completeness of the details that have been carried out. Much of the credit of this is due to Mr. H. D. Oberdorfer of the Supervising Architect's office, who has done everything possible to contribute to the success of the undertaking. Dr. J. H. Beard, also, rendered constant and valuable service.

During the last two weeks nine other students suffering from scarlet fever have been taken to the building, as shown in the accompanying table. This table also shows the attending doctors, the nurses, and the time of each person's arrival.

Date of Entrance

names of fatients.	Date of Entrance.	Attenuing Doctor.
Samuel Bass	.February 23	. Stanley.
Lucile Sleezer	.February 23	Stanley.
	.February 25	
A. Lowder	.February 25	. Schurtz.
James W. Thomas	.February 26	. Walls.
	. February 27	
	February 28	
	.March 1	
	.March 2	
C. S. Moss	.March 4	. Stanley.
Manney of Minney	The desired Assertance 1	The same and seems
names of nurses.	Date of Arrival.	Departure.
Miss Needham	.February 23	. February 25.
Miss Needham	.February 23	. February 25.
Miss Needham	.February 23 24	February 25.
Miss Needham	February 23	February 25.
Miss Needham	.February 23	February 25.
Miss Needham. Miss Hayden. Miss McKibbin. Miss Conover. Miss Roth. Miss Laing.	February 23 Midnight February 24 Morning February 25 Morning February 28 Midnight February 28 Midnight March 5	February 25.
Miss Needham. Miss Hayden. Miss McKibbin Miss Conover. Miss Roth. Miss Laing.  Guest.	February 23 Midnight February 24 Morning February 25 Morning February 28 Midnight February 28 Midnight March 5	. February 25.

### PATIENT AT 1208 SPRINGFIELD AVENUE.

Name of Patient.		Attending Doctor.
E. J. Parent	March 6	Stanley.
Name of Nurse.	Date of Arrival.	Departure.
Miss Davis	Midnight March 5	•

Arrangements were made with Mr. W. F. Murphy, John Street, Champaignfor groceries; with Mr. B. E. Spalding for drugs; with Harris and Mead for ice cream; with the University dairy for butter, cream, and milk; with Swannell's for newspapers; and with the University cafeteria for bread. Everybody concerned in the furnishing and delivering of supplies has put the needs of the hospital first. Only in this way has it been made the success that it is. Too much praise cannot be given to the superintendent of buildings and the University fire chief for their readiness to serve the people connected with this problem.

On March 2 it was found necessary to install a service pipe for hot water. Up to that time the nurses had been able to heat sufficient hot water with the electrical cooking apparatus, but the additional patients made the facilities inadequate. This service pipe and the necessary tank heater was installed on March 3. On March 5 gas connections and a gas stove were installed by Mr. G. B. Rice and Mr. J. A. Morrow. To permit this installation the Urbana and Champaign Railway, Gas and Electric Company sent a force of eight men to run the gas line from the horticultural field house to this building. This gas line and stove were installed in six hours.

On March 5, Mr. E. J. Parent, a sophomore in the University, was sent to the hospital with scarlet fever, but on account of erysipelas complications in his case, the head nurse, Miss Hayden, thought it unwise to let him enter. Burnham Hospital also, from which one of our patients had been discharged, refused to let him enter there. It became necessary, therefore, to provide other quarters cutside the building. A tent from the Armory and one from a local firm were secured and erected on the south side of the emergency hospital. Floors were built and lights installed. In the meantime, however, it had been thought wisest to open the house at 1208 West Springfield Avenue, Urbana, owned by the University, as a second emergency hospital. The tents were left and are now occupied by the nurses as sleeping quarters nurses as sleeping quarters.

On the morning of March 6, after looking over the house at 1208 West Springfield, a squad of men was set to work cleaning and scrubbing. Arrangements were made for turning on the city water, installing an electric meter, and connecting a Bell telephone. Coal, food supplies, kitchen utensils, beds and bedding were ordered and installed. A coal range was borrowed from the Department of Household Science, and was set up and connected with the hot water range that was in the house. At five o'clock Mr. Parent and his nurse were brought to

the house.

Throughout the entire time it has been the endeavor to act with as great economy as possible and yet make things as pleasant and convenient for the nurses as could be. On account of certain formalities necessary for the purchase of supplies from local firms by the University, these have so far been charged to Mr. Oberdorfer, of the Supervising Architect's office.

Mr. Oberdorfer, of the Supervising Architect's office.

At the meeting of the Council of Administration on February 24 a health committee, consisting of Vice-President David Kinley, Dean Eugene Davenport, and Dr. J. H. Beard, with myself as chairman, was appointed to take charge of matters. It seemed wisest to us to dismiss all general University exercises for the time being, and to ask students to omit their social functions for two weeks, and this was done. The general exercises in Military and Physical Training and all other large classes were also discontinued. Under the direction of Dr. Beard the following rooms and buildings were fumigated:

Agricultural Building—Morrow Hall, rooms 701 and 702.

Commerce Building—Rooms 100 and 208.

University Hall—The Chapel.

Mechanical Engineering Laboratory—Room 109.

Engineering Building—Four architectural drawing rooms—top floor (one done twice), room 319, library.

Physics Building—Rooms 112, 212, 312, 100, 119 (twice), and 123.

Chemistry Building—Room 100.

Natural History Building—Room 228, Dean Clark's offices, registrar's offices, and business offices.

and business offices.

Transportation Building—Four drawing rooms.

Gymnasium. Woodshop—East room, west room. Main Library—Order-room, catalog room, two large reading rooms, and rotunda.

Main Library—Order-room, cacalog rotunda.

Law Building—Library.

The total air space of these buildings aggregates about 2,000,000 cubic feet. In addition to this general fumigation which seemed necessary because of the number of students who were taken ill in classes, the library of the University has taken extra precaution. Every book returned to the University has been treated as a suspect: All the books returned are placed one-half opened on the shelves of a small closet in the Library Building. Each afternoon this closet is closed, sealed, and the books thoroughly fumigated. This precaution will be continued as long as the health officers of the University think it wise to do so.

Because of the fact that the local business men did not keep a supply of disinfectants on hand, it was necessary for the University to order pretty largely. The sum of \$728.30 was spent on disinfectants and drugs which were bought for fumigating purposes; \$10.50 worth of doctor's thermometers were borrowed from Swannell's Drug Store for the use of Dr. Beard, and these will be returned.

There have been no new cases for several days, and I believe that the situation is well in hand. I cannot praise too highly the services which were rendered by the various offices and individuals upon whom it has been necessary to call in the carrying out of this work. Practically all of the students who went home or were called home because of the excitement have returned, and I believe the University exercises may all be resumed this week with safety.

Very truly yours,

Thomas Arkle Clark,

Dean of Men.

Dean of Men.

On motion of Mr. Trevett, the action of the committee was approved and the administration of the University was commended for its prompt and efficient action in the matter.

### EXTRA COMPENSATION FOR DR. BEARD.

(2) A recommendation that the sum of five hundred dollars (\$500) be paid to Dr. J. H. Beard, Instructor in Physiology, for extra work in connection with the care of students and the fumigation of University buildings during and after the run of scarlet fever.

On motion of Mrs. Henrotin, the recommendation was approved and the sum of five hundred dollars ordered paid to Dr. Beard. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent. Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### EDUCATIONAL SURVEY OF ILLINOIS.

(3) A communication from Professor W. C. Bagley, Director of the School of Education, relating to an educational survey of Illinois.

URBANA, ILL., February 18, 1914.

President Edmund Janes James, Natural History Building.

President Edmund Janes James, Natural History Building.

Dear President James: An educational survey of Illinois has been planned by a commission appointed by State Superintendent Blair at the request of the State Teachers' Association. The commission was made up of Mr. Blair, Mrs. Ella Flagg Young, Superintendent H. S. Magill, President David Felmley, President H. W. Shryock, President W. E. Morgan, Principal Hogge, President of the Principal's Club of Chicago, and representatives of Chicago, Northwestern, and Illinois Universities. The plan of the survey is comprehensive and contemplates an investigation, ultimately, of all phases of public school work in the State. It will, however, be limited at the outset to some very definite matters having reference to immediate needs: for example, vocational education, teachers' compensation, and matters of a similar type.

At a meeting of the commission held in Springfield last Saturday, an Executive Committee was appointed to take charge of the survey and the School of Education of the University of Illinois is represented on this committee by Professor L. D. Coffman, who, at the suggestion of Mrs. Young, was designated as director of the survey.

The work that this involves, while heavy, is directly in the line of Dr. Coffman's work at the University. The survey will furnish a vast amount of material which can be worked over by graduate students who are specializing in educational administration. In view of this fact I believe that Dr. Coffman can direct this work without seriously interfering with his other University duties. The problem is so closely related to the welfare of education in the State that the University would, I believe, be thoroughly justified in permitting him to undertake this responsibility.

The survey will be financed in part by funds from the treasury of the State

University would, I believe, be thoroughly justified in permitting him to undertake this responsibility.

The survey will be financed in part by funds from the treasury of the State Teachers' Association, in part by voluntary contributions from other teachers' organizations and in part by contributions from the institutions cooperating. In view of the very great value of the material that will be collected to our graduate students, I suggest the advisability of asking for an appropriation of \$1,000 to be used by members of the Department of Education in doing their share of this survey work.

Respectfully yours, W. C. BAGLEY, Director, School of Education.

On the recommendation of President James and on motion of Superintendent Blair, Professor Coffman was authorized to accept the directorship of this survey and the sum of one thousand dollars was appropriated to the School of Education towards the support of the work during the academic year 1914-15, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson;

### ORCHESTRAL CONCERTS.

noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

(4) The following statement concerning the orchestral concerts:

The board authorized the President of the University to arrange for a series of orchestral concerts during the present academic year, and made an appropriation of \$5,000 for the expense of these concerts. Arrangements were made for a series of eight concerts by four orchestras. Season tickets were sold for \$2. The total receipts for the sale of these tickets and tickets at the door, up to March 1, 1914, amounted to \$3,846.50. There are still two concerts, for which a few tickets will be sold at the door, amounting probably to fifty or a hundred dollars. The total income from sale of tickets will probably exceed \$3,900, so that the net expense to the University for the eight concerts is between a thousand and eleven hundred dollars.

A desire has been expressed by the Director of the School of Music, strongly

A desire has been expressed by the Director of the School of Music, strongly endorsed by general University sentiment, that a similar series be arranged for

the coming year.

On the recommendation of President James and on motion of Mrs. Busey, the President of the University was authorized to proceed with the arrangement for the series of orchestral concerts for next year and the sum of five thousand dollars was appropriated therefor. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### RESOLUTIONS, STATE HIGHWAY COMMISSION.

(5) Resolutions from the State Highway Commission thanking the University for establishing the short course in highway engineering.

These resolutions were received and ordered to be placed on file.

### APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY.

(6) A letter from Professor M. H. Robinson, Secretary of the University Committee on Accountancy, stating that Mr. Arthur Young had declined the appointment, tendered him by the board at the last meeting, as a member of the Board of Examiners of Public Accountants, and recommending that Mr. Peter White, the Chicago manager of Haskins and Sells, be appointed in Mr. Youngs' stead.

On the recommendation of President James and on motion of Mrs. Evans, this appointment was made.

### LEASE OF PHARMACY BUILDING.

(7) A letter from Professor George E. Frazer, Comptroller, concerning the lease for the building occupied by the School of Pharmacy.

President Edmund J. James, University of Illinois.

President Edmund J. James, University of Illinois.

Dear Sir: Acting under the authority granted by the Board of Trustees at their meeting on January 21, 1914 (page 698, minutes of the Board of Trustees, January 21, 1914), I have obtained a lease on the present quarters occupied by the School of Pharmacy for one year, from May 1, 1914, to May 1, 1915. The owners of the building at Twelfth Street and Michigan Avenue, Chicago, Messrs. Ruddock and Rhodes, have refused to give the University an option for a further renewal of this lease for one year from May 1, 1915. I understand that the refusal to give the option is based on the present intention of the owners to tear down the present building some time in the year 1915.

A copy of the lease has been approved by the Legal Counsel of the University. Very truly yours, George E. Frazer.

This letter was received to be printed in the minutes.

### EXTRA VACATION FOR THE BURSAR.

(8) A request from the comptroller that Mr. O. E. Staples, Bursar, be given leave of absence for two months during the coming summer. It appears that Mr. Staples has been in the continuous employ of the University for fourteen years. He has had two weeks vacation each year.

On the recommendation of President James and on motion of Mrs.

Evans, the President of the University was given authority to grant this

leave of absence.

# ORDINANCE VACATING AN ALLEY ON SITE OF EDUCATION BUILDING.

(9) A letter from the Supervising Architect and a copy of the ordinance of the city of Urbana vacating that part of the alley that runs through the land on which it is proposed to erect the School of Education Building.

which it is proposed to erect the URBANA, IDLA,

President Edmund J. James, University of Illinois.

Dear Sir: We are enclosing a copy of an ordinance that was accepted by the council of the city of Urbana at their monthly meeting on March 2. You will note that in section 3 it is stated that cast iron bell and spigot pipe should be installed whenever ordered so to do by the city engineer of the city of Urbana. It will be necessary to use this class of pipe only under the building and it may be so interpreted by the city engineer. A blue print of the plat shows that portion of the alley which is vacated and that portion for which the Board of Trustees will have to make a deed to the city.

Yours truly,

James M. Weilte, Supervising Architect.

By H. D. Oberdorfer.

AN ORDINANCE TO VACATE A PART OF AN ALLEY EXTENDING THROUGH BLOCK FIFTY-FIVE, SEMINARY ADDITION TO THE CITY OF URBANA, ILL., AND ALTER THE COURSE OF SAID ALLEY.

Whereas, The Board of Trustees of the University of Illinois, the owner in fee of lots five, six, seven, eight, and nine, in block fifty-five, Seminary Addition to the city of Urbana, desires to construct a building for its School of Education

that will occupy a great part of said lots five, six, seven, and eight, and the alley-way adjoining lots five and six on the south and lots seven and eight on the north and proposes in consideration of the portion of the alley so desired being vacated, that it will, for public use, dedicate, grant, and convey to the city of Urbana from the west side of lot eight and the east side of lot nine a strip of ground equal in width to said alley running from the north line of lots eight and nine to the south lines of the same and to their intersection with Springfield

nine to the south lines of the same and to their intersection with Springfield Avenue.

Section 1. Be it ordained by the city council of the city of Urbana, That to enable the Board of Trustees of the University of Illinois to construct a building for its School of Education on lots five, six, seven, and eight, in block fifty-five, Seminary Addition to the city of Urbana, all that portion of the alley which traverses said block from east to west for the distance of one hundred and thirtytwo feet immediately east from Mathews Avenue be vacated, and that the course of said alley be changed so as to turn south from the east end of the one hundred and thirty--two feet so vacated and extend south with a uniform width of sixteen and one-half feet to the north line of Springfield Avenue.

Sec. 2. The vacation of said alley for the one hundred and thirty-two feet as described in section one shall in no wise and to no extent become effective until the Board of Trustees of the University of Illinois shall by proper deed of conveyance grant and convey to the city of Urbana for the use of the public as an alley-way a strip of ground from the east side of lot eight and the west side of lot nine in said block fifty-five of the uniform width of sixteen and one-half feet and extending from the north line of said lots to Springfield Avenue and shall grade and improve such strip from its point of intersection with Springfield Avenue to the present alley with proper curve so as to put the same in condition equal to that of the present alley.

Sec. 3. The Board of Trustees of the University of Illinois is required and agrees that it will replace that portion of the sanitary sewer running through the alley-way mentioned, which is to be vacated, with a cast iron bell and spigot pipe, with joints properly caulked with lead and oakum for the whole distance of 132 feet, whenever ordered so to do by the city engineer of the city of Urbana.

On the recommendation of President James, it was voted to print this

On the recommendation of President James, it was voted to print this ordinance in the minutes. Mr. Trevett suggested that the matter of the title to the alley be referred to the Legal Counsel of the University for investigation.

### LOCOMOTIVE TESTING LABORATORY.

(10) A letter concerning the running of the Locomotive Testing Laboratory. URBANA, ILL., March 5, 1914.

Mr. Edmund J. James, President University of Illinois, Urbana, Ill.

Mr. Edmund J. James, President University of Limbers, Closics, Limbers, Dear Sire: We respectfully call your attention to the fact that the smoke, noise, vibration caused by the running of the locomotive in the Testing Laboratory are an annoyance to the citizens who live nearby. We ask you, therefore, to use your influence toward having this condition remedied in so far as is possible.

Very respectfully,

H A MILLER.

H. A. MILLER,
C. W. YAPP,
J. C. WHITE,
J. B. BENNETT,
MRS. J. M. DUNSETH.

On the recommendation of President James, it was ordered that the receipt of the petition be acknowledged and that steps be taken to make the use of the Laboratory as inoffensive as possible.

### IMPORT ORDER, BOTANY AND BACTERIOLOGY.

(11) A request from Professor William Trelease, Head of the Department of Botany, for permission to place an import order to the amount of \$2,100 for the purchase of glassware, chemicals, apparatus, microscopes, etc., for the Departments of Botany and Bacteriology.

On the recommendation of President James and on motion of Superintendent Blair, the desired authority was given and the appropriation involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### PETITION OF DR. A. G. FAIRFAX.

of Chicago, petitioning for admission (12) A letter from Dr. A. G. Fairfax, to the senior class of the College of Medicine.

The discussion of this petition was deferred until the arrival of Dr. Montgomery (see page 730).

### REPORT OF COMMITTEE ON THE LIBRARY.

Mrs. Busey presented the following report of the Committee on the

Your committee has held several meetings to consider the question of the necessity of a new library building, and the desirable location for the same. Your committee has considered the recommendation which have been made by the President of the University at various times during the past two years, by the University Senate, and by the Committee of the University Senate on the Library.

We beg to report that it is the opinion of the committee:

1. That the need for a new University Library Building is most pressing.

2. That the University should proceed as rapidly as possible with the planning and erection of a building which shall be adequate to the library needs of a great University.

great University.

3. That the only satisfactory site, giving adequate space, is the one recommended by the Supervising Architect, and endorsed by Mr. Blackall and the former State Architect, Mr. Zimmerman; namely, the land at the south end of Wright Street, with a building having its north and south axis on the center line of Wright Street prolonged and its east and west axis on the prolongation of the east and Street, with a building having its north and south axis on the center line of wright Street prolonged, and its east and west axis on the prolongation of the east and west axis of the new Armory, and that a space be reserved here sufficient for a building five hundred feet long by four hundred feet wide, with suitable approaches for the same.

4. That a Supervising Architect be requested to prepare and submit plans for such a building for the consideration of the Board of Trustees.

MARY E. BUSEY, LAURA B. EVANS, FLORENCE WATSON Committee.

On motion of Mrs. Henrotin, this report was accepted.

### REPORT OF COMMITTEE ON BUILDINGS AND GROUNDS.

The Committee on Buildings and Grounds presented the following report:

A meeting of the Buildings and Grounds Committee was held in the Woman's Building at the University on Wednesday, January 28, 1914.

Present: Mrs. Evans, Mrs. Busey, Mr. Moore, Mr. Hoit, and Mr. Abbott.

The chairman called up the matter of approving the architect's plans for the School of Education Building, which had been referred to the committee with power to act.

At the last meeting of the Board of Trustees, when these plans were presented, one member inquired of the architect whether the building proposed would be a model high school building, and, as the architect was unable to answer this question, action on it was deferred. The Buildings and Grounds Committee were directed to investigate and approve the plans if they found them satisfactory.

A letter from the member of the board who raised the question was read to the committee, in which this member stated that he had received further information which convinced him that the plans were in every respect satisfactory, whereupon the committee voted to approve the plans.

The committee discussed the paving of Burrill Avenue and received some information and advice on the subject from Mr. Johnson, Engineer of the State Highway Commission, who was present. After discussion it appeared that the kind of paving best suited for Burrill Avenue would depend upon whether the avenue was to be used as a driveway or merely for pedestrians. It was, therefore, voted to request the Supervising Architect to prepare a statement showing what kind of pavment should be laid down for each kind of traffic and an estimate of the cost of each.

The committee adjourned.

W. L. Abbort,

W. L. ABBOTT, Chairman, Buildings and Grounds Committee.

On motion of Mrs. Evans, this report was accepted. A recess was taken, for luncheon, until 1:30 P.M.

### AFTERNOON SESSION, MARCH 10, 1914.

When the board convened at 1:30 P.M., the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson.
President James was present, and, also, during a part of the afternoon,

Prof. James M. White, Supervising Architect.

The regular order of business, which had been set aside during the morning session, was taken up.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the meeting of January 21, 1914. After discussion, these minutes were approved in amended form, as printed above, pages 688-718.

### ELECTION OF PRESIDENT OF THE BOARD.

The secretary took the chair and called for nomination for the office of President of the Board of Trustees for the ensuing year.

Mr. Hoit nominated Mr. W. L. Abbott.

On motion of Mr. Trevett, the secretary cast the unanimous ballot of the members present for Mr. Abbott; this being done, Mr. Abbott was declared elected and resumed the chair.

### ELECTION OF SECRETARY.

Mr. H. E. Cunningham was elected Secretary of the Board of Trustees for the period of one year.

### ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.

The president next called for nominations for two members of the Executive Committee, to constitute with the President of the Board the Executive Committee for the ensuing year.

On motion of Superintendent Blair, Mr. Moore and Mr. Trevett were nominated to serve on the Executive Committee for next year. The nominations were closed, and the secretary was instructed to cast the unanimous ballot of the members present for Mr. Moore and Mr. Trevett; this being done, Messrs. Moore and Trevett were declared elected.

### BOND OF THE BURSAR.

On motion of Mr. Hoit, the bond of the bursar, Mr. O. E. Staples, was fixed at \$20,000, and it was ordered that the cost of the same should be paid by the University. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Mr. Hoit, the Finance Committee was instructed to secure a satisfactory bond, as specified above, and to report the same to the board for approval.

### RESOLUTIONS FROM VARIOUS ORGANIZATIONS.

Superintendent Blair presented by title various resolutions from the following organizations: The Alumni of the College of Medicine; The Ministers of Champaign and Urbana; The University Senate; The Council of Administration; The Instructors and Assistants on one-year appointments; The State Farmers' Institute; The Alumnae Association of Chicago.

During the presentation of these resolutions, President James withdrew. Superintendent Blair moved that the resolutions named above be incorporated in the minutes.

Dr. Montgomery moved as a substitute that the resolutions be laid on the table without discussion. The substitute was lost by a tie vote.

Mr. Moore moved as a substitute that the resolutions be received and placed on file. After discussion, the roll was called, and the substitute motion was declared lost by the following tie vote: Ayes, Mrs. Busey, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit; absent, Mr. Dunne, Mr. Meeker.

The original motion was then called for, and, after discussion, the vote was taken, resulting in a tie, and the motion was declared lost. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin,

Mr. Hoit; noes, Mrs. Busey, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Dunne, Mr. Meeker.

### LETTER FROM GOVERNOR DUNNE.

Superintendent Blair presented the following letter from Gov. E. F. Dunne to President James:

March 7, 1914.

Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.

Dear Dr. James: Yours of the 6th instant is before me. Before receiving notice of the meeting, I had promised to attend the celebration of the centenary of the creation of Belleville as the county seat of St. Clair County, and have made all arrangements to be present and deliver an address at that celebration.

It gives me much pleasure to know that the teaching faculty of the University has shown with such practical unanimity their confidence in your administration of the responsible position of President of the University of Illinois.

Every citizen of this State, including myself, as intensely interested in the continued success of this great University, and it is my earnest hope and desire that all personal considerations and ties of preference among the trustees should give way to the great object of making our University the greatest State University in the United States.

Politics must not enter into consideration in the management of the University.

In the United States.

Politics must not enter into consideration in the management of the University, and whatever may be our affiliation with political parties, they should be forgotten in the execution of our business as trustees of the University.

In reference to yourself, as I have heretofore publicly stated, I believe you to be a most efficient and competent executive and educator. Under your administration, the University has developed in the most wonderful manner, and in my judgment, the State University is fortunate in possessing such an able and forceful executive at its head. at its head. executive

Kindly present to the Board of Trustees my regrets at being unable to be

Wishing you and the University continued success, I am

Very truly yours,

On motion, it was voted unanimously that this letter be received for record and printed in the minutes.

### BUILDING PLANS.

At this point President James and Prof. James M. White, Supervising Architect, joined the board, and Professor White presented the following report on the status of the plans for new buildings:

### ENDS OF ARMORY,

1. The contract for the completion of the ends of the Armory, which was let by order of the board to Mr. N. H. Shields, on the basis of completion September 1, 1914, has been properly signed.

### LIBRARY STACK ROOM.

2. Bids were received on March 7, 1914, for the completion of the addition to the Library in accordance with plans and specifications prepared by the Supervising Architect. A summary of the bids is submitted herewith.

I recommend that contracts be awarded as follows:

General contract on the basis of completion by September 1, 1914, to A. W. Stoolman, the low bidder, for \$11,172.

The contract for the book stacks to the Snead & Company Iron Works of Jersey City, New Jersey, (who are the low bidders) for the sum of \$7,208, on the basis of open design and shelf supports and 6-inch steel plate book supports. Professor Windsor concurs in recommending this award.

It is impossible to obtain any competition on the stone work for the building as there is only one quarry from which the stone can be obtained. The stone work was not put in the general contract because it seemed best for the University to assume the risk due to the uncertainty of the possibility of tearing down the present structure without damage to the stone work.

I recommend that the proposition from the Kettle River Company of \$3,888 be accepted. It is a very reasonable figure.

The total of these bids is \$22,268. The estimated cost of this addition was \$27,000, and that amount was included in the building budget for this biennium. In our estimate, however, we included, in addition to the work included in the above contracts, a new elevator, a vacuum cleaner, the heating and lighting, and the cost of plans, specifications, and the necessary walks and grading, which will bring the cost up to just about the amount of the estimate. Since these remaining contracts will all be minor ones with no questions of policy involved, I request the board to authorize me to award the remaining contracts necessary for the completion of the work with the understanding that the original estimate of \$27,000 shall not be exceeded. \$27,000 shall not be exceeded.

### BIDS ON ADDITION TO LIBRARY GENERAL CONTRACT.

	Completion	Extra per	Extra per
<u>.</u>	of	Cu. Yd.	Cu. Yd.
Contractor	work.	of Exca.	of concrete.
John B. Bennett	\$13,832 00	\$1 00	\$800
English Brothers	11,700 00	1 00	6 75
Freeman & Brooks	11,386 00	1 00	12 15
A. W. Stoolman	11,172 00	1 00	7 83

### BOOK STACKS.

Contractor.	present building.	7,419 00 standard Stacks in addition to building.
Snead & Co.	•	\$7,208 00 open end 7,343 00 closed end
Art Metal Const. Co Library Bureau		8,890 00 6,730 00 tube const. 7,419 00 standard

### STONE WORK.

Stone F.O.B. Champaign,	Kettle River	Co	\$3,888 00

### SUMMARY.

General contract Stone	\$11,172	00
Stone	3,888	00
Book stacks	7,208	00

\$22,268 00

On the recommendation of President James and on motion of Mrs. Henrotin, contracts were awarded, as recommended by the supervising architect, to A. W. Stoolman, for the masonry, at \$11,172; to Snead & Co. Iron Works, for the book stacks, at \$7,208; and to the Kettle River Co., for the stone work, at \$3,888; and the supervising architect was authorized to sign minor supplementary contracts within the total appropriation of \$27,000. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

### ADDITION TO THE POWER HOUSE.

3. Bids were received on March 7, 1914, for the completion of the addition to the Power House in accordance with plans and specifications prepared by the Supervising Architect, and a summary of the bids is submitted herewith.

I recommend that the contract be awarded to Freeman and Brooks, the low bidders, on the basis of their bid of \$10,655, and completion by September 1, 1914. The original estimate upon this addition to the Boiler House and the equipment proposed therein was \$44,880. The award of the contracts for equipment should be made from time to time during the next three months. There may be a dozen contracts involved. The equipment includes the following: Two 500 horsepower boilers; coal and ash conveyers; stokers, pumps and piping, track scales, track work, etc.

The detailed information which we have at this time shows that the pre-liminary estimate was very close. The full sum of \$44,880 should be appropriated for this work. To facilitate the purchase of equipment I recommend that the Committee on Buildings and Grounds be given power to award the various contracts involved.

### BIDS ON ADDITION TO POWER PLANT.

	Completion	Extra per Cu. Yd.	Extra per Cu. Yd.
	OI		Cu. ra.
Contractor.	work.	of Exca.	of concrete.
A. W. Stoolman	\$11,762 00	<b>\$1</b> 00	\$ 7 83
English Brothers	12,700 00	1 00	6 25
Freeman & Brooks	10.655 00	2 50	$12 \ 15$

On motion of Mr. Hoit, the contract for the addition to the boiler-house was awarded to Freeman & Brooks for \$10,655. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Superintendent Blair, the sum of \$33,150 was appropriated for the purchase of equipment for the boiler-house by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Money, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Mr. Trevett, the purchase of the above equipment was referred to the Committee on Buildings and Grounds, with power to act.

### OTHER BUILDINGS.

4. Storehouse.—Nothing has yet been done in preparing these plans.5. Observatory.—The specifications are almost ready to call for bids for the

erection of the Observatory.

6. Administration Building.—Plans have been in the hands of the State

Architect for nearly three weeks.

7. School of Education Building.—The plans were sent to the State Architect on Saturday, March 7.

8. Addition to the Chemical Laboratory.—Plans have been returned from the State Architect to the office of the Supervising Architect for final checking up, before calling for bids.

During the presentation of the statement by the supervising architect, President Abbott was absent from the room for a short time, and Superintendent Blair took the chair.

### STORAGE OF COAL.

The supervising architect reported also that the plan for the storage of coal on the land purchased for the College of Engineering had been found infeasible, because of the impossibility of obtaining the steel-work for the switch, and that the coal had been stored on the Conkle lots.

### CERAMICS BUILDING.

The supervising architect presented plans for a building to be located on Goodwin Avenue and to be used ultimately by the Department of Ceramics.

This building, to cost about \$120,000 furnished, would be about as large as the completed Transportation Building. For the present, it would house parts of the work in ceramics, mining, municipal and sanitary engineering, and the State Geological Survey. The building cannot be completed during the present biennium, but construction can be put under way and considerable progress made.

On the recommendation of President James and on motion of Dr. Montgomery, the plans for the Ceramics Building were approved and the State Architect was authorized to proceed with the preparation of complete detailed plans.

### WOMEN'S RESIDENCE HALL.

President James called the attention of the board to the matter of the site for the Women's Residence Hall, and Mrs. Evans, Chairman of the Committee on Students' Welfare, made an informal report. After some discussion, the Finance Committee was instructed to bring in recommendations concerning a site at the next meeting of the board.

### SUIT OF MISS MARIE SEEBACH.

The secretary reported that he had been served with a summons addressed to the board in the suit of Miss Marie Seebach, a former student of the University, who was dropped for poor scholarship. This suit is an action for trespass asking damages in the amount of \$10,000.

The matter was ordered referred to Judge O. A. Harker, Legal Counsel of the University, for consideration and report.

### MATTERS PRESENTED BY PRESIDENT JAMES.

The following matters were presented by the President of the University:

### PETITION OF DR. A. G. FAIRFAX.

(1) The petition of Dr. A. G. Fairfax, which was laid over from the morning session [page 724].

The President of the University was instructed to inform Dr. Fairfax that the matter was in the hands of the faculty of the College of Medicine.

### LEAVE OF ABSENCE FOR DR. KINLEY.

(2) A request from Vice-President David Kinley for a leave of absence from May 1 to October 10, 1914, for a trip to South America and Europe in the interests of international peace, on the invitation of the Cargenie Foundation for the Promotion of International Peace.

On the recommendation of President James and on motion of Mrs. Busey, the President of the University was authorized to give Dr. Kinley leave of absence from May 1, 1914, to October 10, 1914, provided Dr. Kinley's work can be properly cared for during that time.

# PURCHASE OF FORBES PROPERTY AS SITE FOR BOTANY AND ZOOLOGY LABORATORIES.

(3) The departments of botany and zoölogy have urged very insistently for some years past the necessity of erecting some additional laboratories in the form of hothouses; the one as a vivarium for the Department of Zoölogy, and the other as a Plant Laboratory for the Department of Botany. The requests for appropriations for these buildings were approved by the board and put in the bill submitted to the last General Assembly. General plans of these buildings have already been approved by the board. We have not been able to find, up to the present time, any suitable site for these laboratories. It is desirable to have them as near both the Natural History Building and the power plant of the University as possible. After careful examination, the departments concerned and the Supervising Architect join in a recommendation that the two lots immediately east of Matthews Avenue, between Springfield Avenue and the interurban right-of-way, with the house thereon, now owned by Professor Forbes, be acquired for this purpose. purpose.

I recommend that the University acquire this property for this purpose; that the question of the value of the property be referred to a special committee; that if the committee finds the value is equal to \$10,000, they be authorized to offer that price to Professor Forbes for the property, that if it be less than that and Professor Forbes will not accept less, the Counsel of the University be instructed to initiate condemnation proceedings for the acquisition of the property.

On motion of Mrs. Evans, it was voted that the board acquire the two lots and the house belonging to Dr. Forbes. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery. Mr. Moore, Mr. Trevett, Miss Watson; noes, none; present but not voting, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

The matter of the price to be paid for Professor Forbes' property was

referred to the Finance Committee for consideration and report.

### COMMERCIAL ACTIVITIES OF THE UNIVERSITY.

(4) A memorandum from Dr. Eugene Davenport, Dean of the College of culture, stating the reasons for commercial activity in certain departments of Agriculture. the University.

On the recommendation of President James and on motion of Mrs. Henrotin, the memorandum was received and ordered to be printed in the minutes:

### [MEMORANDUM.]

This University, like other institutions of its kind, is severely criticized from time to time by local business men and women for engaging in commercial activities, the contention being that the business belongs to the regular dealer who cannot compete and should not be forced to compete with State institutions supported by taxes which he himself has helped to pay.

If the institution should give away its products or even sell them at prices distinctly below the market rate, the force of this contention would be unquestioned. The objection would be equally well sustained if the University should engage in business for the primary purpose of making money, because its funds come through

appropriations; or of serving the public, because an institutional community, like any other, should serve itself in the usual ways, though the University cannot be criticized for doing what it may to improve the living conditions of the students, which at best are none too good.

which at best are none too good.

Because of the frequency and bitterness of this criticism in all localities of our kind, it seems well that I should lay before you the reasons that compel many agricultural departments to engage in commercial activity at certain points, first of all remarking that for two internal reasons these activities are always kept at the minimum consistent with serving their purpose. First, we are not and cannot afford to be organized for commercial work; and second, because at best the net result of commercial enterprises in any educational organization is a money loss to the interest involved.

What then are the conditions that force such activities are always the conditions.

What then are the conditions that force such activities upon departments? In general, commercial dealings on the part of departments of the University arise naturally and inevitably in the course of conducting their regular work either of experimentation or instruction. To show how this can be, I will mention specific

instances.

### DISPOSAL OF CROPS.

Besides its home grounds, the University is operating some forty experimental fields in different parts of the State. On all these fields crops are grown. Manifestly in the interest of the taxpayers the crops should be disposed of and the income turned back into the work for which the department is organized. To destroy these crops simply because they belong to the State and might in an infinitesimal way affect the market values is too puerile to deserve attention.

The product of an experimental orchard may or may not be in the same category. If the question involved is simply one of yield, the crop should be put upon the market like corn, wheat, oats, or any other crop. If, however, the experiment involves a considerable handling of individual apples, it may very well be that it will cost more to market the damaged stock than all the income that could be realized; in this case it is clearly the best policy to leave the crop rotting on the ground. In this way some wagon loads of excellent canteloupes have been buried in pits after being cut open and sampled, the only other possible disposal being to give them away to the poor or to the children of the street. Two objections would arise to this: one, the objection of the dealer; the other, and the more serious one, the interference with our regular work.

The same principles here sketched apply to the product of gardens as well as of fields and orchards and the practice is the same; namely, to pursue the course which will achieve the purpose of the department and, when that purpose is achieved, dispose of the product the way that will result in the minimum loss.

### LIVE STOCK.

Any institution of our kind must keep flocks and herds both for instruction and for experimentation. These flocks and herds if kept under normal conditions, as they should be, will of course increase. What should be done with the increase? It is criminally foolish to destroy it. In the early days the colleges used to pride themselves upon this produce of their herds, many times holding public sales in order to avoid the criticism of possible favoritism in the disposal to private parties. This, however, resulted in bitter complaints when one of these sales chanced to come but a few days in advance of a similar sale advertised by a private breeder. The result has been that for many years all live stock from institutions of this kind has been disposed of at private sales and upon terms identical with those of the private dealers. Long ago the colleges, forced into a corner at this point, demanded the right to dispose of their products in one way or the other. They have taken the least conspicuous way and public opinion has forced the breeders to acknowledge their rights, so that this point is no longer contended by anybody; indeed, a few institutions have re-established the public sale. sale.

### BUTTER.

Dairy herds will produce milk which must be fed, worked up, or poured into the sewers. As a matter of practice, it is either sold as commercial milk or made into butter. The latter course is necessary wherever the institution offers instruction in butter making, as is the case in most instances, for students cannot be taught butter-making without making butter any more than they can be taught chemistry without laboratories. As the students have increased in number it has been necessary to purchase milk, for no college herd is large enough to produce the amount needed for the large classes of the present day.

When the butter is made, the question arises as to its disposal. May it be sold in the community which produces the milk, or must it be secretly disposed of in a distant market in order to avoid criticism? Clearly the college is well within its rights when it insists upon disposing of this butter in such a way as will best serve the purpose of instruction and result in the least loss to the institution, for all courses of this kind are expensive and are bound at the best to result in financial loss. In general, the practice has settled down to disposing of this product in the local markets with more or less complications due to jealousies between individual dealers. A strange trait in human nature comes to the surface at this juncture in that the college product is nearly always held to be inferior to the commercial product and yet, as experience shows, the dealers are extremely anxious to get it. anxious to get it.

In connection with the disposition of butter there generally arises the question of the retail business. It has almost invariably resulted in the institution conducting a small retail business at the usual retail prices. However, this has been mainly in response to the demand of the public outside and in general without the desire o fthe department. It arises in this way: Professor Jones or Mayor Smith very much desire University butter. It is not handled by his grocer, and thereupon his family prefers to send or to go direct to the institution for the sake of getting the product, in which case it has commonly been the practice to let them have it, all of which affords a good example of the fact that within the community the dealers and the consuming public are often at opposites.

### MILK.

Manifestly the handling of cheese and ice cream would follow the same lines as those developed in the butter business, but when the institution is conducting investigations in a city milk trade or giving courses of instruction in city milk supply, an additional element enters the field, namely, the method of sale as well as the manufacture of the product. Butter is commonly sold like any other standard commodity, passing from the manufacturers to the retailers through the wholesale trade and sold in wrappers. Milk, on the other hand, is extremely perishable, and its successful handling depends as much upon the methods of transportation and distribution as upon the way in which the initial product is manufactured. It therefore becomes necessary in conducting instruction and experiments of this kind, to actually handle the product through serving the community by a milk route. This invariably gives rise to opposition among local milk men. For example, in our own institution many years ago, we began, as a matter of experimentation, the delivery of milk in bottles, ours being the first bottled milk in Illinois. This was long before such a thing as certified milk was known. The local milk men were at that time peddling from market wagons or old buggies. The milk was kept in cans and dipped or poured into the customer's pitcher or crock. The dealers objected strenously to our bottles and our painted wagons and undertook by every device which they could invent to prevent the University from going on with its experiment. The final result was of course, new standards of commercial milk and the imitation of our methods with more or less success on the part of the dealers. From time to time, however, there has arisen the objection that we were interfering with local business, though we have always limited the amount to the capacity of a single wagon, which is really an unprofitable minimum. The present flurry among milk men is due to the fact that Dr. Harding has undertaken to reduce our losses by making two trips with on

### DISPOSAL OF FLOWERS.

With the development of the floricultural interests of the University there inevitably arose the question of the disposal of the flowers. In this case the opposition to the University procedure took the form of an attempt on the part of the local dealers to induce the State Florists' Association to pass resolutions condemning the University for selling stock locally. As usual, the argument was based upon the assertion that our stock was inferior, thus tending to destroy local standards. Upon this point, as in other similar instances, the opinion of the public will be found at variance with that of the dealers; indeed, the real fact was that the quality of the flowers produced by the University had tended, as in the case of milk, to set new standards in the public mind.

The Department of Horticulture has never put its flowers upon the open market, not because of this objection, but because it has never felt that it was justified in the expense of selling its stock other than wholesale. Again, speaking for the general interest, I should certainly reserve the right to dispose of the flowers of the University greenhouses, necessarily produced in the course of instruction and experimentation, in such a way as seems best to promote the floricultural interests of the University, financially as well as otherwise. It is perfectly easy to see that conditions may one day arise when the growth of numbers in the floricultural classes will make it in every way desirable, if not necessary, that the University flowers should be put on the retail market.

### CAFETERIA.

With the expansion of the Department of Household Science, covering many lines of food and its preparation, the demand arose for instruction in lunchroom management. This was a perfectly natural demand in view of the rapid increase of cafeterias in connection with Christian Associations, high schools, et cetera. It is impossible to give valuable instruction in lunchroom management which would enable the students successfully to conduct such enterprises unless the department should actually have in operation a living cafeteria. Here again, as in the case of milk, the point of instruction was not simply the preparation of the product, but its final disposition; that is to say, there is as much in the outfitting and operation of the eating-room as in the installation and operation of the kitchen.

Here again, following the general principle, the cafeteria was organized on the smallest possible economic basis of 150 to 200 guests, serving one meal a day. Anything smaller than this would result in a financial loss and would at once swamp the enterprise. It is a very small unit when compared with commercial cafeterias, which serve from one to three meals a day to from five hundred to fifteen hundred people. This, again, as in similar cases, has given rise to severe criticism and the threatened attempt to put the University out of business at this point. It will, of course, give rise to the question whether the University is to be enabled to give instruction in lines that are demanded by the public who pay the bills for the operation of the University, and if it is to give the instruction, whether the department or the boarding-house keepers shall be the judge as to the methods of instruction to be pursued.

Such a report as this might go on indefinitely, but I have stated enough to show the reason for the commercial activities which institutions like ours engage in and also the reasons for their being held at the minimum. I will attempt to state the general principles covering the issue in the briefest possible form as follows:

### GENERAL PRINCIPLES GOVERNING COMMERCIAL ACTIVITIES OF AGRICULTURAL DEPARTMENTS.

1. If an experiment or a course of instruction results in a product of commercial value, the department will realize upon that product or not according to the course which is cheapest.

the course which is cheapest.

2. If an experiment or a course of instruction involves a method of selling or of serving as well as the method of production, then the department is forced to engage in selling, in which case it will be guided by two principles.

(a) The unit of activity must be large enough to serve the purpose and to be financially possible.

(b) It will be no larger than this minimum unit, because all commercial business is distracting to the department and is of itself undesirable except for important reasons growing directly out of instruction and research.

3. Upon all these points the department must be the judge, just as the Department of Chemistry is judge of its laboratory work or the Department of Economics of what it teaches in the classroom; and within the reasonable limits herein specified, it can be dictated to by no outside body.

### FINANCIAL REPORTS.

At this point Mr. Moore presented for the Finance Committee the reports of the United States Audit Company for the quarter ending December 31, 1913, and of Treasurer M. W. Busey for the quarters ending September 30 and December 31, 1913, which were received to be filed, certain parts to be printed in the minutes.

### AUDIT REPORT.

February 9, 1914.

Honorable Allen F. Moore, Chairman, Finance Committee, University of Illinois,

Monticello, III.

DEAR SIR: In accordance with your instruction, we have made an audit of the books and accounts of the University of Illinois for the second quarter of the

the books and accounts of the University of Illinois for the second quarter of the fiscal year, ended December 31, 1913.

We verified the cash receipts in detail, as shown on Schedule "2."
The cash disbursements, as shown on Schedules "4a" and "4b," were verified by us in total by comparing all vouchers issued during the quarter with entries in the warrant register, proving the footings of the warrant register and disbursement ledgers, and by reconciling the balances of the University treasurer and State Auditor as of December 31, 1913.

We tested the postings to the disbursement ledgers, as summarized on the above named statements, and found all items so tested to be correct.

We obtained a letter from Busey's Bank, certifying to balances as follows:

General fund
United States Agricultural Experiment Station fund
College of Medicine fund
School of Pharmacy fund \$207,928 30 32,188 48 18,143 78 1,530 36

\$259,790 92

We counted the cash fund of the bursar on the morning of January 6, 1914, and found same to be in accordance with the books.

The interest on endowment fund due July 1, 1913, had not been received by the University of Illinois at the close of the quarter under review.

We submit various schedules, as enumerated on the index prefixed hereto, and certify that the cash receipts and disbursements as shown therein are correct in total and in accordance with the books and records of the University of Illinois.

Yours very truly,
UNITED STATES AUDIT Co.
WHITNEY B. FLERSHEM,
Certified Public Accountant.

# TREASURER'S REPORTS.

$\mathbf{M}.$	w.	Busey,	TREASURER,	IN	ACCOUNT	WITH	THE	UNIVERSITY	OF	ILLINOIS,	QUARTER
				Er	NDING SEF	TEMBE	R 30.	1913.			

	ENDING DELIEREDER 00, 1910.	**			
1913. July 1	Dr.  Balance on hand—  General fund  Ag. Exper. Sta. fund  College of Medicine fund  School of Pharmacy fund	\$409,550 4,223 8,553 3,220	68 59	<b>\$</b> 425,548	11
July August September July	Received from O. E. Staples, Bursar, for credit of general fund	\$15,610 11,544 78,241	$\begin{array}{c} 96 \\ 12 \end{array}$	φ±20,0±0	11
August July	iment Station fund See debit general fund Received from J. S. Tomlinson, Actuary, for credit of School of Medicine fund	57,500 447 1,451 343	81		
August September July	" " " Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	343 2,818 302	73		
August September	u u -	180 14,875	00	183,316	18
	,			\$608 864	29
1913. September	OR.  Paid out, general fund Paid out, Ag. Ex. Sta. fund Paid out, College of Medicine fund Paid out, School of Pharmacy fund	\$319,313 8,859 10,944 1,912	$\begin{array}{c} 20 \\ 23 \end{array}$		•
Balances— Genera Ag. Ex College School	1 fund	\$195,633 53,312 2,222 16,666	29 87	\$341,029 267,834	
`			_	201,004	-00
				\$608,864	29
	Respectfully sub	mitted,			
	Respectfully sub	mitted, . W. Busi	ΞY,		
M. W. Bus	Respectfully sub M EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.	. W. Busi		Treasurer	
1913.	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Dr.	. W. Busi		Treasurer	
	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.	. W. Busi	25 29 87	Treasurer	rer
1913. October 1 October November December	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	. W. Busi	25 29 87 24 20 76	Treasurer	rer
1913. October 1 October November	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  DR.  Balance on hand— General fund Ag. Exp. Sta. fund College of Medicine fund School of Pharmacy fund  Received from O. E. Staples, Bursar, for credit of general fund  "" "" "" "" "" "" "" "" "" "" "" "" "	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439	25 29 87 24 20 76 46	Treasurer	rer
1913. October 1  October  November December October	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  DR.  Balance on hand— General fund Ag. Exp. Sta. fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500	25 29 87 24 20 76 46 00	Treasurer	rer
October 1  October  November December October  December	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4	25 29 87 24 20 76 46 00 13	Treasurer	rer
October 1  October  November December October  December October	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  DR.  Balance on hand— General fund Ag. Exp. Sta. fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4	25 29 87 24 20 76 46 00 13 65 07 60 00 00	Treasurer DIS, QUART \$267,834	гел
October 1  October 1  October November December October  November December October  November December October	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393	25 29 87 24 20 76 46 00 13 65 07 60 00 00	\$267,834	65
October  November December October  December October  November December October	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund Ag. Exp. Sta. fund College of Medicine fund School of Pharmacy fund  Received from O. E. Staples, Bursar, for credit of general fund  "" Received from U. S. Treas. for credit of Ag. Expt. Sta. fund Received from O. E. Staples for credit of Ag. Expt. Sta. fund Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund (Including dentistry)  "" Received from W. B. Day, Actuary, for credit of School of Pharmacy fund "" "" "" "" "" "" "" "" "" "" "" "" ""	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393	25 29 87 24 20 76 46 00 13 65 07 60 00 00	Treasurer DIS, QUART \$267,834	65
October 1  October 1  October November December October  November December October  November December October	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393 1,395 402 1,328	25 29 87 24 20 76 46 00 13 65 07 60 00 00 00	\$267,834	65
October 1  October 1  October November December October  November December October  November December October  November December October  1913.	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393 1,395 402 1,328	25 29 87 24 20 76 46 00 13 65 07 60 00 00 00	\$267,834	65
October 1  October 1  October November December October  November December October  November December October  November December 3  1913. December 3	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393 1,395 402 1,328 \$95,128 59,286 611,429	25 29 87 24 20 76 46 00 13 65 07 60 00 00 00 00 00 00 07 07 07 07 07 07 07	\$267,834	65
October 1  October 1  October November December October  November December October  November December October  November December 3  1913. December 3	EY, TREASURER, IN ACCOUNT WITH THE UNIVERS ENDING DECEMBER 31, 1913.  Balance on hand— General fund	\$195,633 53,312 2,222 16,666 \$85,975 10,008 11,439 7,500 4 36,254 3,747 1,393 1,395 402 1,328	25 29 87 24 20 76 46 00 13 65 07 60 00 00 00 00 00 00 07 07 07 07 07 07 07	\$267,834	65 87

### TREASURER'S REPORTS-CONCLUDED.

Balances—			
General fund	30		
College of Medicine fund	48		
Agr. Exp. Sta. fund	36		
School of Pharmacy fund	78		
		\$259,790	92

\_\_\_\_

\$427,282 52

Respectfully submitted,

M. W. Busey, Treasurer.

At this point Mr. Blair and Mr. Moore withdrew.

### MATTERS PRESENTED BY PRESIDENT JAMES.

The President of the University continued his presentation of matters for the consideration of the board.

### GRADUATE SCHOLARSHIPS AND FELLOWSHIPS.

(5) A request that the President of the University be given authority to appoint scholars and fellows in the Graduate School for the academic year 1914-15, and that an appropriation of \$22,400 be made for the stipendia.

On motion of Mrs. Henrotin, the desired authority was given and the appropriation of \$22,400 involved was made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

### CO-OPERATIVE MINES INVESTIGATION.

(6) A statement that, through a clerical error, the item of \$5,000 for the Cooperative Mines Investigation, conducted on the basis of a contract between the Board of Trustees and certain agencies of the federal and state governments, had been omitted from the budget as passed by the board at the meeting of January 21, 1914.

On the recommendation of President James and on motion of Dr. Montgomery, the sum of \$5,000 was appropriated for the Co-perative Mines Investigation. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

### CONTRACT FOR THE PIPE ORGAN.

(7) A statement concerning the contract for the purchase of a pipe organ for the Auditorium, authorized at the meeting of January 21, 1914.

The committee, consisting of Raymond M. Alden, George E. Frazer, E. W. Murphy, H. H. Stoek, James M. White, and Charles H. Mills, have gone over the whole matter again at my request, and desire to make certain minor changes in the contract, protecting more carefully the interests of the University. They also recommend very strongly the purchase of chimes for the organ at a cost of \$500. This would make the total contract price for the organ \$15,500. This includes the cost of all the material of the organ and setting it up in place. It does not include the preparation of the organ loft, nor of the Auditorium room itself for the installation of the organ. It will be necessary for the University to build an organ box in the organ loft, and to insert grills in the arches of the Auditorium over the stage. The members of the committee have expressed themselves as extremely well satisfied with the proposition of the Casavant firm, and feel confident that, if carried out properly, it will secure a first-class organ.

On the recommendation of President James and on motion of Dr. Mont-

On the recommendation of President James and on motion of Dr. Montgomery, the comptroller was authorized to sign the contract with Casavant Brothers in the total amount of \$15,500, and the appropriation of the \$500 additional required to make up this amount was made, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

### COMMISSIONS ON RACIAL HISTORY AND CULTURE.

(8) The following statement concerning a series of commissions on the history and culture of the various racial and national elements which have entered into the life of American society.

On July 5, 1912, the board gave the President of the University authority to appoint a commission on Jewish-American History and Culture. The object of this commission was to devise ways and means of increasing the collections of the University bearing upon the subject of Jewish-American history and culture, and to promote the general interest of the University and the public in this subject. Similar authority was given to appoint a commission on German-American history and culture.

history and culture.

Similar authority was given to appoint a commission on German-American history and culture.

Although I have not appointed these commissions, some interest has already been excited in the matter, resulting in a gift of money for the purchase for the University Library of books relating to the history and civilization of the Jews.

I have been over the details of the plan with the head of the History Department, and it seems as if valuable results might be achieved for the University by an enlargement of the scope of the plan. I recommend that the President of the University be authorized to announce the fact that the University will attempt to secure in its library collections of books, manuscripts, maps, specimens of art and archeology, etc., bearing on the history of the different racial and national elements which have entered into the life of our national body politic and social.

I recommend further that he be given authority to appoint a series of commissions upon the history and culture of the various racial and national elements which have entered in to the life and history of the American people. This would mean that in addition to the commission on Jewish-American history and German-American history, he should appoint one on the Irish-American elements, one on the Scandinavian-American elements, one on the Hungarian-American elements, one on the Polish-American elements, one on the Polish-American elements, one on the Polish-American elements, one on the Library comprehensive collections bearing on the history of the constant elements of our people.

of our people.

As indicated in the action previously taken, these commissions would consist partly of members of our own faculty, but chiefly of men outside the University, and, where desirable, outside of the State, whose cooperation might be enlisted in this work.

On the recommendation of President James and on motion of Dr. Montgomery, the desired authority was given.

At this point Miss Watson withdrew.

### INTER-UNIVERSITY COMMITTEE TO PREPARE MATERIAL FOR STATE CONSTITUTIONAL CONVENTION.

(9) A statement concerning a joint university committee to prepare material for a possible State constitutional convention.

For some time certain members of the law faculties of Northwestern University, the University of Chicago, and the University of Illinois have been conferring together as to the possibility of preparing material which might be of use to the State when a convention should be called to revise the State Constitution. At the suggestion of these gentlemen, I invited President Harris, of Northwestern University, and President Judson, of the University of Chicago, to cooperate with me in appointing a joint committee on this subject; and, with their consent, I appointed Professors Wigmore and Scofield of Northwestern University, Professors Hall and Freund of the University of Chicago, and Professors Harker and Dodd of the University of Illinois. This committee has held two sessions and planned a piece of cooperative work, which I think will prove highly valuable to the people of the State in facilitating the work preparatory to drafting a new Constitution. They proposed at their meeting held February 7, 1914, at the City Club, in Chicago, to recommend to the three universities concerned that the traveling expenses of the members of this committee, in attendance upon meetings of the same, the cost of mimeographing the work of the committee, and of collecting material for the use of the committee should be a joint charge upon the three universities. universities.

On motion of Mrs. Henrotin, the recommendation of the committee was approved and the sum of \$100, or so much thereof as may be necessary, was made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

At this point Miss Watson returned to the meeting.

### GREGORY MEMORIAL BUILDING.

(10) A letter from Mr. S. A. Bullard in the matter of the Gregory Memorial. On October 8, 1912, the board gave the President of the University authority to consider, with a committee of the alumni, or with others interested in the matter, the possibility of erecting a suitable building on the campus as a memorial to the first Regent of the University. I have discussed this matter at various times with Mr. S. A. Bullard, Chairman of the Alumni Committee. In a recent letter, he states his opinion that it is necessary, before a proposition can be formulated so as to command the support of the alumni, that the board should indicate its willingness to assign a site on the University campus for the erection of such a memorial building in honor of the first Regent of the University, and to be named after him. after him.

On the recommendation of President James and on motion of Dr. Montgomery, it was voted that the board greets with pleasure the suggestion from members of the Alumni Association that the alumni and other friends of the University may erect a building upon the University campus, for University use, in honor of the first regent of the University, Dr. John Milton Gregory; and that in case a sufficient sum be raised for such a building, a suitable site will be assigned for its location.

### OPENING OF SWIMMING POOL IN WOMAN'S GYMNASIUM.

(11) A recommendation from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the swimming pool in the Women's Gymnasium be opened to the wives of members of the faculty at nine o'clock on Tuesday mornings, to their children at nine o'clock on Saturday morning; that a fee of \$2 for each person be assessed for the privilege; and that students appointed by Miss Moulton, at a cost not to exceed fifty cents an hour, be in charge of the pool at these hours.

On the recommendation of President James and on motion of Mrs. Henrotin, this request was referred to the Committee on Students' Welfare with power to act.

### SENIOR MEMORIALS.

(12) A letter from Professor James M. White, Supervising Architect, concerning the policy of the University with respect to senior memorials.

No action was taken concerning this matter.

### EXTENSION OF SCHOLARSHIP OF MR. J. G. RUCKLE.

(13) A letter from Mr. J. G. Ruckle, a senior in the College of Agriculture, who had been unavoidably absent from the University for one year, requesting that his scholarship in agriculture be extended for one year.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to extend Mr. Ruckle's scholarship for one year.

At this point Mrs. Henrotin and Miss Watson withdrew, and, the absence of a quorum having been noted, the board adjourned.

W. L. Abbott, President.

H. E. CUNNINGHAM, Secretary.

### MEETING OF THE EXECUTIVE COMMITTEE, MARCH 10, 1914.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, at Urbana, immediately following the adjournment of the annual meeting of the board, on Tuesday, March 10, 1914.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; also Mrs. Busey, Mrs. Evans, Mr. Hoit and Dr. Montgomery, members of the board.

President James was present.

### MATTERS PRESENTED BY PRESIDENT JAMES.

The President of the University presented the following matters for the consideration of the Executive Committee:

### EXHIBIT AT PANAMA WORLD'S FAIR.

(1) A letter from Dr. David Kinley, Director of the Courses in Commerce, forwarding a request from Dr. E. G. Dexter to the effect that the University be represented at the World's Fair at Panama in 1914-15, by an educational exhibit, illustrating particularly the courses in commerce.

On the recommendation of President James and on motion, the Director of the Courses in Commerce was authorized to prepare such an exhibit at a cost not to exceed \$250.

### HOUSES ON SITE OF EDUCATION BUILDING.

(2) Recommendations concerning the houses on the lots purchased as a site for the School of Education Building:

1. That the comptroller be given authority to sell the houses on lots 5, 6 and 7 of block 55, in the Seminary Addition to Urbana.

2. That the house on lot 8 be moved to the rear of lot 9, and that this house and the one now on lot 9 be put in order for University use.

On motion, these recommendations were approved.

# APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary of the board presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record.

Ball, T. R., Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of sixty dollars (\$60\$) a month, this appointment superseding his appointment as graduate assistant, vice T. E. Layng, resigned. (February 5, 1914.\*)

Braley, S. A., Graduate Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of thirty dollars (\$30) a month, this appointment superseding his former appointment as student assistant, vice T. R. Ball. (February 5, 1914.)

Hieronymus, R. E., Community Advisor on the staff of the University, at a salary of two hundred fifty dollars (\$250) a month, for five months, beginning February 1, 191 4. (February 2, 1914.)

Flattery, Amanda M., Catalog Assistant in the Library, beginning November 25, 1913, at a salary of sixty dollars (\$60) a month; accepted, under protest (by reason of the appointee's advanced age), on the certification of the Civil Service Commission.

Gaut, Rosa-Lee, Assistant in Physical Training for Women, for three months, beginning-April 1, 1914, at a salary of fifty dollars (\$50) a month, this appointment superseding her previous appointment at forty dollars a month. (March 7, 1914.)

Lee, Edward C., Instructor in the Illinois Miners' and Mechanics' Institutes, for one year, beginning March 16, 1914, at a salary of one hundred fifty dollars (\$150) a month. (March 7, 1914.)

Lee, William H., Clerk of the Practice Court of the College of Law, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, to be paid in two installments of fifty dollars (\$50) each at the close of the first and second semesters, respectively, upon certification by the Dean of the College of Law that he has performed the duties of the position satisfactorily. (February 4, 1914.)

Lyman, L. T., Student Assistant in Chemistry, for five months, beginning February 1, 1914, at a salary of ten dollars (\$10) a month. (March 9, 1914.) Math, Earle R., Assistant in Architectural Construction, for five months, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of one hundred forty dollars (\$140) a month. (January 24, 1914.)

Moore, Charles R., Instructor in Electrical Engineering, at a salary of one hundred thirty dollars (\$130) a month, beginning as soon as he reports for service and continuing until June 30, 1914, vice F. C. Loring. (January 23, 1914.)

Morgan, W. L., Instructor in the Illinois Miners' and Mechanics' Institutes, for one year, beginning February 16, 1914, at a salary of one hundred fifty dollars (\$150) a month. (February 20, 1914.)

(\$150) a month. (February 20, 1914.)

Muehlman, Ralph E., Assistant in Architectural Design, at a salary of one hundred forty dollars (\$140) a month, for five months, beginning February 1, 1914. (February 3, 1914.)

Samuels, T. W., Assistant in Economics, on part time, beginning February 19, 1914, and continuing until June 30, 1914, at a total remuneration for the period of two hundred dollars (\$200). (February 24, 1914.)

Sheftel, Yetta, Research Assistant in the Illinois Survey, at a salary of one hundred dollars (\$100) a month, beginning when she reports for duty and continuing until June 30, 1914. (February 20, 1914.)

Sims. C. E.. Student Assistant in Chemistry for the second semester of the

Sims, C. E., Student Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of ten dollars (\$10) a month, vice S. A. Braley. (February 5, 1914.)

Skinner, G. S., Graduate Assistant in Chemistry, for five months beginning February 1, 1914, at a salary of thirty dollars (\$30) a month, this appointment superseding his former appointment as Student Assistant. (March 9, 1914.)

Waddell, Mary L., Scientific Assistant and Cataloger in the Museum of Natural History, at a salary of seventy dollars (\$70) a month, beginning February 1, 1914, and continuing until June 30, 1914. (February 5, 1914.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University.

# THE REGISTRAR'S REPORT OF FEES PAYABLE, FIRST SEMESTER, 1913-14.

The secretary of the board presented the registrar's report of fees payable for the first semester of the academic year 1913-14. This report was received for record:

received for record:		
Matriculation Fees— Gro	ss. Refund.	Net total.
1185 @ \$10.00	\$940 00	\$10,910 00
Total matriculation fees \$11,850	00 \$ 940 00	\$10,910 00
Incidental Fees— 3121 @ \$12.00	1,608 00	35,844 00
5 @ \$6.00	222 00	<u>::</u> i92 00
Total incidental fees \$37,482		\$35,652 00
Tution Fees—  594 @ \$7.50 4,455  Refund 144 @ \$7.50 11  Refund 10 @ \$3.75 (one-half) 11  96 @ \$25.00 (law) 2,400  5 @ \$12.50 (one-half, law) 62  Refund 2 @ \$12.50 62  Refund 2 @ \$12.50 8500 (courses, law) 80	1 000 00	3,375 00
3 @ \$3.75 (one-half)	25	·—26 25
Refund 10 @ \$3.75 (one-half)	90	2,400 00
5 @ \$12.50 (one-nair, law)		37 50
Refund 2 @ \$12.50	00	70 00
Total tuition fees\$7,008		\$5,856 25
Total general fees \$56,340		\$52,418 25
Music Fees—		-4 25
	00	7 50
53 @ \$8.50	50	
Refund 2 @ \$8.50	17 00 00	$\begin{array}{c} 433 & 50 \\ 9 & 00 \\ 22 & 00 \end{array}$
2 @ \$11.00 22	00	
Refund 2 @ \$13.50	07 00	$-13 \begin{array}{c} 50 \\ -240 \end{array}$
16 @ \$15.00	00	39 00
3 @ \$25.00		50 00
Total music fees.	•	\$ 783 25
Architecture	50 6 50 00 267 75 00 5 00	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Botany 1,161 Ceramics 113	00 5 00	893 25 108 00
Chemistry         8,580           Civil engineering         372	00 4 75	$7,647 50 \\ 367 25$
Electrical engineering	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	520 00
Entomology	00 5 75	134 25 93 00
Geology	75 19.87	253 88
Household science 4440 Mechanical engineering 377 Mining engineering 16	75 19 87 00 27 50 50 4 00	$\begin{array}{ccc} 412 & 50 \\ 373 & 50 \end{array}$
Mining engineering	00	$\begin{array}{cc} 16 & 00 \\ 65 & 00 \end{array}$
Physical training (charged in error) 7	50 7 50	
Physics         1,003           Physiology         175	00 3 50	$979 00 \\ 171 50$
T. & A. mechanics	009 00	$\begin{smallmatrix}6&00\\435&00\end{smallmatrix}$
Zoölogy 467	00 19 50	447 50
Total Laboratory fees\$14,647 Listener's Fees——————————————————————————————————		\$13,284 <b>13</b>
Refund 2 @ \$7.50	15 00	75 00
194 @ \$5.00		960 00
Change Fees—		82 00
366 @ \$1.00		364 00

### THE REGISTRAR'S REPORT OF FEES PAYABLE FIRST SEMESTER, 1913-14-CONCLUDED.

Diploma Fees—	Gross.	Refund.	Net total.
5 @ \$2.00 (new diplomas made) Refund 1 @ \$5.00	<b>\$10</b> 00	\$5 00	\$5 00
Total special fees	\$1,518 00	\$32 00	\$1,486 00
Total fees	\$73,370 00	\$5,398 37	\$67,971 63

### FEE IN ANIMAL HUSBANDRY 30.

The secretary of the board presented the following communication from Dr. K. C. Babcock, Secretary of the Council of Administration:

President E. J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: The Council of Administration, at its meeting of January 20, voted to recommend to the Board of Trustees the placing of a laboratory fee of one dollar on the course known as Animal Husbandry 30 (Genetics). I am accordingly transmitting this official notice of their action.

Very truly yours,

KENDRICK C. BABCOCK,

KENDRICK C. BABCOCK, Secretary of the Council of Administration.

The placing of this fee was authorized as recommended.

### RESOLUTIONS OF THE CHAMBER OF COMMERCE OF CHAMPAIGN.

The secretary of the board presented resolutions adopted by the Chamber of Commerce of Champaign, congratulating Dr. David Kinley and the Board of Trustees upon the appointment of Dr. Kinley as Vice-President of the University.

On motion, these resolutions were received and placed on file.

### RESOLUTIONS OF THE ILLINOIS CLAY MANUFACTURERS' ASSCIATION.

The secretary of the board presented resolutions adopted by the Illinois Clay Manufacturers' Association, thanking the University for its support of the Department of Ceramics in connection with the winter short course in ceramics.

These resolutions were received and placed on file.

The Executive Committee adjourned.

W. L. ABBOTT, Chairman.

H. E. CUNNINGHAM, Clerk.

## Meeting of April 9, 1914.

A meeting of the Executive Committee of the Board of Trustees was held in the office of the President of the University, at Urbana, on Thursday, April 9, 1914, beginning at 4:30 P.M.

There were present: Messrs. Abbott and Trevett, members of the committee, and Vice-President Kinley.

### MATTERS PRESENTED BY VICE-PRESIDENT KINLEY.

Vice-President Kinley presented the following matters for the consideration of the Executive Committee:

#### LEASE OF HAINES PROPERTY.

(1) The renewal of the lease and option on 47.67 acres of land near the Illinois Central Railway owned by Mr. and Mrs. Frederick A. Haines, for use by the Departments of Agronomy and Dairy Husbandry. The animal rental involved is \$715.44, and the option, expiring September 1, 1914, is at the rate of \$750 an acre. In accepting the lease and option on December 1, 1912, the board expressed the opinion that the price asked for the land was excessive. Inasmuch as the amount of land involved is larger than is needed, and the work can be transferred without vital loss to some of the land recently acquired by the University, and furthermore as the option, which expires on September 1, does not seem to offer any real advantage to the University, I recommend that the lease and option be not renewed.

The committee voted to approve the recommendation.

### EMERGENCY HOSPITAL AND STUDENT HEALTH WORK.

(2) A recommendation that the sum of three thousand dollars (\$3,000) or so much thereof as may be needed, be appropriated to meet the expenses of the emergency hospital and student health work to May 1, 1914. The items charged against the account to April 6 amount to \$2,358.54. It is estimated that the expense for the rest of April will be about \$500. The estimated charges against students to April 8 is \$816.

The committee voted to make the appropriation as recommended.

### REBATES TO STUDENTS.

(3) A recommendation that the sum of eight thousand dollars (\$8,000) be appropriated for rebates to students for the present fiscal year. This item was omitted by clerical error from the annual budget.

The committee voted to make this appropriation.

### TRANSFER OF FUNDS.

(4) A recommendation that the sum of one thousand seven hundred fifty dollars (\$1,750) of the Hatch fund be transferred from the nitrogen fixation experimental work, to which it was appropriated, to the Department of Dairy Husbandry.

(5) A recommendation that the sum of eight hundred dollars (\$800) be transferred from the appropriation made to the general office of the College of Agriculture to the Department of Agricultural Extension.

The committee voted to make these transfers.

# COMPTROLLER AUTHORIZED TO SIGN LEASES.

(6) A recommendation that the comptroller be given authority to sign leases of land for agricultural experimental work: *Provided*, that no officer of the University shall enter into negotiations to secure such leases or deeds without previous specific authorization from the President of the University.

The committee voted to approve this recommendation.

### APPROVAL OF LEASES.

(7) A recommendation that the leases already signed by the comptroller be approved, as follows:

### AGRONOMY EXPERIMENT FIELD LEASES.

1. Location LessorDateTenureAnnual Rental Feb. 25, 1914 Antioch D. M. White Indefinite \$8.50 Description

One and seven-tenths (1.7) acres in the northwest quarter of the southwest quarter of the northeast quarter of section 22, township 46 north, range 10 east of the third principal meridian; located on the farm of David M. White, three miles southeast of Antioch, Lake County, Ill.

Conditions

Either party may terminate lease at the end of any biennium.

Location Lessor. Date Nov. 18, 1913 Tenure Annual Rental Bloomington Church

Description

Four and four-tenths (4.4) acres of land, beginning at the northeast corner of the northwest quarter (1/4) of the southwest quarter (1/4) of section twenty-five (25), township twenty-four (24) north, range two (2) east of the third principal meridian, thence south twenty-two (22) rods, thence west thirty-two (32) rods, thence north twenty-two (22) rods, thence east thirty-two (32) rods to the point of beginning.

Condition

University may terminate lease at the end of any year.

Annual Rental Lessor Blackburn College Date Aug. 3, 1909 TenureLocation Carlinville Indefinite None Description

Twenty acres of land located in the north one-half (N. ½) of the southeast one-fourth (S. E. ¼) of the southeast one-fourth (S. E. ¼) of section twenty-one (21), township ten (10) north, and range seven (7) west of the third principal meridian.

Conditions

Lease shall be terminated and control of land revert to Blackburn College if University of Illinois discontinues use of land for agricultural experimentation for a period longer than two years.

4. Location LessorAnnual Rental \$108.00 DateTenureW. E. Braden Mar. 8, 1910 Cutler Indefinite

Description

Eighteen (18) acres of land, being all of the north half of the southeast quarter of the northwest quarter of section nineteen (19), township five (5) south, range four (4) west of the third principal meridian, except about one and one-half acres in the northeast corner of said tract and about one-half acre in farm road.

The said W. E. Braden to reserve all coal, oil, gas, and mineral rights belonging to said land with privilege of working out same, provided coal shaft or buildings be not placed thereon. This lease is given subject to a lease given on above described land in 1908 for purposes of drilling for oil and gas.

University of Illinois may terminate lease at the end of any biennium after

January 1, 1912.

Lessor Fairview Park Cemetary Assoc. 5. Location Date Tenure Annual Rental Jan. 28, 1914 Dec. 31, 1924 \$290.00 DeKalb

Description

A tract of land sixty-eight (68) rods wide, north and south, and eighty-three (83) rods long, east and west, lying in the southeast corner of the southeast quarter of section twenty-seven (27), township forty (40) north, range four (4) east of the third principal meridian. Also land lying north of driveway, which is eighty-three (83) rods long and about two (2) rods wide, north and south. The total amount of land used by the station comprises thirty-six and one-fourth (36¼) acres.

Conditions

Either party may terminate lease at the end of any year. If the Cemetery Association desires to terminate lease, it must give twelve months notice.

6. Location Lessor Date Tenure Annual Rental DuBois A. A. Hinkley Feb. 26, 1914 Independent \$25,00

Description

Five (5) acres in the south half of the southeast quarter of the northeast quarter of section 29, township 3 south, range 1 west of the third principal meridian; located on the farm of A. A. Hinckley, one mile northwest of DuBois, Ill.

Conditions University may terminate lease at the end of any year by giving notice in writing at least ninety days prior.

Jan. 1, 1924 Annual Rental 7. Location Lessor Date Mar. 14, 1914 Fairfield Mrs. Giles Porter

Description

Twenty (20) acres of land, lying in the west half of the west half of the northeast quarter of section thirty-six (36), township one (1) south, range seven (7) east of the third principal meridian; the north line of said twenty-acre tract being about twenty-eight (28) rods south of the section line.

First annual rental to be due on December 31, 1914.

Lessor J. J. Rinard Jan. 1, 1924 Location Date Mar. 14, 1914 Annual Rental Fairfield Description

Twenty acres of land on the east side of west half of northwest quarter of section thirty-six (36), township one (1) south, range seven (7) east of the third principal meridian, lying next to the public road and immediately north of the orchard.

Location Jan. 15, 1914 Tenure Indefinite Annual Rental \$200.00 Lessor G. W. Gale Galesburg Description

Twenty-five acres in the west side of the northwest quarter of the southwest quarter of section thirty-one, township eleven north, range one east of the fourth principal meridian, located on the farm of George W. Gale, four miles southwest

of Galesburg, Ill. Conditions

Lease may be terminated by either party. By giving ninety days' notice in writing lease shall be terminated the following first day of January. Lessor C. C. Porter Date Mar. 2, 1914 Tenure Indefinite Momence

Description Two and one-fourth (2½) acres in the northeast quarter of the northwest quarter of section thirty-one, township eleven north, range one east of the fourth west quarter of the southeast quarter of the northeast quarter, all in section 6, township 30 north, range 11 west of the second principal meridian—three miles south of Momence, Kankakee County, on the farm of C. C. Porter.

Conditions Either party may terminate least at end of any year by giving notice in writing ninety days prior.

Lessor A. N. Abbott Date Apr. 2, 1914 Tenure Indefinite Annual Rental 11. Location Morrison

Description Approximately the north half of the northeast quarter of the northeast quarter of section 5, township 21 north, range four east of the fourth principal meridian, comprising approximately 20 acres.

Conditions

University may terminate least at the end of any year.

Lessor N. B. Morrison Date Feb. 27, 1909\* TenureAnnual Rental Indefinite Odin Description

Description
Twenty acres of land, located in sections fourteen (14) and fifteen (15), in township two (2) north, range one (1) east of the third principal meridian; commencing at a point 740 feet northeast along the northwest line of the Illinois Central Railroad right-of-way, from where the said railroad right-of-way crosses the west line of said section 14, and ten rods northwest perpendicular to the railroad right-of-way, and extending northeast from this point parallel to the railroad right-of-way seventy-four (74) rods, thence northwest perpendicular to the railroad right-of-way, seventy-four (74) rods, thence southwest parallel to the railroad right-of-way forty-three (43) rods, thence southeast perpendicular to the railroad right-of-way forty-three (43) rods to the point of commencing.

Conditions University may terminate lease at the end of any biennium after March 1. 1911.

Lessor G. F. Tullock Date Mar. 2, 1914 Tenure Indefinite Annual Rental' Location Rockford

Description The northeast ten acres of the southwest forty acres of the southwest quarter of section 34, township 45 north, range 1 east of the third principal meridian, on the farm of George F. Tullock, three miles northwest of Rockford, Winnebago

County, Ill. Conditions

Either party may terminate lease at the end of any year by giving notice in writing to that effect ninety days prior to that date. 14. Location Urbana

Lessor
Mt. Hope Cemetery Assoc. Date Mar. 17, 1915 Mar. 1, 1915 Annual Rental

Four acres lying in the northeast corner of the tract of land owned by the Mount Hope Cemetery Association located in the township of Urbana, county of Champaign, State of Illinois.

<sup>\*</sup> Lease signed by officers of the board and now reported for record.

15. Location Virginia Date Mar. 5, 1914 Tenure Indefinite Annual Rental Lessor George Conover

Description

Eleven and one-tenth acres of land, being a part of the northwest quarter of the southeast quarter of section 14, township 17 north, range 10 west of the third principal meridian; commencing at the northwest corner of the said northwest quarter section and running south 45 rods, thence east 39½ rods, thence north 45 rods, thence west 39½ rods to the place of beginning.

Conditions

Committee composed of owner, the Superintendent of Experiment Fields of the University of Illinois, and the presidents of the local banks of Virginia, Ill., to fix rent for ten year period following January 1, 1924, and a similar committee to fix rate for each succeeding ten years period. University may terminate lease at end of any year.

### LEASE SIGNED BY PROF. C. G. HOPKINS.

(8) A recommendation that the action of Professor C. G. Hopkins in making a lease of a tract of land from John Swaney, of Magnolia, Putnam County, on March 23, 1907, be confirmed, thus making the act of Professor Hopkins that of the Board of Trustees. The terms of the lease are as follows: Location Lessor

Dec. 31, 1999 \$26 00 Date Mar. 23, 1907 John Swaney Magnolia

Description

Six acres of land, being a part of the east half of the southwest quarter of section fifteen (15) in township thirty-one (31) north, range one (1) west of the third principal meridian; commencing at a point twenty (20) rods south and eighty (80) rods east of the northwest corner of said quarter section, thence south twenty (20) rods, thence east forty-eight (48) rods, thence north twenty (20) rods, thence west forty-eight (48) rods to the place of beginning.

Conditions University may terminate lease at the end of any biennium after December

31, 1909.

The committee voted to recommend proposals seven and eight above to the Board of Trustees for adoption.

### IMPORT ORDER, DEPARTMENT OF ZOOLOGY.

(9) A recommendation that the sum of one thousand dollars (\$1,000) be appropriated for the importation of materials for the Department of Zoölogy, the amount involved to be charged to the departmental appropriation for 1914-15, bills to be rendered after June 30, 1914.

The committee voted to make the appropriation requested.

### CONTRACT WITH MR. G. A. GARRISON.

(10) A recommendation that the comptroller be authorized to make a contract with Mr. G. A. Garrison, for the use of teams and equipment for cultivation on the Busey, McCullough, Douglas and Pell tracts by the Department of Horticulture, the expense to be charged to the Department of Horticulture and to be chargeable in part against the appropriation to this department for the fiscal year 1914-15; provided, that the contracts be approved by the Dean of the College of Agriculture.

The committee voted to give the comptroller authority to make the

contract as recommended.

The Executive Committee adjourned.

W. L. Abbott. Chairman.

H. E. CUNNINGHAM, Clerk.

# Meeting of April 22, 1914.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 10:00 a.m., on Wednesday, April 22, 1914, pursuant to the following notice which was sent out by the secretary on April 15, 1914:

Upon the call of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, on Wednesday, April 22, 1913, at 10:00 a.m., to authorize the conferring of degrees on the graduates of the School of Pharmacy, and to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Superintendent Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Dr. Montgomery, Mr. Moore, Mr. Trevett and Miss Watson. Mrs. Henrotin joined the board soon after the meeting was called to order. President James was present.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the annual meeting of March 10, 1914. On motion of Superintendent Blair, the minutes were approved as printed above on pages 719-740.

### EXECUTIVE COMMITTEE MEETING.

The secretary presented also for record the minutes of the meeting of the Executive Committee held on April 9, 1914 (see pages 741-744 above).

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

### AUTHORITY TO CONFER DEGREE.

(1) A request for authority to confer degrees upon the following candidates recommended by the faculty of the School of Pharmacy and also upon candidates properly recommended by the faculties of the several schools and colleges of the University at the coming commencement exercises.

(Degrees conferred April 22, 1914.)

Albert Franklin Anderson, Edna Becker,
August Christopher Bosch,
J. Burdette Brown,
Floyde Wiley Bryant,
George Ernest Canham,
Lawrence Converse,
Walter Arthur Endee,
Oscar Fisler,
Jeremiah G. Garrity,
Harry Edward Haines,
Philip Irving Hildebrandt,
Elwood Jay Hollinshead,
Harry E. Johnson,
Jonathan G. Jordan,
Elmer Chester Lane,
Paul Israel Mendelsohn,

Richard William Merschat,
Abraham Myerson,
Charles Clarence Orr,
Irving Fitch Pearce,
Elmer Edward Rueckert,
Harold Schmid,
Ralph Harold Thompson,
Adrian Ton,
Clio Vavra,
Ladislaus Joseph Warzynski,
Albert John Cook (Class of 1913),
George Charles Kraemer (Class of 1913),
William Alexander Lee (Class of 1913),
Alva Walter Rackaway (Class of 1913),
Charles Edward Wach (Class of 1913),
Mary Leinbaugh Smith (Class of ,1909).

On motion of Dr. Montgomery, the President of the University was authorized to confer degrees upon candidates recommended by the faculties of the schools and colleges of the University this year.

On motion of Superintendent Blair, the matter of granting the President of the University standing authority to confer degrees upon candidates who are properly recommended was referred to the Executive Committee for investigation and report.

### INCIDENTAL FUND, ROMANCE LANGUAGES.

(2) A recommendation that the sum of one hundred fifty dollars (\$150) be appropriated to the Department of Romance Languages as an incidental fund. This item was omitted by a clerical error from the expense budget for 1913-14.

On motion of Superintendent Blair, this appropriation was made by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

### TRAVELING FELLOWSHIP IN AGRICULTURAL ECONOMICS.

. (3) A request from Dr. David Kinley, Dean of the Graduate School, that Mr. C. L. Stewart, Instructor in Economics, be appointed to a traveling fellowship in agricultural economics for the academic year 1914-15, with a stipendium of one thousand dollars (\$1,000) for the year.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to appoint Mr. Stewart to the traveling fellowship as requested. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mrs. Henrotin joined the meeting.

### LEAVE OF ABSENCE FOR PROF. C. W. ALVORD.

(4) A request from Dr. E. B. Greene, Professor of History, that Professor C. W. Alvord be given leave of absence for three weeks during the autumn of 1914 in order to accept an invitation to deliver the Albert Shaw lectures at Johns Hopkins University.

On the recommendation of President James and on motion of Dr. Montgomery, Professor Alvord was granted leave of absence as requested.

### DEGREE FOR MR. A. T. NORTH.

(5) A recommendation from the University Senate that the degree of Bachelor of Science in Architecture as of the class of 1885 be conferred upon Mr. Arthur Tappan North, of Chicago. Mr. North, when in residence at the University, completed thirty-six term subjects when thirty-nine such subjects were required for graduation in his course; he has been out of the University for more than twenty-five years, and he has attained distinction in his profession of architecture.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to confer the degree upon Mr. North as requested.

### NAME SUGGESTED FOR WOMAN'S BUILDING.

(6) A communication from Dr. Annetta Ayres Saunders, '84, calling attention to the suggestion that the Woman's Building be named "Louise Allen Hall," in honor of Mrs. Louise Allen Gregory, the first teacher of domestic science, and the first dean of women (then called preceptress) at the University. (See page 548, Report of the Board of Trustees, meeting of March 19, 1912.)

No action was taken with respect to this matter.

### PURCHASE OF LOT FOR SCHOOL OF PHARMACY.

(7) A recommendation that the President of the Board be authorized to purchase the lot in the city of Chicago situated on the north side of West Harrison Street and immediately east of Honore Street, extending approximately 126 feet east from the northeast corner of Honore and West Harrison streets and 72 feet north from the same point, to be used as a site for the building of the School of

Pharmacy, at a price not to exceed \$30,600, which was the value set upon the said lot and buildings by the Chicago Real Estate Board. (See minutes of the meeting of July 23, 1913, page 629; also minutes of the meeting of December 13, 1913, page 669.)

Mr. Moore stated for the Finance Committee that the committee was in favor of making this purchase for the purpose named and within the price

recommended.

On motion of Mrs. Evans, the president of the board was authorized to purchase the lot in question, at a price not to exceed thirty thousand six hundred dollars (\$30,600). The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; noes, Mr. Trevett; present but not voting, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

At this point Mr. Moore withdrew.

### RUSH MEDICAL SCHOOL.

(8) A statement that the President of the University had received informal inquiries with respect to the attitude of the University toward a possible union with the Rush Medical School of Chicago. President James recommended the adoption of the following resolution:

\*Resolved\*, That the Trustees of the University of Illinois look with favor upon the consolidation of Rush Medical School with the College of Medicine of the University of Illinois properties of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of Medicine of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of Medicine of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chicago of the Chic

University of Illinois, provided suitable conditions for such consolidation can be secured, and further

That the chairman of the Committee on the College of Medicine of the Board of Trustees of the University of Illinois and the President of the University be authorized to negotiate the terms of such consolidation, to be submitted to the

board for consideration and action.

On motion of Mrs. Busey, the resolutions were adopted by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

### CHICAGO ASSOCIATION OF COMMERCE TRADE TOUR.

(9) An invitation from the Chicago Association of Commerce for the University to appoint a member of the faculty as a delegate to accompany the party on the annual trade tour of the association. The acceptance of this invitation would entail an expense of about three hundred dollars.

On motion of Mr. Trevett, the matter of this invitation was left to the discretion of the President of the University with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

# APPROPRIATION FOR Y. M. C. A. HANDBOOK.

(10) A request from Mr. Lloyd Douglas, Secretary of the University Young Men's Christian Association, that the appropriation of the University towards the expense of printing the association handbook be increased from two hundred fifty dollars to three hundred dollars. The association plans to print a larger handbook and to increase the edition.

On the recommendation of President James and on motion of Mrs. Busey, the sum of three hundred dollars (\$300) was appropriated toward the expense of publishing the handbook of the Young Men's Christian Association for the year 1914-15. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

### AUTHORITY TO DELEGATE SIGNING OF WARRANTS.

(11) A request from Professor George E. Frazer, Comptroller, that the comptroller and the assistant comptroller (Mr. Lynn E. Knorr) be made the agents of the President of the Board in signing all University warrants.

On motion of Dr. Montgomery, the president of the board was authorized to delegate the signing of his name to all University warrants to Comptroller Frazer and Assistant Comptroller Knorr, this delegation to take effect as of April 1, 1914.

On motion of Superintendent Blair, the president of the board was directed to ascertain the legality of the procedure of the board in this matter.

### LEAVE OF ABSENCE FOR PROFESSORS FAIRLIE AND DODD.

(12) The following recommendations from Dr. Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences:

1. That the leave of absence granted to Professor J. A. Fairlie of the Department of Political Science be extended to include the first semester of the academic year 1914-15, without salary, to enable Professor Fairlie to continue his work as director of the Legislative Committee on Economy and Efficiency.

2. That leave of absence be granted to Dr. W. F. Dodd, Assistant Professor of Political Science, for the second semester of the academic year 1914-15, without salary, to enable Professor Dodd to continue work on a book, the completion of which requires his presence in Washington.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to grant leave of absence to Professors Fairlie and Dodd as requested.

### CHAIR IN DUTCH HISTORY, LITERATURE, AND ART.

(13) A communication from Dr. T. DeVries, presenting a petition, signed by fifteen hundred men and women, Dutch-Americans, or of Dutch-American descent, requesting the establishment in the University of a chair in Dutch literature, history and art.

On the recommendation of President James and on motion of Dr. Montgomery, this communication was received to be filed.

### APPROPRIATION OF DEPARTMENTAL RECEIPTS.

(14) A recommendation that the income from fees charged in the various departments of the University, and from sales of products or services in the various departments, may be credited to the appropriations for the various departments upon the approval of the President of the University.

On motion of Mrs. Evans, this recommendation was approved.

### APPOINTMENT OF MR. I. D. ALLISON.

(15) A request from Dr. Eugene Davenport, Dean of the College of Agriculture, for the appointment of Mr. Ira D. Allison as Assistant in Horticulture, at a salary of one hundred fifty dollars (\$150) a month.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to appoint Mr. Allison as recommended. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

### PROMOTION OF ASSISTANT PROFESSOR H. F. MOORE.

(16) A recommendation from Professor A. N. Talbot, endorsed by the Dean of the College of Engineering, that Assistant Professor Herbert Fisher Moore be appointed Professor of Engineering Materials in the Engineering Experiment Station, in the Department of Theoretical and Applied Mechanics, at a salary of three thousand dollars (\$3,000) a year, beginning September 1, 1914.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to make this appointment. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

### PHYSICAL TRAINING IN SUMMER SESSION.

(17) A request for the approval of the action of the President of the University in offering in the summer session certain courses for teachers of physical training and coaches of athletic teams. The courses in question are to be offered by Director G. A. Huff, Coach R. C. Zuppke, Coach R. R. Jones, and Coach H. L.

On motion of Dr. Montgomery, the action of the President of the University in offering the summer courses in physical training was approved.

### INCREASE OF FACILITIES IN DENTISTRY.

(18) A statement of the need of additional laboratory space and equipment for the College of Dentistry. The present space allotted to this college is sufficient for about one hundred students. It will be necessary to restrict the registration to this number or to set aside and equip space in the Dental College Building to accommodate the expected increase in the number of students.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to make provision in the Dental Building for additional students in dentistry.

### ADDITIONAL SPACE ASKED FOR GOLF LINKS.

(19) A request from the University Golf Club for the addition of twenty acres on the south and east sides of the present golf links, on the ground that the present space is so small as to make the game dangerous.

On the recommendation of President James, this request was referred to the Committee on Buildings and Grounds for consideration and report.

### PLAY-GROUND FOR WOMEN.

(20) A request from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the ground west of the forestry and east of the agricultural plots numbered 601 to 610 be set aside as an additional playground for women. This includes a quadrangular tract extending west from the northwest corner of the present forestry fence along the north line of the University property about 250 feet, thence south about 455 feet, thence east about 250 feet, thence north about 455 feet to the starting point.

On motion of Dr. Montgomery, this request was granted.

### PURCHASE OF FORBES PROPERTY.

The Finance Committee presented a recommendation concerning the price to be paid for the Forbes property, which was referred to them at the annual meeting of March 10, 1914, for consideration and report (see page 730).

We recommend the purchase of the Forbes property at a price not to exceed ten thousand dollars.

A. F. MOORE,
J. R. TREVETT,
O. W. HOIT,
Finance Committee.

On motion of Dr. Montgomery, the recommendation of the Finance Committee was approved and adopted.

### SITE FOR WOMEN'S RESIDENCE HALLS.

The Finance Committee presented also a report on the available sites for the proposed women's residence halls.

On motion of Mrs. Henrotin, the report was received and the secretary was instructed to prepare copies thereof for distribution among the members of the board.

### LAND FOR AGRICULTURAL EXPERIMENTS.

Dr. Montgomery brought up the question of the policy of the University with respect to the acceptance of deeds of land in various parts of the State for agricultural experimentation, and, after some discussion, it was voted, on motion of Mrs. Henrotin, that the President of the University be directed to make a recommendation concerning the procedure of the University in accepting gifts of land for this purpose.

### STANDING COMMITTEES FOR 1914-15.

The secretary presented the following communication from President Abbott:

March 24, 1914.

Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.

DEAR SIR: Please advise the members of the board that the new standing committees of the board will be constituted exactly as they were last year.

Very truly yours,

W. L. Abbott, President.

(For list of committees, see page 205).

# APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record:

Becker, Georgia, Stenographer in the Department of Dairy Husbandry, beginning when she reports for duty and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (March 12, 1914.\*)

of sixty-five dollars (\$65) a month. (March 12, 1914.\*)

Bond, Ethel, Instructor in the Summer Session of the Library School, for six weeks beginning June 22, 1914, at a salary of one hundred seventy-five dollars (\$175) for the session. (March 12, 1914.)

Brownfield, Lelah, Stenographer in the office of the Courses in Business Administration, beginning March 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (March 16, 1914.)

†Burton, Lawrence V., Assistant in Bacteriology, for five months, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of ninety dollars (\$90) a month; this appointment superseding his former appointment at a salary of sixty dollars (\$60) a month. (April 1, 1914.)

†Carson. Harry Y. Scientific Assistant on the Staff of the Supervising Archi-

†Carson, Harry Y., Scientific Assistant on the Staff of the Supervising Architect, beginning March 1, 1914, and continuing for a period not to exceed three months, at a salary of one hundred twenty-five dollars (\$125) a month. (March 25, 1914.)

†Dexter, Lydia A., Bibliographer in the Illinois Survey, beginning April 1, 1914, and continuing until June 30, 1914, at a salary of seventy dollars (\$70) a month. (April 11, 1914.)

a month. (April 11, 1914.)

†Fox. R. E., Laboratory Assistant in Electrotherapy in the Laboratory of Dr. Fantus in the College of Medicine, to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6,

Gardner, John J., Instructor in Agriculture in the Summer Session of 1914, at a salary of one hundred fifty dollars (\$150) for the session. (April 17, 1914.)
Gatward, Walter A., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

†Grant, Dudley H., Assistant in Chemistry in the College of Medicine, beginning when he reports for service and ending June 30, 1914, at a salary of seventy-five dollars (\$75) a month. (March 25, 1914.)

†Graves, Charles E., Exchange Assistant in the University Library and Lecturer on Exchanges in the Library School, beginning April 1, 1914, and ending August 31, 1914, at a salary of one hundred dollars (\$100) a month, vice J. Hodnefield. (March 30, 1914.)
†Hakanson, A. G., Laboratory Assistant in Mechanotherapy in the Laboratory of Dr. Fantus in the College of Medicine, to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6, 1914)

Hall-Quest, Alfred L., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

Harlan, C. L., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

Hart, Eliza, Stenographer in the State Water Survey, at a salary of fifty dollars (\$50) a month, beginning November 1, 1913; this appointment superseding her previous appointment at a salary of forty-one and two-thirds dollars (\$41.66) a month. (November 5, 1913.)

Hayes, James B., Mechanician and Instrument Maker in the Department of Physics, at a salary of ninety dollars (\$90) a month, beginning September 1, 1913, and continuing until further notice; this appointment superseding his previous appointment at seventy dollars (\$70) a month. (September 20, 1913.)

Holley, C. E., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

<sup>\*</sup> The date in parenthesis is the date on which the appointment was made by the President of the University. † Appointment made by Vice-President Kinley.

Johnson, Gertrude E., Stenographer in the Registrar's Office, at a salary of sixty dollars (\$60) a month, beginning November 1, 1913; this appointment superseding her previous appointment at fifty-five dollars (\$55) a month. (November 5, 1913.)

Lichty, Lester C., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

Lukens, William P., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

Merica, Paul D., Temporary Assistant on the Scientific Staff of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, for four months beginning March 1, 1914. (April 20, 1914.)

†Nagle, Sybil, Stenographer in Professor Mosier's office, beginning April 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (April 11, 1914.)

1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (April 11, 1914.)

Reece, Ernst J., Instructor in the Summer Session of the Library School, for six weeks beginning June 22, 1914, at a salary of one hundred seventy-five dollars (\$175) for the session. (March 12, 1914.)

Richardson, Kobert K., of Beloit College, to give instruction in History in the Summer Session of 1914, at a salary of three hundred dollars (\$300) for the session. (April 17, 1914.)

Riggs, Bess, Stenographer in the Administrative Office of the College of Agriculture, beginning March 1, 1914, at a salary of thirty-five dollars (\$35) a month; this appointment superseding her former appointment with a salary of thirty dollars (\$30) a month. (March 12, 1914.)

Robertson, W. S., to give instruction in History in the Summer Session of 1914, at a salary of three hundred dollars (\$300) for the session. (April 17, 1914.)

1914.)

†Simmonds, W. E., Laboratory Assistant in Hydrotherapy in the Laboratory of Dr. Fantus in the College of Medicine; to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6, 1914.)

Smith, Harvey E., Instructor in the Miners' and Mechanics' Institutes, beginning when he reports for duty and continuing until April 1, 1915, at a salary of one hundred fifty dollars (\$150) a month. (March 17, 1914.)

Valentine, H. D., Assistant in Chemistry, beginning March 1, 1914, at a salary of sixty dollars (\$60) a month, this appointment superseding his former appointment as Graduate Assistant. (March 16, 1914.)

White, Loretta, Stenographer in the Department of Dairy Husbandry, at a salary of seventy dollars (\$70) a month, beginning November 1, 1913; this appointment superseding her previous appointment at sixty-five dollars (\$65) a month. (November 5, 1913.)

Young, Everett G., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

### APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS.

The secretary presented also for record the following list of appointments to graduate scholarships and fellowships for the academic year 1914-15, made by the Vice-President of the University as authorized by the Board of Trustees at its meeting of March 10, 1914 (page 735):

Agronomy	.William A. Albrecht, scholarship\$250	00
	wallace Maciarlane, lellowship 400	UU
	Frank A. Wyatt, fellowship 400	
	. Hubbard K. Gayle, scholarship 250	
	A. L. Jerdan, scholarship	
	Tom O'Mara, scholarship	
Botany		
	Esther Young, scholarship	
	Samuel Rusoff, scholarship	
Chemistry	St. Elmo Brady, fellowship 350	
•	Karl A. Clark, fellowship	
	Oscar E. Harder, fellowship350	
•	Joseph W. Howard, fellowship 350	
	Robert W. Hendel, Jr., scholarship 250	
	Robbins Russell, scholarship 250	
	Clarence Scholl, fellowship 350	
	Herbert A. Winkelmann, scholarship 250	
Classics	.Augustus H. Brunelle, scholarship 250	
	Odessa M. Myers, scholarship 250	
	Kathryn Williams, scholarship 250	00
Economics	.Clare E. Griffin, scholarship 250	00
	Burley F. Lamb, fellowship 350	00
	Harry R. Mirick, scholarship 250	00
	Lewis E Voung fellowship 500	00
Education	Charles E. Holley, fellowship 400	
	Henry D. TerKeurst, scholarship 250	00

<sup>†</sup> Appointment made by Vice-President Kinley.

# APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS—CONCLUDED.

	Samuel P. Boonstra, scholarship\$		
	Harry A. Wiersema, scholarship		
	Frank E. Richart, scholarship		00
(E.E.)	Raymond W. Owens, scholarship	250	00
	Ernest A. Ried, scholarship	250	00
English		250	00
•	Esther M. Colvin, scholarship	250	00
	Delmar G. Cooke, scholarship	250	00
	Ruth M. Hefferman, scholarship	250	00
	Mae A. Tenney, scholarship	250	00
	Mark A. Van Doren, scholarship	250	00
	Esther G. Wiseman, scholarship	250	00
Entomology	Edna Mosher, fellowship	450	00
	Philip Garman, fellowship	350	00
	Clyde C. Hamilton, scholarship	250	00
German	Floy F. Cutler, scholarship	250	00
	Alice Meier, scholarship	250	0.0
	Daniel F. Pasmore, fellowship		00
History	Karl D. Lee, scholarship	250	00
	Edith A. McCoy, fellowship	300	ŎŎ
	Franklin C. Palm, scholarship		00
	Wayne E. Stevens, fellowship	350	ŎŎ
	Floyd B. Streeter, fellowship		ŎŎ
	Frederick C. Swanson, scholarship		ŏŏ
	Leila O White scholarshin	250	
Household Science	Marie B. Miller, scholarship	250	ŏŏ
	Rarnica Wait scholarshin	250	ŏŏ
Mathematics	Albert Babbitt, scholarship	250	ŏŏ
	Chester C. Camp, scholarship	250	ŏŏ
	Elmery C. Farver, scholarship	250	ŏŏ
•	Erma L. Elliott, scholarship	250	ŏŏ
	George Rutledge, fellowship	500	ŎŎ
Philosophy	Ethel E. Sabin, fellowship	300	ŏŏ
Physics	Paul L. Bayley, fellowship	350	ŎŎ
1113 0100 11111111111111111111111111111	Charles S. Fazel, scholarship	250	ŏŏ
			ÕÕ
	Leslie A Pinckney scholarshin	250	ÕÕ
Political Science	Niels H. Debel, fellowship	350	ŏŏ
z ontropia sociate management	William A. Dunham, scholarship	250	ŏŏ
	Allen S. Wilber, fellowship	350	00
	Quincy Wright, fellowship	450	ŎŬ
Psychology	Helen Clark, fellowship	350	ÕÕ
	Gordon Watkins, scholarship		ŏŏ
Zoölogy	Frank Blair Hanson, fellowship	250	ÕÕ
	Morris J. Kernall, fellowship	350	ŏŏ
	James E. Kindred, scholarship		00
,	Minna E. Jewell, scholarship		
	Horace W. Stunkard, fellowship		00
	Minnie E. Watson, fellowship		
	minino 12. Wattout, Tellowellip	200	00

## HONORARY FELLOWSHIPS.

Entomology	. :	Newell	.Remission	of	fees
ZoölogyCharles	T	. Senay	.Remission	of	fees

### RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.\*

Walter A. Gatward, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).

Lester C. Lichty, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).

William P. Lukens, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).

Everett G. Young, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).

The board adjourned.

W. L. Abbott, President.

### H. E. CUNNINGHAM, Secretary.

<sup>\*</sup> Appointments made by the President of the University, March 17, 1914.

# Meeting of June 9, 1914.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, June 9, 1914, beginning at 10 A.M.

The following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Dr. Montgomery, Mr. Moore, Mr. Trevett and Miss Watson. President James was present, and, also, during the greater part of the day, Prof. J. M. White, Supervising Architect.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the special meeting of April 22, 1914. On motion of Mrs. Henrotin, the minutes were approved as printed on pages 745-752.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The President of the University presented the following matters:

### PURCHASE OF BARNES AND FORBES PROPERTIES.

(1) A statement that, in accordance with the directions of the Board of Trustees, the comptroller had purchased:

1. The property in Champaign known as the Barnes lots, bounded on the east by Wright Street, on the south by Healy, on the west by Sixth and on the north by the interurban right-of-way, described in the deed as "Block 6 of J. S. Wright's addition to the city of Champaign, except the north 14 feet of said Block 6." The sum of \$14,000 will be paid for these lots.

2. The property in Urbana known as the Forbes property, consisting of two lots and the dwelling-house thereon, lying north of the interurban right-of-way, south of Springfield Avenue, and directly east of Matthews Avenue. The sum to be paid for this property is \$10,000.

### BOTANY AND ZOOLOGY LABORATORIES.

(2) A request for authority to proceed with the construction of the botany and zoology laboratories.

Professor White stated that the original intention of placing the greenhouse, insectary, and vivarium for the Departments of Botany and Zoölogy on the Forbes property had been found impracticable, and that it would be necessary to devote the Forbes property to the work in botany, and to give over the Barnes property, with the exception of a strip along the interurban tracks which was reserved for a storehouse, to the work in entomology and zoölogy. Professor White presented the detailed plans for both buildings. Professor Forbes, of the Department of Entomology; Professors Zeleny and Ward, of the Department of Zoölogy, and Professors Hottes and Stevens, of the Department of Botany, presented, in the order in which their names appear, the work to be done by their departments in the proposed buildings.

On the recommendation of President James and on motion of Dr. Montgomery, the plans for the Botanical Laboratory, including the reconstruction of the Forbes house, the building of the glasshouses, and the installation of equipment as recommended by the supervising architect, were approved, and the supervising architect was authorized to proceed with the construction of the laboratory at an estimated cost of twenty thousand dollars (\$20,000). The appropriation was made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

On the recommendation of President James and on motion of Mrs. Henrotin, the plans for the Zoölogical Laboratory were approved, and the supervising architect was authorized to proceed with the construction of the laboratory and pond and insectary on the Barnes property at an estimated cost of forty-five thousand dollars (\$45,000). The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

### RELEASE OF MINOR BUILDINGS.

Professor White presented a letter from Mr. James B. Dibelka, State Architect, under date of November 3, 1913, and requested that the following paragraph be printed in the minutes:

"Replying to your favor of the 1st, I am not including the library nor the boiler-house, nor any other minor work."

Professor White stated that he had interpreted this to release the plans for the smaller buildings, such as the laboratories for the Departments of Botany and Zoölogy and others of about the same cost.

### PROPOSED SALE OF LAND.

Mr. Trevett stated that he had been asked whether the University would sell the north eighty acres of the Busey quarter-section recently purchased by the University. Mr. Trevett moved that the Finance Committee be authorized to sell the eighty acres in question for one hundred twenty thousand dollars (\$120,000). The motion was rejected by the following vote: Ayes, none; noes, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; not voting, Mr. Abbott, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The board took a recess at 12:30 P.M. for luncheon.

### AFTERNOON SESSION.

When the board re-convened at 1:45 p.m., the same members were present as during the morning session.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

(1) A statement concerning the graduation of Mr. Foster North, a former student of the class of 1885 who was dismissed from the University after he had completed thirty-seven credits for refusal to attend chapel.

On motion of Mrs. Henrotin, it was voted that the board would approve a recommendation to confer the degree of B.S. on Mr. Foster North, as of the class of 1885.

### SITE ASSIGNED FOR GREGORY MEMORIAL BUILDING.

(2) The following letter from Dr. Thomas J. Burrill: Edmund J. James, President, University of Illinois.

Dear Sir: As you know, the Memorial Committee of the Alumni Association has agreed to try to raise \$150,000 for a Gregory Memorial Building and Art Collection and has started activities upon the understanding that the trustees will furnish a site on the campus for such building.

On behalf of the committee and of the association, I hereby request that action be taken by the trustees in effect like the following:

Since the Alumni Association of the University of Illinois has undertaken through regularly constituted channels to raise \$150,000 for a Gregory Memorial Building and Art Collection and has expressed a preference for a building site, therefore be it resolved:

(1) That the action of the Association in this relation meets our hearty com-

mendation and approval.

mendation and approval.

(2) That the site represented on the new campus plans by the east and west wing of the L-shaped building ground plan west of the Auditorium and south of Lincoln Hall be assigned for said memorial building, and that permission is hereby given for the publication of such assignment.

This definite action is asked for as an aid in conducting a campaign for subscriptions and to show the favor of the trustees. I may say that I visited last week the University of Michigan, where such a memorial building has recently been erected on the campus at the expense jointly of the Alumni Association and the Board of Regents (Trustees), the latter contributing \$50,000 of the total cost of \$206,000. It too is used in large part for art collections, of which they now have a fine display. The building, which is a notable one, and its contents are a great inspiration to the higher life of the University.

Very truly yours,

Very truly yours, T. J. BURRILL, Director of Campaign.

On the recommendation of President James and on motion of Mr. Hoit, the board voted to approve the request of Dr. Burrill and to assign the site immediately west of the Auditorium and south of Lincoln Hall as a location for the proposed Gregory Memorial Building.

### SITE ASSIGNED FOR SMITH MEMORIAL MUSIC BUILDING.

(3) The following communication from Mr. Thomas J. Smith, a former trustee of the University:

URBANA-CHAMPAIGN, ILL., June 8, 1914.

URBANA-CHAMPAIGN, ILL., June 8, 1914.

To the Board of Trustees, University of Illinois:

It has been my purpose, for a little more than ten years past, to provide means for the erection of a music building on the grounds of the University of Illinois as a memorial building to my wife. Inasmuch as she was something of a musician herself and was greatly interested in the success and welfare of the University, and an absolutely devoted friend of the University, I know of no better way to perpetuate her memory than to say to the Board of Trustees that I have provided in my will such sum of money as may result from the closing of my estate, after the payment of expenses and minor bequests, which I am hoping shall not be less than \$200,000. While I am in no sense a musician, there is nothing dearer to my heart than the development of music. It is the greatest thing in the world and contributes more to the happiness and pleasure of people than anything within my knowledge, aside from the necessary living expenses of human beings.

I am aware that building space on the campus is becoming a matter of great

human beings.

I am aware that building space on the campus is becoming a matter of great concern to the Board of Trustees and to the authorities of the University, and I make this communication to the board, asking that if the board approves the enterprise which I propose, they make an assignment of space for the erection of a building which I hope may soon materialize.

I have been shown the site, by the President and Professor White, east of the Auditorium, corresponding to the site west of the Auditorium which the alumni desire for the Gregory Memorial Building, and the site is very satisfactory to me. I would therefore ask that, if the board favorably considers these suggestions, the particular space of ground be assigned for that building.

Most respectfully submitted,

Thomas J. Smith.

THOMAS J. SMITH.

On the recommendation of President James and on motion of Dr. Montgomery, the site immediately east of the Auditorium was assigned as a location for the Tina Weedon Smith Memorial Building for the School of The President of the University was instructed to convey to Mr. Smith the thanks and appreciation of the Board of Trustees.

### LOCATION OF WOMEN'S RESIDENCE HALLS.

At this point the question of the location of the women's residence halls was introduced. Mrs. Busey offered the following resolution:

Resolved, That the board express its preference for the Nevada Street site for the Women's Residence Hall and direct the Finance Committee to secure options for the purchase of lots 23, 24 and 25 on the south side of Nevada Street, between Matthews and Lincoln avenues.

Mrs. Evans moved to amend by the substitution of the Armstrong site for the Nevada Street site. The amendment was lost by the following vote: Ayes, Mrs. Evans; noes, Mr. Abbott, Mrs. Busey, Mr. Hoit, Mr. Montgomery, Mr. Moore; not voting, Mrs. Henrotin, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The original motion was then passed by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James resumed the presentation of matters for the consideration of the board as follows:

#### HEATING APPARATUS FOR ARMORY.

(4) A schedule of bids for the heating apparatus for the new Armory, with a recommendation from the Supervising Architect that the contract be awarded to the low bidders, the Carson-Payson Company, and that the contract for temperature control be awarded separately to the Powers Regulator Company.

#### SCHEDULE OF BIDS.

	<u></u>		Deduct.		
Carson-Payson, Cham-	Bid.		Tem. control.	Net amount.	Time completed.
paign	\$17,300	00	\$1,100 00	\$16,200 00	Oct. 15, 1914
Reliable Plumbing & Heating Co	17,500	00	1,172 00	16,328 00	Sept. 10, 1914
Fitzpatrick & Hoepfner, Columbus, Ohio	17,639	00	900 00	16,739 00	Jan. 1, 1915
Urbeuer-Atwood Heating Co., St. Louis, Mo	17,350	00	1,050 00	16,300 00	Dec. 1, 1914

On motion of Mr. Hoit, the contract for furnishing and installing the heating apparatus in the new Armory was awarded to the Carson-Payson Company, for the sum of sixteen thousand two hundred dollars (\$16,200), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### TEMPERATURE CONTROL FOR ARMORY.

On motion of Mr. Moore, the contract for furnishing and installing the apparatus for temperature control in the new Armory was awarded to the Powers Regulator Company, for the sum of nine hundred seventy dollars (\$970), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

At this point Mrs. Busey withdrew.

#### CONCRETE FLOOR AND STUCCO ENDS FOR ARMORY.

(5) A recommendation from the Supervising Architect that the items of six thousand dollars for a concrete floor in the new Armory, and of one thousand five hundred thirty-two dollars for the application of stucco with a cement gun to the ends of the Armory, which were incorporated in the original bid of N. H. Shields for the construction of the ends of the Armory but which were not accepted by the board when the contract was awarded, be now accepted. [See page 699.]

On motion of Mr. Hoit, the supervising architect was authorized to award a contract to Mr. N. H. Shields for a concrete floor in the Armory for six thousand dollars (\$6,000) and for the use of the cement gun in applying stucco to the ends of the Armory for one thousand five hundred thirty-two dollars (\$1,532). The vote (taken separately on each item) was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### STUCCO FINISH FOR NORTH AND SOUTH SIDES OF ARMORY.

(6) A recommendation from the Supervising Architect that the north and south sides of the Armory be finished with stucco applied with the cement gun at a cost of twenty-five hundred dollars.

On motion of Mrs. Henrotin, the supervising architect was authorized to contract for the finishing of the north and south sides of the Armory with stucco applied with the cement gun, at a cost of twenty-five hundred dollars (\$2500). The vote was as follows: Ayes, Mr. Abbott, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### LIGHTING SYSTEM FOR THE ARMORY.

(7) A recommendation from the Supervising Architect that the sum of five thousand dollars be appropriated for the installation of the lighting system in the new Armory.

On motion of Mrs. Evans, the sum of five thousand dollars (\$5,000) was appropriated for the installation of the lighting system in the Armory. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### DOUBLE GLAZING, WINDOWS IN ENDS OF ARMORY.

(8) A recommendation from the Supervising Architect that the sum of seven hundred dollars be appropriated for double glazing the windows in the ends of the Armory.

On motion of Mr. Hoit, the sum of seven hundred dollars (\$700) was appropriated for double glazing the windows in the ends of the Armory, by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PROPOSED DESIGN FOR EDUCATION BUILDING.

(9) A communication from Mr. James B. Dibelka, State Architect, with a sketch of the design for the building for the School of Education.

After inspection of the plans and discussion of the points involved in the construction of a building of the design submitted, the board voted, on motion of Mrs. Henrotin, to instruct the supervising architect to inform the State Architect that the design submitted was not satisfactory.

#### EXTENSION OF TUNNELS FOR HEAT AND LIGHT.

(10) A recommendation from Professor White that the sum of seventeen thousand six hundred dollars be appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall.

On motion of Mr. Moore, the sum of seventeen thousand six hundred dollars (\$17,600) was appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REPAIRS ON OLD ARMORY.

(11) A recommendation from the Supervising Architect that as soon as the Military Department is transferred to the new Armory the old Armory be turned over to the Department of Physical Training.

On motion of Dr. Montgomery, the recommendation of the supervising architect was approved and the sum of twenty-five hundred dollars (\$2,500) was appropriated for repairs and improvements necessary to fit the building for the use of the Department of Physical Training. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ORGAN LOFT FOR AUDITORIUM.

(12) A recommendation from the Supervising Architect that the sum of nine thousand five hundred dollars be appropriated for preparing the Auditorium for the installation of the new pipe organ. This includes the organ-chamber, the grills and decorating, and also the work of remedying acoustic defects.

On motion of Mrs. Henrotin, the sum of nine thousand five hundred dollars (\$9,500) was appropriated for preparing the Auditorium for the installation of the pipe organ. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Abbott, being called from the room, asked Mr. Moore to take the chair.

#### FINISHING ADDITIONAL ROOMS IN LINCOLN HALL.

(13) A recommendation from the Supervising Architect that the northeast and southeast corner rooms on the top floor of Lincoln Hall be finished off for use, at a cost of one thousand dollars.

On motion of Mrs. Henrotin, the sum of one thousand dollars (\$1,000) was appropriated for finishing the northeast and southeast corner rooms on the top floor of Lincoln Hall. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne. Mr. Meeker.

At this point Mr. Abbott returned and resumed the chair.

### OPENING OF STREET THROUGH PHARMACY LOT.

(14) A request from the Board of Local Improvements of the city of Chicago that the University of Illinois dedicate for the opening of a street a strip of land to the city from the lots which it owns on Fairfield Avenue and Forty-seventh Street in the city of Chicago.

On motion of Mrs. Evans, this request was referred to the President of the Board of Trustees for investigation and report.\*

#### CHANGES IN MECHANICAL PLANT, COLLEGE OF MEDICINE.

(15) A request from the Supervising Architect for authority to change the mechanical plant in the building of the College of Medicine in Chicago so as to make it a low pressure heating system, with the expectation of buying the electricity needed in the conduct of the college. The cost is estimated at \$5,080. It is believed that a saving of approximately \$2,000 a year may result from this change.

Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.

Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.

Dear Sir: Agreeable to instructions given by the Board on April 22, I, in company with Professor Day, of the School of Pharmacy, inspected the lot owned by the University between Forty-seventh and Forty-eighth Streets and between Rockwell Street and California Avenue, in the city of Chicago. This inspection was made as a result of a notice received from the Board of Public Improvement of the city of Chicago, advising it was proposed to have Fairfield Avenue cut through from Forty-seventh to Forty-eighth Street, in which case one-half of the street, or a strip 33 feet wide, would be taken off of our property, reducing its width from 8 rods to 6 rods.

I find that the lot in question is located in that part of the city generally known as Gage Park, which, because of lack of drainage, is liable to be covered with water during rainy seasons, although these conditions have been somewhat improved of late by the construction of a large main sewer on Halsted Street about one-half mile distant from our property.

The streets in that locality are, for the most part, unimproved and there is a great deal of unsubdivided and vacant property in the neighborhood, and on the whole the property is not immediately desirable and offers very little promise for the near future; and if Fairfield Avenue is cut through, as is proposed, there will, in the course of time, follow assessments for improvements amounting to \$3,000 or \$4,000. But as the only hope for the property is to have it subdivided and sold off, and as this would be impossible without Fairfield Avenue being improved, both Professor Day and I favored having the street opened, and, at my request, Professor Day appeared before the Board of Public Improvements and stated to the Board that the University would donate a strip two rods wide providing the street were opened from Forty-seventh to Forty-eighth Street, and as no objection was raised at the hearing, Fairfield Avenue will probably be cut through

<sup>\*</sup> Since the meeting of the Board the Secretary has received the following report for the President of the Board concerning the opening of the street thru the Pharmacy lot— June 30, 1914.

On motion of Dr. Montgomery, the supervising architect was authorized to change the heating plant in the building of the College of Medicine so as to make it a low pressure heating plant and to arrange for the purchase of electricity and for the sale of the discarded parts of the present equipment, and the sum of five thousand eighty dollars (\$5,080) was made to meet the expenses of the change. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mr. Abbott; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REMODELING CHEMISTRY LECTURE ROOM.

(16) A recommendation from the Supervising Architect that he be authorized to remodel the lecture-room in the present chemical laboratory so as to make the floor fireproof and provide ceiling light, which will be necessary because of the closing of some of the windows by the proposed addition to the chemical laboratory. The estimated cost is \$5,000.

On motion of Mr. Hoit, the supervising architect was authorized to let contracts for the remodeling of the chemistry lecture-room addition at a cost not to exceed five thousand dollars (\$5,000), the sum expended to be charged to the appropriation for the addition to the Chemistry Building. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### APPROPRIATION FOR CATALOGING IN LIBRARY.

(17) A request from the University Librarian for an appropriation of \$1,040 for extra service in the University library during the summer in order to expedite the work of cataloging, which is falling into arrears.

On the recommendation of President James and on motion of Mrs. Henrotin, the sum of one thousand forty dollars (\$1,040) was appropriated for extra service in the cataloging department of the University Library. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### CO-OPERATION CERAMICS INVESTIGATION.

(18) A request from Mr. R. T. Stull, Acting Director of the Courses in Ceramics, for an appropriation of \$2,000 for investigating the coal measure shales of the State, in cooperation with the State Geological Survey.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to approve bills to the amount of two thousand dollars (\$2,000), or such part thereof as may be necessary, for doing this work. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### TRANSFER OF AGRICULTURAL FUNDS.

(19) A recommendation from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station that \$200 of the Hatch money appropriated to the nitrogen fixation experiments be transferred to the Department of Dairy Husbandry, and that \$70 of the Adams money for the administration fund be transferred to the Department of Animal Husbandry.

On motion of Mr. Hoit, this transfer of funds was ordered.

### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(20) A request from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, with reference to the constitution and appointment of certain advisory committees. This matter was presented to the board on December 13, 1913 (see page 669) and consideration was deferred at the request of Governor Dunne.

The Governor has indicated in letters to Dean Davenport and to me that he is in favor of the establishment of these advisory committees. The following letter has just been received from the Governor:

has just been received from the Governor:

Springfield, Ill., June 8, 1914.

Dear President James: I have yours of the 6th instant, and regret to say that owing to the press of public business it will be impossible for me to be at the meeting of the Board of Trustees at Urbana, on Tuesday, June 9.

I am satisfied that the agricultural advisory committees are a valuable acquisition to the University officials, and am in favor of their continuance, provided they can be paid for out of the appropriation allowed the University.

Very truly yours,

E. F. Dunne.

E. F. DUNNE.

Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.

On motion of Mr. Moore, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station were adopted as printed above on page 669.

#### ENTRANCE REQUIREMENTS, SCHOOL OF PHARMACY,

(21) A recommendation that the requirements for admission to the School of Pharmacy of the University of Illinois be advanced to include graduation from an accredited high school with fifteen acceptable units, to be in effect for the academic year beginning September 1, 1916.

On motion of Mrs. Henrotin, this recommendation was approved.

#### ORGANIZATION OF ADDITIONAL COMPANIES IN THE CADET REGIMENT.

(22) The following letter from the Professor of Military Science:

April 1, 1914.

The President, University of Illinois.

Sir: I have the honor to request authority to organize four additional companies in the cadet regiment at the beginning of the next year, September, 1914. One company will be added to each battalion, necessitating twelve (12) extra officers and therefore twelve (12) military scholarships.

When 1,297 men actually drilling at the beginning of this semester in the 16 companies of infantry, we could have had 20 companies of 64 men each. General Order No. 70, War Department, Par. 22, states that companies should not ordinarily exceed 58 men which is the maximum of the National Guard companies.

companies.

These companies cannot be organized into a fifth battalion on account of scarcity of officers, but this can be done the following year and the addition of the new Armory will facilitate the handling of another battalion.

Sixteen companies as at present gives an average of 81 per company, which is too large for proper handling by inexperienced officers. Similar companies will give greater efficiency in the regiment and cause the training of more officers for service with the reserves or volunteers.

Very respectfully

Very respectfully, F. D. WEBSTER

Major of Infantry, Professor of Military Science.

On motion of Mrs. Evans, the commandant was authorized to organize four additional companies in the cadet regiment at the beginning of the next academic year, in September, 1914, with the understanding that twelve extra officers and twelve military scholarships shall be provided for in the budget for the coming year.

### TRANSFER OF FUNDS TO ENGINEERING EXPERIMENT STATION.

(23) A request from the Dean of the College of Engineering for the transfer of \$900 from the appropriation for theoretical and applied mechanics in the College of Engineering to the appropriation for theoretical and applied mechanics in the Engineering Experiment Station.

On motion of Dr. Montgomery, this transfer was ordered.

### RESEARCH UPON SPECIAL COMMERCIAL PROBLEMS.

(24) A letter from the Dean of the Graduate School concerning the policy of using money to conduct research upon special commercial problems. April 29, 1914.

President E. J. James.

DEAR MR. PRESIDENT: A year ago certain difficulties arose in connection with the work of a student employed in doing so-called research work for the canning industry when he attempted to count his work towards the master's degree. The executive faculty of the Graduate School has discussed from time to time the whole proposition of accepting money to conduct research upon special commercial problems, and at its meeting on Friday, April 24, voted to make the following

recommendation:

1. That no arrangements for accepting money from private sources, to be paid out as a fellowship stipend in return for the prosecution of research in any line, shall be completed without the approval of the executive faculty of the Graduate

School.

2. That no donation of money shall be accepted by the University from private accepted by the University from private in any lines in which the donors 2. That he donation of money shall be accepted by the University from private sources for the purpose of prosecuting research in any lines in which the donors are commercially interested, except on the agreement that the results of the research are the property of the University and must be treated like other scientific research, in so far as concerns the right of the University to publish them or not to publish them, without reference to the needs or wishes of the donor of the gift.

I submit this with the request that it be transmitted, if you approve, to the Board of Trustees for adoption as declaring the policy of the University in such matters.

DAVID KINLEY

On motion of Dr. Montgomery, the foregoing action of the Executive Faculty of the Graduate School was approved.

#### OFFER FROM GENERAL ELECTRIC COMPANY.

(25) The following statement:

Professor Ernst Julius Berg has requested me to ask the Board of Trustees whether they would be willing for the General Electric Company, of Schenectady, N. Y., to make an arrangement with a member of the staff of the Engineering Experiment Station, by which he should take out a patent on a certain valuable discovery which he seems to have made in the course of his investigations. It is understood that if he does he will assign the patent to the General Electric

understood that if he does he will assign the patent to the General Electric Company.

They will undertake to reimburse the University for the expense involved in the work which the member of the staff has been carrying on, including his salary during the time he was making this investigation. They will also pay him a certain sum for his work and offer him a position with the company.

The discovery he has made is, of course, of problematical value. In the opinion of the company, it would have no special value if simply published as an ordinary scientific bulletin, since it would take a large sum of money to determine by actual experiment on a commercial scale whether the discovery has any practical significance, and no individual or company will undertake to make this experiment unless it could be reasonably sure that if it turned out to be valuable, it could have control of the discovery, at least for a time, which would return to the company the expenditure involved in the experimentation.

It is believed by the company that it would be well to adopt some such plan in connection' with scientific investigation in the University laboratories; i. e., a scheme under which the University would receive back the money expended upon such investigation, under which the investigator should have the opportunity of a special pecuniary return for his work, and under which it would be possible to secure the practical utilization of such discoveries which would generally depend upon the possibility of having exclusive use of such discoveries or possible nventions for a limited time.

I doubt whether such an arrangement would commend itself to the people of the State of Illigios and I shall refuse the offer unless the board otherwise directs.

I doubt whether such an arrangement would commend itself to the people of the State of Illinois, and I shall refuse the offer unless the board otherwise directs. No action was taken concerning this matter.

### STREET CAR LINE EAST OF FORESTRY.

(26) A request from Hon. William B. McKinley, on behalf of the Urbana Railway, Gas and Electric Company, for permission to run a street car line south on Lincoln Avenue on the parking east of the Forestry.

On the recommendation of President James and on motion of Mr. Hoit, this request was referred to the Committee on Buildings and Grounds for consideration and report.

#### GIFT OF COLLECTION OF ALGAE.

(27) A letter from Professor Trelease stating that Mrs. Mary Snyder, of LaJolla, Cal., has presented to the Department of Botany of the University a complete set of one of the great published collections of algae—the Phycotheca Boreali-Americana of Collins, Holden, and Setchell.

On motion of Mrs. Evans, the gift was accepted and the President of the University was authorized to express the thanks of the Trustees of the University for this gift.

### REAPPROPRIATION OF AGRICULTURAL FUNDS.

(28) A recommendation that the balances of the receipts in the College of Agriculture amounting to \$1,665.90, and in the Agricultural Experiment Station,

amounting to \$8,308.57, which lapsed under the rule of the board concerning the appropriation of balances on June 30, 1913, be reappropriated to the respective departments in the conduct of whose business the amounts were received.

On motion of Mr. Hoit, the lapsed balances in the College of Agriculture, amounting to one thousand six hundred sixty-five dollars and ninety cents (\$1,665.90), and in the Agricultural Experiment Station, amounting to eight thousand three hundred eight dollars and fifty-seven cents (\$8,308.57), were reappropriated to the respective departments in which they had been received. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

### ADDITIONAL APPROPRIATION FOR EMERGENCY HOSPITAL.

(29) A recommendation that a supplementary appropriation of \$1,500 be made to defray the expenses connected with the establishment and conduct of the emergency hospital and the measures which were taken in the scarlet fever situation.

On motion of Mr. Hoit, the sum of fifteen hundred dollars (\$1,500), or so much thereof as may be necessary, was appropriated to defray the expenses of the emergency hospital. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ALLEY VACATED.

(30) A statement concerning the alley on the site of the Education Building: The City Council of Urbana vacated an alley running through the proposed site of the School of Education Building on condition that the Board of Trustees provide a new alley running to the south. [See minutes of the meeting of March 10, 1913, page 723.]

I recommend that the officers of the banklo ground of Trustees be authorized to convey the theories of the public ground elegation of the provider of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the public ground of the ground of the public ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the ground of the

I recommend that the officers of the Board of Trustees be authorized to convey to the city of Urbana, for the use of the public as an alleyway, a strip of ground from the east side of Lot 8 and west side of Lot 9, in Block 55, in the Seminary Addition to the city of Urbana, of a uniform width of 16½ feet, and extending from the north line of said lots to Springfield Avenue.

On motion of Mr. Moore, the officers of the board were authorized to convey the strip of ground described above to the city of Urbana. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### RECOMMENDATIONS OF THE UNIVERSITY SENATE.

(31) The following recommendations of the University Senate:

#### CERAMICS TRANSFERRED TO THE COLLEGE OF ENGINEERING.

(a) A recommendation that the administration of the Courses in Ceramics be transferred, as soon as may be convenient, from the College of Liberal Arts and Sciences to the College of Engineering.

On the recommendation of President James and on motion of Mr. Hoit, the President of the University was authorized to transfer the administration of the Courses in Ceramics to the College of Engineering.

# DEGREE OF BACHELOR OF SCIENCE IN THE COLLEGE OF MEDICINE.

((b) A recommendation that the faculty of the junior college of the College of Medicine be authorized to recommend as candidates for the Degree of Bachelor of Science, those students who offer two years of acceptable college work for admission to the College of Medicine and complete the two years of scientific work in medical subjects and subjects preparatory to medicine which are offered in the junior college; with the understanding that the same students, upon the completion of the two additional years in clinical work offered in the senior college, may be recommended by the faculty of the senior college for the Degree of Doctor of Medicine.

On the recommendation of President James and on motion of Mrs. Evans, authority was granted the junior college of the College of Medicine to recommend candidates for the degree of Bachelor of Science as requested.

#### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

(c) The following resolution:
That it is the sense of the Senate that the business courses of the University
should be organized as a separate college of commerce and business administration,
or under some other name of like import.

On the recommendation of President James and on motion of Mrs. Henrotin, the above recommendation was approved and the President of the University was authorized to proceed as rapidly as may be convenient with the organization of such a college.

#### REQUIREMENTS FOR ADMISSION.

(d) A recommendation that on and after September 1, 1916, all students must present 15 acceptable units of high school work for admission to the University. For the year beginning September 1, 1915, a student who lacks 1 of the 15 units required for matriculation may be entered as a conditioned freshmen, but this condition must be removed during the first year.

Candidates for admission without examination must be graduates of accredited secondary schools. Candidates for admission who present 15 units from approved secondary schools but who are not graduates of the same must be examined in the following subjects:

Additional subjects amounting to 3 units to be chosen by the University authorities controlling entrance examinations. An application for admission to the University in the courses leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music, must offer fifteen (15) acceptable units of high school or other secondary school work so chosen as to include: I. Certain subjects, comprised in List A, prescribed by all the undergraduate colleges, namely: List A. English literature and composition ..... Algebra
Plane geometry Physics, or chemistry, or botany, or zoology, or physiology, with laboratory Units. For the College of Liberal Arts and Sciences for the courses in General Science and in Chemistry— Engineering-Science .... German
For the College of Engineering—
Advanced algebra
Solid geometry Solid geometry ......For the College of Agriculture— 1 Foreign language (both units in the same language)...... Music ..... III. Enough electives chosen from List B below to make, with the subjects prescribed for all colleges (List A) and those prescribed by the individual college of the student's choice, a total of twelve (12) units in academic subjects. Latin

Greek
French
German
Spanish
English (4th unit)
Advanced algebra
Solid geometry
Trigonometry
History
Civics
Economics and economic history
Commercial geography
Astronomy List B. Units. 1

Botany	List B.		Units. $\frac{1}{2}$ —1
Chemistry	. <b></b>		19
Geology Physics	. <b></b>		$\frac{\frac{1}{2}-1}{1}$
Physiography Physiology			½ <u>1</u>
20010gy			$\frac{1}{2}$ — $\frac{1}{2}$ — $\frac{1}{2}$
IV. Three (3) units chosen from		m List C below.	
•	List C.		Units.
Agriculture			1 —2
BookkeepingBusiness law			1 1/2
Domestic science			1
Drawing Manual training			1 ½—1 1 —2
Music			$\begin{array}{cccccccccccccccccccccccccccccccccccc$
After September 1, 1916, no stud			

lacks 15 acceptable units including the 6 units of List A and 6 units from List B. A student deficient not more than 2 units in the special prescriptions of the college which he desires to enter may be admitted to such courses as he is prepared to take, provided that such deficiencies must be made up within one year.

On the recommendation of President James and on motion of Mrs. Henrotin, the requirements for admission as outlined above were approved.

#### REQUIREMENTS FOR GRADUATION. COLLEGE OF LIBERAL ARTS AND SCIENCES.

(e) A recommendation that the following conditions for graduation in the College of Liberal Arts and Sciences be established, viz:

#### Requirements for the A.B. Degree.

A. Prescribed.—Rhetoric 1; Physical Training 1 and 1a for men; 7 and 9 for women; Military Science 1 and 2 for men.

B. Group Requirements.—Every candidate must offer the minimum of work

specified in each of the following groups:

I. English (the offering in this group must include at least a one-semester

1. English (the offering in this group must include at least a one-semester course in literature).

II. Foreign Languages and Literatures.—(Exclusive of courses in translation.)

NOTE.—Candidates for the degree who have not offered Greek or Latin or French or German for entrance must offer one of these languages for graduation.

If a student has offered but two units of a foreign languages through two year courses or the equivalent. If he has offered for entrance three or more units of foreign language, he must continue the study of foreign language through one was referred for entrance three or more units of foreign language through one

foreign language, he must continue the study of foreign language through one year of his college course.

III. History, Political and Social Science.—History, Economics, Political Science, Sociology; 8 hours.

IV. Mathematics and Physical Science.—Mathematics, Astronomy (Courses with college mathematics as prerequisites), Physics, Chemistry; 8 hours.

V. Botany, Entomology, Geology, Physiology, Zočlogy; 8 hours.

VI. Education, Philosophy, Psychology; 6 hours, of which 3 shall be in Philosophy or Psychology.

C. Major Subjects.—Each candidate must select some one subject to be designated as his major. A major consists of courses amounting to 20 hours chosen from among those designated by a department and approved by the faculty of the college. Such courses are to be exclusive of those elementary or beginning courses which are open to freshmen and inclusive of some distinctly advanced work.

Work.

The subjects at present recognized as majors in this college are: Astronomy, Bacteriology, Botany, Chemistry, Classics, Education, Economics, English, Entomology, French, Geology, German Germanic Languages, Greek, History, Household Science, Latin, Mathematics, Philosophy, Physiology, Physics, Political Science, Psychology, Romance Languages, Sociology, Zoölogy.

D. Minor Subjects.—Each candidate must offer, in addition to his major, a minor of 20 hours in one or more allied subjects designated by the major department and approved by the faculty of the college. At least 8 hours must be offered in one subject

in one subject.

in one subject.

E. Elective Subjects—

1. Not more than 40 hours in any one subject may be counted for graduation, except: (a) In special courses approved by the faculty of the college; (b) when a student is writing a thesis, he may count, in addition to the 40 hours, the hours of the course in which he does his thesis work; (c) in the Department of English a student may take 40 hours in addition to Rhetoric 1.

Norm.—The total credit in Art and Design is limited to 20 hours.

2. No credit is granted in any subject unless the student pursues it for the full time required in the shortest course offered in that subject. For example, if the student elects a course which yields two hours for one semester, he must stay in the class during one semester in order to get any credit at all. In order to secure any credit in a beginning course in a foreign language, a full year's work must be completed. must be completed.

3. A limited amount of credit towards the A.B. degree is ordinarily given for courses offered in other colleges and schools of this University as follows: Physical Training—Not to exceed 5 semester hours.

Military Science and Tactics—Military Science 1 and 2,
Law—The amount of work to be credited from this college was referred to

a special committee.

Law—The amount of work to be credited from this college was referred to a special committee.

Engineering—General Engineering Drawing 1 and 2 (Mechanical Drawing and Descriptive Geometry); Theoretical and Applied Mechanics 7 and 8 (Analytical Mechanics); Mechanical Engineering 7 and 15 (Thermodynamics); Civil Engineering 10 or 21 (Surveying); Architecture 31, 32 (Architectural Drawing); Architecture 13, 14, 15, 16 (History of Architecture); Electrical Engineering 1 and 28, or 16, 6, 29. The total credit allowed in these engineering courses will not ordinarily exceed 24 hours.

Agriculture—Agricultural Extension 2 (Elementary Agriculture for teachers); Agronomy 12, Agronomy 25 (Seeds), for business students only; Agronomy 9 (Soil Physics); Farm Management 1; Agronomy 22 (Plant Breeding); Animal Husbandry 7 (Principles of Animal Nutrition); Animal Husbandry 30 (Principles of Evolution as Applied to the Improvement of Domesticated Animals and Plants); Horticulture 9 (Forestry); Horticulture 10 (Landscape Gardening); Horticulture 12 (Evolution of Horticultural Plants); Horticulture 19 (General Floriculture), for household science students only. The total credit allowed in these agricultural courses will not ordinarily exceed 14 hours.

Library Science—Library 7 (History of Libraries); 9 (Bookmaking); 2 or 12 (General Reference); 13 (Public Documents). The course in General Reference (Lib. 12) is of special value to students in the College of Liberal Arts and Sciences; Music—Music 1, 2, 3, 4, and 5 (Courses in the history and theory of music). Courses not listed under paragraphs 1 to 5 above may not be counted for the degree of A.B., except by special permission of the Dean of the College.

#### Requirements for the B.S. Degree.

Pending further action by the College of Liberal Arts and Sciences and by the Senate, students admitted to work leading to the degree of Bachelor of Science in the General Science Course, who have completed that course including a major in groups 4 or 5, together with two year courses or their equivalent in foreign language, will be graduated with the degree of Bachelor of Science. F. Bachelor's Thesis.—A bachelor's thesis is not generally required in this college. Students of high standing are, however, encouraged to write thesis in connection with their major studies. Credit toward the degree is given for thesis work only as a part of the work in some course for which the student is registered. The presentation of a thesis is specifically required of all candidates for the honor degree. degree.

On the recommendation of President James and on motion of Dr. Montgomery, the requirements for graduation from the College of Liberal Arts

and Sciences outlined above were approved.

#### RESEARCH WORK IN PHARMACY.

RESEARCH WORK IN PHARMACY.

(32) The following statement:

Dr. J. H. Beal, of Scio. Ohio, desires to locate here at the University certain research work in the field of pharmacy, for the prosecution of which he has certain funds at his disposal.

Professor Noyes, Director of the Chemical Laboratory, thinks that this work is valuable in itself and would be of considerable direct benefit to the University of Illinois, and he proposes that the University offer to Dr. Beal, free of charge, the use of two rooms in the Chemical Laboratory, suitable for laboratory and office, which it will cost about \$400 to fit up. Dr. Beal would be expected to provide his own office furniture, cases, etc. But ordinary chemicals and apparatus in moderate amount would be furnished by the University for the researches free of charge. In return for this it is understood that it is Dr. Beal's intention to appoint and pay one or more fellows, graduates of colleges or universities, who will engage in graduate study and work along lines of pharmaceutical research, such appointments being made subject to the approval of the University. These fellows may become candidates for degrees according to the regulations laid down by the graduate faculty, and will be subject to the regulations of the University in these respects. They will be granted the same privileges, as to exemption from laboratory and tuition fees, as are granted to the fellows of the University. This entire arrangement would be for a single year in order to determine as far as possible its value.

On the recommendation of President James and on motion of Mr. Moore,

On the recommendation of President James and on motion of Mr. Moore, the President of the University was authorized to arrange to have Dr. Beal come to the University for one year to conduct investigations in the field

of pharmacy.

### SUIT STOLEN FROM GYMNASIUM.

(33) A request from Mr. W. J. Robertson, 1204 John Avenue, Champaign, Ill., that the University refund to Miss Miriam Robertson the cost of a suit, which, according to her statement, was stolen from her dressing-room in the gymnasium.

It was the opinion of the Board of Trustees that, while the University will take every precaution to protect the property of students left in or about University buildings, it can not undertake to be responsible for any losses which may occur from fire, theft, or other reason. No action was taken concerning Mr. Robertson's request.

#### SMITH-LEVER BILL FOR AGRICULTURAL EXTENSION.

(34) A letter from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station concerning the administration of the funds which are likely to come to the University through the working of the Smith-Lever bill passed by the last Congress:

June 8. 1914.

Dr. Edmund Janes James, President of the University of Illinois.

DEAR SIR: On May 8, the president of the United States signed the Smith-Lever Bill entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several states receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture." (H. R. 7951) R. 7951.)

R. 7951.)

Section 2 of this bill states its purpose as follows:

"That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State Agricultural College or colleges receiving the benefits of this Act."

Under the provisions of this Act following its acceptancy by the Governor of the State, the University is entitled to receive \$10,000 for the fiscal year beginning July 1. next.

Under the provisions of this Act following its acceptancy by the Governor of the State, the University is entitled to receive \$10,000 for the fiscal year beginning July 1, next.

Further benefits are conditioned upon the states appropriating equal amounts for the general expenses set forth in the bill, but the first \$10,000 is unconditional. Together with my associates I have given much careful thought to the provisions of this bill and its possible consequences both good and evil, and I am prepared to make the following recommendations at this time:

1. That the University urge the Governor to accept the provisions of the Act so far as the first ten thousand dollars are concerned and that he designate this institution as the beneficiary, but that future benefits be conditioned upon the State's meeting the provisions of the bill independent of the mill tax fund of the University; that is, specifically, we are better off without the additional funds than we would be with them if any portion of the offset should be taken from the University mill tax.

II. That the Dean of the College of Agriculture be designated as the immediate administrative officer, through whom the funds should be administered subject to the action of the Board of Trustees upon the recommendation of the President of the University, as in all other matters; and that his title for this purpose be Director of Agricultural Extension Service.

III. That the President of the University be empowered to complete the organization by the selection and appointment of a vice-director to have charge of the immediate details of the work.

IV. That, inasmuch as the work herein begun may extend to prodigious proportions approximating the expenditure of \$275,000 annually within ten years, it is recommended that, so far as is consistent with the purposes of the Act, the actual work shall be done by members of the various departments of the college detailed for the purpose, rather than through an entirely separate extension group organized independent of existi

which should not be subordinated to possible convenience in the administration of a minor fund.

V. That inasmuch as the various departments have already been forced to set aside men for the study of questions of farm organization in which economics rather than chemistry, physics, or biology affords the underlying principles; inasmuch as the indications are strong that all these men studying along the same lines in whatever departments should be organized into a single group with a responsible head; and inasmuch as the essential features of the work contemplated by the Lever Bill are economic rather than otherwise. I therefore recommend that the President of the University be authorized to organize in the College of Agriculture a department of farm organization and administration, and that the vice-director above mentioned shall be a member of this department, possibly its head or associate to the head. (The alternate terms are agricultural economics, which seems to belong not to agriculture but to economics, and farm management, though farm organization and administration seems rather better to describe the field. The specific title is relatively unimportant at this time, but may not be later.) later.)

VI. The Federal Department of Agriculture has large funds with which it contemplates extension work similar to that provided for in the Lever Bill. It

therefore proposes a general plan of cooperation to cover all work of similar kind now or in the future to be undertaken. As the plan can be terminated at any time, I recommend that the President of the University be empowered to authorize the Director of the Agricultural Extension Service to enter into such cooperative plans, provided the cooperation and joint control does not extend to the outside activities necessarily arising out of the needs of research work, as in soil experiments carried on outside the University; that is to say, that extension work should not be made to cover everything undertaken off the University campus; and provided further than the cooperation should not interfere with any plans which the University may desire to develop for the general system of extension service.

I append a copy of the report of a committee consisting of the leading department heads now on the ground. Dr. Hopkins by letter strongly advocates the holding of all work within the limits of a single administrative machine as now, though when the matter was last discussed, he did not believe that there is such a thing as economics in agriculture aside from "common sense."

Respectfully submitted,

E. DAVENPORT, Dean.

On the recommendation of President James and on motion of Mr. Hoit, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station in regard to the above matter were approved, and the requisite authority was given to proceed with the administration of the fund, in accordance with the plan outlined above.

#### APPROPRIATION FOR CARE OF PHYSICAL PLANT.

(35) A recommendation from the comptroller that a supplementary appropriation of \$72,000 be made to cover expenses of the physical plant certified by the office of the Supervising Architect for the year ending June 30, 1914, and that any balance in this supplementary appropriation be allowed to lapse on June 30,

On motion of Mr. Trevett, the sum of seventy-two thousand dollars (\$72,000), or so much thereof as may be required, was appropriated to cover expenses of the physical plant certified by the office of the supervising architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

### APPOINTMENT OF MISS GRETA GRAY.

(36) A recommendation that Miss Greta Gray be appointed Instructor in Household Science at a salary of \$1,300 for the academic year beginning September 1, 1914.

On motion of Mrs. Henrotin, this appointment was made.

#### APPOINTMENT OF PROF. V. E. SHELFORD.

(37) A recommendation that Victor E. Shelford be appointed Assistant Professor of Zoölogy in the University of Illinois, on part time, for the term of three years beginning September 1, 1914, at a salary of \$2,000 a year. In case this appointment is made, Mr. Shelford will also be recommended for appointment on the staff of the Natural History Survey, on part time, at a salary of \$500.

On motion of Mr. Hoit, this appointment was made.

#### APPOINTMENT OF MR. JOHN J. DIDCOCT.

(38) A recommendation that Mr. John J. Didcoct be appointed Assistant Inspector of High Schools of the University of Illinois, on part time, at a salary of \$1,600; to be in residence from September 1, 1914, to February 1, 1915. On motion of Mrs. Henrotin, this appointment was made.

### APPOINTMENT OF PROF. R. E. HEILMAN.

(39) A recommendation that Dr. R. E. Heilman be appointed Assistant Professor of Economics in the University of Illinois, for a term of three years beginning September 1, 1914, at a salary of \$2,600 a year. On motion of Mrs. Evans, this appointment was made.

APPOINTMENT OF DR. D. M. SCHOEMAKER AUTHORIZED. (40) A recommendation that the President of the University be given authority to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the University of Illinois, at a salary of \$2,800 a year, beginning September 1, 1914.

On motion of Mr. Hoit, the President of the University was authorized to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the College of Medicine as recommended.

## MEETING OF THE COMMITTEE ON BUILDINGS AND GROUNDS.

President Abbott presented the following minutes of a meeting of the Committee on Buildings and Grounds, which were received for record:

A meeting of the Committee on Buildings and Grounds was held on May 2, Present: President Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, and Mr. 1914. Moore.

The Supervising Architect presented for approval matters pertaining to boiler-house equipment which were referred to the committee with power at the meeting on March 10.

Contracts were authorized with the Buffalo Scale Company for a track scale to cost \$800 and with the Babcock and Wilcox Boiler Company for 1,000 H.P. of boilers at a contract price of \$10,000.

The Illinois Traction Company's proposition to construct the new coaling track at cost was approved and \$3,500 was authorized as the maximum expenditure.

### LEGALITY OF DELEGATING SIGNATURE OF WARRANTS.

President Abbott presented also the following communication from Judge O. A. Harker, Legal Counsel, concerning the delegation of the signing of the name of the President of the Board to University warrants:

June 9, 1914. Hon. W. L. Abbott, President Board of Trustees, University of Illinois.

DEAR SIR: Your letter of June 6th concerning the authority of the comptroller and the assistant comptroller to sign your name to University warrants came to my office yesterday while I was in Chicago. This is the first opportunity I have had to comply with your request.

I have looked into the legal phase of the proposition and am pleased to give

you the following:

#### OPINION.

(1) There is no law prohibiting the Board of Trustees authorizing its president to direct the comptroller and the assistant comptroller to sign his name to warrants.

(2) The authority given could not extend beyond the president's term of office. In other words, the authority was limited to the term to which you were elected as president. If your term expired on the second Tuesday in March, then neither the comptroller nor the assistant comptroller would have authority to sign your name without a new authorization.

(3) It seems from your letter that on the 22d of last April the board granted

(3) It seems from your letter that on the 22d of last April, the board granted a continuation of the authority, but there was no authority given for the period intervening the expiration of your term as president and the 22d of April. The signatures during that period are not, therefore, regular. I would suggest that a resolution ratifying the act of the comptroller and the assistant comptroller for that period of time be passed.

Respectfully, O. A. HARKER,

Legal Counsel.

On motion of Dr. Montgomery, the following preamble and resolutions were adopted:

WHEREAS, The Board of Trustees on the 11th day of March, 1913 (see page 199), authorized its president, W. L. Abbott, to direct the comptroller and assistant comptroller to attach his signature to University warrants issuing from the office

comptroller to attach his signature to University warrants issuing from the office of the comptroller, and WHEREAS, The comptroller and assistant comptroller acting under such directions each did from time to time between the 10th of March and the 22d of April, 1914, attach the signature of said W. L. Abbott to divers and sundry University warrants, without further authority than that contained under the order of the 11th day of March, 1913; be it

\*\*Resolved\*\*, That the acts of the comptroller and assistant comptroller wherein they or either of them attached to University warrants the signature of W. L. Abbott as president, between the dates of March 10 and April 22, 1914, are hereby approved and ratified

approved and ratified.

### APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented for record the following list of appointments made by the President of the University:

Allen, O. W., Temporary Assistant in the Modern Language Seminar, beginning June 1, 1914, and continuing until August 15, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914,\*)

<sup>\*</sup> The date in parentheses is the date on which the appointment was made by the President of the

Bennett, A. N., Assistant Chemist in the State Water Survey, beginning April 1, 1914, and continuing until August 31, 1914, at a salary of seventy-five dollars (\$75) a month. (April 28, 1914.)

Beyer, Vera, Stenographer in the office of the Supervising Architect, beginning May 1, 1914, at a salary of sixty dollars (\$60) a month. (May 8, 1914.)

Breedis, John, Temporary Shelf Assistant in the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of fifty-five dollars (\$55) a month. (June 6, 1914.)

Buchanan, Harold C., Assistant Mechanician in the Department of Physics, beginning when he reports for duty and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Burd, Henry A., Fellow in English, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendum of forty dollars (\$40) a month. (May 20, 1914.)

Cavette, Francis E., Clerk in the office of the Dean of Men, beginning July 1, 1914, and continuing until August 31, 1914, at a salary of fifty dollars (\$50) a month. (June 6, 1914.)

Davis, Vera, Stenographer in the Department of Agronomy, beginning May 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a onth. (June 4, 1914.) month.

Easton, Harry D., Instructor in the Miners' and Mechanics' Institutes, beginning when he reports for duty and continuing until June 30, 1915, at a salary of one hundred seventy-five dollars (\$175) a month. (June 4, 1914.)

Hawgood, Helen A., Stenographer in the office of the Director of the Agricultural Experiment Station, beginning August 1, 1914, and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Hayes, Margaret L., Clerk in the Loan Department of the Library, beginning April 22, 1914, and continuing until further notice, at a salary of forty dollars (\$40) a month. (April 27, 1914.)
Hill, Fanny, Temporary Assistant in the Classics Seminar, for the month of July, 1914, at a salary of sixty-five dollars (\$65) for the month. (May 26, 1914.)

Jones, Mabel, Temporary Cataloger in the Library, beginning April 9, 1914, and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (April 24, 1914.)

Krudwig, Edna, Laboratory Assistant in the Laboratory of the Department of Pathology in the College of Medicine, beginning May 16, 1914, and continuing until August 31, 1914, at a salary of forty dollars (\$40) a month. (May 8, 1914.)

Moore, Herbert Fisher, Professor of Engineering Materials in the Engineering Experiment Station, in the Department of Theoretical and Applied Mechanics, beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) a year. (April 30, 1914.)

Okey, Ruth E., Scholar in Chemistry, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (June 6, 1914.)

Robb, William C., Scholar in History, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (April 27, 1914.)

Roberts, Nellie, Temporary Assistant in the Loan Department of the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914.)

Stewart, C. L., Traveling Fellow in Economics, for the academic year 1914-15, with a stipendium of one thousand dollars (\$1,000) for the year. (June 1, 1914.)

Straw, W. A., Student Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of thirty dollars (\$30) a month; this appointment superseding his former appointment at the rate of twenty dollars a month. (April 30, 1914.)

Taylor, E. H., Graduate Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of forty dollars (\$40) a month; this appointment superseding his former appointment at the rate of thirty dollars a month. (April 30, 1914.)

Tracy Grover, Assistant in Physiological Chemistry, in the College of Modicine.

Tracy, Grover, Assistant in Physiological Chemistry in the College of Medicine, beginning April 15, 1914, and continuing until June 30, 1914, at a salary of seventy-five dollars (\$75) a month. (April 23, 1914.)

Turley, Robert E., Scholar in Theoretical and Applied Mechanics, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (May 26, 1914.)

30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (May 26, 1914.)

Wells, M. M., Fellow in Zoölogy, for the academic year 1914-15, beginning
September 1, 1914, and continuing until June 30, 1915, with a stipendium of forty
dollars (\$40) a month. (June 8, 1914.)

Williams, Margaret, Reviser and Assistant in the Summer Session of the
Library School, for six weeks beginning June 22, 1914, with a total compensation
of eighty-five dollars (\$85) for the session. (April 28, 1914.)

Zipprodt, Ella S., Stenographer in the Miners' and Mechanics' Institutes, beginning March 1, 1914, and continuing until further notice, at a salary of fifty dollars
(\$50) a month. (April 28, 1914.)

## SUMMER SESSION APPOINTMENTS.

The secretary presented also for record the following list of appointments to the instructional staff of the Summer Session of 1914:

ments to the institutional stant of the summer session of	TOTT.		
Department and Name. Agriculture—	Salary.		
	\$250 00		
Bauer. F. C.	250 00		
	225 00		
Smith, W. H. Gardner, J. J. Miller, W. P.	$\begin{array}{ccc} 150 & 00 \\ 200 & 00 \end{array}$		
Gardner, J. J. Miller, W. P. Roberts, Elmer	125 00		
·	<del></del>		
Total	• • • • • • •	\$1,200 00	
Art and Design—	#00F: 0A		
Hill, Mary	\$225 00		
Total		225 00	
Botany—	<b>6500 00</b>		
Trelease, William Hague, Stella Mary	225 00		
mague, Stema Mary	225 00		
Total		725 00	1
Chemistry—	e=00 00		
Balke, C. W. Derick, C. G. Weber, H. C. P. MacInnes, D. A.	\$500 00 300 00		
Weber, H. C. P.			
MacInnes, D. A	225 00		
Beal, G. D	225 00		
Weber, H. C. P. MacInnes, D. A. Beal, G. D. Hopkins, B. S. Sears, G. W. Kamm, Oliver	$\begin{array}{cccc} 225 & 00 \\ 200 & 00 \end{array}$		
Sears, G. W. Kamm, Oliver	200 00		
Total		2,175 00	
Jordan, H. H.	\$225 00		
· · · · · · · · · · · · · · · · · · ·	<del></del>		
Total Economics—	• • • • • • • •	225 00	1
Carlton F T	\$500 00		
Litman, S.	300 00		
Carlton, F. T. Litman, S. Thompson, C. M.	225 00		
Total		1,025 00	
		1,020 00	
Bagley, W. C	\$300 00		
Coffman, L. D	500 00		
Johnston, C. H	500 00 $300 00$		
Rapeer. L. W.	400 00		
Miller, W. S	200 00		
Harlan, C. L.	100 00		
Education—  Bagley, W. C. Coffman, L. D. Johnston, C. H. Anderson, L. F. Rapeer, L. W. Miller, W. S. Harlan, C. L. Hall-Quest, A. L. Holley, C. E.	$100 00 \\ 100 00$		
Tioney, or E.		'	
Total	• • • • • • • •	2,500 00	•
English—	\$500 00		
Paul. H. G.	300 00		
Cooper, Lane	450 00	•	
Guild, T. H	$\begin{array}{c} 250 & 00 \\ 225 & 00 \end{array}$		
Tieje A T	$\frac{225}{225} \frac{00}{00}$		
Dodge, D. K. Paul, H. G. Cooper, Lane Guild, T. H. Creek, H. L. Tieje, A. J. Buchen, W. A.	200 00		
		0 1 5 0 0 0	
Total Entomology—		2,150 00	,
Folsom, J. W	\$300.00		
Peterson, Alvah	150 00		
Total	<del></del>	450 00	
French—		100 00	
Oliver, T. E	\$500 00		
Carry, C. S	200 00		
Total		700 00	)
German—		.00 00	
Lessing, O. E.  Koller, A. H. Barto, P. S.	\$500 00		
Barto P. S.	225 ON		
Held, F. E.	200 00		
		1 150 00	
Total	• • • • • • •	1,150 00	,

Department and Name.	Salary.	
History—		
Moran, T. F. (See Political Science, total \$500) Richardson, R. K. Robertson, W. S.	300 00	
Total		\$900 00
Household Science—	@00E 00	
Williams, Anna Waller Fleming, Georgia Parsons, Maud	. \$225 00 . 225 00 . 200 00	
Total		650 00
Latin— Barton, H. J.	. \$200 00	
Canter, H. V.		
Total	•••••	500 <b>0</b> 0
Park, J. C. Gross, G. A.	. \$400 00	
Total	. 225 00	625 00
Mathematics—	2250 00	
Lytle, E. B. Wahlin, G. E. Kempner, A. J.	250 00	
Rowland, S. A.	. 225 00	
Rowland, S. A. Rutledge, George	200 00	
Total		1,125 00
Mechanical Engineering— Radebaugh, G. H.	. \$225 00	
Total		225 00
Mechanics, Theoretical and Applied—	\$225 AA	
Seeley, F. B. Ensign, N. E. Gonnerman, H. F.	. 225 00 . 225 00	
Total		675 00
Music—		
Smith, Constance Barlow Brainard, Adeline	. \$300 00	
Total		450 00
Physical Training (men)— Huff, G. A	\$500.00	
Zuppke, R. C	. 225 00	
Jones, R. R. Gill, H. L.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Casner, Sidney	. 225 00	
Total		1,400 00
Physical Training (women)— Brooks, Verna	@00E 00	
		•
Total '	• • • • • • • • •	225 00
Physics— Watson, F. R. Williams, E. H.	. \$300 00	
Williams, E. H. Smith. O. H.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Smith, O. H. Warner, E. H. Nathanson, A. M.	. 200 00	,
Total	• • • • • • • •	1,100 00
Physiography— Cushing, S. W	. \$350 00 . 150 00	
Total		500 00
Political Science—		**
Story, R. M Moran, T. F. (See History)	. \$300 00	
Total	• • • • • • • • •	500 00
Sociology— Weatherly, U. G	. \$500 00	
Total		500 00

772 UNIVI	ERSITY OF ILLINOIS.	[June 9,
Department and Name.	Sala	ry.
Zoölogy—	\$400 	-
Grand total		\$22,500 00
LEASES OF LAND FOR	AGRICULTURAL EXPERIMEN	ITATION.
	also for record the following s l experimentation, signed by the	
1. Location Lessor Flora Chris Egginton		Annual Rental \$180 and 50 bu. apples
six (0), east of the third princip		
2. Location Lessor Flora Amos Ross	Mar. 4, 1914 Dec. 31, 1914 Or	=
Description An orchard of fourteen acr Ross, just south of the B., O. & miles west of the city of Flora, follows: Fourteen acres, more o the B. & O. Ry., and on the we quarter (N. W. ¾) of section principal meridian.	res, more or less, located on the fat S. W. Railway tracks, about four Clay County, Ill.; more specifically reless, of orchard located south of st side of the east half (E. ½) of 5, township 2 north, range 6, east	farm of Amos and one-half described as the tracks of the northwest of the third
3. Location Lessor Olney R. S. Prunty Description	Date Tenure June 4, 1914 Dec. 31, 1914	Annual Rental \$100.00
Forty acres of land located township No. 3, range 10, in Ric 4. Location Lessor Urbana John McCulloug	in the west ½ of the northwest ¼ hland County, State of Illinois.  **Date Tenure** h May 1, 1914 Nov. 15, 1914	of section 1,  Annual Rental \$192.00
$\frac{1}{4}$ of section 29; township 19 no		
Description	May 1, 1914 Nov. 15, 1914	Annual Rental \$150.00
S. W. ¼ of section 19; township	situated on the west side of the S. 19 north, range 9 east.	w. 4 of the
A	UDIT REPORT.	
books and accounts of the Uni		arch 31, 1914: oril 29, 1914.
University of Illinois, Monti	airman. Finance Committee, Board cello, Ill. instructions, we have audited t	
March 31, 1914.	instructions, we have audited the insignment of the third quarter of the fischer we find the following every first	
tions of the budget approved by	ion, we find the following overdrafts the Board of Trustees:	
*Commerce Building Gymnasium improvement Library Building addition Heating and Lighting Plant Pipe organ Office supplies		3 67 22 42 12,651 67 1,496 60 235 65 2,891 53
*Petty cash		6 00
*Vice-President Business office		1,463 51
* No appropriation.	•	

<sup>\*</sup> No appropriation.

Administration—Concluded.
*Council of Administration
*Legal counsel
*Treasurer's office 450 00
*University Senate 9 60
General Departments and Expenses
*Lockers—Gymnasium
*Athletics
*Advisers—Foreign students
Military
Military and band scholarships
Directory of matriculants
*Receptions and social functions 241 45
*Rebates to students
Emergency Hospital
Physical Plant operation and maintenance
Tibonal Auto and Colomosa
*Scientific artist
*Romance languages
Agricultural College
Horticulture
Household science—Cafeteria
Agricultural Experiment Station—
Agricultural Experiment Station— Floriculture
II S Agricultural Experiment Station—
Dairy (Hatch fund)
Engineering Experiment Station—
Railway engineering
Theoretical and applied mechanics
Miscellaneous—
*Snyder interest
At a meeting of the Executive Committee of the Board of Trustees, held April
9, 1914, the following changes in the budget were authorized, affecting certain of
the foregoing items:
Three thousand dollars was appropriated for Emergency Hospital.
Eight thousand dollars was appropriated for rebates to students.
One thousand seven hundred and fifty dollars was transferred from Hatch
fund nitrogen fixation to Hatch fund dairy.
At a meeting of the Board of Trustees, held on April 22, 1914, an appro-
priation of \$150 was made to romance languages.
We are sending you herewith a copy of the report prepared by the comptroller
of the University, Mr. George E. Frazer, covering the quarter under audit. We
have verified the cash receipts, disbursements, and cash balances (except petty
funds) at March 31, 1914; the reconciliations between the accounts of the business
office and the accounts of the University treasurer and of the State Auditor of Public Accounts; and the appropriation balances of the budget of the Board of
Public Accounts, and the appropriation balances of the budget of the Board of
Trustees at March 31, 1914.

We have not verified the following petty cash funds:

ing. We u advisement.

advisement.
Subject to the foregoing, therefore, we certify that the various schedules as contained in the report of the comptroller correctly present the transactions of the quarter ended March 31, 1914, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT Co.,

By WHITNEY B. FLERSHEM, Manager,

Certified Public Accountant.

April 11, 1914.

#### COMPTROLLER'S REPORT.

The secretary presented also for record the report of the comptroller. Prof. George E. Frazer, for the quarter ending March 31, 1914:

Hon. W. L. Abbott, President, Board of Trustees, University of Illinois. Hon. W. L. Abbott, President, Board of Trustees, University of Illinois.

DEAR SIR: I have the honor to hand you herewith the quarterly report of the business office for the three months ending March 31, 1914. Included in this report you will find schedules of cash receipts and disbursements from State appropriations, disbursements from University treasurer, and charges against all budget accounts and departments as at March 31, 1914. You will find complete reconciliations of accounts of the business office with those of the State Auditor and the University treasurer in schedules 5 and 6.

I am handing a copy of this report to W. B. Flershem, Certified Public Accountant, who will transmit it to the Honorable Allen F. Moore, Chairman of the

<sup>\*</sup> No appropriation.

Finance Committee of the Board of Trustees, together with the certificate of the United States Audit Company.

Under separate covers, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted, GEORGE E. FRAZER, Comptroller.

### SCHEDULE 1.

### CASH SUMMARY MARCH 31, 1914.

	For six months ending December 31.	For three months ending March 31.	For nine months ending March 31.	Balances March 31.
University Treasurer— General— Balance	\$277,851 19 210,851 77	\$205,380 75 124,860 07	\$277,851-19 335,711-84	
TotalDisbursements, schedule 4	\$488,702 96 283,322 21	\$330,240 82 49,737 74		
Balance U. S. Agricultural Expt. Sta.— Balance Receipts, schedule 2	\$205,380 75 1,140 77 15,030 00	1,229 84	\$ 1,140 77	\$280,503 08
Total Disbursements, schedule 4	\$16, 170 77 14, 940 93			
Balance Medicine— Balance Receipts, schedule 2.	\$1,229 84 *1,034 04 45,992 93	24,873 20	*\$ 1,034 04	1,237 19
Total Disbursements, schedule 4	\$44,958 89 20,085 69			
Balance Pharmacy— Balance Receipts, schedule 2	2, 166 87	17,999 49	\$ 2, 166 87 21, 566 39	31,575 64
TotalDisbursements, schedule 4	\$20,640 26 2,640 77			
Balance	\$17,999 49	\$18,006 65		18,006 65
Total University treasurer's balance, March 31, 1914				\$331,322 56 5,000 00 300 00 250 00 600 00
Total cash balance, March 31, 1914	ļ	<u> </u>	.,	\$337,472 56

<sup>\*</sup> Overdraft.

#### SCHEDULE 2.

### CASH RECEIPTS QUARTER ENDING MARCH 31, 1914.

	Receipts	Rec	eij	ots for mo	ont	h of—		otal arter		Tota mo	ıl ni nth:		
	Decembe 31, 1913.		Januar	у.	Februar	у.	March.	Mar	ding ch 31 914.		Mar	ding ch 3 914.	
General— Accountancy Agricultural College—	\$ 106	25			•••••				• • • • • •		\$	106	25
Administrative Press service Agronomy	217 298	86	\$ 35	45 48	\$ 73 194	00	\$ 17 57 13 63	1	17 5 108 4 210 (	15		34 326 508	
Agronomy experiment station, crops	2, 124	20	456	70	57	04	44 51		558 \$	25	2	, 682	45

## SCHEDULE 2-Continued.

1	Receipts to	Recei	ots for mon	h of—	Total, quarter	Total, nine months
	December 31, 1913.	January.	February.	March.	ending March 31, 1914.	ending March 31, 1914.
General—Continued.						
Agronomy experiment						
station, soil	\$ 5,094 51	\$ 435 10	\$ 341 94	\$ 188 55	\$ 965 59	\$ 6,060 10
Alumni Record	534 29	39 30		39 20	78 50	612 79
Animal husbandry	2,958 96	506 03	2,856 58	366 19	3,728 80	6,687 76
Animal husbandry experi- ment station	7,553 69	162 92	631 21	563 49	1,357 62	8,911 31
Armory Blue printing Buildings Business office	234 94	2 00			2 00	236 94
Blue printing	515 05		48 19	107 60	155 79	670 84
Buildings	130 43	23 22	7 50	62 82	93 54	223 97
Business office	1 77		292 43	4 06	296 49	298 26- 8,429 34-
Cafeteria Campus lighting	4,759 74	1,242 98	1,143 48 13 53	1,283 14	3,669 60 13 53	8,429 54
Ceramics	9 00		2 80		2 80	11.80
Ceramics	16 75			53 00	53 00 9 75	69 75. 95 65
Civil engineering	85 90	3 75		6 00	9 75	95 65
Creamery	21,370 82	3 75 3,433 04	2,280 69	3,341 58	9,055 31	30,426 13
Dairy husbandry	4,262 67	1,009 18	1,809 27	1,352 11	4,170 56	8,433 23
Dairy husbandry experi-	2,413 37	1,336 98	923 46	1,520 15	3,780 59	6,193 96
ment station Dean of men Electrical engineering	45 44	1,550 98	925 40	1,520 15	0, 100 00	45 44
Electrical engineering	50 00			12 50	12 50	62 50
Emergency hospital	i			56 00	56 00	56 00
Engineering experiment station	450.40		2 12	400.00	202 1111	000 45
Station	153 40	48 00	65 45	122 32	235 77	389 17
Floriculture experiment station	67 31	1	946 10		346 10	413 41
1360100A	1	1 50	340 10		1 50	1 50%
Heat and light History Horticulture	714 24	198 49	346 10 126 29	146 68	471 46	1, 185 70
History	11 84	1				11 84
Horticulture	696 99					696 99
Horticulture experiment station	188 30		İ			188 30
Horticulture green house.	100 30	1	2 00		2 00	2 00
Household science	42 10		1	90 15		132 25
Illinois Canners' Associa-	f		1	Ĭ		
tion fund	12 60			166 66		
Interest on endowment	12 00	31 90			31 50	44 10
fund			32, 419 14		32,419 14	32,419 14
Liberal arts and science,	ł	ł				
administration	3 08					3 08
Library	19 05	30 00	136 90	9 77 7 87	176 67 7 87	195 72 252 77
Mining engineering					1 95	252
Morrill fund	25,000 00		57 50			25,000 00°
Music		10 40	57 50		67 90	67 90 25,000 00
Nelson fund	<b>25</b> ,000 00	1				25,000 00
Office supply stores	9 701 05	2 15	er or	166 95	169 10	
Philology Journal of	3, 781 20	984 00	140 59		65 25 424 52	3,846 50 721 97
Physics		204 00	140 0%	2 07	2 07	2 07
Nelson fund Office supply stores Orchestra concerts Philology, Journal of. Physics Postage stores President's office Printograph Psychology Railway engineering ex-				130 48	130 48	130 48
President's office		75			75	75
Printograph				5 83	5 83 9 81	
Psychology	7 50		9 81		9 81	9 81 7 50
Railway engineering Railway engineering ex-	1 30					1 30
periment station,	9 80					9 80
periment station, Registrar's office	8 25					8 25
Rent—	[	20.00			50 00	110.00
Armory Auditorium Houses	60 00	00 00	15 00 172 50			
Houses	589 00	154 25	172 50	177 50	504 25	15 00 1,093 25
Salary refunds		79 03			79 03	79 03
State treasurer	20,000 00		75			20,000 00
Student associations	6 50		75	75	1 50	8 00
Supervising architect's	140.04	- 00	[		F 90	145 50
office	140 24	5 28		i .	i	145 52:
Mechanics	455 70	60 00		28 50	88 50	544 20
Mechanics Tunnel extension	33 81	1	1			33 81
University Studies	1 20.73		58 16			25 73:
Water survey	179 04		58 16		58 16	
vv centy Catenaur		90		1	, 50	50

SCHEDTLE 2—Concluded.								
	Receipts	Recei	pts for mon	th of—	Total quarter	Total nine months		
	December 31, 1913.	January.	February.	March.	ending March 31, 1914.	ending March 31, 1914.		
General—Concluded.  Woman's building Zoölogy Fee collections— General and labora-	\$ 17 89 1 11					\$ 17 89 1 11		
tory Lockers Trust Funds—	73,764 50 2,224 00			\$2,206 75 81 50	\$58,127 43 1,487 00			
B'nai B'rith Hospital association McDowel memorial	115 00 377 00					115 00 377 00		
fund	4 57 293 40		51 35	17 69	76 60	4 57 370 00		
McKinley fund, prin- cipal	407 50	130 00	255 00	55 00	440 00	847 50		
Snyder fund, interest. Snyder fund, principal Towel fund Wilson lectureship	333 57 1,924 89 731 75		19 04 142 25	25 21	141 55 482 20	475 12 2,407 09 731 75		
fund Woman's league	100 00 6 95	50 00	32 00		82 00	100 00 88 95		
Total	\$210,851 77	\$11,151 04	\$101,235 00	\$12,474 03	\$124,860 07	\$335,711 84		
United States Agricultural Experiment Station— Adams fund	\$7,500 00 30 00 7,500 00	\$3,750 00 35 00 3,750 00	\$22 00	\$53 00	\$75 00	\$11,250 00 140 00 11,250 00		
Total	\$15,030 00	\$7,535 00	\$22 00	\$53 00	\$75 00	\$22,640 00		
College of Medicine— Dentistry— Fees. Infirmary. Infirmary clinic. Interest. Rebates	\$6,502 00 127 00 472 45 38 50 7 00		\$2,500 00 87 15 275 40		\$3,947 62 87 15 1,501 85	\$10,449 62 214 15 1,974 30 38 50 7 00		
Total	\$7,146 95	\$1,182 75	\$2,862 55	\$1,491 32	\$5,536 62	\$12,683 57		
Medicine— Advertising Dispensary Embalming Fees—	\$ 235 17 310 60 10 00		\$ 49 65	\$ 61 55	\$ 185 50	\$ 235 17 496 10 10 00		
General and laboratory.  Lockers Interest on bonds Rebates Scholarship fund West side hospital	37, 707 95 278 50 264 00 30 00	42 83 204 00	13, 180 65 346 50	2,583 50 60 00 52 16	23,622 15 60 00 441 49 204 00	61,330 10 278 50 324 00 471 49 204 00 9 76		
Total	\$38,845 98	\$8, 179 13	\$13,576 80	\$2,757 21	\$24,513 14	\$63,359 12		
College of medicine total	\$45,992 93	\$9,361 88	\$16,439 35	\$4,248 53	\$30,049 76	\$76,042 69		
School of Pharmacy— FeesGeneral	\$18,373 39 100 00	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,466 39 100 00		
Total	\$18,473 39	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,566 39		
General	\$210,851 77		\$101,235 00		\$124,860 07	\$335,711 84		
Experiment Station College of Medicine School of Pharmacy	15,030 00 45,992 93 18,473 39	7,535 00 9,361 88 1,393 00	22 00 16,439 35 1,123 00	53 00 4,248 53 577 00	7,610 00 30,049 76 3,093 00	22,640 00 76,042 69 21,566 39		
Grand total	\$290,348 09	\$29,440 92	\$118,819 35	\$17,352 56	\$165,612 83	\$455,960 92		

SCHEDULE 3. STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-1914 AS AT MARCH 31, 1914.

	Amount of appropriation.	Disburse- ments to December 31.	Disburse- ments for quarter ending March 31, 1914.	Total disburse- ments.	Balance March 31.
Operating main and extension. Buildings, land and equipment. Water survey and investigation Machinery and mechanical in- struction	650,000 00 21,500 00 15,000 00	508, 493 87 10, 314 66 947 02	94,444 99 3,964 16 1,678 82	\$1,323,140 24 602,938 86 14,278 82 2,625 84 \$1,942,983 76	\$276,859 76 47,061 14 7,221 18 12,374 16 \$343,516 24

SCHEDULE 4.

 ${f RE}{f CONCILIATION}$  of warrant registers with disbursement ledgers as at march 31, 1914.

	Disbursements to December 31.	Disburse- ments for quarter ending March 31, 1914.	Total disburse- ments.	·
WARRANT REGISTERS. University Treasurer— General U. S. agricultural experiment station. Medicine. Pharmacy. State Auditor— Operating, maintenance and equipment. Buildings, land and equipment. Water survey and investigation Miners' and mechanics' institute.	14,940 93 20,085 69 2,640 77	\$ 49,737 74 7,602 65 23,347 32 3,085 84 \$454,100 94 94,444 99 3,964 16 1,678 82	\$333,059 95 22,543 58 43,433 01 5,726 61 \$1,323,140 24 602,938 86 14,278 82 2,625 84	\$ 404,763 15 1,942,983 76
DISBURSEMENT LEDGERS.  Disbursements from appropriations brought forward from 1912-1913 as per Schedule 41.  Disbursements on account of 1913-1914 as per Schedule 42.	\$ 180,875 16	\$ 7,069 58 630,892 88	\$ 187,944 74 2,159,802 17	\$2,347,746 91 \$2,347,746 91

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913 AS AT MARCH 31, 1914.

	Balance July 1, 1913.	Disburse- ments July 1 to March 28, 1914.	Cash balance.	Open market orders outstand- ing.	Free balance.
Closed out as per report of January 31. Clinic building. Cold storage Commerce building. Law building. Social and political science Soil maps.	9,000 00 10,024 75 3,588 24	7, 546 44 3, 504 33 2, 351 34	\$ 5,000 00 9,000 00 2,478 31 83 91 1,704 55	*\$ 794 48	\$ 5,000 00 9,000 00 1,683 83 16 91
Totals	\$229,978 86	\$187,944 74	\$42,034 12	\$14,244 45	\$27,789 67

<sup>\*</sup> Including Library orders, \$48.50. † Salaries assigned.

SCHEDULE 42.
DISBURSEMENTS ON ACCOUNTS FOR 1913-1914 AS AT MARCH 31, 1914.

					E	ncumbrai	nces—			
	Appropria- tions and credits.	Cash disburse- ments.	Transfer charges.	Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.	Total charges.	Balances.
Land and Improvements—  Land Cash transfer¹ Campus lighting Pavements and walks Buildings—	6,013 53	\$347,291 30 20,000 00 4,630 90 3,487 00	\$ 4 10				1,620 00	1.620 00	6,255 00	*241 47
Agricultural Buildings— Dairy farm house Feeding plant		39 90 1,086 39							39 90 1,332 89	
Horticultural glass house and service buildings. Building changes. Nutrition labratory. Stock pavilion. Armory	95,752 00	27, 897 37 1, 054 59 5, 700 97 31, 263 45 45, 041 13	315 30	155. 91		42 00	771 73 967 54 35,860 71	197 91	1,054 59 5,898 88 33,142 99 80,962 60	4,782 34
Chemical labratory addition Commerce building Gymnasium improvement Insectary	40,000 00	558 09 3 32 11,004 07	7 90 35 9 90	208 45			600 00	808 45	11,822 42	*3 67 *22 42 5,000 00
Library building addition. Observatory. University store house. Physical Plant Equipment—	10,000 00	199 27		184 40			T22, 268 00	22,452 40	22,031 07	2,000 00 2,000 00
Electrical conduit extension Fire protection Heating and lighting plant Telephone extension Tunnel extension Water station	52,033 81	289 03 5,571 61 1,758 56	7 50	262 49			†10,655 00	10,917 49	16,496 60	1,810 97 *1,496 60 941 44 70 90
General Equipment— Boat repairs Furniture and fixtures Library additions Lincoln hall bookcases	,	200 00 2,935 21 32 549 93	6 79 65 00	60 50	41,576 98	71 75		132 25 41,576 98	74,191 91 5,015 80	925 75 811 09 34 20 1,225 94
Locomotive Labratory Reservoir	15,500 00 1,300 00	235 65 1,294 85					†15,500 00	15,500 00	15,735 65 1,294 85	*235 65

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President s office	Board of trustees				21 00					1,176 53	173 47
President's office	Quarterly audit						1.00		70.50	2,808,01	692 74
Vice-President   3,716 24   3,233 62   1,006 13   317 00   22 00   240 00   5,179 75   1,483 51	President's office				09 90		1 00		.000		
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High school conference.	Advisers, for students										28 60
High school oratorical contest	High school conference								41 00		
Military and band scholarships	High school oratorical contest				41 00		100				
Military and band scholarships.   2,000 00   24 00	Military			85 19	62 91		177 00				
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Liberal arts and school programs.   Registrar and comptroler's report.   Annual register   Tight		15	( "BA 91	l	65.00				65 00		1)
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Faculty directory	Alumni record	11	19 30	61 75							
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	Auditorium acoustics	.   500 00	17 69	3 06	4		]				
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54 71

245 29

#### Encumbrances. Appropria-Cash Transfer disburse-Total tions Balance. Open charges. Contracts charges. and credits. ments. Library Repair market and Total. orders. orders. orders. salaries. General Departments and Expenses - Concluded. Saltpetre investigation ..... \$ 4:000.00 \$ 4,000 00 Y. M. C. A.... 250 00 250 00 Rebates to students..... \*7,107 70 \$ 7, 107 70 Emergency hospital ..... \*2,328 54 2.328 54 Physical Plant Operation and Maintenance— Salaries ..... 17.265 64 6,864 93 24, 130 57 Supervising architect's office..... 1.094 96 \$ 286 15 9 00 ......\$ 9 50 1,390 61 Superintendent of buildings office..... 2,595 42 43 30 10 00|..... 10 00 2,648 72 Superintendent of grounds office ..... 6 11 1 00 7 11 Heating and lighting ..... 62,057 12 32 43 2.008 94 11, 253 88 73,343 43 Buildings operation.... 34.015 74 53 81 1,589 91 35,659 46 Buildings maintenance ..... 23,718 43 294 97 402 33 ..... 277 00 379 75 1.059 08 25.072 48 \*42,577 56 137, 855 58 Grounds..... 6,961 79 6 50 651 74 ..... 651 74 7,620 03 Campus extension..... 962 36 ..... 962 36 Fire protection..... 2,426 28 16 50 2.442 78 16 50 Telephone exchange..... 2.093 96 626 94 2,720 90 Water station ..... 430 90 430 90 Switch track..... ...... 772 93 Building changes ..... 3,230 86 3,230 86 Liberal Arts and Sciences-Administration..... 1,503 08 1.051 57 253 03 1.250 05 Scientific artist..... 57 38 1 36 \*58 74 58 74 Freshman advisers ..... 1,800 00 779 60 |-----|-----779 60 1.020 40 Art and design..... 880 00 677 77 128 25 13 35 13 35 819 37 60 63 • • • • • • • • • • | • • • • • • • • | • • • • • • • • • • • | Astronomy ..... 1,500 00 94 13 20 24 64 00 \$ 3.00 20 50 87 50 201 87 1,298 13 Bacteriology ..... 2,100 00 1.104 43 21 22 379 81 ..... 415 81 1.541 46 558 54 Illinois Canners' Association..... 1,960 40 923 78 923 78 1.036 62 Botany ..... 5,700 00 2,138 01 295 22 559 85 ...... 168 00 ..... 727 85 3, 161 08 2,538 92 Ceramics.... 8, 102 77 6,909 29 405 11 30 36 ..... 49 50 ..... 79 86 7,394 26 708 51 Chemistry..... 28,677 97 20.831 30 797 23 1.905 98 ..... 1,456 50 ..... 3,362 48 24,991 01 3,686 96 Classics 300 00 75 70 ..... 63 51 57 17 95 70 216 38 83 62 Education..... 2,650 00 1.388 12 257 27 575 36 257 27 2,220 75 429 25 English..... 2.019 70 700 35 135 01 32 00 ..... 39 75 ..... 71 75 907 11 1.112 59 Entomology..... 1.500 00 267 49 17 78 584 85 ..... 584 85 870 12 629 88 Geology ..... 1.913 89 829 35 39 17 521 53 521 53 523 84 1.390 05 Germanics.... 400 00 51 45 25 50 16 00 ..... 15 00 ..... 31 00 107 95 292 05 History ..... 300 00 172 09

73 20

SCHEDULE 42-Continued.

Mathematics Philosophy Physiology. Political science. Psychology.	200 00 1,550 00 200 00	291 03 7 00 1,365 99 33 75 707 94	57 73 5 86 50 84 16 91 123 43	55 80		4 50		60 30	472 31 12 86 1,477 13 50 66 1,226 25	227 69 187 14 72 87 149 34 283 75
Romance language. Sociology. Zočlogy Classical museum European culture museum Natural history museum	300 00 6,875 00	34 20 101 86 4,819 04 2,829 73 677 44 355 07	28 48	856 27 1,703 49 2,935 00		46 40 15 25			62 68 114 81 6,023 40 4,549 67 3,627 04 1,475 66	*62 68 185 19 851 60 5,347 63
Agricultural College— Administration (including press service) Agricultural extension Agronomy Animal husbandry. Animal husbandry specimens	15, 419 98 19, 067 70 51, 386 49 68, 325 41	9,033 44 14,639 23 38,016 06 45,378 01	811 58 594 36 958 17 673 75	32 78 435 00 813 57 2,442 99	10 14	623 00 593 51 49 05	2,554 98 3,004 92 8,814 90	3,210 76 3,439 92 10,232 12	13,055 78 18,673 51 49,206 35 58,219 86	2,364 20 394 19 2,180 14 10,105 55 2,654 49
Dairy Dairy cattle Dairy creamery Horticulture Household science.	39,562 85 2,250 00 -30,706 99 58,471 52 27,170 35	3,695 51 27,756 65 500 00 21,473 40 47,304 83 15,076 50	966 91 480 83	3,894 41 500 00 144 20 1,560 66 645 70	8 15 1 90	455 75	10,314 90	9, 187 32 500 00 243 80 12, 280 46 5, 895 76	3,845 51 37,863 86 1,000 00 22,961 95 60,552 20 21,453 09	1,698 99 1,250 00 7,745 04 *2,080 68 5,717 26
Household science—cafeteria	2,800 00 39,911 31 21,527 31	6, 823 98 1, 908 51 29, 405 31 13, 525 71 58, 733 32	644 41 10 65 1,012 72 7 44 21 86	2,447 67 363 85		34 00	624 99 420 00 1, 269 99 7, 534 95		8,613 10 2,544 15 33,319 70 15,166 99 67,490 44	*167 26 255 85 6,591 61 6,360 32 34,569 66
Dairy. Floriculture. Horticulture. U. S. Agricultural Experiment Station— Hatch.	28,533 60 8,413 41 21,188 30	25,592 03 7,554 94 16,341 86	198 27 22 72 1 42	678 47 236 67 662 91		50 00 20 00 35 00	649 98 924 96 1,305 00	1,378 45 1,181 63 2,002 91	27, 168 75 8, 759 29 18, 346 19	1,364 85 * 345 88 2,842 11
Administration Agronomy Dairy Nitrogen, fixtures and research Adams.	2,500 00 4,500 00 3,500 00	2, 138 39 3, 345 77 775 82		41 30		3 50		300 00 2,525 25 44 80	4,384 71 2,438 39 5,871 02 820 62	115 29 61 61 *1,371 02 2,679 38
Administration Animal husbandry Horticulture Adams fund receipts (animal husbandry) Engineering College— Administration	8,500 00 4,500 00 1,280 77	6, 119 06 4, 121 94 855 94		450 60		<b>2</b> 5 00		1,391 57 349 98	1,883 40 7,510 63 4,471 92 855 94 3,261 32	116 50 989 37 28 08 424 83 1,209 55
Administration Architecture. Civil engineering Electrical engineering General engineering drawing. Mechanical engineering.	3,350 18 1,120 05 5,305 90 1,000 00	2,290 76 872 54 688 24 1,697 13 859 49 9,387 37	319-01 271-92 212-92 193-78 59-72 771-87	365 59 114 76 1,578 75 17 00	77 84	96 00 23 00 5 00		539 43 137 76 1,578 75 22 00	3,261 32 1,683 89 1,038 92 3,469 66 941 21 10,907 59	1, 209 55 1, 666 29 81 13 1, 836 24 58 79 2, 322 76

# SCHEDTLE 42-Concluded.

		~ .			I	Encumbra	nces.			
	Appropria- tions and credits.	Cash disburse- ments.	Transfer charges.	Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.	Total charges.	Balance.
Engineering College—Concluded.										A A ANT AA
Mining engineering. Coöperative mines investigation. Physics	5,000 00	\$ 1,851 09 2,244 16 2,752 52	19 61	101 20		2 00	\$ 450 00	\$ 1,113 70 553 20 788 69	2,816 97	\$ 2,835 08 2,183 03 2,613 27
Railway engineering	3,993 50	2, 965 45 4, 236 17 1, 277 03	197 65 355 31	188 90 120 77		2 00		188 90 152 42 1,315 00	3,352 00 4,743 90	641 50 2,675 63 772 96
Shop improvements	15,000 00	1,956 47						3,623 74		9,401 85
Administration	11,549 94 800 00	5,834 42 78 50		176 00				176 00	254 50	
Civil engineering Electrical engineering	1,069 09	221 60 463 60	8 97	252 10				55 252 10		344 42
Mechanical engineering Physics Railway engineering		466 40 577 12 3,425 71	4 15	2.00	l			2 00	583 27	18 85 *326 31
Theoretic applied mechanics	1,524 17	1,569 91	77 42	8 50				8 50		
Graduate school	22,150 00	6,615 44		,				3,667 67		11,675 29
Schedule 43, a. b. c.)	200, 179 56 11, 325 00	151,936 40 482 90	241 94	1,867 90	2,884 53	21 50		4,773 93	5,498 77	19,073 76 5,826 23 1,836 77
Law libraryLaw school	5,000 00 3,300 00	1,987 04 294 71 309 84	73 32	20 00		40 00		1,176 19 60 00 60 05	428 03	2,871 97 618 16
Library school. Music. Pharmacy.	1,870 40	1,216 69 10,852 44	66 81	93 75				93 75	1,377 25	493 15 1,074 00
Summer session, 1913	14,270 45 25,000 00	14,092 43 656 61	2 70 29 93	250 00			\$22,725 00	22,975 00		175 32 1,338 46
Summer library school, 1913	2,704 65	465 04 448 91	16 62	9 00				9 00 5, 981 10		49 96 2,230 12 4,894 73
Water survey Trust funds— B'nai B'rith	29, 246 20 199 61				140 16		5,798 05		, , ,	1 11
Bryan prize Class of 1895	250 00									250 00 78
Graduate school theses	350 00 574 56	574 56						}	574 56	
Llewellyn prize	1 50 00		1	1	1	1	1	1	۱	50 00

McKinley fund. Plym fellowship. Snyder fund. Snyder interest Towel fund Wilson lectureship	1,000 00 3,438 92 731 75	800 00 3,375 00 600 00			***********				800 00 3,375 00	200 00 63 92 *600 00
Woman's league	291 40	200 00	}						200 00	91 40
Total	\$3,000,710 01	\$2, 159, 802 17	\$24,357 27	\$61,587 49	\$47,548 29	\$7,193 06	\$445,445 05	\$561,773 89	\$2,745,933 33	\$254,776 68

<sup>Between University Treasurer and State Treasurer.
Overdraft.
Payments not to be made until after July 1, 1914.
Value of stock on hand.
Payments to be made after July 1, 1914.</sup> 

### SCHEDULE 43A.

# STATEMENT OF THE ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MARCH 31, 1914.

						<u> </u>	
	Cash			Encum	brances.	•	
	disburse. ments.	Transfer charges.	Open market, orders.	Con- tracts.	Salaries.	Totals.	Total charges.
General— Salaries Administration Heating and light-			\$ 397 38		\$ 2,895 00	\$ 2,895 00 397 38	\$11,301 37 6,171 36
ing Building operation. Repairs	5,819 28 538 05 4,059 03	\$ 86	195 50			2,240 45 9 00 195 50	8,059 73 547 05 4,255 39
Anatomy	2,285 38 219 55		980 25 274 00			361 00 980 25 274 00	1,296 87 3,265 63 493 55
Laboratory stores Medical—	8,286 75		527 14			527 14	8,813 89
Salaries Administration Repairs Equipment Library	24,504 16 7,674 27 11,178 68 3,854 12 3 110 45	334 75 30	643 45	681 28	11,420 68	11,420 68 804 78 176 00 643 45 343 27	35, 924 84 8, 813 80 11, 354 98 4, 497 57 3, 453 72
Mortgage Bacteriology Dispensary Medicine.	16,937 37 340 43		450 00			450 00 335 60 8 83	16,937 37 790 43 2,648 25 310 08
Obstetrics	293 25 410 22 833 81		75 00 72 00			75 00 72 00 345 70	293 25 485 22
Roentgenology Surgery Dental—	2,459 95 3,409 13 587 52		128 57			128 57	3,537 70 587 52
Salaries		1,138 04	60 50			3,351 87 30 86 60 50	11,051 56 4,764 80 7,162 28
Equipment Bacteriology Histology	224 83 864 94					909 10 7 50	7,979 55 232 33 864 94
Infirmary Oral surgery Prosthetics	389 16 419 87		303 78			214 29 8 95 303 78	9,966 84 398 11 723 65
Radiography Operative			125 00			125 00	305 71 125 00
Totals	\$151,936 40	\$1,473 95	\$7,114 92	\$2,912 98	\$17,667 55	\$27,695 45	\$181,105 80

### SCHEDULE 43B.

## BUDGET ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MARCH 31, 1914.

	Allot- ments.	Charges.	Balances.
General salaries.  Medical salaries  Dental salaries  Repairs (see Schedule 43c)  Medical equipment  Dental equipment  Heating and lighting  Laboratory stores.  Mortgage  Administration (see Schedule 43c)  Departmental allotments (see Schedule 43c)	37,030 00 11,000 00 30,000 00 5,000 00 7,000 00 9,000 00 8,042 83 23,708 07 8,000 00	\$11,301 37 35,924 84 11,051 56 22,772 65 4,497 57 7,979 55 8,059 73 8,813 89 16,937 37 20,297 01 33,470 26 \$181,105 80	\$ *301 37 1,105 16 *51 56 7,227 35 502 34 \$7979 55 940 27 *771 06 6,770 70 *12,297 01 16,928 40

<sup>\*</sup> Overdraft.

## SCHEDULE 43C.

SCHEDULE 43C.			
ANALYSIS OF CHARGES TO BUDGET ACCOUNTS, COLLEGES OF MEDICINE AS AT MARCH 31, 1914.	AND	DENTIST	ry
REPAIRS—         Items           General         \$4,255           Medical         11,354           Dental         7,162	39 98	Totals	•
ADMINISTRATION—         \$6,171           General         \$6,171           Medical         8,813           Dental         4,764           Building operation         547	80 80	\$22,772 20,297	
DEPARTMENTAL ALLOTMENTS—   General—	63 55		
Pharmacology         905           Obstetrics         293           Research         2,785           Roentgenology         3,537           Surgery         587           Dental—	25 72 08 22 81 25 65 70 52		
Bacteriology       232         Histology       864         Infirmary       9,966         Oral Surgery       398	94 84 11 65 71	33,470	26
	,		
		\$76,539	04
SCHEDULE 5.			
SCHEDULE 5.  RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3	1, 19	14.	
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3	•		
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3 GENERAL UNIVERSITY FUND— Treasurer's balance	:	\$289 <b>,472</b>	
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3	8 00 58		58 11
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3  GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8416	00 58 3	\$289,47 <b>2</b> 343 \$289,129	58 11 04 15
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3  GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance	00 58 5 64 90 51 00	\$289,472 \$289,129 143 \$289,272	58 11 04 15
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3  GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0	00 58 5 64 90 51 00	\$289,472 \$289,129 129 129 \$289,272 8,769 \$280,503	58 11 04 15
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3  GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0	00 58 8 8 9 64 90 51 00	\$289,472 \$289,129 129 129 \$289,272 8,769 \$280,503	58 11 04 15 05 10
RECONCILATION WITH UNIVERSITY TREASURER AS AT MARCH 3  GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0 Warrant No. 5894 \$0	64 90 51 00 01	\$289,472 \$289,129 143 \$289,272 8,769 \$280,503	58 11 04 15 05 10
GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 11  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0 Warrant No. 5894 \$0 Business office original balance  AGRICULTURAL EXPERIMENT STATION FUND— Treasurer's balance	00 00 58 58 58 58 58 58 58 58 58 58 58 58 58	\$289,472 \$289,129 143 \$289,272 \$,769 \$280,503 \$2,234 22 \$2,256	58 11 04 15 05 10 02 08
GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0  Business office original balance  AGRICULTURAL EXPERIMENT STATION FUND— Treasurer's balance Add: Receipts incorrectly credited to general fund. Treasurer corrected balance	000 58 58 64 90 51 00 01 01	\$289,472 \$289,129 143 \$289,272 \$,769 \$280,503 \$2,234 22 \$2,256	58 11 04 15 10 05 10 02 08 55 00 55
GENERAL UNIVERSITY FUND— Treasurer's balance Deduct: Receipts of Experiment Station fund. \$32 Incorrect credit 321  Treasurer's corrected balance Add: Receipts not entered  Deduct: Warrants outstanding— Issued before July 1, 1912 \$319 Issued 1912-13 31 Issued 1913-14 8,416 Difference 1  Business office corrected balance Deduct: Errors— Warrant No. 5894 \$0 Warrant No. 5894 \$0  Business office original balance  AGRICULTURAL EXPERIMENT STATION FUND— Treasurer's balance Add: Receipts incorrectly credited to general fund.  Treasurer corrected balance Add: Receipts not entered	000 58 8 8 64 90 90 00 01 01	\$289,472 \$289,129 143 \$289,272 \$,769 \$280,503 \$2,234 22 \$2,256 35 \$2,291	58 11 04 15 05 10 08 55 00 55 00 55 36

#### SCHEDULE 5-Concluded.

Schiebene b—Concluden.		
COLLEGE OF MEDICINE FUND—           Treasurer's balance         Deduct: Warrants outstanding—           Issued before July 1, 1912         \$ 113 75           Issued 1912-13         20 00           Issued 1913-14         5,772 39	\$37,481	78
	5,906	14
Business office balance	\$31,575	64
SCHOOL OF PHARMACY FUND— Treasurer's balance Deduct: Warrants outstanding	\$18,737 731	
Business office balance	\$18,006	65
SCHEDULE 6. RECONCILIATION WITH STATE AUDITOR AS AT MARCH 31, 1914		
Operation, Maintenance and Equipment— State Auditor's balance. Deduct: Unpaid vouchers	\$279.681	64 88
Business office balance	\$276,859	76
Buildings, Land and Equipment— State Auditor's balance Deduct: Unpaid vouchers	\$49,848 2,787	98 84
Business office balance	\$47,061	14
Water Survey and Investigation— State Auditor's balance ( Business office balance (	\$7,221	18
Miners' and Mechanics' Institutes— State Auditor's balance   Business office balance   On motion of Mr. Hoit, the board adjourned to meet at the U		

Urbana, on Monday, June 15, at 10 a.m.

H. E. Cunningham, Secretary.

# ADJOURNED SESSION, JUNE 15, 1914.

When the board convened at 10 A.M., on Monday, June 15, 1914, pursuant to the adjournment of June 9, 1914, there was no quorum present, and the board adjourned to meet at 10 A.M. on Tuesday, June 16, 1914.

W. L. Abbott, President.

H. E. CUNNINGHAM, Secretary.

## ADJOURNED SESSION, JUNE 16, 1914.

When the board convened at 10 A.M., on Tuesday, June 16, 1914, pursuant to the adjournment of June 15, 1914, there was no quorum, and the board adjourned to meet at 3:30 P.M. on the same day.

### AFTERNOON SESSION, JUNE 16, 1914.

When the board convened at 3:30 p.m., on Tuesday, June 16, 1914, pursuant to the adjournment of the forenoon of the same day, there was no quorum and the board adjourned.

H. E. CUNNINGHAM, Secretary.

W. L. Abbott, President.

W. L. ABBOTT, President.

# CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS FOR THE TWELVE MONTHS ENDING JUNE 30, 1914.

## RECEIPTS.\*

Balance July 1, 1913. Interest on endowment fund and on land contracts. Other United States grants. State Appropriations— Buildings, land and equipment. Operation, maintenance and equipment. Water Survey Miners' and mechanics' institutes. Student Fees— Urbana Chicago Departmental sales Trust funds Miscellaneous	80,000 650,000	00 00 00 00 00 83 35 96 07		
		•	\$3,098,628	24
DISBURSEMENTS.				
Land and buildings. Physical plant Administration and general expense. College of Liberal Arts and Sciences. Agricultural College and Experiment Station. Engineering College and Experiment Station. Graduate School. Colleges of Medicine and Dentistry Other schools and departments.  Cash balance June 30, 1914.		07 70 84 36 48 92 19 22	<b>e</b> 2 000 184	85 39
			\$3,098,628	24

<sup>\*</sup>Including State appropriations retained in State treasury.

# VOUCHERS FOR THE YEAR ENDING JUNE 30, 1914.

VOUCHERS DRAWN ON THE TREASURER OF THE UNIVERSITY.

# GENERAL UNIVERSITY VOUCHERS.

To .	Date.	To whom.	For what.	Amou
	July 2	·		
13.	T1 0	Elono M. Droven	Calamy Tuma 1012	820
T	do	Flora M. Brown. Florence E. Watson.	Salary, June, 1913 Expenses	\$30 29
$\frac{2}{3}$	do	Mary E. Busey	TAPOLISOS	40
4	do	Louro R Fronc	do	16
5	July 3	Laura B. Evans R. S. McInness	Dairy products furnished depart-	1 10
U	oury o	10. D. III.	ment of dairy husbandry	۰ ا
6	do	C. C. Gordon	do	3
7	do	O. A. McInness	do	ĭ
Ŕ	do	P. P. Dunn	do	2
8	do	P. P. Dunn. I. H. Besore.	do	2
10	do	M. Hudson. Fred Thompson. W. H. Webb.	do	$\bar{2}$
ĩĭ	do	Fred Thompson	do	9
12	do	W. H. Webb	do	ī
13	1 40 1	Dorrid Willrin	1 40	1 2
14	do	J. M. Stickrod W. F. Hampton L. F. Lindsey G. F. Diefenbach	do	6
	do	W. F. Hampton	do	ĭ
	do	L. F. Lindsey	do	2
17	do	G. F. Diefenbach	do	1
18	do	J. E. Henderson	do	2
	do	R. A. Lumsden	do	1
20	do	A. J. Putscher	do	1
21	do	E. Grove	do	3
22	do	Lou Creiger H. C. Kaufman J. H. Schwengel E. J. Percival	do	3
23	do	H. C. Kaufman	do	3
24	do	J. H. Schwengel	do	4
25	do	E. J. Percival	do	2
26	ו מח	S. Gilinn	1 00	2
27	do	J. F. Hoy T. H. Richardson F. W. Howell	do	1
	do	T. H. Richardson	do	3
29	do	F. W. Howell	do	2
	do	David Hahn	do	4
31	do	C. M. Van Meter	do	3
32	do	J. A. R. Koch. E. R. Canady.	do	5
33	do	E. R. Canady	do	5
241	- A-0 1	C U Spangar	1 40	5
35	do	A. W. McJilton	do	3
36	do	Chas. Wilson	do	3
37	do	Wm. Van Buskirk	do	2
38	do	G. W. Van Meter	do	3
39	do	A. W. McJilton Chas. Wilson. Wm. Van Buskirk G. W. Van Meter T. M. Ghere.	do	6
				2
41	do	M. Leigh P. J. Wagner		4
42	ao	r. J. wagner	00	6
43	do	J. D. Perham	ao	3
	qo	J. H. Umbanhowar	00	4
	do	Wm. Case	00	$^2_1$
45	do	Ed. Huckins	uo	5
47	do	W. E. Yount. Pearl Hazen	00	3
48 49	do	r earr mazen	uo	3
	do	Z. C. Keene	do	5
	do	W. D. Rom Nicholas Hahn		7
	do	W F Womeel	do.	
	do	W. E. Womack Chas. Sadler	uo	2 1
	do	W. J. Wilson.	do	3
		C. C. Rayburn	uv	í
55	do	L D Dowburn		3
50	uo	Lon Powburn	ao	3
57	uo	L. P. Rayburn Len Rayburn J. M. Herriott	do do	4
58 59	do	Geo. Herriott	do	5
ยช	uv	CLOO. TTGITIOPP	uv	9

# GENERAL UNIVERSITY VOUCHERS-Continued.

0.	Date.	To whom.	For what.	Amou
00	1913.	C. A. 77		
		C. A. Fogel	Dairy products furnished department of dairy husbandrydodododo	\$
61	do	W. C. Welch I. W. Maxwell S. Atchison	do	\$
62	do	I. W. Maxwell	do	
64	ao	C. Luther	do	1
65	do	F. H. Busev	-d0	1 '
66	do	Roy Douglas.	do	
67	do	F. C. Stevenson	do	:
68 69	July 7	I. W. Maxwell S. Atchison C. Luther F. H. Busey Roy Douglas F. C. Stevenson T. A. McCracken Mary Hill A. W. Nolan Frederick Bauer W. H. Smith D. O. Barto	Salary, first half summer session,	.1
70	do	A. W. Nolan	do	7. 111 7. 7. 3. 111 5. 111 8.5 7.
71	do	Frederick Bauer	do	7.
72	do	W. H. Smith	do	7
73	do	D. O. Barto	do	3
74 75	do	P A Lohanhauar	do	11
76	do	C. W. Balka	do	11
77	do	C. G. Derick	do	8
78 79	do	A. W. Nolan Frederick Bauer W. H. Smith D. O. Barto C. F. Hottes P. A. Lehenbauer C. W. Balke C. G. Derick Oliver Kamm Geo. Sears. J. E. Ball	do	5
79	do	Geo. Sears.	do	5
	do	Geo. Sears. J. E. Bell E. K. Strachan B. S. Hopkins. H. C. P. Weber H. O. Rugg W. C. Bagley L. D. Coffman L. F. Anderson John Adams	do	7
81 82	do	E. K. SHACHAN		7
82 83	do	H C. P. Weber	do	7.7 88 7.7 15 11 125 5 15 17 7.7 7.7 15 15 11 11 5 10 15 5 5 5 5 5 5 10 17 7.7 7.7 8 8 7.7 7.7 8 8 7.7 8 8 7.7 8 8 7.7 8 8 7.7 8 8 7.7 8 8 7.7 7.7
84	do	H. O. Rugg	do	7
85	do	W. C. Bagley	do	15
86	do	L. D. Coffman	do	15
87	do	L. F. Anderson	do	11
88	do	John Adams	do	25
89 90	do	W. D. Basinya. L. F. Anderson. John Adams. L. P. Ayres. W. S. Miller. M. H. Robinson. G. W. Dowrie. O. R. Martin. D. K. Dodge. Harriet Jones. M. H. Liddell. A. J. Tieje. E. M. Halliday. Walter Buchen. H. G. Paul. J. W. Folson. Alvah Peterson.	00	18
91	do	M H Robinson	do	15
92	do	G. W. Dowrie.	do	7
93	do	O. R. Martin	do	7
94	do	D. K. Dodge	do	15
95	do	Harriet Jones	do	11
96	do	M. H. Liddell	do	17
97 98	do	E M Halliday	do	1 6
99	do	Walter Buchen	do	7
	do	H. G. Paul	do	1 i
101	do	J. W. Folson	do	11
102	do	Alvah Peterson	do	5
103	do	J. W. Fotolon D. H. Carnahan Ingebright Lillehei	. do	10
104 105	do	O E Lossing	do	15
	do	F. E. Held	do	7
107	do	P. S. Barto	do	1 7
100	do	G. E. Lessing F. E. Held P. S. Barto A. H. Koller		7
109	do	D. L. Patterson	do	15
110	do	D. L. Patterson. A. C. Cole Maude Parsons. Georgia Fleming	. do	10
111	ob	Georgia Floming	do	1 5
113	do	Alice Biester	do	5
114	do	H. J. Barton.	do	5
115	do	W. A. Oldfather	do	10
116	do	J. C. Park	do	17
117	do	A. K. Cratnorne	do	8
110	uo	S. A. Rowland	do	1 5
120	do	G. E. Carscallen	do	7
121	do	R. L. Borger	do	8
122	do	D. L. Scroggin	do	7
123	do	Frederick Ellis	do	7.
124	op	C.D. 00010y	do	7
126	do	N. E. Ensign	_do	75 75 15
127	do	C. H. Mills	do	15
128	do	H. F. Crooks	do	5
129	do	E. H. Williams	do	8
130	do	LE. H. Warner	do	5
131	do	U. A. Kandolph	do	50 88 50 73 150
132	on	R G Gattall	do	15
134	do	Maude Parsons. Georgia Fleming Alice Biester H. J. Barton W. A. Oldiather J. C. Park A. R. Crathorne. George Rutledge. S. A. Rowland G. E. Carscallen. R. L. Borger D. L. Scroggin Frederick Ellis F. B. Seeley S. P. Parwell N. E. Ensign C. H. Mills H. F. Crooks E. H. Williams E. H. Williams E. H. Williams E. H. Warner O. A. Randolph L. T. Jones R. G. Gettell E. C. Hays F. W. Carpenter W. A. Court	_do	15
135	do	F. W. Carpenter	do	11
100	do	W. A. Court	do	3

### GENERAL UNIVERSITY VOUCHERS-Continued.

To.	Date.	To whom.	For what.	Amour
137	1913. July 7	Ruth Marshall  Ethel Bond. E. J. Reece. Edith H. Ford. The Wabash R. R., Urbana. C., C., C. & St. L. Ry. Co., Urbana. W. W. Lindley, Postmaster. C., C., C. & St. L. Ry. Co., Urbana. W. W. Lindley, Postmaster. C., C., C. & St. L. Ry. Co., Urbana. W. J. Engle. F. P. Goss. Geo. E. Frazer Mittendorf & Kiler. C. W. Alvord. Cyril G. Hopkins. J. B. Park. The Carson-Payson Co. Orr Allyn. L. A. Hunter Anna A. Hulburd. Edward Bartow. Wm. Cole. Western Carbon & Ribbon Co. The U. of I. Supply Store. Peck & Hills Furniture Co. D. H. Lloyde. Geo. Banta Publishing Co. Twin City Printing Co. Bausch & Lomb Optical Co. English Bros., Contractors. Eugene Manning. S. E. Huff & Co. National Engraving Co. Jos. Breck & Sons. Irving-Pitt Mfg. Co. A. O. Magnuson. Fowler-Manson-Sherman Cycle Mfg. Co. The Burr Co. A. C. McClurg & Co. Barnhart Bros. The Carl Bajohr L. C. Co. Lucas Machine Tool Co. Edward C. Schmidt Harold H. Dunn. Illinois State Reformatory. Hawley Down Draft Furnace Co. Buffalo Scale Co. Strauch Kodak Finishing Shop A. O. Magnuson. D. H. Lloyde. Geo. E. Warner. 20th Century Press Clipping Bureau. The Southern Educational Society Tice & Lynch. G. W. Sheldon & Co. Foster Brothers. S. E. Huff & Co. C. W. Davis. The Webster Mig. Co. Illinois State Reformatory. P. S. Campbell. Irving-Pitt Mfg. Co. E. E. Stechert & Co. Ernst Hertzberg & Sons. Walter W. & E. D. Hanes' Meat Market. General Electric Co. Central Hertzberg & Sons. Walter W. & E. D. Hanes' Meat Market. General Electric Co. Central Hertzberg & Sons. Walter W. & E. D. Hanes' Meat Market. General Electric Co. Central Hertzberg & Sons. Walter W. & E. D. Hanes' Meat Market. General Electric Co. C. C., C. & St. L. R., Urbana. Mart Watterson. H. Wascher. C. Allen.	Salary, first half summer session, 1913. do.	<b>\$</b> 37
138	do	Ethel Bond	.do	\$ 37 87 87 42 3 39 50 7
139	do	E. J. Reece	do	87
140	Luly 3	The Webesh P. P. Urbana	Freight	42
142	odo	C. C. C. & St. L. Rv. Co., Urbana	- do	39
143	do	W. W. Lindley, Postmaster	Postal cards	50
144	July 5	C., C., C. & St. L. Ry. Co., Urbana	Freight	7
145	do	The wabash R. R., Urbana	Words Tune 1013	85 85
147	do	F. P. Goss	Expenses	65 12 29 50 20
148	do	Geo. E. Frazer	do	29
149	do	Mittendorf & Kiler	Furniture	50
151	ao	Cyril G. Honkins	Evnanses	20
152	do	J. B. Park	.do.	20 29 14 8 26 6 119 71
153	do	The Carson-Payson Co	Labor and material	8
154	do	Orr Allyn	Expenses	26
156	do	Anno A Hulburd	Wagas May 1013	110
157	do	Edward Bartow	Traveling expenses	71
158	July 9	Wm. Cole.	Supplies.	19
159	do	Western Carbon & Ribbon Co	Ribbons	4
160	do	The U. of I. Supply Store	Supplies	19 4 1 20 3 2 28 2 1,046 14 14 3
169	do	D. H. Lloyde	Supplies	20 3
163	do	Geo. Banta Publishing Co	Express	2
164	do	Twin City Printing Co	Printing.	28
165	do	Bausch & Lomb Optical Co	Micrometer discs	1 040
167	do	Eugene Manning	Plow	1,040
168	do	S. E. Huff & Co.	Lumber	14
169	do	National Engraving Co	Etchings	3
170	do	Jos. Breck & Sons	Supplies	17 16
171	do	A O Magnuson	Rlua prints	16
173	do	Fowler-Manson-Sherman Cycle Mfg. Co.	Stand	2 14
174	do	The Burr Co.	Hardware	2 218
175	do	A. C. McClurg & Co	Books	218
176	do	The Corl Reight L. C. Co	I. C. construction	70
178	do	Lucas Machine Tool Co.	Tools	1, 692 6 6 3
179	do	Edward C. Schmidt	Expenses	-, 55 6
180	do	Harold H. Dunn	do	6
181	do	Howley Down Draft Furnace Co	Furnace	3 555
183	do	Buffalo Scale Co	Scales	92
184	do	Strauch Kodak Finishing Shop	Photograph work	26
185	do.:	A. O. Magnuson	Blue prints	13
186	do	A marika Publishing Co	Apparatus	4
188	do	Geo. E. Warner	.do	î
189	do	20th Century Press Clipping Bureau	Clippings	3 555 92 26 13 4 8 1
190	do	The Southern Educational Society	Books	39
191	do	G W Shaldon & Co	Duty fees atc	7 40
193	do	Foster Brothers	Pictures	99
94	do	S. E. Huff & Co	Lumber	7
95	do	C. W. Davis	Labor	5 41
96	do	The Webster Mig. Co	Supplies	41 60
198	do	P. S. Campbell	do	88
199	.do	Irving-Pitt Mfg. Co	Binder	88
200	do	E. E. Craig	Services	42
100	do	Anna B. Crackel	Rooks	35
203	do	Ernst Hertzberg & Sons	do	38
04	do	Walter W. & E. D. Hanes' Meat Market.	Meat.	53 38 2 87
205	do	The U. of I. Supply Store	Supplies.	87
06	do	The Inner-Brece Chair Co	Awnings	7 161
208	do	General Electric Co.	Motor and fan	27
209	do	C., C., C. & St. L. Ry. Co., Urbana	Freight	2 1
210	do	The Wabash R. R., Urbana	do	1
211 .	ao	mart watterson	Dairy products furnished depart-	2
220	40	H. WascherC. Allen	ment of dary, nuspandrydodo	5
				- 6

<sup>\*</sup> Cancelled.

0.	Date.	To whom	For what.	Amoun
	1913.	J. W. Cavanaugh John Godsell T. P. Lyon Ralph Smith Geo. Schiff J. M. Stickrod. H. I. Nelson. A. R. Grindley		
214	July 9	J. W. Cavanaugh	Dairy products furnished depart-	
215	do	John Godsell	do	\$ 2 3 2
216	do	T. P. Lvon	_do	2
217	do	E. F. Lyon	do	2
218	do	Ralph Smith	do	2
219	do	Geo. Schiff	do	. 3
$\frac{220}{221}$	do	J. M. Stickrod		1
221	ao	J. M. I. Nelson. A. R. Grindley. Z. C. Keene. Ed. Heppe. J. D. Pittman.	do	4
223	do	Z. C. Keene	do	1 4
224	do	Ed. Heppe.	do	3
225	do	J. D. Píttman	do	1
226	do	Frank Knox D. W. Shiveley G. W. Van Meter	do	5
227 228	do	D. W. Shiveley	dodo	5
228 229	do	G. W. Van Meter Grant Freeman T. M. Clayton C. E. Smoot	.:00	3
230	do	T. M. Clayton	do	2
231	do	C. E. Smoot	do	3
939	do	C. Ross	do	1
233	do	B. Jordan.	. do	1
234	do	T. F. Jordan	. do	4
235 236	do	C. Ross B. Jordan T. F. Jordan L. F. Bialeschski. Zillah Whitehead F. S. Umbanhowar Andrew Shields W. E. Heyer F. H. Busey M. Cherry Chas. Abbott. Wm Brown		
237	do	F. S. Umbanhowar	do	1 3
238		Andrew Shields	do	ĺ
239	do	W. E. Heyer	. do	1 2
240	do	F. H. Busey	do	1 2
241		M. Cherry	. do	
242 243	do	Wm Prown		
244	do	Wm. Brown W. E. Satterfiled E. Grove	do	1 2
245	do	E. Grove	do	1
246	do	M. Hudson.	do	
247	do	W. H. Webb	. do	.] :
248	do	Lou Creiger	. do	-
249 250	do	A. J. Putscher	. do	1
25	do	Fred Thompson	do do	: ۱
25	2 . do	W. F. Hampton	do	
25	3do	G. F. Diefenbach	do	
25	4do	. G. Taylor	. do	.  :
25 25	do	R. A. Lumsden	do	
25	6do	R S McInness	do	-
25	3 . do	David Wilkins	do	
25	9do	J. H. Schwengel	do	61 65 f 1 66 1 fact 1 465
26	0 do	J. E. Henderson	. do	
26	1do	H. C. Kaufman	. do	100
26: 26:	2 00	Geo. Herriott		1037
26	4	James Freeman	u0	100
26	do	J. H. Umbanhowar	do	
26	6do	C. M. Reed	do	
26	7do	J. H. Rutan	. do	-
26	do	W. E. Womacks		-
26: 27:	de	Ismes Risher	do.	-
27	1 . do	W. J. Willson	do	
27	2do	Van Carter	do	
27: 27: 27:	3 do	J. H. Cornett	. do	-
27	4 do	J. A. R. Koch		. 1
27	0o	W. A. Ashworth	- u0	- 1
27 27	7 do	Roy Douglas	-  .do	1
27	8do	W. T. Hobeson	do	1
27	9 do	A. G. Guard	. do	-1
28	0do	. C. M. Pfeister	. do	-
28 28	ilgo	W H Frame	- 00	-
28 28	3 do	Ralph Smith	do	1
28 28	4 do	J. M. Stickrod.		]
28	5 do	J. M. Herriott	. do	.1
28	6 do	. C. J. Gillespie	. do	-
28	7 do	J. H. Schwengel. J. E. Henderson. H. C. Kaulman. Geo. Herriott H. H. Krukewitt. James Freeman. J. H. Umbanhowar. C. M. Reed. J. H. Rutan. W. E. Womacks. E. P. Ott. James Fisher. W. J. Willson. Van Carter. J. H. Cornett. J. A. R. Koch. E. C. Saddoris W. A. Ashworth. Roy Douglas. W. T. Hobeson. A. G. Guard. C. M. Pfeister. Geo. Schiff. W. H. Frame. Ralph Smith. J. M. Stickrod. J. M. Stickrod. J. M. Herriott. C. J. Gillespie. A. Kroen. Frauk Sheffer. John Rueb.		1
28 28	8 do	I rauk Snener	do	•
	9do	John Rueb. H. F. Ridgeley F. C. Stevenson	do	1
	1do	TA O CLASSICAL CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF THE CONTRACTOR OF T	do	-1

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То.	Date.	To whom.	For what.	Amour
	1913.	G. W. Van Meter.  Len Rayburn C. A. Fogel C. Luther A. W. McJilton W. L. Davis. T. M. Guynn J. A. Daeger E. R. Canady G. C. Cochran B. F. Thomas, Jr S. T. Carter T. F. Jordan B. Jordan C. Ross L. W. Maxwell		
292	July 9	G. W. Van Meter	Dairy products furnished depart-	\$ 6
293	do	Len Rayburn	do	\$ 6 3 5 10 3 4 4 4 4 4 3 3
294	do	C. A. Fogel	do	5
295 296	do	A W McJilton	.do	10
297	do	W. L. Davis	.do	4
298	do	T. M. Guynn	do	4
299	do	J. A. Daeger	do	4
301	do	G. C. Cochran	-do-	4
302	do	B. F. Thomas, Jr	do	3
303	do	S. T. Carter	do	3
304 305	ao	R Tordan	do	. 4
306	do	C. Ross	.do	4 3 3 4 3 2 3
307	do	I. W. Maxwell	do	3
308 309	do	J. M. Willsey	do	4
310	ao	Z C Keene	do	3
311	do	B. Jordan C. Ross. I. W. Maxwell J. M. Willsey F. Hetro Z. C. Keene Frank Knox Western Union Telegraph Co, Urbana. Western Union Telegraph Office, Champaign	do	3 3 3 1
312	do	Western Union Telegraph Co, Urbana	Service	1
313	do	Western Union Telegraph Office, Cham-	do	
314	do	western Union Telegraph Office, Urbana C., C., C. & St. L. Ry. Co., Urbana. C., C., C. & St. L. Ry. Co., Champaign. C., C., C. & St. L. Ry. Co., Urbana. Louise Bateman.	do	10
315	do	C., C., C. & St. L. Ry, Co., Urbana	do. Freight	10 9 10
316	do	C., C., C. & St. L. Ry. Co., Champaign	do	1Ŏ
317	do	C., C., C. & St. L. Ry. Co., Urbana	do	30
318	July 10	Louise Bateman	Dairy products furgished depart-	30
				. 3
320	do	A. R. Grindley. H. I. Nelson Geo. Herriott	do	4
321	do	H. I. Nelson	do	2
322	do	Lou Craiger	do	0 2
324	do	R. T. Lumsden	-do	ı
325	do	R. A. Lumsden	do	1
326	do	G. F. Diefenbach	do	2
327	do	T H Schwangel	do	9
329	do	Mart Watterson	do	4
330	do	I. H. Besore	do	1
331	do	H. C. Kaufman	do	. 3
332	do	C. C. Gordon	do	2
334	do	O. A. McInness	do	ĺ î
335	do	L. F. Lindsey	do	1
336	do	P. P. Dunn	do	2
338	do	W F Hampton	do	1
339	do	J. E. Henderson.	do	Î
340	do	Fred Thompson	do	1
341	do	W. H. Webb	do	]
342	ao	David Wilkins	do	2
344	do	J. F. Hoy.	do	1 2
345	do	M. Hudson	do	2
346	do	Pearl Hazen	do	3
349	do	E. R. Canady	do	2
349	do	J. H. Umbanhowar.	do	4
350	do	D. Hahn	do	5
351	00	W.E. Yount		8
353	do	W. D. Rohl	do	8
354	do	J. A. R. Koch	do	5
355	do	F. Krukewitt	do	3
350	do	M. Leign.	do	7
359	do	L. P. Rayburn	.do	i
359	do	C. C. Rayburn	do	î
360	do	Ed Huckins	do	1
361	do	U. D. Pernam	do	1 8
362	do	T. T. Webb	do	2
364	do	C. M. Van Meter	do	3
36	do	A. R. Grindley H. I. Nelson Geo. Herriott Lou Creiger R. T. Lumsden R. A. Lumsden R. A. Lumsden G. F. Diefenbach S. Guimn J. H. Schwengel Mart Watterson I. H. Besore H. C. Kaufman R. S. McInness C. C. Gordon O. A. McInness C. C. Gordon O. A. McInness U. F. Lindsey P. Dunn A. J. Putscher W. F. Hampton J. E. Henderson Fred Thompson W. H. Webb J. W. Cavanaugh David Wilkins J. F. Hoy M. Hudson Pearl Hazen F. S. Umbanhowar E. R. Canady J. H. Umbanhowar D. Hahn W. E. Yount A. G. Krukewitt M. Leigh H. Cherry L. P. Rayburn C. C. Rayburn E. R. Caphum M. J. P. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. M. Van Meter W. E. Wonnack L. T. Webb C. M. Van Meter W. E. Wonnack L. M. Frankenberg Chas. Wilson	do	2
366	]do	E. M. Frankenberg	do	4233311222344132223441322344445883853773111132443234
367	ijao	Unas. Whson	.  uv	1 4

٥.	Date.	To whom.	For what.	Amour
000	1913.	D. B. White.  W. J. Wilson Z. Alsip F. H. Busey. Chas. Sadler J. P. Yeazel P. J. Wagner J. F. Hubbard R. W. Brewer Andrew Shields A. W. McJilton W. L. Davis. T. M. Ghere. Roy Douglas O. A. Foster. T. H. Richardson W. J. Hobeson W. E. Welch N. Hahn J. G. Mosier O. S. Fisher. The Saffell Co. S. E. Dillavou Twin City Printing Co. National Engraving Co. Illinois State Reformatory. Automatic Electric Co. Champaign Seed Co. H. F. Chester J. W. Butler Paper Co. Percival & Moorehead W. F. Handschin J. R. Wells. Strauch Kodak Finishing Shop A. M. & L. A. Terwilliger The U. of I. Supply Store. Champaign Steam Laundry J. S. Reimund F. C. Hubbard A. S. Nelson & Sons. Chas. E. Mueller & Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electric Co. General Electri	Doing made to the fact of done.	
800	July 10	D. B. White	Dairy products furnished depart- ment of dairy husbandrydo	\$ 4
369	do	W. J. Wilson	do	9 3
370	do	Z. Alsin	.do	2
371	do	F. H. Busev	do	\$ 4 2 2 5
372	do	Chas. Sadler	do	1 3 4 2 1
373	do.'	J. P. Yeazel	do	3
374	do	P. J. Wagner	do	4
375	do	J. F. Hubbard	do	2
370	do	R. W. Brewer		1 1
970	do	Andrew Snields	00	5 4
270		A. W. McJilton	do	4
380	ao	T M Choro	do	4
321	do	Roy Dongles	do	9
382	do	O A Foster	do	2
383	do	T H Richardson	do	. 3
384	do	W I Hobeson	do	3
385	do	W E Welch	do	i
386	do	N. Hahn	.do	Ē
387	do	J. G. Mosier	Expenses	59
388	do	O. S. Fisher	do	4 5 2 2 3 3 3 3 3 5 5 9 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5
389	do	The Saffell Co	Supplies	8
390	do	S. E. Dillavou	Batteries	1
391	do	Twin City Printing Co	Supplies	2
392	do	National Engraving Co	Etchings	8
393	do	Illinois State Reformatory	Printing	(
394	do	Automatic Electric Co	Supplies	12
390	do	Champaign Seed Co	Meal	11
207	ao	H. F. Unester	Denor	1
308 981	do	Denoived & Macrobard	T colve	2
300		W F Handschin	Evnence	99
400	do	T D Wolls	do	22 13
401	do	Strauch Kodak Finishing Shop	Photograph work	1 7
402	do	A M & L. A Terwilliger	Scale	9
403	do	The U. of I. Supply Store	Supplies	41
404	do	Champaign Steam Laundry	Laundry work	1 6
405	do	J. S. Reimund	Ice cream	27
406	do	F. C. Hubbard.	Fruit and vegetables	8
407	do	A. S. Nelson & Sons	Groceries	8
408	do	Chas. E. Mueller & Co	Ice	45
409	do	General Electric Co	Fan, etc	12
410	do	G. E. Stechert & Co	Books	23 41 6 27 8 8 45 12 37
411	do	Clyde McWilliams	Hay	25
412	do	S. C. James	Labor and material	2
410		Commercial Walenhams and Walesconk Co.	Corrigon	30
415	ao	Commercial Telephone and Telegraph Co.	Hornoge	16
416	uo	Tolly Wisland & Dichardson Co	Supplies	111
417	do	Northrup's Art Gallery	Developing	
418	- do	W. A. Ruth	Board	9.5
419	do	Ellen M. Henrotin	Expenses	19
420	do	Florence Watson.	do	2
421	do	Marshall Field & Co	Framing	
422	do	Geo. Banta Publishing Co	Reprints	30 15 12 11 22 21 21 21 33 33 33
423	do	J. B. Stoughton Holborn	Lectures	333
424	do	Paul Hayhurst	Wages, June, 1913	35
425	do	H. D. Brown		4
426	do	U. E. Trout	ao	2
100	ao.,	W P Colden	do	2
420	ao	H T Hannah	do	2
430	do	Charles R Saura	Expenses	2
431	do	Alfred Gunderson	do	3:
432	do	B. S. Pickett	-do	90
433	- do	The Saffell Co.	Paper	"
434	do	A. O. Magnuson	Blue prints	2
435	do	H. F. Chester	Service	21
436	do	D. H. Lloyde	Supplies	1
437	do	The Scott Paper Co	Towels	1
438	do	A. S. Nelson & Sons	Water	
439	do	Vaughan's Seed Store	Spray	.] .
440	do	The Burr Co	Drill holes	. 10
441	do	Knowlton & Bennett	Parowax	
442	do	Reliable Plumbing & Heating Co	Supplies	10
443	do	The Grasselli Chemical Co	Arsenate of lead	14
			INGIE	

٧o.	Date.	To whom.	For what.	Amount
440	1913.	Western Electric Co. E. H. Sargent & Co. Katharine H. Wootten. Rand, McNally & Co. Been Spray Pump Co. S. E. Dillavou. Champaign Seed Co. T. H. Flood & Co. T. H. Flood & Co. The Boston Book Co. Callaghan & Co. West Publishing Co. The Carswell Co. The Hispanic Society of America. G. E. Stechert & Co. Leavitt Mig. Co. The Burr Co. Green Street Pharmacy.	Delle	2 00 (
447	July 10	Western Electric Co	Bells. Supplies.	907
448	do	Katharina H Wootten	Supples Cases Map plate Suppliesdo Seed	\$ 30 ( 327 8 350 (
449	do	Rand, McNally & Co.	Map plate.	4
450	do	Bean Spray Pump Co	Supplies	4 3
451	do	S. E. Dillavou	do	
452	do	Champaign Seed Co	Seed	128 4 116 8 207 6 25 6
453 454	do	T. H. Flood & Co	Books	110 8
454	do	The Roston Book Co	do	207 (
456	do	Callaghan & Co	.do	19
457	do	West Publishing Co.	. do. Book do. Labor and material. Hardware. Supplies. Calorimeters.	6
458	do	The Carswell Co.	do	1.6
459	do	The Hispanic Society of America	Books	44
460	do	G. E. Stechert & Co	do	31
461	do	Leavitt Mig. Co	Labor and material	3
462	do	The Burr Co	Hardware	31 6 3 42 5 7 80 6
403	do	The Burr Co. Green Street Pharmacy The Schaeffner & Budenberg Mfg. Co Illinois Society of Engineers & Surveyors Harris & Mead The Engineering Magazine. Ernst Hertzberg & Sons. Oliver Ditson Co. G. E. Stechert & Co.	Supplies	20
464	do	The Schaenner & Budenberg Mig. Co	Duos	. 80
466	do	Harris & Mand	Sharhat ate	10 ( 21 (
467	do	The Engineering Magazine	Advertising	21
468	do	Ernst Hertzherg & Sons	Binding	102
469	do	Oliver Ditson Co	Music scores	6
470	do	G. E. Stechert & Co	Books	102 6 131
471	do	General Electric Co	Fans	36
472	do	G. E. Stechert & Co. General Electric Co. The Century Co. W. W. Miller Geo. Strode. Clarence School. Scott Taylor. Strauch Kodak Finishing Shop. Twin City Ice & Cold Storage Co. C. Allen.	Fans. Book case. Wages, June, 1913.	36 ( 15 ( 32 )
473	do	W. W. Miller	Wages, June, 1913	32
474	do	Geo. Strode	Awnings	9
475	do	Clarence School	wages, June, 1913	46 38
470	do	Scott Taylor	Wages, June, 1913do Photograph work	35
477	do	Twin City Ice & Cold Storage Co	Too	1 4
470	Tuly 11	C Allon	Dairy products furnished depart.	- 4
110	July 11	O. Anon	ment of dairy husbandry	3
480	do	H. Wascher	do	3 9 2
481	do	John Godsell	do	2
482	do	Ralph Smith	do	1
483	do	Geo. Schiff	lice. Dairy products furnished department of dairy husbandrydododododododo.	3 9 2 1 3 7 5 2 2 2 3 3 3 1
484	do	G. M. Seeber	do	7 9
485	do	T. F. Jordan	do	5 2 2 2
480	do	C. Ross	00	2
401	do	C A Forel		2 2
489	do	C M Reed	do	3
490	do	B. F. Thomas, Jr.	do	3
491	do	J. H. Rutan	do	. 1
492	do	C. J. Gillespie	do	3 3
493	do	Z. C. Keene	do	3
494	do	J. C. Shrock	do	3 4 4 3 1 3 10 29 63
495	do	Wm. Gulick	do	4
496	do	D. W. Shiveley	do	3
497	do	C. Abbott		
498	do	Coo W Modley	Fynancas	.10
500	do	Tohn A Rumer	Ao	20
501	do	F A Fisher	do	63
502	do	C. C. Logan	do	94
503	do	A. L. Moats	do	18
504	do	Henry Pfau	do	57
<b>50</b> 5	do	F. W. Gault	do	94 18 57 79
506	do	J. E. Whitchurch	do	81 11
507	do	A. F. Heck	do	11
508	do	R. W. Dickenson	do	23
510		Geo. W. Matheny		40
511		J. W. DOW	00	48 60
512	do	Rance Sutton	do	19
513	do	Baldwin Coolidge	Slides	30
514	do	W. F. Conway	Butter	2
515	do	Twin City Ice & Cold Storage Co. C. Allen H. Wascher John Godsell Ralph Smith Geo. Schiff G. M. Seeber T. F. Jordan C. C. Ross B. Jordan C. A. Fogel C. M. Reed B. F. Thomas, Jr J. H. Rutan C. J. Gillespie Z. C. Keene J. C. Shrock Wm. Gulick D. W. Shiveley C. Abbott Illinois Traction System, Urbana. Geo. W. Medley John A. Rumer F. A. Fisher C. C. Logan A. L. Moats Henry Pfan J. E. Whitchurch A. F. Heek R. W. Dickenson Geo. W. Matheny J. W. Dow Frank Morgan Rance Sutton Baldwin Coolidge W. F. Conway Wm. Bramstedt Dewitt Smith J. R. Newberry Geo. Bost M. E. Simonson C. R. Reiter Spring Valley Creamery Co. Geo. Bloyer P. J. Petersen	do	23 40 48 60 19 30 2
516	do	Dewitt Smith	do	5 8
517	do	J. R. Newberry	do	8
518	do	Geo. Bost	do	5 8 5 8 2 5 5 2
519	do	M. E. Simonson	do	5
520	do	C. R. Reiter	do	2
521	do	spring Valley Creamery Co	do	5 5 2
		LYAD BLOVAT	100	i 5
522	do	D T Determent	3-	

<sup>\*</sup> Cancelled.

0.	Date.	To whom.	For what.	Amou
	1913.			
524	July 11	R. J. Collier	Butterdodo	18 1: 55 13
525	do	Fred Grimm	do	١ ٠
26	do	H. J. Anderson.	do	
27	do	Green River Creamery Co	do	1
28	qo	M. H. Anderson	do	
29	qo	E. H. Sargent & Co	Supplies	
201	αο	L. P. Ayres	Salary, summer session	18
:20 :01	do	Pambant Pres	Salary, summer session Bats Suppliesdo Expensesdo Halftones Drille	1
22		Company Cohneth Co	Supplies	
100		Standard Degree	Ermanges	55
204		Stephen Rogers	Expenses	13
200		National Engraving Co	Halftones	1
27	00	The Chag A Ctralinger Co	Books supplies. Books	
20	do	D D Donnellow & Cong Co	Pook gunnling	1 01
20		Devoived & Mossehand	Dolta	1,01
40		Mortinus With of	Pools	779
11	do	Weach and Callege	DOURS	10
140	00	Teachers Conege	Dank	l
12		The New York Botonical Garden	Dook	
243	ao	G. E. Stechert & Co	B00KS	1
144	ao	J. Terquem & Co	Gline	1
240	ao	Automatic Electric Co	ouppnes	1
140	ao	L. H. Sargent & Co	Botts Books . do Books . do Books . do Supplies Wire Furniture Paper Utensils Paper Expenses Clippings Wages, May and June, 1913 Furniture Labor Material Supplies Lumber Expenses Analysis	1 1, 01 73 1 1 1 4 1 7 2
24/	do	Peck & Hills Furniture Co	Furniture	4
48	do	J. W. Butler Paper Co	Paper	
49	ao	The Taylor Hardware Co	U tensus	1
ρū	do	Burroughs Adding Machine Co	Paper	
551	ao	F. G. Blair	Expenses	
552	do	Lilinois Press Clipping Bureau	Clippings	_
553	July 12	E. N. Deatley	Wages, May and June, 1913	7
554	do	Economy Drawing Table Co	Furniture	2
555	do	C. N. Clark & Co	Labor	l
556	do	Hunter Rourke & Co	Material	
557	do	Central Electric Co	Supplies	5
558	do	S. E. Huff & Co	Lumber	2 16
559	do	W. L. Abbott	Expenses	16
560	do	J. B. Lippincott Co	Analysis	1
561 562	July 14	G. L. Van Buskirk	Orchestra Dairy products furnished department of dairy husbandry do	1
563	do	Core Stecker	do	
564	do	Cora Stacker J. M. Stickrod H. C. Kaufman	do	1
565	do	H. C. Kaufman	do	l
566	do	M. Hudson	do	}
567	do	I. E. Henderson	do	
68	do	J. H. Schwengel	do	ĺ
569	do	R. S. McInness	do	1
570	do	T. P. Lyons	do	1
571	do	C. M. Pfeister	do	
572	do	C. C. Gordon	do	1
573	do	G. Taylor	do	]
574	do	David Wilkins	do	l
75	do	I. H. Besore	do	
76	do	O. W. Hampton	do	1
77	do	R. A. Lumsden	do	1
78	do	Lou Creiger	do	1
79	do	E. Grove	do	
80	do	G. F. Diefenbach	do	
81	do	W. F. Hampton	do	l
82	do	A. R. Grindley	do	1
83	do	A. J. Putscher	do	ľ
84	do	H. H. Krukewitt	do	1
85	do	F. W. Howell	do	1
86	do	G. H. Spencer	do	
87	do	J. H. Rutan	do	1
88	do	Van Carter	do	
89	do	J. M. Herriott	do	
90	do	Geo. Herriott	do	
91	do	T. A. McCracken	do	
92	do	E. R. Canady	do	
93	do	W. E. Satterfield	do	:
94	do	John Rueb	do	1
	do	J. H. Perham	do	١.
595	do	W. J. Wilson	do	١.
95 96		Tames Freeman	do	
95 96 97	do			
95 96 97 98	do	James Fisher	do	
95 96 97 98 99	do do	James Fisher	do	
595 596 597 598 599 500	do do do	Cora Statemen J. M. Stickrod H. C. Kaufman M. Hudson J. E. Henderson J. H. Schwengel R. S. McInness T. P. Lyons C. M. Pieister C. C. Gordon G. Taylor David Wilkins I. H. Besore O. W. Hampton R. A. Lumsden Lou Creiger E. Grove G. F. Diefenbach W. F. Hampton A. R. Grindley A. J. Putscher H. H. Krukewitt F. W. Howell G. H. Spencer J. H. Reponcer J. H. Herriott Geo. Herriott Geo. Herriott Geo. Herriott T. A. McCracken E. R. Canady W. E. Satterfield John Rueb J. H. Perham W. J. Wilson James Freeman James Fisher G. O. McMorris T. M. Clayton Ed. Heppe	dododododo	

۸o.	Date.	To whom.	For what.	Amou
	1913.			
602	July 14	Grant Freeman.  Pearl Hazen. D. W. Shiveley. C. Luther. W. E. Womacks. G. W. Van Meter. M. Cherry. F. H. Busey. W. A. Ashworth W. F. Hobeson. E. C. Saddoris. I. W. Maxwell J. W. Willsey. H. P. Jones, Captain, U. S. N. D. H. Lloyde. J. C. Thomas. The Boston Book Co. C., C., C. & St. L. Ry. Co. Percival & Moorehead. G. W. Sheldon & Co. The Asiatic Society of Japan. Mr. Fred Bockelmann W. W. Vlake. Tice & Lynch. A. C. McClurg & Co. C. R. Newell. Harry Ferguson. Harry Ferguson. Harry Ferguson. Ralph Hilscher. Paul Hansen. G. E. Stechert & Co.	Dairy products furnished department of dairy husbandry	\$ 8
603	do	Pearl Hazen	do	\$ 2
604 605	do	C Lather	do	
606	do	W. E. Womacks	do	
607	do	G. W. Van Meter	do	
608	do	M. Cherry	do	3
610	do	W. A. Ashworth	-do	}
611	do	W. F. Hobeson.	do	
612	do	E. C. Saddoris	do	1
613	do	I. W. Maxwell	do	
615	do	H. P. Jones, Captain, H. S. N	Main memorial tablet	
616	do	D. H. Lloyde	Office supplies	
617	do	J. C. Thomas.	Building materials	
618	do	The Boston Book Co	Books	9
650 618	Inly 20	Parcival & Moorahaad	Ruilding materials	
621	July 15	G. W. Sheldon & Co.	Freight	2 6 . 18
622	do	The Asiatic Society of Japan	Subscriptions	6
623	do	Mr. Fred Bockelmann	Expenses.	. 1
624	do	W. W. Vlake	B00KS	2
620 626	do	A. C. McClure & Co	Books	2.
627	do	C. R. Newell	Expenses	1
628	do	Harry Ferguson	do	10 20
629	do	Harry Ferguson	,.do	59 34
630 631	do	Paul Hangan	do	6
632	do	Paul Hansen G. E. Stechert & Co Bronson Barlow Ralph Smith	do	
633	do	Bronson Barlow	Expenses.	
634	do	Ralph Smith	Expenses.  Dairy products furnished department of dairy husbandrydododododododo	
635			ment of dairy husbandry	
000	do	J. M. Stickrod	-do	
637	do	Geo. Schiff	do	
638	do	H. Wascher	do	4
639	do	H. I. Nelson	do	
641	ao	I. H. Besore.  Geo. Schiff H. Wascher H. I. Nelson. J. W. Cavanaugh Mart Watterson C. E. Smoot. L. F. Bialeschi C. M. Reed Len Payburn	do	
642	do	C. E. Smoot	do	
643	do	L. F. Bialeschi	do	
644	do	C. M. Reed	do	
646	ao	John Rush	do	
647	do	E. P. Ott	do	
648	do	G. M. Reed Len Rayburn John Rueb E. P. Ott W. E. Heyer M. Leigh Andrew Shields C. Luther B. Jordan	do	
649	do	M. Leigh	do	
650	do	Andrew Snields	do	
652	do	B. Jordan	dl	
653	do	T. F. Jordan	do	
654	do	C. Ross	do	
655	do	B. JORGAN T. F. JORGAN C. ROSS. C. A. Fogel C. J. Gillespie. Wim. Brown A. Kroner Frank Knox Z. C. Keene	do	
657	do	Wm. Brown	do	
858	do	A. Kroner.	do	
659	do	Frank Knox	do	4
560	do	Z. C. Keene	do	
รูลอ เกอา	on	F. C. Stevenson	do	
663	do	W. L. Davis	do	
664	do	S. T. Carter	do	
665	do	T. N. Guynn	do	10
367	on	N. W. Haphurn	rxpenses	1(
368	do	G. W. Beardslev	do	22 19
669	do	H. C. Lawson	do	19
670	do	H. A. Cate	do	12
671	do	L. M. Wakeley		12
673	ob	Wilhelm Miller	do	45
674	do	Frank Knox Z. C. Keene. J. J. Cender F. C. Stevenson. W. L. Davis. S. T. Carter T. N. Guynn. C. E. Durst. N. W. Hepburn. G. W. Beardsley H. C. Lawson. H. A. Cate. L. M. Wakeley Otto Schwartz. Wilhelm Miller H. P. Rush	do	7
675	do	H. P. Rush English Brothers, Contractors	Third payment on account of general contract. Wages, June, 1913.	
676	do	Charles Pollard	Wages, June, 1913do	7,530 49 43
677				

To.	Date.	To whom.	For what.	Amou
	1913.			
678 679	July 15 July 16	Western Union Telegraph Co. S. Atchison Cora Stacker G. C. Gordon C. W. York J. M. Smith J. M. Smith J. M. Smith John Harp J. M. Smith A. R. Grindley E. J. Percival H. C. Kaufman J. F. Hoy S. Guinn W. H. Webb H. H. Schwengel E. Grove Lou Creiger G. M. Seeber M. Hudson Roy Douglas W. F. Hampton A. J. Putscher G. F. Diefenbach L. F. Lindsey J. E. Henderson Fred Thompson C. C. Gordon O. A. McInness R. S. McInness David Wikin F. S. Umbanhowar F. S. Umbanhowar O. A. Foster W. F. Sunne M. Leigh C. Sare M. M. Ghere M. Leigh C. Sare M. Hudson David Wilkin F. S. Umbanhowar O. A. Foster W. V. Statterfield M. Leigh C. M. Leigh C. M. Leigh D. J. Wagner J. H. Umbanhowar W. D. Rohe M. Leigh D. J. Wagner J. H. Umbanhowar W. D. Rohl P. J. Wagner J. H. Umbanhowar W. E. Stetterfield Nicholas Hahn C. M. Vanmeter W. Leischner	Service. Dairy products furnished department of dairy husbandry	\$ 2
680	do	Cora Stacker	do	1 :
681	do	G. C. Gordon	do	1 1 2 8
682	do	U. W. YOFK	do	1
684	do	Jno. McCullough	do	2
685	do	R. T. Lumsden	do	
686	1do	John Harp	d0	8
688	odo	A. R. Grindley	do	
689	do	E. J. Percival	d9	
690	do	H. C. Kaufman	do	
691	do	J. F. Hoy		
693	d0	W. H. Webb	do	
694	do	H. H. Schwengel	do	
695	do	E. Grove	do	
696	ob	C M Seeher	do	
698	do	M. Hudson	do	1
699	do	Roy Douglas	do	1
700	do	W. F. Hampton	do	
701	ao	G. F. Diefenbach	ao	
703	do	L. F. Lindsey	do	ĺ
704	do	J. E. Henderson	do	:
705	do	Fred Thompson	do	
705	ao	O A McInness	do	
708	do	R. S. McInness	do	(
709	do	David Wilkin	do	:
710	do	F. H. Busey	do	
711	ao	E. R. Canady	do	1
713	do	F. S. Umbanhowar	do	
714	do	O. A. Foster	do	
715	do	Wm. Van Buskirk	do	
717	do	W. E. Hever	-do	
718	do	T. M. Ghere	do	
719	do	M. Leigh	do	
720	do	W. D. Rohl	d9	
722	do	P. J. Wagner	do	
723	do	J. H. Umbanhowar	do	
724) 725	do	W. E. Statterfield Nicholas Hahn	do	
726	do	C. M. VanMeter	do	'
727	do	Wm. Leischner	do	
728	do	C. M. VanMeter Wm. Leischner J. F. Hubbard	do	
729	do	W. E. Womacks	do	
731	do	J. M. Herriott	do	
732	do	Pearl Hazen	do	3
733	do	J. H. Pittman	do	
735	oo	L. P. Rayburn	7ao	]
736	do	J. F. Hubbard. W. E. Womacks. G. W. VanMeter J. M. Herriott. Pearl Hazen J. H. Pittman C. C. Rayburn L. P. Rayburn C. W. Pfeister E. M. Frankenberg David Hahn W. J. Wilson D. Sadler Ed. Huckins Ed. Huckins Ed. Huckins Ed. Huckins Lillah Whitshead P. H. Richardson W. C. Welsh L. W. Maxwell P. P. Dunn S. Atchison The Saffell Co	do	
737	do	E. M. Frankenberg	do	Ĭ
738	do	David Hahn		
740	on	w.s. whson	do	2
741	.do	Ed. Huckins	do	2
742	do	Zillah Whitehead	do	2
743	do	I. H. Kichardson	ao	4
745	do	I. W. Maxwell	do	2
746	do	P. P. Dunn	do	2 4 2 3 2 1
747	do	S. Atchison	do	
748	do	I'ne Sallell Co	Taboratory supplies	1 10
750	do	Karl W. Hiersemann	Books	3
751	do	P. P. Dunn S. Atchison Phe Saffell Co Western Electric Co Karl W. Hiersemann W. Heffer & Sons Bertram Dobell Bernard Quaritch Max Weg Librairie C. Klincksieck	do	3 115
752	do	Bertram Dobell	.,do	14
754	uo	Max Weg	do	14 450
101		r in	3-	203

0.	Date.	To whom.	For what.	Amou
	1913.	John Davis Bernh Liebisch Oswald Weigel, Antiquariat. Ch. Chadenat Karl W. Hiersemann John Davis Edw. G. Allen & Son. Paul Gottschalk Joseph Baer & Co. J. J. Lenter William Reeves Paul Gottschalk Arthur C. Willard Garm Norbury Beall Brothers Geo. B. Carpenter & Co. Twin City Roofing & Sheet Metal Works Meyer Weuthe P. S. Campbell Mittendorf & Kiler D. H. Lloyde G. F. Stechert & Co. L. A. Hunter Paul Geuthner J. Terquem & Co. Ernst Hertzberg & Sons James H. Carter. Otto Harrassowitz Max Weg Dulau & Co. David Kinley C. E. Thorne Augusta D. Evans William J. Gerhard Clayton F. Summy Co. Sullivan Machinery Co. Statute Law Book Co. Ingersoll-Rand Co. Baker, Voorhis & Co. The Denver Fire Clay Co. G. E. Stechert & Co. West Publishing Co. T. H. Flood & Co. Callaghan & Co. The Denver Fire Clay Co. G. E. Stechert & Co. West Publishing Co. T. H. Flood & Co. Callaghan & Co. The O. Treasurer The Boston Book Co. A. C. McClurg & Co. G. E. Stechert & Co. H. Wascher Ralph Smith John Godsell C. Allen		
756	July 17	John Davis	Books	\$ 8
757	do	Bernh Liebisch	do	4
758	ao	Oswald Weigel, Antiquariat		7
760	do	Varl W Hiergemann	do	53 438
761	do	John Davis	do	233 1
762	do	Edw. G. Allen & Son	Library	233
763	do	Paul Gottschalk	Books	i
764	do	Joseph Baer & Co	Library	3
765	do	Joseph Baer & Co	do	2
766	do	J. J. Lenter	Books	6
767	ao	William Reeves	Library	005
760	ao	Arthur C Willard	Evnances	290
770	uo	Garm Norbury	Traveling expenses	15
771	do	Beall Brothers	Laboratory apparatus	17
772	do	Geo. B. Carpenter & Co.	-do	1 9
773	do	Twin City Roofing & Sheet Metal Works.	do	l
774	do	Meyer Weuthe	Office supplies	5
775	do	P. S. Campbell	Convocation programs	9
776	do	Mittendorf & Kiler	Furniture	295 59 15 17 9 6 5
177	do	D. H. Lloyde	Omce supplies	337 29
770		Western Boofing & Comply Co.	Library	337
780	ao	T. A Hunter	Traveling expenses	25
781	do	Paul Genthner	Books	30 153 117 86 9
782	do	J. Terquem & Co	Library	159
783	do	Ernst Hertzberg & Sons	Binding	117
784	do	James H. Carter	Field expenses	86
785	do	Otto Harrassowitz	Books	[ [
786	do	Max Weg	do	14
787	do	Dulau & Co	do	
788	do	David Kinley	Traveling expenses	84 50 60 210
789	do	C. E. Thorne	Decture	50
701		William I Carbord	Books	00
792	July 13	Clayton F Summy Co	do	1
793	do	Sullivan Machinery Co	Laboratory apparatus	210
794	do	Statute Law Book Co	Books	
795	do	Ingersoll-Rand Co	Laboratory apparatus	72
796	do	Baker, Voorhis & Co	Books	78
797	do	The Michie Co	do	75 75 14 127 45 268 77 200
798	do	E. H. Sargent & Co	Laboratory supplies	127
799	qo	The Denver Fire Clay Co	Tools	40
901		West Publishing Co	DOOKS	200
803	do	T H Flood & Co	Library	200
803	do	Callaghan & Co.	Books	102
804	do	The U. of I. Supply Store	Song book	1 -
805	do	E. C. Massie, Treasurer	Books	10
806	do	The Boston Book Co	do	3
807	do	A. C. McClurg & Co	Geology equipment	10
808	do	G. E. Stechert & Co	Books	59
8U9	јшу 19	H. wascner	Dairy products furnished depart-	1 .
210	đo	H. Wascher.  Ralph Smith John Godsell C. Allen W. H. Frame. Geo. Schiff J. W. Willsey. G. W. Miller. A. J. Wright E. P. Ott D. W. Shiveley. Frank Knox. J. C. Shrock T. F. Jordan C. Ross. B. Jordan J. A. Daeger C. J. Gillespie. B. F. Thomas, Jr J. Rueb Chas. Abbott T. A. McCracken W. A. Coonce. J. D. Perham C., C., C. & St. L. Ry. Co	Booksdo Library Books Song book Books do Geology equipment Books Dairy products furnished department of dairy husbandry do	}
811	do	John Godsell	do	;
812	do	C. Allen	do	6
813	do	W. H. Frame	do	. 3
814	do	Geo. Schiff	do	1
815	do	J. W. Willsey	do	4
816	do	G. W. Miller	do	4
817	do	A. J. Wright	do	2
818	do	D. W. Chivolow	do	1 !
600 01A	uo	Fronk Wnov	do	1 . 5
921	uo	I C Shrock	do	1 5
822	do	T. F. Jordan	-do	1 2
823	do	C. Ross	do	-
824	do	B. Jordan	do	44071
825	do	J. A. Daeger	do	}
826	do	C. J. Gillespie	do	}
827	do	B. F. Thomas, Jr	do	8
828	do	J. Rueb	do	:
829	do	Chas. Abbott	do	1 !
830	do	W A Coopea		3
0511		T. D. Donboro	uo	3
820	do			

0.	Date.	To whom.	For what.	Amount.
834	1913.	O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples Bursar O. E. Staples, Bursar W. W. Lindley, Postmaster O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Burs	Express bills paiddo Postage General labor vouchers paiddo. Postage. Student labor vouchers paid Student labor vouchers paid. Student labor. Sundry bills paid do Traveling expenses do. Books do. do do	\$ 28 18
835	do	O. E. Staples, Bursar.	do	8 48
836	do	W. W. Lindley, Postmaster	Postage	8 48 15 00 383 89
838	do	O. E. Staples Bursar	do	383 89 34 90 182 00 39 40 237 19 18 13 4 75 18 7 4
839	do	W. W. Lindley, Postmaster	Postage	182 00
40	do	O. E. Staples, Bursar	Student labor vouchers paid	39 40
41	do	O. E. Staples, Bursar	Student labor	237 19
43	do	O. E. Staples, Bursar	do.	4 7
14	do	Orr M. Allyn	Traveling expenses	18 76
15	do	L. H. Smith	do	7 44
17	do	Frang Doutieles	BOOKS	32 62
18	do	G. E. Stechert & Co.	-do	4 61 16 94
9	do	A. Herman & Fils	do	46 90
0	do	Pickering & Chatto	do	1 22
2	00 Inly 91	C., C., C. & St. L. Ry. Co	Office work	4 24 5 40
3	do	R. J. Lyons	Plot work	23 20
54	do	E. T. Ebersole	Experimental work	36 92
55	do	C. E. Mattoon	. do	18 00
7	ob	W W Trimble	Flot workdo.  Farm labor. Milker dairy barn. Laborer dairy barn. Milker dairy barn. Services of assistant bookkeeper. Laborer dairy barn. Assistant Bacteriological laboratory.	1 22 4 24 5 40 23 20 36 92 18 00 14 40 13 80 8 75 6 00
8	do	C. E. Ping	Milker dairy barn	8 7
9	do	B. E. Reinel	Laborer dairy barn	6 00
0	do	H. M. English	Milker dairy barn	8 78 13 68
1	do	J. J. Herbert	Laborar dairy barn	13 68 18 00
33	do	C. G. Cox	Assistant Bacteriological laborat-	
			Assistant Bacteriological laborat- tory. Assistant milk house. Office work Farm work. Clerical work Farm work . do . do . chemical assistant Laboratory help . do Services as stenographer Farm work Official tester Services as office assistant	13 30
4	do	K. A. McCaskill	Assistant milk house	8 75
B	do	D. Vauble	Form work	16.80
7	do	S. C. Skemp	Clerical work	6 20
8	do	C. H. Rehling	Farm work	11 72
9	do	L. A. Boettiger	do	16 80
1	ao	Arthur Semple	Chemical assistant	13 30 8 75 16 80 8 80 11 72 16 80 5 08 24 00 13 20 15 70 21 45
2	do	S. D. Kirkpatrick	Laboratory help	13 20
3 .	do	W. B. Newlin.	do	15 70
ŧ.	do	A. A. Odell	Services as stenographer	21 45
1	do	G W Boardelow	Official tester	40 20 56 83
il.	.do	Vera Bever	Services as office assistant	56 83 16 80 14 00
١.	do	C. R. Sinclair	Services as assistant photographer	14 00
ŀ	do	R. A. McCaskill. D. Vauble N. Meltz S. C. Skemp C. H. Rebling L. A. Boettiger Arthur Semple B. S. Davison S. D. Kirkpatrick W. B. Davison S. D. Kirkpatrick W. B. Newlin A. A. Odell Paul Davis G. W. Beardsley Vera Beyer C. R. Sinclair A. Magnuson Florence Nyberg H. J. Vanderbeek The Lawyers Cooperative Publishing Colones & Laughlin Steel Co. D. H. Lloyde Bacon Brothers John H. Doyle Irving-Pitt Mg. Co Central Electric Co F. K. Robeson W. M. Gaertner & Co H. Horace McFarland Co C. C. Short Hunter Roube & Co Chas. A. Hall Hardware Co R. E. Brand Phe Jaenecke Printing Ink Co National Engraving Co A. O. Magnuson General Electric Co Phe Standard Calorimeter Co B. C. Anes Co B. C. Ares Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Amper Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B. C. Ames Co Mittendorf & Kiler Jeone B.	Official tester Services as office assistant. Services as assistant photographer Services as manager B. L. P. department. Services as stenographer. Services as mechanician	17 92
)	do	Florence Nyberg	Services as stenographer	16 67 20 66
2 .	.do	The Lawyers Cooperative Publishing Co.	Books	2 50
3 .	.do	Jones & Laughlin Steel Co	Laboratory supplies	2 39
1 J	uly 22	D. H. Lloyde	Books	14 67 15 99
6	do	Iohn H Dovle	do	14 00
1.	.do	Irving-Pitt Mfg. Co	Office supplies.	6 10 47 87 73 52 400 00
8 .	.do	Central Electric Co	Electric mantles	47 87
ရှု.	.do	F. K. Robeson	General supplies	73 52
1	do	W. M. Gaeriner & Co	do	151 40
2.	.do	C. C. Short.	Horse shoeing	14 50
3 .	.do	Hunter Roube & Co	Laboratory apparatus	38 90
4.	.do	Chas. A. Hall Hardware Co	Farm machinery	5 20
b g	.do	R. E. Brand	Office supplies	[23 15 3 48
7	do	National Engraving Co	Zinc etching and postage	1 1 00
8 .	.do	A. O. Magnuson	Blue prints and plates	T 15 25
ગ્ર-	.do	General Electric Co	General supplies  do do do do do do do do do do do do do	15 25 24 40 225 00
۲Į.	do	Lue Standard Catorimeter Co	do do	225 00
2	.do	Mittendorf & Kiler	Office supplies	45 00 6 00
3 :	.do	Geo. B. Carpenter & Co	General supplies	27 25 24 60
4 -	.do	Machinists Supply Co	Tools	24 60
5	.do	Reliable Plumbing & Heating Co	Plumbing materials	4 18
7	do	N. W. Dallim & Son	Traveling expenses	4 18 82 94 13 76 66 40
٠١:	do	The A. H. Andrews Co.	Laboratory apparatusdododododododo	66 40
<b>ک</b> ا۔				
9.	.do	Hegenbart & Dickerson Co	General supplies	3 40 250 00

<sup>\*</sup> Cancelled.

# ${\tt GENERAL~UNIVERSITY~VOUCHERS--} {\it Continued.}$

0.	Date.	To whom.  U. & C. Ry., Gas & Electric Co. Knowlton & Bennett. H. Swannell & Son Fred Thompson.  E. J. Percival J. E. Henderson T. P. Lyon A. G. Guard Roy Douglas J. H. Schwengel E. Grove David Wilkin R. S. McInness C. C. Gordon I. H. Besore R. A. Lumsden H. C. Kaufman E. F. Lyon J. M. Stickrod Lou Creiger J. F. Hoy A. J. Putscher Pearl Hazen W. J. Wilson James Freeman Geo. Herriott Z. C. Keene John Rueb Van Carter H. H. Krukewitt Ed. Huckins J. H. Cornett T. M. Clayton C. A. Fogel J. A. R. Koch A. G. Krukewitt J. H. Umbanhowar Len Rayburn F. H. Busey E. R. Canady F. Krukewitt R. W. Brewer James Fisher T. M. Ghere J. H. Ruten C. Luther C. W. Van Meter John Ridgeley I. T. Webb J. C. Knight G. O. McMorris A. W. McJilton W. J. Hobeson O. W. Hampton H. Wascher Geo. Schiff P. P. Dunn G. M. Seever Ralph Smith S. T. Carter John Rueb J. M. Gere J. M. Ghere J. M. Ghere J. M. Ghere J. M. Seever Ralph Smith S. T. Carter John Rueb J. M. Herriott C. J. Gillespie M. M. Seever Ralph Smith S. T. Carter John Rueb J. M. Herriott C. J. Gillespie M. Herriott C. J. Gillespie M. G. Cochram John Ingleman F. Hetro J. P. Yeazel B. F. Jordan C. Luther T. F. Jordan	For what.	Amour
	1913.			
911	July 22	U. & C. Ry., Gas & Electric Co	Gas	\$50
912	do	Knowlton & Bennett	General supplies	1
913	do	H. Swannell & Son	do	1
914	ao	Fred Thompson	Dairy products jurnished depart-	1
915	do	E. J. Percival	.do	1 1 1 2 1
916	do	J. E. Henderson	do	1
917	do	T. P. Lyon	do	2
918	do	A. G. Guard	do	1
OJOU!	do	Koy Douglas	100	1 2 2
021	uo	E Grove	do	2
922	do	David Wilkin	do	1
923	do	R. S. McInness	do	1 1
924	do	C. C. Gordon	do	i
925	do	I. H. Besore	do	î
926	do	R. A. Lumsden	do	1
927	do	H. C. Kaufman	do	1
928	do	E. F. Lyon	do	1
929	do	J. M. Stickrod	do	5
93U	ao	Lou Creiger		2 2
030 99T		J. F. Eloy	ao	2
032	uo	Pearl Hazan	do	1 1
934	do	W. J. Wilson	do	1 2 1 3
935	do	James Freeman	do	1 2
936	do	Geo. Herriott.	-do	3
937	do	Z. C. Keene	do	3 3 2
938	do	John Rueb.		2
939	do	Van Carter	do	3
940	do	H. H. Krukewitt	do	4
941	do	Ed. Huckins	do	3
942	do	J. H. Cornett	do	3 3 3 5 2 3 3 3 3 4 4 3 2 2 2 2 2 3 3 2 2 2 2 2
943	do	T. M. Clayton	do	2
944	do	C. A. Fogel	do	3
945	do	J. A. R. Koch	do	5
946	qo	A. G. Krukewitt	do	2
947	00	J. H. Umpannowar		3
040		E II Pugar		1 0
9 <del>4</del> 9	do	F D Conedy	do	1 %
951	do	F Krukowitt	do	3
$95\bar{2}$	do	R. W. Brewer	do	9
953	do	James Fisher	do	2
954	do	T. M. Ghere	do	3
955	do	J. H. Ruten	do	2
956	do	C. Luther	do	4
957	do	G. W. Van Meter	do	2
958	do	John Ridgeley	do	2
959	do	I. T. Webb	do	3
960	do	J. C. Knight	do	3
961	do	G. O. McMorris	do	1 2
202	op	A. W. McJilton		3
200	ao	O W Hempton	do	1
165	do	H Wascher	do	3 3 3 3 1 5
366	do	Geo Schiff	do	'
67	do	P. P. Dunn	do	1
68	do	G. M. Seever	do	1 2
969	do	Ralph Smith	do	ļi
970	do	S. T. Carter	do	8
971	do	John Rueb	do	8
972	do	J. M. Herriott	do	1 2
73	do	C. J. Gillespie	do	3
74	do	M. Unerry		} }
975		Relie Frances	00	3
910' 770	uo	Wm Cose	do	2
911 079	do	F C Stevenson	do	9
910 970	do	A Kroner	do	2
gan	do	F. Hetro	do	3
981	do	J. P. Yeazel	do	3
982	do	B. F. Jordan	do	l i
$98\bar{3}$	do	C. Ross	do	3
984	do	G. C. Cochram	do	.3
985	do	John Ingleman	do	5
986	do	Frank Sheffer	do	531 144 1332 27733 322333 443553
987	do	C. Luther	do	4
		tama mag mag mag	1 46	1 #

#### ${\tt GENERAL~UNIVERSITY~VOUCHERS--Continued.}$

Vo.	Date.	To whom.	For what.	Amour
989	1913. July 22	Chas. Smith  Andrew Shields W. E. Heyer C. J. Von Holten I. W. Maxwell Charles A. Campbell G. E. Stechert & Co. Automatic Electric Co J. R. Midyett S. E. Huff & Co. Sargent Steam Meter Co. Champaign Steam Laundry The Chester Transfer Co G. E. Stechert & Co. Knowlton & Bennett Mittendorf & Kiler Freeman & Brooks, Contractors H. C. Wheeler C. B. Sayre F. W. Garrett Harrison Fahrnkopf A. F. Gustafson George M. Hinkley H. W. Stewart W. M. Powell A. C. McClurg & Co. Illinois State Reformatory. Ernst Hertzberg & Sons. J. Terquem & Co. G. E. Stechert & Co. Gustav Fock H. J. Snider Harrison Fahrnkopf F. W. Gault Frisher A. L. Moats L. H. Smith H. D. Oberdorfer C. R. Newell George Harding Master Car Builders' Association University Club of Urbana & Champaign Master Car Builders' Associates. Detroit Publishing Co.	Dairy products furnished deaprt-	
990	đo	Andrew Shields	Dairy products furnished deaprt- ment of dairy husbandry	\$ 2 5 2
991	do	W. E. Hever	do	2
992	do	C. J. Von Holten	do	$\bar{3}$
993	do	I. W. Maxwell	do	76
994	July 23	Charles A. Campbell	Traveling and field expense	. 76
995	do	G. E. Stechert & Co	Books	13
007	do	Automatic Electric Co	Phone fixtures	12
0021		S E Huff & Co	Laboratory apparatus	78 95
999	do	Sargent Steam Mater Co	An	85
1000	do	Champaign Steam Laundry	Laundry	65
1001	do	The Chester Transfer Co	Surrey, team and driver	1 7
1002	do	G. E. Stechert & Co	Books	13
1003	do	Knowlton & Bennett	Laboratory apparatus	1
1004	do	Mittendorf & Kiler	Office supplies	2
1005	do	Freeman & Brooks, Contractors	Building contracts	2,789
1006	do	H. C. Wheeler	Field expenses	88
1007	ao	C. B. Sayre	Traveling expenses	5
1000	qo	Harrison Fohrnkonf	Travering and neid expense	40 70
1010	do	A. F. Gustafson	Traveling expenses	65
1011	do	George M. Hinkley	Traveling and field expense	25
1012	do	H. W. Stewart	Field expenses	48
1013	do	W. M. Powell.	do	47
1014	do	A. C. McClurg & Co	Books	96 61
1015	do	Illinois State Reformatory	Stationery	61
1016	do	Ernst Hertzberg & Sons	Bookbinding	83
1017	do	J. Terguem & Co	Books	132
1018	do	G. E. Stechert & Co	do	89
1000		Gustav Fock	Travaling armanga	1 19
1020	do	H. J. Silider	Traveling expenses	18
1021	do	F W Goult	do	78 86 58
1022	do	IF A Fisher	Field expenses	58
1024	do	A. L. Moats	do.	15
1025	do	L. H. Smith	Traveling expenses	8
1026	do	H. D. Oberdorfer	do	12
1027	do	C. R. Newell	do	12
1028	do	George Harding	Books	434
1029	do	Master Car Builders' Association	do	7
1030	do	University Club of Urbana & Cham-	Ententainment of Dr. Enema	l 6
1021	do	Horaca V. Turnar Associates	Entertainment of Dr. Evans	1 1
1032	do	Detroit Publishing Co	do	1
1033	do	Munhall Printing House	Office supplies	3
1034	do	General Electric Co.	Fixtures	12
1035	do	Buffalo Scale Co.	Laboratory apparatus	29
1036	do	Leavitt Mfg. Co	do	17
1037	do	Queen-Gray Co	Apparatus repairs	3
1038	do	E. I. duPont deNemours Powder Co	Entertainment of Dr. Evans. Laboratory apparatusdo. Office supplies Fixtures. Laboratory apparatusdo Apparatus repairs Laboratory apparatusdo	25
1039	do	H. V. Roberts	do	
1040	do	Alexander Lumber Co	do	3
1041	oo	Knowlton & Ronnett	Building material Fixtures. General supplies Laboratory supplies .do. Building materials Electrical supplies Traveling expenses .do .do .do .do .do .do	15
1042	do	Machinists Supply Co	Laboratory supplies	2
1044	do	G. M. Davis Regulator Co	do	75
1045	do	S. E. Huff	Building materials	'i
1046	do	Federal Sign System Electric Co.	Electrical supplies	13
1047	do	J. T. Alexander	Traveling expenses	8
1048	do	W. F. Fletcher	do	
1049	do	Carroll J. Badger	do	13
1050	do	J. B. Andrews	do	11
1051	do	The Burr Co	do Apparatus repairs Books	100
1052	ao	Montinua Niih of	D00KS	169 136
1054	do	Kauffal & Fesor Co	Laboratory apparatus. Book binding Books	49
1055	do	Ernst Hertzherg & Sons	Book hinding	150
1056	do	A. C. McClurg & Co	Books	152 18
1057	do	Lemcke & Buechner	do	23
1058	do	Master Car Builders' Association University Club of Urbana & Champaign. Horace K. Turner Associates. Detroit Publishing Co. Munhall Printing House. General Electric Co. Buffalo Scale Co. Leavitt Mfg. Co. Queen-Gray Co. E. I. duPont deNemours Powder Co. H. V. Roberts. Alexander Lumber Co. Automatic Electric Co. Knowlton & Bennett. Machinists Supply Co. G. M. Davis Regulator Co. S. E. Huff Federal Sign System Electric Co. J. T. Alexander W. F. Fletcher Carroll J. Badger J. B. Andrews. The Burr Co. G. E. Stechert & Co. Martinus Nijhoff Keuffel & Esser Co. Ernst Hertzberg & Sons A. C. McClurg & Co. Lemcke & Buechner Tice & Lynch. The Denver Fire Clay Co. George Strode H. I. Nelson. A. R. Grindley.	do	12
1059	do	The Denver Fire Clay Co	Laboratory supplies	12 24 · 5
1060	do	George Strode	Awnings	· 5
1061	July 24	H. 1. Nelson	Dairy products furnished depart-	1
	1		ment of dairy husbandry	4
100-	.1 -			
1062	do	A. C. McClurg & Co Lemcke & Buechner Tice & Lynch The Denver Fire Clay Co George Strode H. I. Nelson A. R. Grindley Lou Creiger E. Grove	do	3 3 2

<sup>\*</sup>Cancelled, August 4, 1913. —51 U

Vo.	Date.	To whom.	For what.	Amour
	1913.			
1065	July 24	M. Hudson	Dairy products furnished department of dairy husbandry	\$ 2
1066	do	J. M. Stickrod.	do	4 2
1067 1068	do	H. C. Kaulman	do	2 3 1 3 2 2
1069	do	S. Guinn	-do	1
1070	do	J. H. Schwengel	do	3
1071	do	David Wilkin	do	2
1072	do	Roy Dongles	do	$\frac{2}{2}$
074	do	C. C. Gordon	ldo	2
L075	do	C. A. McInness	do	1
1076	do	L. F. Lindsey	do	2
1078	do	W F Hampton	do	1 2
1079	do	A. J. Putscher	do	2
080	do	Grant Freeman	do	$\tilde{3}$
1000	do	W. E. Womacks	do	2
1082	do	G. W. Van Meter	do	3
1084	do	Chas. Wilson	do	24 33 4 23 6
L085	do	W. L. Davis	do	4
1086	do	W. A. Coonce	do	2
1087 1087	do	M. Leigh	do	3 a
1089	do	Z. Alsip	do	2
1090	do,	W. E. Yount	do	6 5
1091	do	E. R. Canady	do	5
1092	do	Ed. Heppe	do	4 5
1093	do	D. B. White	do	4
1095	do	P. J. Wagner	do	4 5
1096	do	W. J. Wilson	do	13 22 55 34 43 45
1097	do	Frank Knox	do	3
1099 1099	do	G. H. Spencer	do	5
1100	do	Wm. Brown	do	3
1101	do	W. D. Rohl	do	4
$\frac{1102}{1102}$	do	H. Cherry	do	3
1104 1109	ao	G W Pfaistar	do	4
1105	. do	F. H. Busey	do	5
1106	do	T. M. Guynn	do	4
1107	do	C. A. Fogel	do	3
1109 1109	do	W. C. Welch	do	5 4 3 5 1
1110	do	M. Hudson J. M. Stickrod. H. C. Kaufman Mart Watterson. S. Guinn. J. H. Schwengel. David Wilkin. G. F. Diefenbach. Roy Douglas C. C. Gordon. C. A. McInness. L. F. Lindsey. R. S. McInness. W. F. Hampton. A. J. Putscher. Grant Freeman. W. E. Womacks. J. J. Cender. G. W. Van Meter. Chas. Wilson. W. L. Davis. W. A. Coonce. J. D. Perham. M. Leigh. Z. Alsip. W. E. Yount. E. R. Canady. Ed. Heppe. Nicholas Hahn. D. B. White. P. J. Wagner. W. J. Wilson. Frank Knox Pearl Hazen. G. H. Spencer. W. B. Spencer. W. J. Perister. J. A. R. Koch. G. W. Pfeister. F. H. Busey. T. M. Guynn. C. A. Fogel. T. H. Richardson. W. C. Welch. Mary Hill. A. W. Nolan. Frederick Bauer. W. H. Smith. D. O. Batto. O. W. Batto. O. D. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto. O. Batto.	Salary, second half summer session, 1913.	75
1111 1119	do	Fraderick Reuer	do	112 75
1112	1 44	W. H. Smith	do	75
1114	do	D. O. Barto	do	37
1115	do	C. F. Hottes	do	112
1115 1117	do	C. W. Balke	do	50 119
1118	do	W. Glarto. C. F. Hottes P. A. Lehenbauer C. W. Balke C. G. Derick Oliver Kamm George Sears J. E. Bell E. K. Strachan B. S. Hopkins H. C. P. Weber H. O. Rugg. W. G. Bagley L. D. Coffman L. F. Anderson John Adams S. W. Miller M. H. Robinson G. W. Dowrie O. R. Martin D. K. Dodge. U. S. V. Cocce	do	112 87
1119	do	Oliver Kamm	do	50
1120	do	George Sears	do	50 75
1121	do	E. K. Strachan	do	75
1123	do	B. S. Hopkins	do	75 87 75
1124	do	H. C. P. Weber	do	87
1125 1100	do	W G Regley	do	150
1127	do	L. D. Coffman	do	150
1128	do	L. F. Anderson	do	112 250
1129	do	John Adams	do	250
1131 1131	ao	M. H. Robinson	do	150
1132	do	G. W. Dowrie.	do	50 150 75
1133	do	O. R. Martin	do	75 150
1134	do	D. K. Dodge	do	150
1125	0D	H. S. V. JONES	do	175
1137	do	A. J. Tieje	.do:	112 175 75
1138	do	O. R. Martin D. K. Dodge H. S. V. Jones M. H. Liddell A. J. Tieje E. M. Halliday Walter Buchen H. G. Paul J. W. Folsom	do	87
1139	do	Walter Buchen	do	75 112
1140	do	H. G. Paul		112
			1 00	

٧o.	Date.	To whom.	For what.	Amou
	1913.	Alvah Peterson.  D. H. Carnahan. Ingebright Lillehei O. E. Lessing. F. E. Held. P. S. Barto. A. H. Koller D. L. Patterson. A. C. Cole. Maude Parsons. Georgia Fleming. Alice Biester H. J. Barton W. A. Oldiather J. C. Park A. R. Crathrone George Rutledge. S. A. Rowland G. E. Carscallen R. L. Borger D. L. Scroggin Frederick Ellis F. B. Seeley. S. P. Farwell N. E. Ensign C. H. Mills N. E. Ensign C. H. Williams E. H. Warner O. A. Randolph L. T. Jones R. G. Gettell E. C. Hays R. G. Gettell E. C. Hays F. W. Carpenter W. A. Court Ruth Marshall Ethel Bond E. J. Reece Edith Ford John W. Harp University of Illinois Supply Store.		
1142	July 24	Alvah Peterson	Salary, second half summer ses-	
1143	do	D. H. Carnahan	do	\$ 50 100 . 50
1144	do	Ingebright Lillehei	do	. 50
1145	do	O. E. Lessing	do	150
1140 11 <i>4</i> 7	do	P S Borto	do	. 75 . 75
1148	do	A. H. Koller	do	75
1149	do	D. L. Patterson.	do	75 150
1150	ldo	A. C. Cole	do	100 50
1152 1152	do	Georgia Flaming	do	50
1153	do	Alice Biester	.do	50 50
1154	do	H. J. Barton	do	50 100
1155	do	W.A. Oldfather	do	100
1150 1157	do	J. C. Park	do	175 87
1158	do	George Rutledge	do	75
1159	do	S. A. Rowland.	do	75 75
1160	do	G. E. Carscallen	do	75
1169	do	R. L. Borger	do	87 75
1163	do	Frederick Ellis	do	75
1164	do	F. B. Seeley	do	75
1165	do	S. P. Farwell	do	75 75 75 150 50 87
1166	do	N. E. Ensign	do	75
1162 1162	do	H F Crooks	do	150
1169	do	E. H. Williams	do	87
1170	do	E. H. Warner	do	50
1171	do	O. A. Randolph	do	75
$\frac{1172}{1172}$	do	L. T. Jones	do	75
1174	do	E C Hove	do	150 150
1175	do	F. W. Carpenter	do	112
1176	do	W. A. Court	do	112 37 37
1177	do	Ruth Marshall	do	37
1179	do	E I Resea	do	87 87
1180	do	Edith Ford	do	42
1181	do	John W. Harp	Labor and material	42 50
1182	do	University of Illinois Supply Store	Office supplies	1 1
1184	do	Illinois State Reformatory	do	17 112
1185	do	Bennetts Magazine Agency	do. Magazines and newspapers	1 1
1186	do	G. E. Stechert & Co	Bagazines and newspapers Books General supplies Office equipment Furniture General supplies Labor Field expenses	169
1187	do	Twin City Ice & Cold Storage Co	General supplies	49
1160	do	The Decetur Lumber Mfg. Co.	Office equipment	49
1190	do	Hunter Rourke & Co	General supplies	45 28
1191	do	Percy Stallings	Labor	120 27 38
$\frac{1192}{1100}$	do	George W. Medley	Field expenses	27
1193 1104	do	Harry C. Gilkerson	Traveling expenses	20
1195	-do	W. M. Taylor	Field expenses	6
1196	do	W. A. Court. Ruth Marshall Ethel Bond. E. J. Reece. Edith Ford John W. Harp University of Illinois Supply Store. D. H. Lloyde. Illinois State Reformatory. Bennetts Magazine Agency G. E. Stechert & Co. Twin City Ice & Cold Storage Co. Peck & Hills. The Decatur Lumber Mfg. Co. Hunter Rourke & Co. Percy Stallings. George W. Medley. Harry C. Gilkerson. Alfred J. Gunderson. W. M. Taylor W. C. Coffey J. E. Henderson.	Field expensesdo. Field expenses. Traveling expenses. Traveling expenses. Dairy products furnished department of dairy husbandry.	
1197	July 25	J. E. Henderson	Dairy products furnished depart-	_
1198	4.0	Time of Tills arrange are	ment of dairy husbandry	2
1199	- do			9
1200	do	Chas. Allen	do	2
1211	do	E. F. Lyon.	do	1
1202	do	Geo. Schiff	do	2
1203	do	A I Wright	do	9
1205	do	C. J. Gillespie	do	3
1206	do	O. A. Foster	do	3
1207	do	Andrew Shields	do	2 1 2 2 2 1 2 3 3 3 3 5
±⊿∪8 1209	do	C. Luther	ao	. 1
$\overline{1210}$	do	C. Ross	do	. 4
1211	do	T. F. Jordan	do	4
1212	do	G. W. Miller	do	4
1914 1213	do	John Godsell Chas. Allen E. F. Lyon Geo. Schiff. W. H. Frame. A. J. Wright. C. J. Gillespie. O. A. Foster Andrew Shields W. E. Heyer C. Luther C. Ross. T. F. Jordan G. W. Miller B. Jordan Chas. Smith.	do	4 5 2 3
$\frac{1214}{1215}$	do	Chas. Smith A. W. McJilton J. C. Schrock J. H. Umbanhowar F. S. Umbanhowar	_do	3
1216	do	J. C. Schrock	do	4
1217	do	J. H. Umbanhowar	do	4
	1 40	F. S. Umbanhowar	l do	4

Vo.	Date.	To whom.	For what.	Amou
1219	1913. July 25	D. W. Shiveley	Dairy products furnished department of dairy husbandry	
1220	do	Wm Leishner	ment of dairy husbandry	\$ 3 2 1
$\frac{1220}{1221}$	do	Len Rayburn	do	2
1222	do	J. D. Pittman	do	ī
1223	do	C. H. Demlow	do	2 4
1224	do	J. W. Willsey	do	4
1225	do	C., C., C. & St. L. Ry. Co	Freight and express	24 1
1226	do	C., C., C. & St. L. Ry. Co	do	1
1227	do	The Wabash R. R. Co., Urbana	'do	63 109
1 <i>22</i> 0 1990	do	The University of Illinois Supply Co.	Office supplies	11
1230	do	D H Lloyde	do	10
1231	- do	Alexander Lumber Co	General supplies	ĩ
1232	do	John H. Dovle	Farm machinery	2
1233	do	Ernst Hertzberg & Sons.	Bookbinding	51
1234	do	American Hard Rubber Co	Laboratory supplies	3 1 22
L235	do	Samuel Abrams	Office supplies	1 1
1236	do	Economy Drawing Table Co	Office equipment	22
1237	do	Central Electric Co	Laboratory apparatus	13 2
1238	op	Jno. B. Bennett	Conord supplies	2
1239 1940	uo	C C Willoughby	Laboratory apparetus	1 104
124U 1241	đo	Vaughan's Seed Store	General supplies	109
1242	do	Revere Rubber Co.	Farm machinery	7
243	do	Peters & Rud Pottery Co	General supplies	103 40 7 37 2 17 13
1244	do	L. K. Howse.	do	2
1245	do	G. Cramer Dry Plate Co	Supplies	17
1246	do	G. & C. Merriam Co	Books	13
1247	do	Western Electric Co	Laboratory supplies	5
1248	do	C. B. Sayre	Traveling expenses	20 170
1249 1950	ao	O E Stanles Rursor	General pay roll paid in each to	170
1250	do	D. W. Shiveley.  Wm. Leishner. Len Rayburn. J. D. Pittman. C. H. Demlow. J. W. Willsey. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. The Wabash R. R. Co., Urbana. Crosby Steam Gage & Valve Co. The University of Illinois Supply Co. D. H. Lloyde. Alexander Lumber Co. John H. Doyle. Ernst Hertzberg & Sons. American Hard Rubber Co. Samuel Abrams. Economy Drawing Table Co. Central Electric Co. Jno. B. Bennett. Leonard Seed Co. C. G. Willoughby. Vaughan's Seed Store Revere Rubber Co. Peters & Rud Pottery Co. L. K. Howse. G. Cramer Dry Plate Co. G. & C. Merriam Co. Western Electric Co. C. B. Sayre. Paul Gottschalk O. E. Staples, Bursar.	July 23, 1913Sundry hills paid in cash to July	22
		0 77 64 1 70	23, 1913	38 40
		O. E. Staples, Bursar O. E. Staples, Bursar	Postage Advance of money for petty cash fund, July 24, 1913. Advance of money for petty expense cash, July 24, 1913. Labor pay roll to July 23. Bills paid to July 23, 1913. Laboratory apparatus. Window shadas	5,000
		C. G. Hopkins, Vice Dean	Advance of money for petty expense cash, July 24, 1913	600
1255	do	O. E. Staples, Bursar	Labor pay roll to July 23	83 84 105
1250	00	Creeby Steem Core & Volve Co	Laboratory opporation	105
1257 1950	do	Wittiams Brothers	Window shades	100
1259	July 26	E. Grove	Dairy products furnished depart-	
	July 20		ment of dairy husbandry	1
1260	do	Lou Creiger	do	2
1261	do	R. S. McInness	do	2
1262	do	C. C. Gordon	do	]
1263	do	Lou Creiger R. S. McInness C. C. Gordon J. H. Schwengel G. Taylor David Wilkin H. Wascher G. F. Diefenbach R. A. Lumsden T. P. Lyon J. F. Hoy H. C. Kaufman Mrs. S. G. Richards Van Carter M. Cherry M. Leigh John Rueb	do	
1264	ao	Dovid Willrin	ao	
1200 1966	ao	David Wilkill	do	
.⊿00 I267	do	G. F. Diefenbach	do	1 9
1268	do	R. A. Lumsden	do	1
269	. do	T. P. Lyon	do	j
270	do	J. F. Hoy	do	]
271	do	H. C. Kaufman	do	2
272	do	Mrs. S. G. Richards	do	]
273	do	Van Channer		3
274	do	M. Unerry	ao	}
275	do	In Deigii	do	
277	do	David Hahn	do	}
278	do.	M. Leigh John Rueb David Hahn W. E. Satterfield C. M. Van Meter L. G. Van Buskirk E. P. Ott James Freeman	-do	1 2
279	do	C. M. Van Meter.	do	3
L280	do	L. G. Van Buskirk	do	2
1281	do	E. P. Ott	do	3
1282	do	James Freeman	do	8
1283	do	Ed. Huckins	do	1
1284	do	James Fisher	do	[ 2
1285	ao	T. M. Clayton	ao	
1286 1997	ao	H H Krukowitt	do	2
1288 1288	do	I A. R. Koch	do	8
1289	do	Ed. Huckins. James Fisher T. M. Clayton Chas. Wilson H. H. Krukewitt J. A. R. Koch T. M. Ghere. E. R. Canady T. A. McCracken	-do	3 2 2 4 5 4 5 4 5 2 3 3 1 2 1 2 3 5 4 5 4 5 5 4 5 5 5 5 4 5 5 5 5 5 5 5
1290	do	E. R. Canady	do	5
			l a.	ı ř

<sup>\*</sup> Cancelled.

٧o٠	Date.	To whom.	For what.	Amou
	1913.			
1292	July 26	W. J. Wilson	Dairy products furnished depart- ment of dairy husbandrydo do	\$ 1
1293	do	J. M. Herriott. Geo. Herriott. F. H. Busey. C. J. Van Holten W. J. Hobeson. C. M. McConn. Peck & Hills Furniture Co. H. S. Capron. Laura B. Evans. The Taylor Hardware Co. Leavitt Mfg. Co. Alexander Lumber Co. Walker & Mulliken. The University of Illinois Supply Store. Twin City Ice & Cold Storage Co. The Chas. A. Hall Hardware Co. J. W. Stipes. O. M. Allyn. A. W. Nolan. L. C. Smith & Bros. Typewriter Co. E. H. Sargent & Co. Louden Machinery Co. R. C. Wagner & Son Frison Brothers. Peck & Hills R. W. Braithwaite. F. Blocki Co. Champaign Seed Co. P. P. Dunn Geo. Schiff.	do	\$ 1 2 3
1294	do	Geo. Herriott.	do	3
1295	do	F. H. Busey	do	3 4 2 2 15 434 600
1296	do	C. J. Van Holten	do	2
1297	do	W. J. Hobeson	Traveling arranges	1 12
1200	do	Pack & Hills Furniture Co	Iraveiing expenses. Furniture Land Traveling expenses. Fixtures. Laboratory apparatus. Building materials. General supplies Office equipment. General supplies Farm machinery Paving. Traveling expenses. do Office equipment Laboratory supplies General supplies. Expenses. General supplies. Fixpenses. General supplies General supplies Machine repairs. Furniture. Visit to dairy barn Machine repairs. General supplies General supplies.	10
1300	July 28	H. S. Capron	Land	600
1301	do	Laura B. Evans.	Traveling expenses	42 17 99
1302	do	The Taylor Hardware Co	Fixtures	17
1303	do	Leavitt Mfg. Co	Laboratory apparatus	99
1304	do	Alexander Lumber Co	Building materials	12
1305	do	Walker & Mulliken	General supplies	3
1300	do	The University of Illinois Supply Store	Office equipment	32 25
1202	00	Twin City 100 & Cold Storage Co	Form mochinery	20
1309	40	I W Stines	Paving	13 600
1310	. do	O. M. Allyn	Traveling expenses	11
1311	do	A. W. Nolan	do	11
1312	do	L. C. Smith & Bros. Typewriter Co	Office equipment	70 14
1313	do	E. H. Sargent & Co	Laboratory supplies	14
1314	do	Standard Oil Co	General supplies	9
1315	do	Louden Machinery Co	Expenses	4
1316	do	R. C. Wagner & Son	General supplies	10 25
1316	do	Pook & Hills	Functions	22
1310	do	D W Breithweite	Wigit to doing horn	
1320	do	F Blocki Co	Machine renairs	i a
1321	do	Champaign Seed Co.	General supplies  Dairy products furnished department of dairy husbandry	15
1322	July 29	P. P. Dunn	Dairy products furnished depart-	
		•	ment of dairy husbandry	1
1323	do	Geo. Schiff	do	4
1324	do	Geo. Schiff J. E. Henderson I. H. Besore. Ralph Smith A. R. Grindley Chas. Smith C. E. Smoot. C. J. Gillespie Frank Knox A. Kroner	do	1
1325	do	I. H. Besore	do do do	2
1320	do	Kaiph Smith		1 2
1398	1do	Chas Smith	do	6
1329	do	C. E. Smoot	do	9
1330	do	C. J. Gillespie	do	1 8
1331	do	Frank Knox	do	4
1332	do	A. Kroner	do	4
1333	do	D. W. Shiveley	do	11 44 11 22 22 22 22 22 22 22 22 22 22 22 22
1334	do	C. A. Fogel	do	}
1335	do	C. Ross	do	2
1000		C Turban	u0	
1338	do	R Jordan	do	]
1339	40	T T Webb	do	) }
1340	- do	W. S. Hanley	_do	1 3
1341	do	I. W. Maxwell	do	
1342	do	W. J. Hobeson	do	2
1343	do	D. H. Lloyde	Office supplies	
1344	do	University of Illinois Store	General supplies	25 16
1345	00	Taylor Hardware Co	Canaral supplies	1 16
1347	ao	Twin City Ice & Cold Storage Co	do do	22
1348	do	G. E. Stechert & Co	Books	3
1349	do	Ernst Hertzberg & Sons	Binding books.	24 24 150
1350	do	Strauch Kodak Finishing Shop.	Photo supplies.	1 7
1351	do	W. G. Pye & Co	Laboratory apparatus	150
1352	do	Ralph Smith A. R. Grindley Chas. Smith. C. E. Smoot. C. J. Gillespie. Frank Knox A. Kroner. D. W. Shiveley C. A. Fogel. C. Ross. T. F. Jordan C. Luther B. Jordan I. T. Webb W. S. Hanley I. W. Maxwell W. J. Hobeson D. H. Lloyde University of Illinois Store Taylor Hardware Co. S. E. Huff & Co. Twin City Ice & Cold Storage Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. Strauch Kodak Finishing Shop. W. G. Pye & Co. John Davis Otto Lange The Museum Book Store A. C. McClurg & Co.	Books	214
1353	do	Otto Lange	do	214
1354	do	The Museum Book Store	00	12
1356	00	A. C. McClurg & Co	do do do do do do do	]
1357	do	W F Langelier	Traveling avnances	39
1358	do	C. R. Newell	do	13
1359	do	Garm Norbury	do	1 14
1360	do	Harry F. Ferguson	do	14 37
1361	do	W. J. Carmichael	do	130 130 83
1362	do	O. S. Fisher.	do	130
1363	do	J. E. Whitechurch	Traveling and field expenses	88
1364	do	I. W. Maxwell W. J. Hobeson D. H. Lloyde University of Illinois Store Taylor Hardware Co. S. E. Huff & Co. Twin City Ice & Cold Storage Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. Strauch Kodak Finishing Shop. W. G. Pye & Co. John Davis. Otto Lange. The Museum Book Store. A. C. McClurg & Co. A. S. Clark W. F. Langelier C. R. Newell Garm Norbury Harry F. Ferguson W. J. Carmichael O. S. Fisher J. E. Whitechurch J. R. Trevett. J. Terquem & Co. Champaign Seed Co. National Engraving Co.	. do	11
	ao	J. Terquem & Co	Books. General supplies. Zinc etchings from drawings and	2
1920				1 2
1366	do	National Engraving Co	Zine etchings from drowings and	1

lo.	Date.	To whom.	For what.	Amou
	1913.	W. Lewis & Co. The Urbana Courier Co. International Magazine Co. Montgomery Ward & Co. National X-Ray Reflector Co. Walker & Mulliken Rand, McNally Co. H. H. Stock Central Union Telephone Co. Boston Book Co. Frank Rick P. D. Long H. W. Stewart Ralph Chaplin Watson Faulkner Max Weg The Champaign News W. F. Hampton R. A. Lumsden G. M. Seeber David Wilkin A. P. Putscher G. F. Diefenbach John Ingleman F. C. Stevenson A. G. Krukewitt F. Krukewitt F. Krukewitt F. Krukewitt F. S. Umbanhowar W. E. Yount W. D. Rohl A. W. W. Gilton F. W. Howell L. F. Bialeschski P. J. Wagner H. I. Nelson J. H. Schwengel F. H. Busey S. Guinn Fred Thompson R. S. McInness C. C. Gordon O. A. McInness H. Wascher J. F. Hoy H. C. Kaufman E. Grove M. Hudson E. J. Percival Roy Douglas Lou Creiger L. F. Lindsey N. Hahn J. H. Umbanhowar W. E. Womacks E. M. Frankenburg J. A. R. Koch John Rueb G. W. Van Meter C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meren C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. H. Waller C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. W. Brewer Geo. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. C. Augustus Alexander Lumber Co Bacon Brothers Cunningham Bros Ernst Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. Herriott S. T. Carter Chas. About Pear Meyen C. A. Fogel R. H. Hill Hardware Co.		
1368	July 29	W. Lewis & Co	Window shades	\$ 4
1369	do	The Urbana Courier Co	Printing and publishing	28 38
1370	do	International Magazine Co	Books	38
1371	do	Montgomery Ward & Co	Laboratory apparatus	1 131 2 32 7 6 1 42 72 51 24
1372	do	National X-Ray Reflector Co	Electric fixtures	131
1373	do	Walker & Mulliken	Shades	2
1374	do	Rand, McNally Co	Laboratory apparatus	32
1375	do	H. H. Stock	Books	7
<b>13</b> 76	do	Central Union Telephone Co	Toll service	6
1377	do	Boston Book Co	Books	1
1378	do	Frank Rick	Field expenses	42
1379	do	P. D. Long	do	72
1380	do	H. W. Stewart	Traveling expenses	51
381	do	Ralph Chaplin	Field expenses	24
382	do	Watson Faulkner	General supplies	7
383	do	Max Weg	Books	23 44
1384	do	The Champaign News	Newspaper	44
385	July 30	W. F. Hampton	Dairy products furnished depart-	]
.000	oury oo	W. I. Humpton	ment of dairy husbandry	) >
226	do.	R A Laimedon	do	l î
327	do	G M Sacher	do	1 1 1 1 2 5 3 2 2 3 3 6
200	uo	Dovid Willrin	do	4
200	uo	A D Durtahov	do.	-
389		A. F. Fulscher	uo	
390	ao	G. F. Diefenbach		1 2
391	do	John Ingleman	do	
392	do	F. C. Stevenson	do,	8
393	do	A. G. Krukewitt	do	8
394	do	F. Krukewitt	do	) 2
.395	do	J. F. Hubbard	do	2
396	do	F. S. Umbanhowar	do	8
397	do	W. E. Yount	do	l 6
398	do	W. D. Rohl	do	. 4
399	do	A. W. McJilton	do	
400	do	F. W. Howell	do'	1
401	do	L. F. Bialeschski	do	3
402	do	P I Wagner	do	1 3
403	do	H I Nelson	do	1 3
404	40	T H Schwengel	do	1 3
405	do	F II Bucay	do	1 3
400	do	Cuinn	do	1 3
1407	do	End Thompson	do	:
100		D C McInpage	do	
1400	qo	C. C. Candan		l' :
4109		O. C. Gordon		1 :
1410		U. A. McInness		
411		H. Wascher	do	
412	ao	Ј. Г. ноу	do	1 :
413	do	H. C. Kaulman	do	
414	ao	E. Grove	do	
415	do	M. Hudson	do	
416	do	E. J. Percival	do	:
417	do	Roy Douglas	do	
418	do	Lou Creiger	do	
419	do	L. F. Lindsey	do	1 :
420	do	N. Hahn	do	1
421	do	J. H. Umbanhowar	do	} .
422	do	W. E. Womacks	do	1 :
423	do	E. M. Frankenburg		
494	do	I. A. B. Koch	do	
425	do	John Rueh	do	
426	do	G W Van Meter	do	
497	do	C A Fogel	do	
128	do	D W Brower	do	1 :
120	do	Goo Harriott	do	1 3
120	do	Q T Cartar	do	:
491	40	Chog Abbott	u0	:
101	uo	Doorl Hogon	do	;
490	uo	T W Willcox	do.	1
400	uo	O E Ctoples Program	Gundam bills nois to Tolo 00 1010	
454		O. E. Staples, Bursar	bundry bills paid to July 29, 1913.	1 40
435	qo	U. E. Staples, Bursar	Bills baid to July 29, 1913	12 28 3
430	ao	John Harp, Contractor	Grading	28
437	յսլy 31	A. F. Gustaison	Traveling expenses	3
438	do	V. K. Fleming	do	1 4
L439	do	H. C. Augustus	Land	20,000
L440	do	Alexander Lumber Co	Building material	20,000
1441	do	Bacon Brothers	Laboratory apparatus	1 7
1442	do	Cunningham Bros	General supplies	:
1443	do	Cunningham Bros Ernst Hertzberg & Sons Martinus Nijhoff Chas. A. Hall Hardware Co.	Books	34
		Mortinua Niihoff	doGeneral supplies	1 6
444				

0.	Date.	John H. Doyle  S. E. Huff & Co G. E. Stechert & Co Norton Co W. M. Welch Co Herbert W. Mumford D. H. Stevenson. Western Union Telegraph Co., Urbana International Magazine Co Alexander H. Revell & Co G. Gennert. Eisner Grocery Co Eisner Grocery Co American Building Association News. Thwing Instrument Co Mesdemoiselles Vesque. Otto Harrassowitz Gustav Fock. Bernh. Liebisch. Illinois Central R. R. Co C. C., C. & St. L. Ry. Co Wabash R. R., Urbana. E. H. Sargent & Co The Taylor Hardware Co Merch & Co J. W. Butler Paper Co Marshall Field & Co Raymond B. Campbell Burroughs & Champbell Burroughs & Champbell Burroughs & Champbell Burroughs & Champbell Central Electric Co. Bacon Brothers General Electric Co. Bacon Brothers General Electric Co. The Cressley Machine Co. Keuffel & Esser Co H. F. Chester W. S. Miller J. M. Smith.  Cora Stacker W. H. Webb G. C. Gordon John McCullough John Weiss Robt. Grenham Mart Watterson John Godsell Geo. Schiff J. M. Stickrod Chas Smith A. G. Guard B. Jordan T. F. Jordan J. D. Pittman J. A. Dertaman J. D. Pittman J. A. Dertaman J. D. Pittman J. A. McCracken C. J. Gillespie. H. F. Ridgeley A. J. Wright Chas Ross C. M. Pfeister J. M. Hever G. C. Occhran W. L. Davis T. H. Sues J. W. H. Webl G. C. Occhran W. L. Davis T. A. Jordan J. D. Pittman J. A. Dertaman J. A. McCracken C. J. Gillespie. H. F. Ridgeley A. J. Wright Chas Ross C. M. Pfeister J. M. Stickrod Chas Cochran W. L. Davis T. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Jordan J. D. Pittman J. A. Sceneral Rectric Co. J. W. E. Heyer J. J. Wright J. W. E. Hey	For what.	Amou
	1913.			_
446	July 31	John H. Doyle	Fencing	\$ 6 2 1
447	do	S. E. Huff & Co	Fixtures	2
448	do	G. E. Stechert & Co	Books	1 1
449	do	NOTION CO	Laboratory apparatus	10
450	do	W. M. Welch Co	Once equipment	16
451	do	Herbert W. Mumiord	Traveling expenses	11
152		Western Thier Melegraph Co. The	Meggegg	13 10 33 51 2 1 3 208 56
453	ao	Western Union Telegraph Co., Urbana	Messages	10
455	ao	A lower der H. Devell & Co	Duuks	50
450	do	G. Connert	T charatery ennerging	01
457		Figner Crosser Co	Conord gunnling	1 1
150		A merican Building Association Name	Rooks	
150	do	Thwing Instrument Co	Laboratory apparatus	200
160		Macdamaicallas Vasava	do	200
161	uo	Otto Harragannitz	Rooks	90
462	do	Guetay Foel	do	1
463	do	Rarnh Lighisch	do	1 :
464	A110	Illinois Central P. P. Co	Fraight and avarage	1 1
165	Aug I	C C C & St I. Dr Co	do do	1
166	do	Woboch D D Urbono	do	1 6
167	do	E H Sargent & Co	Lahoratory supplies	10
460 401	do	The Taylor Hardware Co	Ruilding material	2 12
400 400	do	March & Co	Laboratory cumplies	
100 170	do	I W Butler Pener Co	Envelones	4
471 471	do	Marchall Field & Co	Ruge	76
470	do	Raymond R Campball	Office supplies	1 10
172	do	Burroughe Adding Machine Co	Adding machine	49
474	do	IIrhana & Champaign By Gas & Elec-	Adding machine	49
***		tric Co	General supplies	9
475	do	Cantral Electric Co	Electrical supplies	-
476	40	Recon Brothers	Varnish remover	
477	do	General Electric Co	Laboratory apparatus	8 90 13
47Q	do	The Crossley Machine Co	do	000
470	do	Waiiffal & Freer Co	do	1 19
48U	do	H F Charter	Coach	10
481	do	W S Miller	Additional calary	۱ ۶
480	do	T M Smith	Dairy products furnished depart.	. "
402		3. M. Silliul	ment of dairy husbandry	7
483	do	Core Steeker	do do	1
484	do	W H Webb	do	·
485	do	G C Gordon	do	1
486	do	John McCullough	do	9
487	do	John Weiss	do	] 5
488	do	Robt. Graham	do	٠ -
489	do	Mart Watterson	do	
490	do	John Godsell	do	
491	do	Geo. Schiff	.do	
492	do	I. M. Stickrod	.do	
493	do	Chas. Smith	do	
494	do	A. G. Guard	.do	
495	do	B. Jordan	do	.1
496	do	T. F. Jordan	do	1 2 2 2
497	do	J. D. Pittman	do	
4 <b>9</b> 8	do	J. A. Daeger	do	.1
499	. do	T. A. McCracken	ldo	1
รักก	do	C. J. Gillespie	do	
501	do	H. F. Ridgelev	do	1
502	do	A. J. Wright	do	1
503	do	Chas. Ross	do	1
504	do	C. M. Pfeister	do	1
505	do	J. M. Herriott	do	1
506	do	C. Luther	do	
507	do	W. E. Hever	do	
รักร	do	G. C. Cochran	do	1
500	do	W. L. Davis	do	i
510	do	T H Richardson	do	Ί.
511	do	Len Rayburn	do	1
519	do	C Sadler	do	3
512	do	G O McMorriss	do	1
514	40	I H Rutan	do	
515	do	Wm Case	do	1
516	do	C I VanHolten	do	1
517	do	II S Geological Survey	Mans	3
510	40	March & Co	Laboratory supplies	1 8
510 510	do	Wolker & Mullikan	Office equipment	10
KUU KUU	Aug	M S Katchum	Traveling expenses	10
501	nug. 2	G E Stochart & Co	Rooks	19 2
44 ن	J av	mine & Twends	Travaling avnances	1 19
500				

Vo.	Date.	To whom.	For what.	Amou
	1913.			
1523	Aug. 2	A. C. McClurg & Co	Books	\$ 2 5 5 25 237 236
1524	do	Boston Book Co	do	5
1525	do	Boston Book Co.  Ernst Hertzberg & Sons. Callaghan & Co. T. H. Flood & Co. Paul Gottschalk H. Wascher	do	5
1520	do	T H Flood & Co	do	20
1528	do	Paul Gottschalk	-do	236
1529	do	H. Wascher	Dairy products furnished depart-	200
_0_0		71 0002202	ment of dairy husbandry	5
1530	do	H. C. Kaufman	do	1
1531	do	David Wilkin	do	1
1532	do	J. H. Schwengel	do	1
1533	do	R. S. McInness	do	1
1534	do	C. C. Gordon	do	1
1535	00	E Crove	do	1 2
1520	do	T. T. Lindson	do	1
1538	do	G H Spencer	do	1 4
1539	.do	Ed. Huckins	do.	i
1540	do	Grant Freeman	do	3
1541	do	J. D. Perham	do	2
1542	do	J. A. R. Koch	do	51 11 11 11 11 11 13 22 22 44 52 22 45 52 34 43 34 34 34 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36
1543	do	E. P. Ott	do	2
1544	do	D. W. Shiveley	do	4
1545	ao	W. J. Wilson	ao	2
1540	ao	T M Chara	do	2
1547	do	Paul Gottschalk H. Wascher H. C. Kaufman David Wilkin J. H. Schwengel R. S. McInness C. C. Gordon Lou Creiger E. Grove L. F. Lindsey G. H. Spencer Ed. Huckins Grant Freeman J. D. Perham J. A. R. Koch E. P. Ott D. W. Shiveley W. J. Wilson James Fisher T. M. Ghere M. Leigh John Rueb E. R. Canady James Freeman J. C. Schrock J. P. Yeazel J. C. Schrock J. P. Yeazel J. G. Mosler J. W. Willsey J. W. Willsey J. W. Willsey J. W. Willsey J. W. Willsey J. W. Willsey J. W. Willsey J. M. Guynn F. H. Busey J. W. Willsey J. M. Waxwell J. G. Mosier J. T. Alexander W. F. Fletcher H. P. Rusk Ellen M. Henrotin Florence E. Watson Cornelius Stocker Garfield Jones W. L. Gaines F. A. Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A Pearson L. S. A	do	4
1549	do	John Rueb	do	5
550	.do	E. R. Canady	do	ĺ
1551	do	James Freeman	do	1 2
1552	do	Van Carter	do	3
1553	do	J. C. Schrock	do	4
1554	do	J. P. Yeazel	do	3
1555	do	L. G. VanBuskirk	do	2
1556	do	T. M. Guynn	do	4
1557	do	T W Willson	do	2
1220 1999	do	C H Damlow	do	1 5
1560 1560	do	I W Maxwell	do	ةِ ا
1561	Aug. 5	J. G. Mosier	Expenses	54
1562	do	J. T. Alexander	do	2 4 2 2 3 3 54
<b>1</b> 563	do	W. F. Fletcher	do	12
1564	do	H. P. Rusk	do	12
1565	do	Ellen M. Henrotin		17 54
1566	do	Compoling Stocker	do	10
1560 1560	do	Carfield Iones	do	12
1569	do	W L Gaines	do	. 101
1570	do	F. A. Pearson	do	30 39 34
1571	_do	A. S. Ambrose	Wages, July, 1913	39
1572	do	C. G. Cox	do	34
1573	do	C. E. Ping	do	22
1574	do	H. M. English	[:-d1	22 50 . 50
1575	do	Florence Stoutzenberg		50
1576	do	Kaipn Morray	ao	J. 50
1577	oo	S D Kirknetrick	do	75
1578 1579	do	W R Newlin	do	40 51 66 37
1580 1580	do	A. A. Odell	do	66
1581	do	C. I. Newlin.	do	37
1582	do	Olive G. Reid	do	50
1583	do	J. E. Morgan	do	6
1584	do	Lucile Needham	do	60
1585	do	Horace Ingalls	do	83
1586	do	J. H. Uneckiey		1 88
1587	do	W W Vern	do	100
1200	do	Ethal Sharn	do	1 46
1500 1500	do	Lillian Poll	_do	50
1590 $1591$	do	Anna Crathorne	do	50
1599	do	Harley Foor	do	55
1593	.do	C. T. Ĭungerich	do	50
1594	do do	Cornelius Stocker Garfield Jones W. L. Gaines. F. A. Pearson A. S. Ambrose C. G. Cox C. E. Ping H. M. English Florence Stoutzenberg Ralph Morray B. S. Davison S. D. Kirkpatrick W. B. Newlin A. A. Odell C. I. Newlin Olive G. Reid J. E. Morgan Lucile Needham Horace Ingalls J. H. Checkley E. A. White W. W. Yapp Ethel Sharp Lullian Poll Anna Crathorne Harley Foor C. T. lungerich I. F. Burdick M. D. Rose Andrew Tornquist D. Vauble E. A. White D. Vauble E. A. White E. A. Whose Andrew Tornquist D. Vauble E. A. White	do	100 70 40 50 50 55 75
1595	do	M. D. Rose	do	52
1596	do	Andrew Tornquist	do	75 53 12 60 8
1597	[]do	D. Vaudie		55
1598	dc	Lomes Reswell	do	12
1998	do	Mortin Sandwall		00
		PARCE OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE P	uv	, ,

0.	Date.	Frank Beach Forrest Bebb W. E. Golden W. B. Golden H. I. Hannah H. D. Brown B. S. Pickett W. H. Smith John Brannigan Thomas Butler Chas. Gundlock A. C. Speedie N. Meltz J. G. Roberts E. W. Mattoon Alpha Tornquist Edward Brown E. T. Ebersole Fred Hawkins H. D. McQueen W. M. Mink G. C. Mink P. O. Moore Will Patterson M. F. Stives W. W. Trimble W. L. Bennett B. H. Dunlap J. M. Dunseth L. A. Hunter C. E. Mattoon G. F. Smalley W. H. Rayner R. E. Davis B. L. Bowling J. J. Kazar P. T. Gregory Wills Leriche Vera Beyer Marle A. Gordon R. Pergande R. W. Wilson L. W. Fisk F. G. Wilson W. S. Goodspeed Bertha G. States Louise Lietz R. E. Davis B. C. J. Nes Bertha G. States Louise Lietz R. E. Davis W. H. Rayner Wes Wilson L. S. Baldwin L. J. J. Kayar P. T. Gregory Willis Leriche Vera Beyer Marle A. Gordon R. Pergande R. W. Wilson L. W. Fisk F. G. Willson W. S. Goodspeed Bertha G. States Louise Lietz R. E. Davis W. H. Rayner Wes Wilson C. A. Brumley L. W. H. Rayner Wes Wilson C. A. Brumley L. W. H. Rayner Wes Wilson C. A. Brumley H. F. Gonnerman J. M. Lindgren Burt Hays L. S. Baldwin H. F. Gonnerman J. M. Lindgren Burt Hays L. S. Baldwin C. A. Brumley H. F. Gonnerman J. M. Lindgren Burt Hays L. S. Baldwin C. A. Brumley H. F. Gonnerman J. M. Lindgren Burt Hays L. S. Baldwin C. R. Nickolls J. J. Herbert W. W. Miller Ot S. Keauer S. C. Taylor Charles Palmer E. E. Hollman V. R. Fleming	For what.	Amou
7,	1913.			
601	Aug. 5	Frank Beach	Wages, July, 1913	\$ 4 2 5
602	do	Forrest Bebb	do	2
303	do	W. E. Golden	do	5
304	do	W.B. Golden	do	5 5 5
305	do	H. I. Hannah	do	5
306	do	H. D. Brown	do	5
507	do	Harry Mohlman	do	5
508	do	H. A. Ruehe	Expenses	1
309	do	B. S. Pickett	Supplies	3
310	do	W. H. Smith	Expenses	
110	ao	John Brannigan	wages, July, 1913	0
012	ao	Thomas Butler	do	6
113	do	Chas. Gundlock	00	2
514	ao	A. C. Speedie	ao	2
115	ao	N. Meitz	do	2
516	ao	J. G. Roberts	do	22 23 33
517	ao	E. W. Mattoon	do	3
318	ao	Alpha Tornquist	do	5
519	do	Edward Brown	do	4
520	do	E. T. Ebersole	do	6
521	do	Fred Hawkins	do	6
522	do	H. D. McQueen	do	3 2
523	do	W.M. Mink	do	3
524	do	G. C. Mink	do	.2
25	do	P. O. Moore	do	4
26	do	WIII Patterson	do	4
27	do	M. F. Stives	do	5
$^{28}$	do	W. W. Trimble	do	5
529	do	W. L. Bennett	do	7
30	do	B. H. Dunlap	do	6
31	do	J. M. Dunseth	do	4 7 5
32	do	L. A. Hunter	do	7
33	do	C. E. Mattoon	do	5
334	do	G. F. Smalley	do	4
35	do	W. H. Rayner	do	8
336	do	R. E. Davis	do	87
337	do	B. L. Bowling	do	8
38	do	J. J. Kazar	do	
39	do	P. T. Gregory	do	1
340	do	Willis_Leriche	do	6
341	do	Vera Beyer	do	6
342	do	Marie A. Gordon	do	5
343	do	R. Pergande	do	8
344	do	R. W. Wilson	do	6
345	do	I. W. Fisk	do	10 10 8
346	do	F. G. Willson	do	10
347	do	W. S. Goodspeed	do	8
148	do	Bertha G. States	do	5
149	do	Louise Lietz	do	1 .
50	do	R. E. Davis	do	7
551	do	W. H. Rayner	ao	7 8 1 1
52	do	Wes Wilson	ao	
53	do	C. A. Brumley	ao	] , ]
54.	do	և. w. Rundles	ao	]
55	do	C. J. Knea	do	1
56	do	T. W. Dieckmann	ao	8
57	do	L. S. Baldwin	do	] 2
58	do	H. F. Gonnerman	ao	6
59	do	J. M. Lindgren	[do	3
60	do	Burt Hays	do	7
61	do	r. g. Raidwin	do	7
62	do	C. A. Brumley	do	12
63	do	н. F. Gonnerman	do	12
64	do	Amos Wright	ao	1 13
65	do	E. B. Millard	do	ļ 13
66	do]	J. D. Craig	ao	5 2 5
67	do	Chas. Gundlock	do	2
68	do	riorence A. Nyberg	ao	5
69	do	Amos Wright	do	1
70	do	wes wilson		5
71	do	U. R. Nickolls	do	5
72	do		do	8
73	do	W. W. Miller	do	5
74	do	Otis Kercher	do	5
575	do	J. F. Gauger	do	5
576	do	S. C. Taylor	do	6
577	do	Charles Palmer	do	4 3 10
-70	do	E. E. Hollman	do	3
010				

lo.	Date.	To whom.	For what.	Amour
	1913.	C. R. Newell Garm Norbury R. A. Dutcher Clarence School F. W. Tanner John Brannigan Martin Sandwell Elizabeth Muhlemann H. J. Vanderbeek I. H. Besore.  Geo. Schiff Fred Thompson. H. I. Nelson. G. M. Seeber Chas. Smith. A. R. Grindley A. Kroner A. J. Wright Len Rayburn C. Abbott Frank Knox Andrew Shields Thos. Richards C. M. Van Meter B. Jordan T. F. Jordan T. F. Jordan T. F. Jordan Geo. Herriott C. J. Gillespie C. Ross Frank Hetro J. H. Cornett WM. Leishner W. S. Hanley Frank Sheffer H. H. Krukewtt C. Luther W. A. Coonce C. R. Newell Stephen Rogers Orr M. Allyn S. W. Beyer Allen F. Moore English Brothers, Contractors Ralph Hilscher Paul Hansen E. A. White M. Hudson H. Wascher J. M. Stickrod Lou Creiger	7 1 4040	
1680	Aug. 5	C. R. Newell	Wages, July, 1913	\$ 75 25 70 60
1661	do	Garm Norbury		25
1602	do	Claranca School	do	60
1684	do	F. W. Tanner	do	46
1685	do	John Brannigan	do	46 1
1686	do	Martin Sandwell	do	11 37
1687	do	Elizabeth Muhlemann	do	11
1688	do	H. J. Vanderbeek	do	37
L689	do	I. H. Besore	Dairy products furnished depart- ment of dairy husbandry	1
1001	do	Ered Thempson		3
1605	do	H I Nalson	do	1 1 11
693	do	G. M. Saeher	do	11
694	do	Chas. Smith	-do	2
695	do	A. R. Grindley.	do	5
696	do	A. Kroner	do	4
L697	do	A. J. Wright	do	2
698	do	Len Rayburn	do	2
1699	do	U. ADDOU		2 1 4
1700	00	Androw Shiolds	do	4
700	uo	The Richards	do	3
703	do	C. M. Van Meter	.do	
704	do	B. Jordan	.do	5
705	do	T. F. Jordan	do	5
706	do	Geo. Herriott	do	3 5 1
707	do	C. J. Gillespie	do	5
708	do	C. Ross	do	1
709	do	Frank Hetro	do	3
710	do	J. H. Cornett		1 3
710	uo	W S Hanlay	do	1 2 3 4 2
712	40	Frank Sheffer	do	5
714	do	H. H. Krukewitt.	do	1 3
715	do	C. Luther	do	4
716	do	W. A. Coonce	do	2
717	do	C. R. Newell	Expenses	6
718	do	Stephen Rogers	do	113
719	do	Orr M. Allyn	do	113 20 22
720	do	S. W. Beyer	do	122
721		English Prothers Contractors	Whind novement on contract	2 100
723	do	Ralph Hilscher	Expenses	136 5,183
724	do	Paul Hansen	do	49
$7\tilde{2}\tilde{5}$	do	E. A. White	do	1 8
726	Aug. 6	M. Hudson	Dairy products furnished depart-	`
			ment of dairy husbandry	1
727	do	H. Wascher	do	7
728	do	J. M. Stickrod	do	1 7 6 3
729	ao	Lou Offiger	ao	1 3
791	ao	David Wilkin	do	4
739	do	M. Hudson.  H. Wascher J. M. Stickrod Lou Creiger S. Guinn David Wilkin C. C. Gordon E. Grove Ralph Smith O. A. McInness R. S. McInness R. S. McInness H. J. Putscher G. F. Diefenbach H. C. Kaufman J. H. Schwengel P. P. Dunn J. F. Hoy L. F. Lindsey R. A. Lunnsden W. F. Hampton H. Cherry Nicholas Hahn Z. Alsip E. R. Canady J. J. Cender F. C. Stevenson W. E. Yount F. S. Umbanhowar Mrs. S. G. Richards J. A. R. Koch M. Leigh	do	1
733	do	E. Grove	do	5
734	do	Ralph Smith	do	2
735	do	O. A. McInness	do	1 2
736	do	R. S. McInness	do	2
737	do	A. J. Putscher	do	1
738	do	G. F. Diefenbach.	do	1
739	op	I. U. Kauman	. 00	1 2 3
740	00	J. EL. BUILWELLSEI	do	2
742	uo	I F How	do	2
742	do.	L. F. Lindsev	do	1
744	do	R. A. Lumsden	_do	1 1
745	do	W. F. Hampton	do	l î
746	do	H. Cherry	do	2
747	do	Nicholas Hahn	do	3
748	do	Z. Alsip	do	1 2 3 1
749	do	E. R. Canady	do	4
1750	do	J. J. Cender	do	4
751	ao	F. O. Stevenson		2
752	uo	F S Umbanhower	ao	4 2 6 3
754	do	Mrs. S. G. Richards	do	1
755	do	J. A. B. Koch	_do	1 4 3
		3. T. 1.1	· · · · · · · · · · · · · · · · · · ·	

To.	Date.	W. E. Womacks.  W. J. Wilson. M. Cherry. T. A. McCracken. J. M. Herriott. H. G. Moorehouse. P. J. Wagner. John Rueb. J. H. Umbanhowar. Daniel Hahn. R. W. Brewer. Ed. Heppe. F. H. Busey. G. W. Miller. Pearl Hazen. C. M. Pfeister. C. A. Fogel. T. H. Richardson. W. T. Hobeson. I. W. Maxwell. Hoskins Mig. Co. E. H. Sargent & Co. American Blower Co. The Linde Air Products Co. W. W. & E. D. Hanes' Meat Market. Kelley Shoe Store. Mittendorf & Kiler. National Engraving Co. National Conference on Marketing and Farm Credits. Chicago Flexible Shaft Co. Crerar, Adams & Co. Westinghouse Electric & Mig. Co. C. C. Logan. Chas. H. Besly & Co. The Albert Dickinson Co. E. T. Benjamin. Twin City Ice & Cold Storage Co. Illinois Press Clipping Bureau. Bausch & Lomb Optical Co. A. E. Keys, Contractor Ideal Electric Co. General Electric Co. General Electric Co. The Burr Co. Western Electric Co. The Burr Co. Western Electric Co. Frager Albert Tate. P. P. Procet	For what.	Amoun
	1913.			
1757	Aug. 6	W. E. Womacks	Dairy products furnished depart-	
1758	do.	W T Wilson	do dairy nusbandry	\$ 2 2 3
1759	do	M. Cherry	do	3
1760	do	T. A. McCracken	do	3
1761	do	J. M. Herriott	do	3
1762	do	H. G. Moorehouse	do	3 3 2 4
1764 1764	ao	Iohn Rush	do	2
1765	do	J. H. Umbanhowar	do	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1766	do	Daniel Hahn	do	4
1767	do	R. W. Brewer	do	1
1768	do	Ed. Heppe	do	3 4
1709	do	C. W. Millon	do	3
1771	do	Pearl Hazen	do	5
$177\hat{2}$	do	C. M. Pfeister	do	5 5
1773	do	C. A. Fogel	do	4
1774	do	T. H. Richardson	do	3 2
1775	do	W. T. Hobeson		2
1777	ao	Hocking Mfg. Co	Supplies	. 38
1778	do	E. H. Sargent & Co.	do	46
1779	do	American Blower Co	Model	46 ·118
1780	do	The Linde Air Products Co	Oxygen	3 2 5
1781	do	W. W. & E. D. Hanes' Meat Market	Meat	2
1782	do	Mittandorf & Vilar	Sunnling	215
1784	do	National Engraving Co	Half tones	215 82
1785	do	National Conference on Marketing and	l ·	
	_	Farm Credits	Books	3
1786	do	Chicago Flexible Shaft Co	Furnace	64 5 7
1722	do.,	Westinghouse Fleetrie & Mfg Co	Rangiring	7
1789	do	C. C. Logan	Expenses	75
1790	do	Chas. H. Besly & Co.	Supplies	4
1791	do	The Albert Dickinson Co	. do	46
1792	do	E. T. Benjamin.		1 4
1704	00	Things Press Clipping Burger	Clinninge	5
1795	do	Bausch & Lomb Ontical Co.	Supplies	47
1796	do	A. E. Keys, Contractor	Payment on contract	220 10
1797	do	Ideal Electric Co	Supplies	10
1798	do	General Electric Co	do	976
1799	do	The Burr Co	Hardwara	376 52 23 826 112
1201	do	Western Electric Co.	Supplies	23
1802	do	Paul Gottschalk	Books.	826
1803	Aug. 7	Laura B. Evans	Expenses	112
1804	do	Herrick & Stoltey	Service	35
1800	do	Albert Tota	Tohor and material	93
1807	do	R. R. Root	Expenses	6
1808	do	F. A. C. Smith	Labor and material Hardware Supplies Books Expenses Service Expenses Labor and material Expenses do Lumber Exnenses	4
1809	do	S. E. Huff & Co	Lumber	13
1810	do	Mary E. Busey	Expenses	13
1811	do	University of Kansas Fowler Shops De	Pinnette helder	16
1819	A 110	John H. Dovle	Supplies	10
1813	do	The Burr Co.	Hardware.	6 3 11
1814	do	Irving-Pitt Mig. Co	Supplies	11
1815	do	The Miller Harness Co	Harness repairs	. 1
1816	do	Kenable Pumping & Heating Co	Hardware	50 63 49
1817	o	A C McClurg & Co	Books	63
1810	do	Illinois State Reformatory	Printing	j 49
1820	do	L. C. Smith & Bros. Typewriter Co	Machines	130
1821	do	Machinists Supply Co	. Supplies	130 55 17
1822	do	Crosby Steam Gage & Valve Co	. do	. 17
1828	ao	American Bankers Assa	Books	27
1894	do	Southern Illinois Penitentiary	Limestone dust	44
182	do	Thomas E. Marr & Son.	Print	3
1826	do	Holstein-Friesian Assn. of America	Registration	4
1827	do	The Burr Co Western Electric Co Paul Gottschalk Laura B. Evans Herrick & Stoltey Geo. E. Frazer Albert Tate. R. R. Root. F. A. C. Smith S. E. Huff & Co. Mary E. Busey University of Kansas Fowler Shops De partment. John H. Doyle The Burr Co Irving-Pitt Mfg. Co Trust Co. Reliable Plumbing & Heating Co J. Horace McFarland Co. A. C. McClurg & Co. Illinois State Reformatory L. C. Smith & Bros. Typewriter Co. Machinists Supply Co. Crosby Steam Gage & Valve Co. Trust Co. & Savings Bank Sections, American Bankers Assn. Southern Illinois Penitentiary Thomas E. Marr & Son Holstein-Friesian Assn. of America People's Cooperative Co. Sherwin-Williams Co. O. W. Hampton. J. E. Henderson.	Supplies	. 1
1828	do	Snerwin-Williams Co	Dairy products furnished deport	18
1828	Jao:	O. w. Hampton	ment of dairy bushendry	1 1
	ـ د ا	T F Handerson	do	1

٧o.	Date.	To whom.	For what.	Amou
	1913.			
1831	l A 0	C. Allen	Dairy products furnished department of dairy husbandry	\$ 2
832	do	John Godsell	.do	\$ 2 1 2
1833	do	Chas. Smith	do	2
.834	do	Geo. Schiff	do	2
835	do	C. J. Gillespie	do	5
.000 937	o	Gen Oshorn	do	i
838	do	Wm. Case	do	4
839	do	C. Ross	do	. 2
840	do	H. F. Ridgeley	do	
841	do	B. Jordan	do	4
842 843	do	Tohn Inglemen	do	
844	do	D. W. Shiveley	do	,
845	do	A. W. McJilton	do	8
846	Aug. 9	G. W. Pickels	Wages, July, 1913	67
847	do	Zeliaette Troy	do	58 60
848	do	Lilla M. Alexander	00	60
850	do	Alice I. Wing	do	37
.851	do	Helen Wilkinson	do	37 55 40
852	.do	Florence Grabbe	do	40
853	do	O. Alten John Godsell Chas. Smith. Geo. Schiff. C. J. Gillespie. Geo. Herriott. Geo. Osborn. Wm. Case. C. Ross. H. F. Ridgeley B. Jordan. T. F. Jordan. John Ingleman D. W. Shiveley. A. W. McJilton. G. W. Pickels. Zeliaette Troy. Lilla M. Alexander. Hazel Shaw Alice L. Wing. Helen Wilkinson. Florace Grabbe A. Bagusin. Flora Case. Bertha Sharp. A. C. McClurg & Co Illinois Press Clipping Bureau. The Boston Book Co. G. W. Sheldon & Co. J. V. Stevenson. T. P. Lyon. H. Wascher. Roy Douglas. H. C. Kaulman.	do	18 90 58
854	do	Flora Case		90
850 858	ao	A C McClurg & Co	Rook	1
857	do	Illinois Press Clipping Bureau	Clinning service	l i
858	do	The Boston Book Co	Books.	87
859	do	G. W. Sheldon & Co	Service	87 17 10
.860	do	J. V. Stevenson	Speaking.	10
861	Aug. 11	T. P. Lyon	Dairy products turnished depart-	,
86.2	do	H Wascher	do	3
863	do	Roy Douglas	do	ì
.864	do	H. C. Kaufman	do	] ]
865	do	R. S. McInness	do	]
866	do	C. C. Gordon	do	]
867 868		Lou Creiger		1 1
1869	do	Paarl Evler	do	1 3
1870	do	R. A. Lumsden	do	Ì
1871 1872	do	L. F. Lindsey	do	) 1
1872	do	M. Hudson	do	]
1873	do	J. H. Schwengel		-
1874 1875	do	G F Diefenbach	do	1
876	do	J. D. Perham	do	8
877	do	J. F. Hubbard	do	1
878	do	Frank Hetro	do	3
1879	do	H. Wascher Roy Douglas H. C. Kaufman R. S. McInness C. C. Gordon Lou Creiger E. Grove Pearl Eyler R. A. Lumsden L. F. Lindsey M. Hudson J. H. Schwengel A. J. Putscher G. F. Dielembach J. D. Perham J. F. Hubbard Frank Hetro Len Rayburn T. M. Ghere James Freeman	do	-
880 881	oo	Tomos Fromen	au	
1881 1882	do	James Fisher	.do	3
.883	do	W. D. Rohl.	do	}
1884	do	T. M. Ghere. James Freeman James Fisher W. D. Rohl. Van Carter. Frank Knox H. H. Krukewitt John Rueb J. H. Umbanhowar F. H. Busey M. Leigh W. E. Satterfield. C. A. Fogel Chas. Sadler E. P. Ott. G. L. Van Buskirk	do	
885	do	Frank Knox	do	4
1886	do	H. H. Krukewitt		3
887 888		I H Umbanhowar	do	3
.000 889	do	F. H. Busev.	.do	}
890	do	M. Leigh	do	1 8
801	do	W. E. Satterfield	do	4
892	do	C. A. Fogel	do	1
893	do	Unas. Sadler	do	
.094 205	do	G. I. Van Ruskirk	do	
.550 .896	do	C. J. Von Holten	_do	
897	do	I. W. Maxwell	do	
1898	do	J. W. Willsey	do	1 8
1899	do	Chas. Sadler E. P. Ott. E. P. Ott. G. L. Van Buskirk C. J. Von Holten I. W. Maxwell J. W. Willsey J. P. Coyle Bronson Barlow J. L. Edmonds Harrison Fahrnkopf A. F. Gustafson Ernst Hertzberg & Sons J. H. Checkley Garfield Jones N. H. Shields, Contractor	Salary, summer session, 1913	100 100
1900	do	Bronson Barlow	Balance of salary for July, 1913	100
1901	do	J. L. Edmonds	Expenses	13
1002	do	A F Gustafson	do	13
1903 1904	do	Ernst Hertzberg & Sons	Bookbinding	34 10
1905	do	J. H. Checkley	Expenses	18
1906	do	Garfield Jones	do	17
1007	'l do	N. H. Shields, Contractor	Payment on contract	4,993

Vo.	Date.	To whom.	For what.	Amour
1000	1913. Aug. 12	H. I. Nelson	Dalum and at the inhal denset	
1900	Aug. 12	H. I. IVelSull	Dairy products furnished department dairy husbandry	\$ 2 4
1909	do	A. R. Grindley Geo. Schiff E. F. Lyon Chas. Smith Ralph Smith G. M. Seeber C. J. Gillespie T. A. McCracken Wm. Leischner C. Luther	do	4
1910 1011	do	Geo. Schiii	do	3 1
1912	do	Chas. Smith	.do	2
1913	do	Ralph Smith	do	1
1914	do	G. M. Seeber	do	12 8
1916 1916	do	T. A. McCracken	do	3
1917	do	Wm. Leischner	do	ž
1918	do	C. Luther	do	6
1919 1090	do	U. Ross	do	3
1920 $1921$	do	T. F. Jordan	_do	5
1922	do	L. F. Bialeschski	do	3
1923	do	T. M. Guynn	do	4
1924 1925	αο	I C Shrock	do	4
1926	do	W. S. Hanley	. do	î
1927	do	Andrew Shields	do	4
1928	do	Wm. C. Gulick	do	3 3
1930 1929	do	T. A. McCracken Wm. Leischner C. Luther C. Ross. B. Jordan T. F. Jordan L. F. Bialeschski T. M. Guynn W. E. Heyer J. C. Shrock W. S. Hanley Andrew Shields Wm. C. Gulick Wm. C. Gulick Wm. L. Davis G. W. Miller W. T. Hobeson E. A. White N. Hay K. Schneider English Brothers, Contractors L. D. Coffman Harry F. Ferguson	do	3
1931	do	W. T. Hobeson.	do	3
1932	do	E. A. White	Expenses	6
1034 1034	do	N. Hay K. Schneider	do	3
1935	do	English Brothers, Contractors	Payment on contract	5, 100
1936	do	L. D. Coffman	Expenses	11
1937	do	English Brothers, Contractors. L. D. Coffman Harry F. Ferguson A. F. Gustafson Harrison Fahrnkopf O. M. McGhee A. F. Heek H. J. Snider R. W. Dickenson F. W. Gault A. E. Morris Morava Construction Co W. H. Smith H. C. Kaufman	do	35
1030 1938	do	A. F. Gustaison	do	34 32
1940	do	O. M. McGhee	_do	18
1941	do	A. F. Heck	do	16 19
1942	do	H. J. Snider	do	19 36
1943 1944	do	F. W. Gault	do	97
1945	do	A. E. Morris	Field expenses	97 103 660
1946	do	Morava Construction Co	Payment on contract	660
1947	do	W. H. Smith	Expenses.	8
1940	Aug. 13	in. c. Kauman	ment dairy husbandry	2
1949	do	J. F. Hoy	do	1 1 1 1
1950	do	J. E. Henderson	do	1
1951 1952	do	Roy Douglas	do	i
1953	do	J. H. Schwengel	do	3
1954	do	S. Guinn	do	2
1955 1955	do	E. J. Percival	do	3 2 1 1 3 2
1957		Lou Creiger	do	3
1958	do	W. F. Hampton	do	2
1959	do	R. A. Lumsden	do	1 1
1960 1961	ao	R S McInness		
1962	do	David Wilkin	.do	1
1963	do	M. Hudson	do	1
1964	do	O. A. McInness	do	1
1965 1965	ao	G F Diefenbach	do	1
1967	do	L. F. Lindsey	.do	1
1968	do	John Ingleman	do	4
1969	do	F. C. Stevenson	do	2
1970 1971	ao	W. J. Wilson	do	3
1972	do	D. W. Shiveley.	do	5
1973	do	Nicholas Hahn	do	6 5
1974	do	W. F. Women's	do	5
1978 1978	do	Ed. Huckins	_do	1 1
1977	do	John Rueb	do	2
1978	do	Pearl Hazen	do	3 5
1979	do	J. A. K. Koch David Hahn	do	4
1981	do	J. H. Umbanhowar.	.do	4
1982	do	W. H. Smitm H. C. Kaufman J. F. Hoy. J. E. Henderson Fred Thompson Roy Douglas J. H. Schwengel S. Guinn E. J. Percival E. Grove. Lou Creiger W. F. Hampton R. A. Lumsden C. C. Gordon R. S. McInness David Wilkin M. Hudson O. A. McInness P. P. Dunn G. F. Diefenbach L. F. Lindsey. John Ingleman F. C. Stevenson J. P. Yeazel W. J. Wilson D. W. Shiveley Nicholas Hahn G. H. Spencer W. E. Womacks Ed. Huckins John Rueb Pearl Hazen J. A. R. Koch David Hahn J. H. Umbanhowar M. Cherry W. E. Yount E. R. Canady.	do	4 2 5 5
1983	do	W. E. Yount	do	5
		1 P. B. 13000 .	100	ı b

# ${\tt GENERAL~UNIVERSITY} | {\tt VOUCHERS--Continued}.$

No.	Date.	To whom.	For what.	Amount
	1913.	S. T. Carter  Wm. Case. F. H. Busey. C. M. VanMeter C. A. Fogel. P. J. Wagner Len Rayburn J. M. Herriott Geo. Herriott H. F. Ridgeley C. E. Smoot. G. O. McMorris A. W. McJilton J. A. Daeger C. W. Pfiester T. H. Richardson Pantagraph Printing & Stationery Co. E. M. Moll Twin City Ice & Cold Storage Co. O. E. Staples, Bursar O. E. Staples, Bursar The Burr Co. Peck & Hills The Taylor Hardware Co Alberene Stone Co. Merck & Co. Central Electric Co. General Electric Co. Williams Bros. Shaw-Walker Co. Illinois State Reformatory J. B. Lyon Co. Vaughan's Seed Store F. K. Robeson Champaign Seed Co. American Multigraph Sales Co The J. H. Day Co. University Club of Champaign & Urbana Dryer & Burt Max A. Montgomery C., C., C. & St. L. Ry. Co. Ideal Electric Co. J. W. Butler Paper Co. Champaign Steam Laundry D. H. Lloyde The Burr Co John Harp Twin City Creamery Co. Percy Ash G. Young, J. Chas. B. Sayre S. V. Holt F. A. Fisher H. C. Gilkerson F. W. Wascher J. H. Waganeck F. K. Robeson H. Wascher C. Allen J. M. Stickrod Geo. Schiff		
1985	Aug. 13	S. T. Carter	Dairy products furnished depart-	\$ 38
1986	do	Wm. Case	do	\$ 3242365506355 62362362335
1987	do	F. H. Busey	do:	4 1
1989	do	C. A. Fogel	do	3 3
1990	do	P. J. Wagner	do	6 1
1991	do	I. M. Herriott	do	3 9
1993	do	Geo. Herriott	do	6 8
1994	jdo	H. F. Ridgeley	do	25
1996	do	G. O. McMorris	.do	26
1997	do	A. W. McJilton	do	3 3
1998	ao	J. A. Daeger	do	6 6
2000	do	T. H. Richardson	.do	130
2001	do	Pantagraph Printing & Stationery Co	Printing	130
2002	do	Twin City Ice & Cold Storage Co	Top	10
2004	do	O. E. Staples, Bursar	Sundry bills paid	334
2005	do	O. E. Staples, Bursar	Rebates	84
2005 2007	do	Peck & Hills	Furniture	33 218
2008	do	The Taylor Hardware Co	Hardware	28 11
2009	do	Alberene Stone Co	Stone top	11 16
$\frac{2010}{2011}$	do	Central Electric Co	do	12
2012	do	General Electric Co	do	12 87 6 101
2013	do	Williams Bros	do	101
$\frac{2014}{2015}$	do	Illinois State Reformatory	Printing	117
2016	do	J. B. Lyon Co	Subscription	3 6 15
2017	do	Vaughan's Seed Store	Seeds	6
2019	do	Champaign Seed Co.	Supplies	22
2020	do	American Multigraph Sales Co	Ribbons	22
$\frac{2021}{20}$	do	The J. H. Day Co	Room and meals	80 6
2023	do	Dryer & Burt	Corn	249
2024	do	Max A. Montgomery	First payment, Plym fellowship	400
2025 2026	Aug. 14	Ideal Electric Co	Supplies	20
2027	do	J. W. Butler Paper Co	Paper	52
2028	do	Champaign Steam Laundry	Washing	7 5 2 33
2029 2030	do	The Burr Co	do	0
2031	do	John Harp	Labor	33
2032	do	Twin City Creamery Co	Butter	25 52
2033 2034	do	G. Young, Jr.	do	66
2035	do	Chas. B. Sayre	do	66 4 58
2036	do	S. V. Holt	do	58
2037 2038	do	H. C. Gilkerson	.do	31 49
2039	do	F. W. Wascher	do	52
2040	do	J. H. Waganeck	. do . do Harrow. Bags. Dairy products furnished depart- ment dairy husbandry.	90
$2041 \\ 2042$	Aug. 15	H. Wascher	Dairy products furnished depart-	00
		g 477	ment dairy husbandry	9
2043 2044	do	C. Allen	do	1
2045	do	Geo. Schiff	.do	3
2046	do	I. H. Besore	do	1
2047 2048	ao	IUnas. SmithII. D. Pittman	do	1 2
2049	do	C. J. Gillespie	do	3
2050	do	J. M. Stiekrod. Geo. Schiff J. H. Besore. Chas. Smith J. D. Pittman. C. J. Gillespie. Grant Freeman. John Englehardt. T. F. Jordan. C. Ross. R. Jordan.	do	2
⊿∪51 2052	do	T. F. Jordan	_do	5 3 1 2 1 3 2 11 3 1 3 4
2053	do	C. Ross	do	1
2054	do	R. Jordan	do	3
2056 2056	do	Chas, Sadler	.do	1 1
2057	do	C. Ross R. Jordan A. Kroner Chas. Sadler Frank Knox J. W. Willsey Chas. L. Parsons, Secretary G. W. Sheldon & Co General Electric Co	do	4
2058	do	Chas I. Parsons Sacretary	Reprints	3
2060	do	G. W. Sheldon & Co.	Service	3 8 16
0001	1 40	General Electric Co.	Supplies	269

0.	Date.	To whom.	For what.	Amou
	1913.	Shaw-Walker Co. Alexander Lumber Co. The Ashcroft Mfg. Co. D. R. Lee. Geo. M. Clark & Co. The Boston Book Co. Martinus Nijhoff. Ernst Hertzberg & Sons. B. A. Strauch. Sheldon Brick Co. Chicago Paper Co. The American Multigraph Sales Co. The Taylor Hardware Co. U. & C. Railway, Gas & Electric Co. Mittendorf & Kiler. A. C. McClurg & Co. Western Electric Co. C. W. Hunt Co., Inc. The Burr Co. Stipes & Hecker. The Fritz Mfg. Co. F. M. Leslie. M. S. Sanchez. G. E. Stechert & Co. Harris-Dillavou & Co. Alexander Lumber Co. Young & Sons. W. & L. E. Gurley. Bausch & Lomb Optical Co. W. Lewis & Co. H. H. Stock. French Battery & Carbon Co. R. W. Batthwaite, V. S. The Burr Co. Clearing House Section, American Bankers Assn. George Strode. Chicago Stode. Ch. L. Berger & Sons. B. A. Strauch. James G. Biddle. W. H. Webb John McCullough.		
2062	Aug. 15	Shaw-Walker Co	Supplies	\$ 31
2063	do	Alexander Lumber Co	Lumber	3 16
2064	do	The Ashcroft Mig. Co	Lumber Indicator Straw	16
6000	do	Co. M. Clark & Co.	Stoves	80 48
2067	do	The Roston Rook Co	Books.	18
2068	do	Martinus Niihoff	do	48 37 2 6
2069	- do	Ernst Hertzberg & Sons	do. Book binding	2
2070	do	B. A. Strauch	Book Bliding. Prints. Bricks. Envelopes. Ink. Rope. Fan. Merchandise.	6
2071	do	Sheldon Brick Co	Bricks	l 8
2072	do	Chicago Paper Co	Envelopes	55
2073	do	The American Multigraph Sales Co	Ink	55 1 7
2074	do	The Taylor Hardware Co	Rope	7
2075	do	U. & C. Railway, Gas & Electric Co	Manahandiaa	13 20
2070		A C MaClure & Co	Books	20
2072	do	Wastern Flootrie Co	Supplies	4 5
2079		C W Hunt Co Inc	Valva	18
080	do	The Burr Co	Hardware	1 2
2081	do	Stipes & Hecker	Supplies	18 2 3
2082	do	The Fritz Mfg. Co	Furniture	3 130 16 20 62
2083	do	F. M. Leslie	Frames	16
2084	do	M. S. Sanchez	Books. Supplies. Valve Hardware Supplies. Furniture. Frames. Books.	20
2085	do	G. E. Stechert & Co	do	62
2086	do	Harris-Dillavou & Co	Cement and sand Lath Repairs	. 1
2087	do	Alexander Lumber Co	Lath	. ]
880	ao	U & I E Curley	Repairs	31
2009		Payach & Lamb Ontical Co	Repairing, etc	41
รบยบ วกดา		W Lowis & Co	Chades	09
5005	do	H H Stook	Evnances	34 2 152
2093	do	French Battery & Carbon Co	Expenses Batteries Suppliesdo	21
2094	do	R. W. Braithwaite, V. S.	Supplies	1 5
2095	do	The Burr Co	do	5
2096	do	Clearing House Section, American Bank-		
	_	ers Assn	Book Awnings	5 9 32
2097	do	George Strode	Awnings	9
2098	do	Chicago Steel Tape Co	Repairs	127
100	ao	D A Strongh	Dhotographa	12/
2101	do	Tomas G. Riddla	Induction coil	1 163
102	Aug. 16	W. H. Webb	Repairs	
	_		ment dairy husbandry	1
3103	do	John McCullough	do	15
1104	do	G. C. Gordon.  Cora Stacker R. W. Graham E. Grove	dodo	5
100		D W Grohom	do	0
107	uo	E Grove	do	. 4
107	do	Lon Craiger	do	5
2109	do	G. M. Seeher	do	1 7
110	do	Ralph Smith	do	15 5 3 2 2 7
2111	do	J. H. Schwengel	do	2
112	do	A. J. Putscher	do	1
2113	do	L. F. Lindsey	do	1
114	do	T. P. Lyon.	do	1
115	do	David Wilkin	do	1 3 1 1 2 3
117	op	Mart Watterson	00	۽ ا
110	uo	G F Diefenhach	do	4
110	do	W H Frama	do	1 3
120	do	H. C. Kaufman	-do	1
121	do	E. R. Canady	_do	Į ĝ
122	do	G. L. VanBuskirk	do	2
123	do	Van Carter	do	3
124	do	W. J. Wilson	do	1
125	do	H. J. Moorehouse	do	1 2 3
126	do	A. J. Krukewitt	do	3
127	do	H. H. Krukewitt	ao	4
128	do	M. Leigh	00	7
120	0	Tomog Fromen	00	3
131	uo	James Freeman	do	3 2 3 3
130	uo	Ed Hanna	do	2
133	do	Mrs. S. G. Richards	do	
134	do.	H. F. Ridgelev	do	5
135	do	W. E. Womacks	do	5
136	do	R. W. Graham E. Grove. Lou Creiger G. M. Seeber Ralph Smith. J. H. Schwengel. A. J. Putscher L. F. Lindsey. T. P. Lyon. David Wilkin. Mart Watterson. C. C. Gordon G. F. Diefenbach. W. H. Frame H. C. Kaufman E. R. Canady. G. L. VanBuskirk Van Carter W. J. Wilson H. J. Moorehouse A. J. Krukewitt. H. H. Krukewitt. H. H. Krukewitt. H. H. Krukewitt. M. Leigh. W. D. Rohl James Freeman John Rueb. Ed Heppe. Mrs. S. G. Richards H. F. Ridgeley W. F. Womacks. Zillah Whitehead T. M. Ghere. Geo. Herriott	.do	2 2 2 2
	do	T M Chara	_do	4
21371				$\hat{4}$

To.	Date.	To whom.	For what.	Amou
	1913.	Geo. Osborn.  E. P. Ott. Frank Hetro. R. W. Brewer. F. H. Busey. James Fisher. C. Luther. C. A. Fogel. S. Atchison Earl Myler. I. W. Maxwell John Harp, Contractor. Williams Bross, Contractors. C. E. Durst. J. S. Bole. A. R. Grindley.		
2139	Aug. 16	Geo. Osborn	Dairy products furnished depart-	ہ ا
9140	do	F P Ott	ment dairy nusbandry	\$ 5 3 4 2 2 3 5
2140	do	Frank Hetro	do	4
2142	do	R. W. Brewer.	do	$\hat{2}$
2143	do	F. H. Busey	do	$\bar{2}$
2144	do	James Fisher	do	3
2145	do	C. Luther	00	5 2
2140 9147	do	S. Atchison	do	1
2148	do	Earl Myler	1d0	l 3
2149	do	I. W. Maxwell	do	3
2150	do	John Harp, Contractor	Grading	300
2151	Aug. 18	Williams Bros., Contractors	Painting Commerce Building	1, 149 37 37
2152	do	C. E. Durst	Lecturing and teaching	37
2100	Δ11σ 19	A R Grindley	Dairy products furnished department dairy husbandry	01
2109	Aug. 10	A. D. Cimaley	ment dairy husbandry	4
2155			.do	5 2
2156	do	Chas. Smith	do	2
2157	do	Geo. Schiff	do	3 3 3 2 1 2 3
2158	ao	M. G. Gulielz	uo	1
2160	do	C Ross	do	9
2161	do	Chas. Smith. Geo. Schiff. A. G. Guard. Wm. C. Gulick. C. Ross. B. Jordan D. W. Shiveley. Geo. Herriott. J. M. Herriott.	do	3
2162	do	D. W. Shiveley	do	š
2163	do	D. W. ShiVoley Geo. Herriott J. M. Herriott W. S. Hanley W. A. Coonce Andrew Shields T. F. Jordan J. J. Cender T. A. McCracken W. E. Heyer G. W. Miller J. W. Willsey W. T. Hobeson Robert Ridgway John H. Doyle John H. Doyle Peck & Hills Furniture Co Chicago Paper Co R. W. Braithwaite, V. S F. M. Leslie Walker & Mulliken B. A. Strauch	do	3
2164	do	J. M. Herriott	do	2
2165	do	W. S. Hanley		l i
2100 9167	do	Andrew Shields	do	3
2168	do	T. F. Jordan	do	4
2169	do	J. J. Cender	do	$\frac{1}{4}$
2170	do	T. A. McCracken	do	3
2171	do	W. E. Heyer	do	1
2172	do	G. W. Miller	do	$\begin{vmatrix} 4\\3 \end{vmatrix}$
2173 9174	do	J. W. Willsey	do	3
2175	do	Robert Ridowsy	Book	8
2176	do:	John H. Dovle	Hardware	l š
2177	do	John H. Doyle.	do	1 227
2178	do	Peck & Hills Furniture Co	Furniture	227
2179	do	Chicago Paper Co	Envelopes	97
9191 9191	do	E M Loglio	Froming	17
2182	do	Walker & Mulliken	Furniture	17 312
2183	do	B. A. Strauch	Framing. Furniture. Developing. Apparatus. Lumber. Printing. Expenses.	1
2184	do	Central Electric Co	Apparatus	1 2
2185	do	Alexander Lumber Co	Lumber	17 67 25
$\frac{2186}{2107}$	do	Illinois State Reformatory	Printing	67
2187 0100	do	P. A. Pearson	Expenses	25
2189	do	C A Campbell	dodo	1 10
2190	do	Walker & Mulliken B. A. Strauch Central Electric Co. Alexander Lumber Co. Illinois State Reformatory F. A. Pearson R. S. Hulce. C. A. Campbell A. F. Heck Ralph Smith	. do . do Dairy products furnished depart- ment dairy husbandry . do . do . do	16
2191	Aug. 21	Ralph Smith	Dairy products furnished depart-	1
4.00			ment dairy husbandry	1
$\frac{2192}{2193}$	do	C. C. Gordon. H. I. Nelson. H. C. Kaufman.		2
	ao	H C Kaufman	do	
2195	do	H. C. Kaufman S. Guinn R. S. McInness J. E. Henderson G. F. Diefenbach L. F. Lindsey R. A. Lumsden J. F. Hoy J. H. Schwengel E. F. Lyon Lou Creiger David Wilkin E. Grove	do	1 1
2196	do	R. S. McInness.	do	8
2197	do	J. E. Henderson	do	] 1
2198	do	G. F. Diefenbach	do	]
7199	ao	L. F. Lindsey	ao	1 1
∕ 100 2101	do	II F Hov	do	i i
2202	do	J. H. Schwengel	do	9
2203	do	E. F. Lyon	do	Ì
2204	do	Lou Creiger	do	. 8
2205	do	David Wilkin	do	1
2206	do	E. Grove. P. P. Dunn. M. Hudson.		1 . 3
$\frac{2207}{2208}$	do	Г. г. Dulli	do	
2209	do	M. Cherry	do	
2210	do	E. R. Canady	do	1 2
$\frac{2210}{2211}$	do	Wm. Case	do	3
2212	do	M. Hudson. M. Cherry E. R. Canady Wm. Case. F. C. Stevenson. W. L. Davis. John Rueb	do	2
2213	do	W. L. Davis	do	1 4
2214	do	lionn Rued	ao	1 2

Vo.	Date.	To whom.	For what.	Amour
-	1913.	Geo. Osborn.  P. J. Wagner David Hahn Z. Alsip. F. W. Howell J. H. Umbanhowar H. Cherry G. H. Spencer C. A. Fogel. Frank Knox W. E. Yount J. A. R. Koch Nicholas Hahn W. C. Womacks W. J. Wilson F. H. Busey Pearl Hazen C. J. Gillespie. W. W. Herriott C. Luther C. M. Pfeister T. H. Richardson C. J. VonHolten L. W. Maxwell O. E. Staples, Bursar Mart Watterson H. Wascher		
2215	Aug. 21	Geo. Osborn	Dairy products furnished depart-	<b>\$</b> 5
2216	do	P. J. Wagner	do	5
2217	do	David Hahn	do	5 3
2218	do	Z. Alsip	do	1 1 4 1 3 3 5 6 4 5 1 2 3
2219	do	F. W. Howell	do	1
2220 9991	ao	J. H. Umbanhowar	do	4
$\frac{2221}{2222}$	40	G H Spancar	do	3
2223	do	C. A. Fogel	do	l š
2224	do	Frank Knox	do	5
2225	do	W. E. Yount	do	€
2220 2227	do	J. A. R. Koch	do	1 4
2228 2228	do	W C Women's	do	1
$\frac{2220}{2229}$	do	W I Wilson	do	5
2230	do	F. H. Busev	_do	l â
2231	do	Pearl Hazen	do	4
2232	do	C. J. Gillespie	do	6
2233 2234	do	W. W. Herriott	do	1 2
2235	do	C. M. Pfaistar	do	6
2236	do	T. H. Richardson	_do	3
2237	do	C. H. Demlow	do	2
2238	do	C. J. VonHolten	do	476 476
2239	do	I. W. Maxwell	do	1
2240 2241	Ang 99	O. E. Staples, Bursar	Deiry products furnished deport	4/0
<i>22</i> 11	Aug. 22	w. г. нашрющ	ment dairy husbandry	1 1
2242	do	Mart Watterson	do	ī
2243	do	H. Wascher	do	31 33 22 43 11 44 33 24 44 33 24 44 33 24 44 33 24 44 33 24 44 33 24 44 34 34 44 34 34 44 34 34 44 34 34 34
2244	do	C. Allen	do	1
2240 9946	do	Geo. Schiff	do	3
2240 2247	do	Tohn Godeell	do	5
2248	do	J. Englehardt	- do	1 2
2249	do	S. G. Richards	do	j
2250	do	C. J. Gillespie	do	2
2251	do	J. D. Perham	do	4
2253	do	Len Kayburn	do	9
2254	do	J. C. Shrock	-do	1 4
<b>225</b> 5	do	C. A. Foster	do	8
2256	do	T. M. Gvynn.	do	a
2257	do	L. F. Bialeschski	do	
2200 2250	do	W.E. Satterneid	00	1
$\frac{2260}{2260}$	do	T. T. Wahh	do	ءُ ا
2261	do	J. S. Reimund	_do	200
2262	do	B. Jordan	do	8
2263	do	T. J. Burrill	Services rendered University of	0.50
2264	do	Mittendorf & Kiler	Firtures	250
2265	do	O. E. Staples, Bursar W. F. Hampton.  Mart Watterson. H. Wascher C. Allen Geo. Schiff. Chas. Smith. John Godsell J. Englehardt. S. G. Richards C. J. Gillespie J. D. Perham Len Rayburn J. D. Pittman J. C. Shrock C. A. Foster T. M. Gvynn L. F. Bialeschski W. E. Satterfield T. F. Jordan J. S. Reimund B. Jordan J. S. Reimund B. Jordan T. J. Burrill Mittendorf & Kiler E. W. Sampson.	Fixtures. General supplies	و ا
2266	do	Mittendorf & Kiler E. W. Sampson. J. C. Thomas. The BurrlCo. Bacon Brothers. American Jersey Cattle Club. R. W. Braithwaite F. K. Robeson M. S. Yoder John H. Doyle Wade H. Brown Otto Harrassowitz Luzaz & Co. Dultz & Co.	General suppliesdo	) }
2267	do	The Burr Co	Laboratory apparatus	250 82 3 1
2268	do	Bacon Brothers	Building materials	11
⊿⊿09 9970	00	American Jersey Cattle Club	Gonoral supplies	2
2271	do	F. K. Roheson	do	1 00
2272	do	M. S. Yoder	Corn mulcher	11 8 60 4 9 11 194
2273	do	John H. Doyle	Building materials	1
2274	do	Wade H. Brown	Traveling expenses	1,5
2275	do	Otto Harrassowitz	BOOKS	194
2276 2277	do	Dultz & Co	do	10
2278	do	Ermanno Loescher & Co	.do.	137
2279	do	Bjork & Borjesson.	do do do	19 137 111
2280	do	Dultz & Co Ermanno Loescher & Co. Brins Borjesson Henry Lotheran & Co. Joseph Baer & Co. A. J. Putscher	doBook and bookbinding	1 76
2281 2282	do	Joseph Baer & Co	Book and bookbinding	26
4282	Aug. 25	A. J. Putscher	Dairy products furnished depart- ment dairy husbandrydo.	1
2283	do	J. M. Stickrod. G. F. Diefenbach. O. A. McInness. O. W. Hampton. T. P. Lyon. L. F. Lindsey. Lou Creiger.	.do.	á
2284	do	G. F. Diefenbach	do	Ĭ
2285	do	O. A. McInness	do	1 3 1 1
2286	do	O. W. Hampton	do	1
2287	ao	T. F. Lyon	do	1 1
		24. 2. 24HUOCY	. · · · · · · · · · · · · · · · · · ·	2

To.	Date.	To whom.	For what.	Amou
2000	1913.	E Crosso	Dolum mandarota familia de de de de	
2290	Aug. 25	E. Grove.  Earl Myler. H. C. Kaufman C. C. Gordon J. H. Schwengel. G. M. Seeber C. Luther. T. M. Ghere. T. M. Ghere. T. M. Ghere. T. H. H. Krukewitt. W. D. Rohl L. G. Van Buskirk Frank Hetro. E. R. Canady James Fisher Ed. Heppe. John Rueb M. Leigh S. T. Carter J. M. Herriott. J. H. Umbanhowar R. H. Brewer J. A. R. Koch W. E. Womacks James Freeman W. E. Womacks James Freeman W. E. Heyer E. P. Ott. W. W. Herriott D. W. Shiveley Pearl Hazen C. A. Fogel Wm. C. Gulick Ed. Beyer. Western Union Telegraph Co. Joseph Baer & Co. Christof Muller Oswald Weigel Auguste Pieard J. L. Edmonds Ralph Hilscher C. R. Nowell C. I. Welch Concrete Contractor	ment of dairy husbandry	\$ 2 2 2 1
2291	do	Earl Myler	do	2
2292	do	H. C. Kaufman	\do	2
2293		U. C. Gordon	do	1
2294	do	J. H. Schwengel	do	2
2296	do	C. Luther	do	4
2297	do.	T. M. Ghere	do	3
2298	do	F. H. Busev	_do	3
2299	do	H. H. Krukewitt.	do	3
2300	do	W. D. Rohl	do	4
2301	do	L. G. Van Buskirk	do	2
2302	do	Frank Hetro	do	4
303	do	E. R. Canady	do	3
2304	do	James Fisher	do	3
2300	do	Lohn Dush	do:	3
2000	do	M Laigh	do	6
308	do	S T Carter	do	6
2309	do	J. M. Herriott	do	2
310	do	J. H. Umbanhowar.	do	4
311	do	R. H. Brewer	do	3
312	do	J. A. R. Koch	do	3
313	do	W. E. Womacks	do	1 2
314	do	James Freeman	do	2
315	do	W. E. Heyer	00	3 3 5 3 2 3 3 3
310	do	E. P. Utt	do	3
210	do	D W Shiveley	do	5
310	do	Pearl Hazen	do	3
320	do	C. A. Fogel	-do	2
321	do	Wm. C. Gulick	do	3
322	do	Ed. Beyer.	Books	33
323	do	Western Union Telegraph Co	Messages	9 583
324	do	Joseph Baer & Co	Books	583
325	do	Christof Muller	Cabinet	90
326	do	Oswald Weigel	Books	363
327	go	Auguste Picara	(Duoyaling own angag	25 40
228		Dolph Wilcohor	do do	34
2330	do	C R Newell	. do	20
2331	do	C. J. Welch Concrete Contractor	Walks	20 160 20
332	do	The Letter Shop	Clerical assistant	20
333	do	Federal Sign System (Electric)	Fixtures	68
334	do	J. L. Edmonds Ralph Hilscher C. R. Newell C. J. Welch Concrete Contractor The Letter Shop Federal Sign System (Electric) Cunningham Brothers Strauch Kodak Finishing Shop A. N. Talbot Garm Norbury Postal Telegraph Cable Co Western Union Telegraph Co Chas. Smith	Fixtures. General suppliesdo. Traveling expenses.	42
335	do	Strauch Kodak Finishing Shop	do	1
336	do	A. N. Talbot	Traveling expenses	32
337	do	Garm Norbury	do	19
338	do	Postal Telegraph Cable Co	Services	3 19
339	ao	Western Union Telegraph Co	Dainer nuadarata francish ad damant	19
340	Aug. 20	Chas. Shirth	mont doiry bushondry	2
241	do.	Ralph Smith	do	í
349	do	Garm Norbury Postal Telegraph Cable Co. Western Union Telegraph Co. Chas. Smith.  Ralph Smith I. H. Besore, Geo. Schiff. Chas. Sadler. Frank Knox S. G. Richards. C. J. Gillesnie. A. W. McJilton B. Jordan John Ingleman T. A. McCracken C. Luther A. Kroner. G. W. Miller Andrew Shields. W. S. Hanley T. F. Jordan C. Ross. W. T. Hobeson J. W. Willsey C., C., C. & St. L. Ty. Co. Wabash R. R., Urbana Illinois Traction System Illinois Traction System Illinios Gentral R. R. Co. C., C., C. & St. L. Ry, Co. O. E. Staples, Bursar.	do	ĺ
343	do	Geo. Schiff	do	4
344	do	Chas. Sadler	do	1
345	do	Frank Knox	do	3
346	do	S. G. Richards	do	3
347	do	C. J. Gillespie	do	3
348	do	A. W. McJilton	do	3
349	do	D. JOIGAN	ao	4
350	00	T A McCrackan	do	7
950	o	C. Lather	do	4
353	40	A. Kroner	-do	4
354	do	G. W. Miller	do	3
355	do	Andrew Shields	do	5
356	do	W. S. Hanley	do	5
357	do	T. F. Jordan	do	4 2
2358	do	C. Ross.	do	2
2359	do	W. T. Hobeson	00	2
2360	do	J. W. WILISEY	Paright	3
ივგი		Wohesh P. P. Urbana	Treight	2 3 11 5
4302 9929	ao	Tilinois Traction System	do	1
2364 2000	do	Illinois Central R. R. Co	do	19
2365	do	C., C., C. & St. L. Bv. Co.	do	. 1
		10.7 TO 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	D	51

<sup>\*</sup> Cancelled.

0.	Date.	To whom.	For what.	Amou
	1913.	O. E. Staples, Bursar. O. E. Staples, Bursar. Remington Typewriter Co. J. H. Carter Orr Allyn C. F. C. Riley H. F. Moore W. A. Slater Ralph Hilscher H. I. Nelson A. R. Grindley M. Hudson		
2367	Aug. 26	O. E. Staples, Bursar	Sundry bills	<b>8</b> 3
2368	do	O. E. Staples, Bursar	General labor	\$ 3 16 252
2369	do	Remington Typewriter Co.	Machine	252
2370	.do	J. H. Carter	Expenses	120
2371	do	Orr Allyn	do	29 78 36 89 25
2372	do	C F C Riley	do	7
2272	do	H F Moore	do	36
271	do	W A Cloton	do	000
1075		Dolph Tilgeben	u0	0
10 1 0 1070	uo	Kaiph Huscher	Daims and during forming at descent	20
5310	Aug. 21	n. 1. Neison	Dairy products turnished depart-	
1077		A D G C N .	ment dairy nusbandry	! !
377	ao	A. R. Gringley	ao	1
3/8	ao	M. Hudson	ao	1
379	ao	C. M. Pieister	qo	1 1
380	do	G. F. Dielenbach	do	
381	do	L. F. Lindsey	do	1 2
2382	do	David Wilkin	do	1 :
2383	do	J. E. Henderson	do	1
2384	do	J. F. Hov.	do	
2385	ob	Lon Creiger	do	1
386	do	E. Grove	ldo	
387	do	A. R. Grindley M. Hudson C. M. Pfeister G. F. Dielenbach L. F. Lindsey David Wilkin J. E. Henderson J. F. Hoy Lou Creiger E. Grove J. H. Schwengel H. C. Kaufman R. A. Lumsden	do	1
388	do	H C Kaufman	do	
320	do	R A Lamedon	do	1 3
200	do	J. H. Schwengel. H. C. Kaufman R. A. Lumsden. W. F. Hampton P. P. Dunn O. W. Hampton G. M. Seeber C. C. Gordon R. S. McInness H. Wascher W. L. Davis	do	
,,,,,,,, 1201		Р Р Типп	do	( :
あしい いっちて	uo	O. W. Hompton	do	:
392	qo	O. w. Hampton		
393	do	G. M. Seeper	do	1
394	do	C. C. Gordon	do	
395	do	R. S. McInness	do	1 :
396	do	H. Wascher	do	(
397	do	[W. L. Davis	do	
398	do	F. C. Stevenson	do	1 3
399	do	Robt. Childers	do	( :
400	do	Wm. Case.	do	1
401	do	G. H. Spencer	.do	
402	do	W E Womacks	do	
402	do	R. S. Mctimess H. Wascher W. L. Davis F. C. Stevenson Robt. Childers Wm. Case G. H. Spencer W. E. Womacks Van Carter W. E. Satterfield W. J. Wilson J. F. Hubbard C. E. Smoot Pearl Hazen C. A. Fogel Geo. Osborne Wm. Leischner F. S. Umbanhowar J. M. Herriott E. R. Canady	do	
404		TXT TA Clatter Cald	30	
1405	qo	W. E. Sauerneid	d0	
<b>34</b> 00	do	VV. J. VV IISON	do	1 3
400	ao	J. F. Hubbard	ao	
407	do	C. E. Smoot	do	1
408	do	Pearl Hazen	do	
409	do	C. A. Fogel	do	}
410	do	Geo. Osborne	do	
2411	do	Wm. Leischner	do	) :
412	do	F. S. Umbanhowar	do	1 :
413	do	J. M. Herriott	do	1 :
414	do	E. R. Canady	do	
415	do	W. E. Yount	do	1
416	do	P. J. Wagner	do	1 6
417	do	John Rueb	do	1 .
410	do	Nicholas Hahn	do	} ;
410	40	F. S. Umbanhowar J. M. Herriott E. R. Canady W. E. R. Canady W. E. Yount P. J. Wagner John Rueb Nicholas Hahn David Hahn F. H. Busey J. J. Cender J. H. Richardson L. W. Maxwell C. J. Von Holten Ed. Huckins C. C., C. & St. L. Ry, Co., Urbana. Wabash R. R., Urbana Garm Norbury Paul Hansen V. R. Fleming C. R. Newell H. P. Corson Chas. C. Smith National Engraving Co. Vaughan's Seed Store W. F. Hardy The Chas. A. Hall Hardware Co. The Elliott Co. W. A. Morschhauser G. C. Willis The Burr Co. Alexander Lumber Co. The Letter Shop. Central Electric Co.	do	!
MOU	uo	T H Dugov	do	
420	qo	T. T. Condon		
421	ao	J. J. Oender	uo	
422	do	J. H. Kichardson	ao	1 -
423	do	I. W. Maxwell	ao	1
424	do	C. J. Von Holten	do	
425	do	Ed. Huckins	do	1
426	do	C., C., C. & St. L. Ry. Co., Urbana	Freight	1:
2427	do	Wabash R. R., Urbana	do	2
428	Aug. 29	Garm Norbury	Expenses	2
429	do	Paul Hansen	do	5
430	do	V. R. Fleming	do	4
431	do	C R Nawell	do	1 0
720	do	H P Coreon	do	1 2
,±0∆	do	Chas C Smith	Gimala	3
1400		Mational Engagement C	Diguals	1 3
434	ao	National Engraving Co	Etcnings	2'
435	Jdo	vaugnan's Seed Store	Seed	
436	do	W. F. Hardy	W neel	1
2437	do	The Chas. A. Hall Hardware Co	Hardware	1 :
2438	do	The Elliott Co	Blanks	30
2439	do	W. A. Morschhauser	Machine	31
2440	. do	G. C. Willis	Cotton	2
2441	do	The Burr Co	Sunnlies	9
7440	do	Alayandar Tumbar Co	Lumber	20
0//0	uo	The Letter Chen	Convice	50 2:
0440		Control Floring Co.	Germalian	2
		Central Barrero CO	топроиех	

0.	Date.	To whom.	For what.	Amount
	1913.			
2445	Aug. 29	D. H. Lloyde A. E. Keys, Contractor Orr Allyn W. C. Coffey Wilhelm Miller The Warner Elevator Mfg. Co. J. C. Thomas Hardware Co. Wilson-Maeulen Co. F. M. Leslie.	Supplies Payment on contract Payment	\$ 11 8 294 8
2446	do	A. E. Keys, Contractor	Payment on contract	294 8
2447	αο   do	W. C. Coffey	Expenses	294 8 9 1 18 8 122 9 780 0 2 2 5 5 13 8 60 0
2449	do	Wilhelm Miller	. do	122 0
450	do	The Warner Elevator Mfg. Co	Waiter	780 (
451	do	J. C. Thomas Hardware Co	Tank	2 2
452	do	Wilson-Maeulen Co. F. M. Leslie. Eastman Kodak Co. Ernon Camera Shop. E. W. Sampson. E. W. Johnson. W. W. Walls & Co. Belle City Threshing Co. The Eclipse Fuel Engineering Co. Springfield Boiler & Mfg. Co. Automatic Electric Co. Illinois State Reformatory. Hunter Rourke & Co. John Godsell.	Tubes	5 5
453	do	Footman Kodok Co	Panaira	13 5
4551	do	Ernon Camera Shop	Camera supplies	60 6
456	do	E. W. Sampson	Harness	3
457	do	E. W. Johnson	Books	35 ( 35 ( 3 2
458	do	W. W. Walls & Co	Supplies	3 2
459	do	Belle City Threshing Co	Cylinder teeth	1 3
460	do	The Eclipse Fuel Engineering Co	Supplies Cylinder teeth Furnace, etc. Bucket. Supplies Printing.	101 8 40 0
462	do	Automatic Electric Co	Supplies	97
463	do	Illinois State Reformatory	Printing	27 10 14
464	do	Hunter Rourke & Co	Lumber	14
465	Aug. 30	John Godsell	Lumber Daity products furnished depart-	
	_		ment dairy husbandrydo	2 9 5
466	do	H. Wascher	do	2 5 2
167 168	ao	T. F. LYONS		2
169	do	John Englehardt	do	9
170	do	Geo. Schiff	do	3
71	do	H. Wascher T. P. Lyons. Chas. Smith John Englehardt Geo. Schiff Frank Knox. C. J. Gillespie. H. J. Moorehouse. Len Rayburn B. Jordan T. F. Jordan D. W. Shiveley C. Ross.	do	1 9 3 4 4 7 7 7 3 3 6 6 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
172	do	C. J. Gillespie	do	7
473	do	H. J. Moorehouse	do	3
174	do	Len Rayburn	do	3
175 176	do	T T Torden	do	3
77	do	D W Shiveley	do.	6
78	do	C. Ross	do	1
179	do	C. H. Demlow	do	50 243
180	do	Florence E. Watson	Expenses	50
181	do	D. W. Shiveley C. Ross. C. H. Demlow Florence E. Watson Laura B. Evans. C. Allen	do	243
82	Sept. 3	C. Allen	Dairy products jurnished depart-	
183	. 1			
	do 1	Relph Smith	do	3
184	do	Ralph SmithLouie J. Wienke	Dairy; products furnished depart- ment of diary husbandrydo.	3 1 3
184 185	do do	Ralph SmithLouie J. Wienke	dodo	3 1 3 3
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o.	Date.	To whom.	For what.	Amou
วะจา	1913. Sept. 3	John Willsey	Doing products funcioned deposit	
5044	sept. s	J. H. Umbanhowar C. A. Fogel John Weiss W. H. Webb John McCullough G. C. Gordon Cora Stacker S. Atchison R. H. Brewer Geo. Osborn Andrew Shields	Dairy products furnished department of dairy husbandry	8.3
2523	do	J. H. Umbanhowar	.do	\$ 3 4 2
2524	do	C. A. Fogel	do	2
2525 2526	do	John Weiss	do	11
2520 2527	do	Tohn McCullough	do	11 11 20 25 52 22 26 44 22 23
2528	do	G. C. Gordon	do	20
2529	do	Cora Stacker	do	5
2530	do	S. Atchison	do	2
2531	do	R. H. Brewer	do	2
200 <i>2</i> 2523	do	Andrew Shields	do	2
2534	do	Fred Krukewitt. L. G. Van Buskirk John Rueb	.do	1 4
2535	do	L. G. Van Buskirk	do	2
2536	do	John Rueb	do	2
2537	do	John Rueb J. Fisher T. M. Ghere M. Leigh W. E. Womacks W. J. Wilson S. G. Richards Robt. Graham J. H. Schwengel David Wilkins Lou Creiger E. Grave	do	3
4000 2530	do	T. M. Ghere	- do	477 21 11 55 31 54 42 21 11 11
2540	do	W. E. Womacks	-do	9
2541	do	W. J. Wilson	do	ĺ í
2542	do	S. G. Richards	do	1
2543	do	Robt. Graham	do	5
2044 0575	Sept. 5	J. H. Schwengel	do	1 3
2546 2546	do	Lou Craiger	do	5
2547	do	Lou Creiger E. Grove L. F. Lindsey W. F. Hampton R. A. Lumsden G. F. Diefenbach	do	4
2548	do	L. F. Lindsey	do	1 2
2549	do	W. F. Hampton	do	]
$2550 \\ 2551$	do	R. A. Lumsden	do	2
2552	do	G. F. Dietenbach A. J. Putscher P. P. Dunn M. Hudson	do	1 1
2553	do	P. P. Dunn	do	21 22 11 11 11 16 61 18 33 44 49 93
2554	do	M. Hudson	do	1
2555	do	M. Hudson R. S. McInness C. C. Gordon H. C. Kaufman J. F. Hoy G. M. Seeber G. C. Gordon J. M. Collough A. R. Grindley H. I. Nelson C. W. Pfiester O. W. Hampton J. M. Stickrod C. Stacker	do	1
2556	do	C. C. Gordon	do	]
4007 2559	do	I F Hov	do	1 1
2559	do	G. M. Seeber	_do	أ أ
2560	do	G. C. Gordon	do	i
2561	do	J. McCullough	do	8
2562	do	A. R. Grindley	do	3
2000 2564	ao	C W Pfloster	do	9
2565	do	O. W. Hampton	_do	l ĭ
2566	do	J. M. Stickrod	do	9
2567	do	C. Stacker	do	3
2568	do	I. H. Besore	do	]
5559 5570	do	J. M. Stickrod. C. Stacker. I. H. Besore. T. H. Richardson. W. J. Hobson W. L. Davis. P. Hazen. Fronk Knox	do	1 4
2571	do	W. J. Davis	-do	
572	do	P. Hazen	do	5
2573	do	Frank Knox	do	4
2574	do	P. Hazen Frank Knox. Van Carter J. H. Umbanhouer J. B. Marsh G. H. Spencer W. D. Rohl E. R. Canady F. S. Umbanhouer W. E. Yount Grant Freeman W. J. Wilson W. Hahn P. J. Wagner J. F. Hubbard O. A. Foster J. C. Schrock F. Sheffer	do	4
2575 2576	do	J. H. Umbanhouer	do	4
2576 2577	do	J. D. Maisii	do	3 5
578	.do	W. D. Rohl	do	1
2579	do	E. R. Canady	do	5
580	do	F. S. Umbanhouer	do	1 4
2581	do	W. E. Yount	00	
$\frac{1582}{583}$	oo	W T Wilson	do	
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2585	do	P. J. Wagner.	do	ļ. ĕ
586	do	J. F. Hubbard	do	] 2
2587	do	O. A. Foster		3
2588 $2589$	ao	J. U. SCHTOCK	do	5
2590 2590	do	G C Cochran	-do	3
2591	do	I. T. Webb.	do	3
2592	do	J. Ingleman	do	4
2593	do	Andrew Ekblaw	do	3
2594	do	F. H. Busey	d0	5 5 3 3 3 4 3 3
2595 2596	ao	Tohn Englehardt	do	4
2590 2597	do	J. C. Schrock F. Sheffer G. C. Cochran I. T. Webb J. Ingleman Andrew Ekblaw F. H. Busey Fred Thompson John Englehardt A. G. Guard Ches Smith	do	1 1 2 2
2598				2
2599	do	I. W. Maxwell	do	2

No.	Date.	To whom.	For what.	Amour
	1913.			
<b>2</b> 600	1 -	Geo. Shiff	Dairy products furnished, department of dairy husbandrydododododododo	\$ 4
2601	do	H. J. Moorehouse	do	\$ 4 3 4 3 6 7 3 4
2602	do	H. J. Moorehouse G. W. Miller C. A. Fogel D. W. Shiveley Geo. Herriott C. J. Gillespie Len Rayburn W. S. Hanley G. O. McMorris T. A. McCracken S. T. Carter T. F. Jordan C. Ross B. Jordan E. P. Ott	do	4
2603	do	C. A. Fogel	do	3
2604	do	D. W. Shiveley	do	6
2000 2606	do	C. I. Gillesnie	do	9
2607	do	Len Rayburn	do	4
2608	do	W. S. Hanley	do	1 2 3 3 6 2 5
2609	do	G. O. McMorris	jdo	2
2610	do	T. A. McCracken	do	
2612	do	T F Jordan	do	l é
2613	do	C. Ross	.do	2
2614	do	B. Jordan	do	5
2615	do	B. Jordan J. P. Yeasel C., C., C. & St. L. Ry. Co Illinois Traction System. Ralph Smith	do	8
2616	do	J. P. Yeasel	The sale t	4
2017 2618	do	Illinois Traction System	do	4 2 2
2619	Sept. 6	Ralph Smith	Dairy products furnished depart-	
		-, <u>-</u>	ment diary husbandry	1
2620	do	E. F. Lyon. J. E. Henderson G. M. Seeber George Schiff S. Atchison I. W. Maxwell C. H. Demlow C. Ross B. Jordon	do	1 2 2 4 3 1 2 2 2 2 4 5 2 2 2 2 2 2 4 3 2 2 2 2 2 2 2 2 2 2 2 2
2621	do	J. E. Henderson	do	2
2022 2622	ao	George Schiff	do	9
2624	do	S. Atchison	do	i
2625	do	I. W. Maxwell	do	2
2626	do	C. H. Demlow	do	2
2627	do	C. Ross	do	2
2628 2620	do	G. H. Demlow C. Ross B. Jordon T. F. Jordon H. J. Moorehouse. Wm. C. Gulick C. J. Gillespie J. M. Herriott A. Kroner T. A. McCracken C. E. Smoot John Rueb W. E. Womack Z. Alsip T. M. Guinn Wm. Leischner Mrs. Andrew Eckblaw A. E. Keys, Contractor John Rhap, Contractor L. T. Lyman J. F. Gauger E. B. Millard L. S. Baldwin John Rising L. Saldwin John Rising	do	9
2630	do	H. J. Moorehouse	do	9
2631	do	Wm. C. Gulick	do	4
2632	do	C. J. Gillespie	do	(
2633	do	J. M. Herriott	do	3
2034 2625	ao	A. Kroner		9
2636 2636	do	C. E. Smoot	do	4 4 4 4 4 4 4 4 4
2637	do	John Rueb	do	4
2638	do	W. E. Womack	do	4
2639 0640	do	Z. Alsip	do	2
2040 <b>2</b> 641	do	Wm Leischner	do	1 2
2642	do	Mrs. Andrew Eckblaw	do	á
<b>2</b> 643	do	A. E. Keys, Contractor	Payment on contract	229 208
2644	do	John Harp, Contractor	Final payment on contract	203
2645 0646	do	English Bros., Contractors	Payment on contract	39, 81
2040 2647	o	I F Gauger	Wages, August, 1915	50
2648	do	E. B. Millard	do	65
2649	do	L. S. Baldwin	do	40
2650	do	John Rising	do	46
2651	do	Robert Kligley	do	46 100
2002 2653	do	L. S. Baldwin	do	75
2654	do	H. F. Gonnerman	do	75 120 85 65
2655	do	R. Pergande	do	85
2656	do	R. W. Wilson	do	65
2057 2650	ao	Charles Palmer	do	60 40
2659	do	Clovd Smith	do	22
2660	do	Daisy O. Swearingen.	do	. 66
2661	do	Sybil Nagel	do	8
2662	do	IV. R. Fleming	do	100 75
2003 2003	on	Corm Norbury	00	75
4004 2665	do	Clarence Scholl	do	25 60
2666	do	R. A. Dutcher	do	60 35 85
2667	do	J. J. Herbert	do	85
2668	do	W. W. Miller	do	75
2669	do	Amos Wright	do	56
407U 9671	ao	IS P Roonstra	do	4
2672	do	S. P. Boonstra	do	10
2673	do	G. W. Pickels	do	13
2674	do	E. B. Milfard L. S. Baldwin John Rising Robert Kligley E. A. White L. S. Baldwin H. F. Gonnerman R. Pergande R. W. Wilson S. C. Taylor Charles Palmer Cloyd Smith Daisy O. Swearingen Sybil Nagel V. R. Fleming C. R. Newell Garm Norbury Clarence Scholl R. A. Dutcher J. J. Herbert W. W. Miller Amos Wright T. B. Snyder S. P. Boonstra S. P. Boonstra G. W. Pickels G. W. Meyers S. P. Boonstra G. W. Pickels G. W. Meyers S. P. Boonstra G. W. Pickels G. W. Meyers S. P. Boonstra G. W. Pickels G. W. Meyers S. P. Boonstra G. W. Pickels	do	46
2675	do	S. P. Boonstra	do	19
		G. W. FICKEIS	IUU	15

To.	Date.	To whom.	For what.	Amour
	1913.	T. W. Dieckmann R. L. Kelley Burt Hays. Carl Sievert. C. A. Brumley J. A. Dunseth C. E. Mattoon E. W. Mattoon E. W. Mattoon G. F. Smalley J. G. Roberts N. Meltz. T. New T. W. Graves P. T. Gregory W. Leriche P. T. Gregory W. Leriche P. T. Gregory J. W. DuHamel J. E. Morgan L. F. Nickell D. Vaubel C. R. Nickell D. Vaubel C. R. Nickolls S. A. Porter A. L. Collins M. C. Booher Zeliaette Troy Helen Wikinson Hazel Y. Shaw Florence H. Grabbe A. Bagusin Chas. Gundlock A. J. Booker A. J. Booker A. Warmbier A. L. Johnson J. B. Hickey W. W. Trimble G. W. Sheldon & Co Ralph Hilscher Martinus Nijhoff Samuel Campbell C. M. McConn United States Audit Co G. E. Stechert & Co Ernst Hertzberg & Sons Paul Gottschalk Lemeke & Beuchner Munhal Printing House A. C. McClurg & Co		
2677	Sept. 6	T. W. Dieckmann	Wages, August, 1913	\$ 55
2678	do	R. L. Kelley	do	100
2679	do	Burt Hays	do	70
2080	do	Carl Sievert	do	30 50
2081	ao	C. A. Brumley	ao	50
2082	ao	J. A. Dunsein	00	52
2083	ao	C. E. Mattoon.		52 52 52 26 41
2084	ao	E. W. Mattoon		52
2080	do	T. C. Dahanta	do	20
2080		J. G. KODERTS	ao	41
0800		IN MEGGZ	do	32 20 9
0600		T. New	do	20
∆uoy akan	do	D. W. Graves	do	17
2090 0601		T. Gregory	do	17
<b>260</b> 2 7081		W. Leriche.	do	31
2603	do	T. W. DuHamal	do	23
2000	do	T T Manager	do	25
2004	do	T E Mickell	do	35
2090 2606	do	D. Verbel	do	30
2000		O D Mickella	u0	40 54
2001		C. A. Nickolis	do	1 39
2600 2600	do	A T. Collins	do	41 22
⊉UUU GYNN	do	M C Rocher	do	36
⊿1UU 97∩1	do	Zalicatta Troy	do	30
2701 9709	do	Holon Willringon	do	55
2102 9702	uo	Hozel V Show	do	55 55 28
2100 2704		Element Cychho		50
2705 9705		A Demain	do	1 50
2100 2708	do	Chas Cundlast	do	15
2700 9707		A T Pooker	do	1 9
21UI		A. J. DOOKEL	do	25 25 25 39
41U0		A. Warmbier	do	25
47U8		A. L. JOHNSON	u0	1
271U	ao	J. D. HICKEY	do	22
2711		W. W. Trimble	One sees bears	31
0719	ျာများ. ဇ	Delmh Hilashan	Traveling armanag	11
2714 0714	100	Manph Huscher	Pooler	100
2714 0715	do	Martinus Nijnon	Doors	14 100 133
0716		C M McComp	Traveling armanage	136
0717		U. M. MCCOIII	Erronges	200
0710		O To Stack ant & Co	Pooleg	327 327 33
9710	do	Ernet Hertahera & Cone	Rinding hooks	00
9790	do	Poul Cottoballs	Books	28 430
2721	do	T omelre & Develor	do	450
2722	do	Munhall Printing House	Books	29
2723	ao	A C McClyra & Co	Poole	177
2724	40	I Torquem & Co	do	176 356
$\frac{2724}{2725}$	uo	Downhart Prothers	Supplies	99
41 40 9798		Colleghan & Co	Pooleg	1 1
2726 2727	do	T Flood & Co	DOURS	67 70
9799		Cromonty Lory Pools Co	do	07
2728 2729	do	Errict Hortzborg & Sons	Rinding hooks	1 7
$\frac{2729}{2730}$	do	First National Bank Champaign	Laboratory supplies	4
$\frac{2730}{2731}$	do	American Law Book Co	Books	1 4
<b>972</b> 0	do	"Professional Mampire"	Subscription	
2732 2733	do	Paul Gottschalk Lemcke & Beuchner Munhall Printing House A. C. McClurg & Co. J. Terquem & Co. Barnhart Brothers. Callaghan & Co. T. H. Flood & Co. Cromarty Law Book Co. Ernist Hertzberg & Sons. First National Bank, Champaign. American Law Book Co. "Professional Memvirs" The Burr Co. F. K. Robeson Rand McNally & Co. Otis Elevator Co. J. B. Lippincott Co. S. E. Huff & Co. E. Grove.	. do	
2724	do	F K Robeson	Supplies	] }
$\frac{2734}{2735}$	do	Rand McNally & Co	Books	2
$\frac{2735}{2736}$	do	Otis Elevator Co	Dumb waiter	1 50
2737	do	I. B. Linningott Co	Supplies	59
$\frac{2738}{2738}$	do	S. E. Huff & Co	Dairy products furnished depart- ment dairy husbandrydodo.	
2730	Sept. 8	E. Grove	Dairy products furnished deport-	
			ment dairy husbandry	1 .
2740	do	C. W. Hamm	do	1 :
2741	l. do	T. P. Lyons.	do	j ''
2742	do	H. Wascher	do	1 2
2743	do	John Godsell	do	
2744	do	Mart Watterson	do	3
2745	do	I. M. Stickrod	do	1 2
2746	do	C. G. Gordon	do	1
2747	do	L. F. Lindsey	do	:
2748	do	Lon Creiger	do	3
2740	do	G. Taylor	do	8
2750	do	C. W. Hamm T. P. Lyons. H. Wascher John Godsell Mart Watterson J. M. Stickrod. C. G. Gordon L. F. Lindsey Lou Creiger G. Taylor G. F. Diefenbach H. C. Kaufman J. H. Schwengel Fred Thompson H. F. Ridgeley	do	1 1
9751	do	H C Kaufman	do	1 :
2750	do	I. H. Schwengel	do	1 7
21.02	40	Fred Thompson	do	1 1
2/15				

Ю.	Date.	To whom.	For what.	Amo
	1913.			
		F. C. Stevenson		\$
2756	do	John Rueb. James Freeman J. W. Willsey Earl Myler. W. J. Hobson. C. Allen. C. J. Von Holton. J. Fisher R. W. Brewer W. J. Wilson L. G. Van Buskirk D. Hahn. Wm. Case Frank Hetro.	do	•
2757	do	James Freeman	do	
2758	do	J. W. Willsey	do	
2759	do	Earl Myler	do	
2760	do	W.J. Hobson	do	
2761	do	C. Allen	do	!
762	ao	T Fisher		
2700) 2764	ao	P W Brawar	1do	
765	do	W I Wilson	do	l
766	do	L. G. Van Buskirk	do	
767	do	D. Hahn.	do	
768	do	Wm. Case	do	
769	do	Frank Hetro	do	
770	do	W. E. Satterfield	do	
771 772	do	T. M. Ghere	do	
772	do	Geo. Osborn	do	
773	do	A. G. KIUKEWIII	do	
2774 2775	uo	J. J. F Canaday	do	
776	do	F W Busey	do	
777	do	J. A. Daeger	do	
778	do	J. A. R. Koch.	do	
778 779	do	Wm. Case. Frank Hetro W. E. Satterfield. T. M. Ghere. Geo. Osborn. A. G. Krukewitt. J. J. Perham. E. R. Canaday. F. W. Busey. J. A. Daeger. J. A. R. Koch. M. Leigh. M. Cherry. C. A. Fogel. Geo. Herriott. H. J. Moorehouse. P. Hazen.	do	\$
780	do	M. Cherry	do	
781	do	C. A. Fogel	do	
782 783	do.,	Geo. Herriott	do	:
783	do	H. J. Moorehouse	do	
784	do	P. Hazen	do	
785	do	H. J. Modeleose P. Hazen David Wilkens J. F. Hoy W. F. Hampton Stephen Rogers I. H. Besore	do	
786	do	J. F. HOY	do	
787 788	do	Stophen Degare	Field expenses	8
780	Sept. 9	I H Recore	Dairy products furnished depart-	0
100	Debr.	I. II. Desoite	ment of dairy husbandry	
790	do	Geo. Schiff	do	
791	.do	H. I. Nelson	-do	
792	do	A. R. Grindlev	do	
793	do	Ralph Smith	do	
794	do	E. Grove	do	:
795	do	Lou Creiger	do	
796	do	John Reub	do	
797	op	W. E. Heyer	do	
700	00	Fronk Znor	do	
000	do	D W Shiveley	do	
201	do	C. I. Gillosnia	do	
802	do	George Herriott	_do	1
803	do	P. Hazen	do	
804	. do	G. W. Miller	do	
805	do	I. H. Besore Geo. Schiff. H. I. Nelson A. R. Grindley Ralph Smith E. Grove Lou Creiger John Reub W. E. Heyer Len Rayburn Frank Knox D. W. Shiveley C. J. Gillespie George Herriott P. Hazen G. W. Miller Andrew Shields S. D. Richards T. F. Jordan C. Ross B. Jordan L. F. Bialeschki E. P. Ott. Robert Childers George Osborn G. C. C. & St. L. Ry Co. Urbana	do	
806 .	do	S. D. Richards	do	
307	do	T. F. Jordan	ao	
308	do	U. Koss	ao	- 1
309	do	B. Jordan		3
310	do	E P Ott	do	
210	uo	Robert Childers	do	
212	uo	George Oshorn	do	
214	.do-	C., C., & St. L. Rv. Co., Urbana	Freight	1
315	Sept. 10	M. Hudson	Dairy products furnished depart-	•
'	- 32 20		ment of dairy husbandry	3
316	do	W. F. Hampton	do	]
317	do	G. F. Diefenbach	do	2
318	do	L. F. Lindsey	do	]
319	do	J. H. Schwengel	do	2
320	do	I. W. Maxwell	do	- 8
821	do	H. Wascher		Ę
822	do	K. S. McInnes		
823	do	U. U. Gordon	00	2
824	do	E. F. Off. Robert Childers. George Osborn. C., C., C. & St. L. Ry. Co., Urbana. M. Hudson. W. F. Hampton. G. F. Diefenbach. L. F. Lindsey. J. H. Schwengel. H. Waswell H. Wascher R. S. McInnes. C. G. Gordon. O. A. McInnes. F. H. Busey. H. C. Kaufman J. F. Hoy. A. G. Krukewitt. W. D. Rohl P. J. Wagner.		3
825	do	r. H. Busey		ě
826		H. C. Mauiman	uv	2
827	o	A. G. Wmlrowitt	do	1
020	uo	W. D. Rohl	do	98

Vo.	Date.	To whom.	For what.	Amou
	1913.			
2831		Van Carter	Dairy products furnished department of dairy husbandry	\$ 4
2832	do	T. H. Richardson	do	4 1 5 3
2833	do	T. H. Richardson Ed. Huckins. C. W. Pflester J. W. Willsey W. J. Hobson D. B. White Mrs. Andrew Ekblaw W. E. Womachs Fred Krukewitt. W. E. Yount C. A. Fogel J. H. Umbanhower F. S. Umbanhower Nicholas Hahn George Osborn	.do	ī
2834	do	C. W. Pfiester	do	5
2835 2026	do	J. W. Willsey	do	$\begin{vmatrix} 3\\1 \end{vmatrix}$
2837	do	D B White	do	3
2838	do	Mrs. Andrew Ekblaw	.do	3 2 5
2839	do	W. E. Womachs	do	2
2840	do	Fred Krukewitt	do	5
2841 2841	do	W.E. Yount	do	3
2843	do	J. H. Umbanhower	do	4
2844	do	F. S. Umbanhower	do	3
2845	do	Nicholas Hahn	do	4
2846	do	George Osborn	do	4
2041 9848	do	T M Stickrod	do	6
$\frac{2849}{2849}$	do	R. T. Lumsden	_do	l ĭ
2850	do	Leonora S. Page	Wages, July and August, 1913	81
2851	do	C. W. Warriner	Wages, August, 1913	14
2852 9853	do	V. W. Warriner	Poyment on contract	2, 215
2854	do	Illinois State Reformatory	Printing	108
2855	do	Flanigan-Pearson Co	Cutting paper	1 4 476
2856	do	Twin City Ice Co	Ice	4
2857 2050	do	Nicholas Hahn George Osborn W. J. Wilson J. M. Stickrod R. T. Lumsden Leonora S. Page C. W. Warriner C. W. Warriner N. H. Shields, Contractor Illinois State Reformatory. Flanigan-Pearson Co Twin City Ice Co Karl W. Hiersemann Otto Harrassowitz. The Museum Book Store C. M. McConn.	Books	476
2000 2859	do	The Museum Rook Store	do	24 162
2860	do	C. M. McConn	Expenses	102
2861	do	Otto Harrassowitz. The Museum Book Store C. M. McConn. Alphonse Picard & Fils. Otto Harrassowitz. George E. Frazer. A. E. Keys, Contractor. Central Law Journal Co. Otis Elevator Co., Contractors. Johnson Service Co., Contractors. Johnson Service Co., Contractors. Johnson Service Co., Contractors. J. Terquem & Cie. Martinus Nijhoff Lloyd Morey. Ralph Hilscher V. R. Fleming M. C. Sjohlom George E. Frazer C. R. Newell Schaefer & Dolan W. M. Wilson. Taylor Hardware Co. Automatic Electric Co. Ernst Leitz. A merican Madical Association	do Expenses Books	17 198
2862	do	Otto Harrassowitz	do	198
2863	do	George E. Frazer	Expenses of E. Reynolds	200
2004 9865	do	Central Law Journal Co	Advertising	12
2866	do	Otis Elevator Co., Contractors.	Advertising. Payment on contract	900
2867	do	Johnson Service Co., Contractors	do	885
2868	Sept. 11	O. E. Staples, Bursar	Payment on contractdo Petty bills paiddo Booksdo Expensesdo	166
2869	do	O. E. Staples, Bursar	Rooks	48
2871	do	Martinus Niihoff	do	É
2872	do	Lloyd Morey	Expenses	20 49
2873	do	Ralph Hilscher	do	20
2874	do	V. R. Fleming	do	
2876 2876	do	Goorgo F Fragor	do	39
$\frac{2877}{2877}$	do	C. B. Newell	.do	38 43 25
2878	Sept. 12	Schaefer & Dolan	Services	25
2879	do	W. M. Wilson	Go. Services. Expenses Supplies.	8
2880	do	Taylor Hardware Co	Supplies	1 1
2882	do	Ernst Laitz	Annaratus	50
	do	American Medical Association	Booklets.	ı ĕ
2884	do	Ernst Leitz American Medical Association Twin City Ice & Cold Storage Co. Fitted Steel Sash Works. The Western Gas Fixture Co.	Supplies Selector Apparatus Booklets Water Material Supplies Expenses Supplies Duty Cartage	j
2885 2886	do	Fitted Steel Sash Works	Material	1 1
∠000 2887	do	The Western Gas Fixture Co. Constance Barlow-Smith. Reliable Plumbing & Heating Co. G. W. Sheldon & Co. Tice & Lynch. T. F. Jordan.	Expenses	18
2888	do	Reliable Plumbing & Heating Co	Supplies	1
2889	do	G. W. Sheldon & Co	Duty	72
2890	do	Tice & Lynch	Cartage	8
2891	ao	T. F. Jordan	Cartage.  Dairy products furnished department of diary husbandry.	8
2892	do	C. Ross	do	1
2893 2804	do	B. Jordan	do	1 6
$\frac{2895}{2895}$	do	J. E. Henderson	.do	Ì
2896	do	P. P. Dunn	do	1
2897	do	Fred Thompson	do	2
2898	do	J. D. Pittman	00	]
2099 29∩∩	ao	E. F. Lyons	_do	5
2901	do	C. J. Gillespie	do	) á
2902	do	W. L. Davis	do	5
2903	do	Grant Freeman	do	3
2904	do	C. Ross B. Jordan Geo. Schiff. J. E. Henderson P. P. Dunn Fred Thompson J. D. Pittman W. H. Frame E. F. Lyons. C. J. Gillespie W. L. Davis Grant Freeman Mrs. A. Ekblaw John Ingleman T. A. McCracken L. W. Davis.	do	31 1 2 2 1 1 3 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 5 3 5 3 5 3 5 3 5 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
4900	do	T. A. McCracken	do	4
29Un				

₹o.	Date.	To whom.	For what.	Amour
	1913.			
<b>2</b> 908	Sept. 13	C. C. Gordon.  T. P. Lyons. J. M. Stickrod. G. Taylor W. F. Hampton. G. F. Diefenbach L. F. Lindsey. A. J. Putscher H. C. Kaufman E. Grove. O. W. Hampton Lou Greiger John Godsell J. H. Schwengel D. Wilkens. P. Hazen D. W. Shiveley Len Rayburn L. F. Bialeschki Earl Myler. F. H. Busey. James Freeman John Roub J. F. Hubbard L. G. Van Buskirk W. E. Womacks Wm. Case W. J. Wilson J. P. Yeasel F. W. Howell E. R. Canaday Geo. Osborn. G. H. Spencer T. M. Ghere M. Leigh J. R. Tervett J. P. Lervert J. P. J. Petersen	Dairy products furnished depart-	\$ 1
2909	do	T. P. Lvons	.do	\$ 1 1 3
2910	do	J. M. Stickrod	do	3
2911	do	G. Taylor	do	2 1
2912	do	W. F. Hampton	do	1
2913 2914	do	L. F. Lindsey	do	. 1
2915	do	A. J. Putscher	do	î
2916	do	H. C. Kaufman	do	1 4 1 4
2917	do	E. Grove	do	4
2010	ao	U. W. Hampton	do	1
2920	do	John Godsell	-do	2
2921	do	J. H. Schwengel	.do	2 2 2 4
2922	do	D. Wilkens	do	2
2923	do	P. Hazen	do	4
2924		D. W. Shiveley	do	3 2
2926	do	L. F. Bialeschki	do	3
2927	do	Earl Myler.	.do	3 4
2928	do	F. H. Busey	do	2 2
2929	do	James Freeman	do	2
2031	ao	JOHH KCUD	ao	2
2932	do	L. G. Van Buskirk	do	2
2933	do	W. E. Womacks	do	$\tilde{2}$
2934	do	Wm. Case	do	4
2935	do	W. J. Wilson	do	2
2930 2027	ao	J. P. Yeasel	do	1 1
2938	do	E. R. Canaday	do	2 2 4 2 3 1 4
2939	do	Geo. Osborn.	do	4
2940	do	G. H. Spencer	do	6
2941	do	T. M. Ghere. M. Leigh J. R. Trevett. P. J. Petersen. C., C., C. & St. L. Ry. Co. Wm. Parton. W. M. Welch Co. W. L. Abbott. O. M. Allyn. T. A. Clark. G. M Seeber.	do	3
2942	00	M. Leign	Evnanças	7
2044	Sent. 15	P. J. Petersen	Butter	5
2945	do	C., C., C. & St. L. Rv. Co.	Freight	4 6 3 7 8 5 6 130
2946	do	Wm. Parton	Supplies	130
2947	do	W. M. Welch Co	Freight and repairs	1 94
2940 9040	do	M Allyn	Field expenses	53
2950	do	T. A. Clark	Refund from McKinley fund	53 50
2951	Sept. 16	G. M Seeber	Freight and repairs Expenses. Field expenses Refund from McKinley fund Dairy products furnished depart- ment of dairy husbandry.	
	1		ment of dairy husbandry	16
2952	do	J. M. Stickrod	do	4
2900 9054	do	C W Homm	do	1 1
2955	do	J. C. Schock	do	5
2956	do	Geo. Schiff	do	3
2957	do	J. Willsey	do	2
2958	do	W. J. Dovie	do	4 2 1 5 3 2 4 4
2999 2060	αο do	T M Guynn	do	4
2961	do	Andrew Shields	do	15533 2444 3554 4433 4472 255
2962	do	J. Rueb	do	4
2963	do	O. A. Foster	do	4
2964	do	U. J. Von Holten	do	3
2966 2966	ao	C Ross	do	3
2967	do	B. Jordon	do	4
2968	do	T. F. Jordon	do	7
2969	do	M. Cherry	do	2
2970 2077	00	TRIK Helfo	do	i 5
2972	do	S. G. Richards	_do	i
2973	do	J. McCullough	do	12
2974	do	S. Atchison	do	3
2975	do	Cora Stacker	do	3
2976	sept. 17	The Creement Peckage Mfg. Cc	Supplies	1 17
2911 9978	do	Cornelius Stocker	Expenses	13
<b>2</b> 979	do	The Burr Co.	Supplies.	13
2980	do	Percival & Moorehead	do	1
2981	do	T. A. Clark G. M. Seber J. M. Stickrod Ralph Smith C. W. Hamm J. C. Schock Geo. Schiff J. C. Schock Geo. Schiff J. Willsey C. J. Gillespie W. L. Davis T. M. Guynn Andrew Shields J. Rueb O. A. Foster C. J. Von Holten J. Engelhardt C. Ross B. Jordon T. F. Jordon M. Cherry Frank Hetro Wm. Leischer S. G. Riehards J. McCullough S. Atchison Cora Stacker Mittendorf & Kiler The Creamer Package Mfg. Co. Cornelius Stocker The Burr Co. Percivali& Moorehead The Kuy-Scheerer Co Ernst Hertzberg & Sons H. P. Corson Western Gas Fixture Co.	Casts	40
2982	ao	Ernst Hertzberg & Sons	Evnences	7 48

٥.	Date.	To whom.	For what.	Amoun
	1913.	The Boston Book Co. A. E. Wuesteman J. Terquem & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. American Contractor Publishing Co. Automatic Electric Co. Twin City Ice & Cold Storage Co. H. P. Rusk W. Lewis & Co. Herring Hall Marvin Safe Co. Peck & Hills Furniture Co. Eimer & Amend C. W. Rolfe William Cooper & Nephews A. B. Dick & Co. C. S. Jenkins J. G. Biddle. Williams Bros E. H. Sargent & Co. International Press Clipping Bureau Reliable Plumbing & Heating Co. Stafford Engraving Co. L. W. Maxwell W. D. Rohl.		
985	Sept. 17	The Boston Book Co	Books	\$ 8 125 38
986	do	A. E. Wuesteman	Silverware	125
987	do	J. Terquem & Co	Books	38
988	do	A. C. McClurg & Co	Books. Book. Advertising. Supplies. Ice. Expenses.	1 6 55
989	do	American Contractor Publishing Co	Advertising	6
990	do	Automatic Electric Co	Supplies	55
991	do	Twin City Ice & Cold Storage Co	Ice	9
992	do	H. P. Rusk	Expenses	9
993	do	W. Lewis & Co	Sheets Safe Desks Supplies Hogs Ram Mimeograph Map rack Supplies Painting Supplies August clipping service Supplies and labor Halftones Dairy products furnished department of diary husbandrydo	15 38
994	do	Herring Hall Marvin Sale Co	Sale	38
995	ao	Peck & Hills Furniture Co	Desks	57
996	ao	Elmer & Amend	Supplies	59
997		C. W. Rolle	Hogs	106
998	ao	william Cooper & Nepnews	Mina a a man h	100 40
999	ao	A. B. Dick & Co	Milmeograph	40
000	do	U. S. Jenkins	Map rack	50
OOT	ao	J. G. Blddle	Supplies	20
002	ao	Williams Bros	Painting	177
003	ao	E. H. Sargent & Co	Supplies	1 2
004	ao	International Press Clipping Bureau	August clipping service	5
005	do	Reliable Plumbing & Heating Co	Supplies and labor	4 9
UUb	ao	Stanord Engraving Co	Daine and death family and descript	9
007	ao	I. W. Maxwell	Dairy products turnished depart-	١ .
000		TT D Dell	ment of diary husbandry	2
000	ao	W. D. Roll	100	1 4
009	ao	T. Krukewitt		1 4
010	do	F. S. Umbannower	do	3 7 4 3 7 5 4 5 5
010	ao	W. E. I Ould	@0	1 1
012	do	W. E. Satterneid	00	9
019	ao	G. D. Pernam		4
014	Jao	T. D. Constant		5
010	do	E. R. Canaday		
010	ao	van Carter	]do	.] 3
017	do	J. H. Umpannower		1 1 9
018	do	R. A. Lumsden	do	1 1
019	ao	H. Wascner	do	9
020	do	C. W. Pieister		1 1
021	do	A. G. Guard		1
022	do	J. F. HOY		2 2 4 1 1 2 1 1 3
020	do	H. C. Kaulman		1 2
024		T T Tondoron		1 1
020		J. E. Henderson		1 5
020		II. F. Dillusey		1 1
027		W. F. Halliptoll.	do	1 1
020		E. A. SHILLI		1 :
029	ao	T TT Coherengel	do	1 8
いっし		T Cusing	do	1 1
non		D. Crohom	do	1 3
002		B. Hogen	do	
000	do	C A Forel	do	1 3
052	do	E Vnov	do	
กอย		A Tropor	do	
000		G C Dichards	do	
U30	do	7 Whitched	do	1 7
U30	do	T T Wohh	do	
UNU	do	A W McTilton	do	1 3
041	do	I C Stevenson	do	
UNU	do	F H Busav	do	1 2
042	do	S T Corter	do	1 :
040	do	D H Brower	do	1
UA:	do	W E Womachs	do	'   '
OA6	do	P I Wagner	40	
לאחו	40	I R March	do	
040	do	W I Wilson	do	5
040	do	C C & St T. Py Co	Fraight	
050	do	Dovid Kinley	Evnances	1 :
OUT 1	40	David Kinley	do	1
יטטי	do	Ralph Hilscher	do	11 32
UNI	do	M C Sichlom	do	1 11
UK	do	E H Sargant & Co	Supplies	10
IUK!	do	The Burr Co	do	12
SUE	do	Ernet Hartzharg & Sons	Rockhinding	2
יטטנ	de	Colleghan & Co	Panorts	. 2
NON	de	The Lewyers Co.on Publishing Co.	Rooks	18
50 E4	do	Illinois Stote Deformatory	Drinting	58
ישחני	J	Reliable Plumbing & Heating Co. Stafford Engraving Co. I. W. Maxwell  W. D. Rohl F. Krukewitt F. S. Umbanhower W. E. Yount W. E. Satterfield J. D. Perham Geo. Osborn Geo. Osborn Geo. Osborn Geo. Osborn J. E. R. Canaday Van Carter J. H. Umbanhower R. A. Lumsden H. Wascher C. W. Pfeister A. G. Guard J. F. Hoy H. C. Kaufman Mart Waterson J. E. Henderson L. F. Lindsey W. F. Hampton E. A. Smith E. Grove J. H. Schwengel Lou Creiger R. Graham P. Hazen C. A. Fogel F. Knox A. Kroner S. G. Richards Z. Whitehead I. T. Webb A. W. McJilton J. C. Stevenson F. H. Busey S. T. Carter R. H. Brewer W. E. Womachs P. J. Wagner J. B. Marsh W. J. Wilson C., C., C. & St. L. Ry. Co. David Kinley David Kinley Ralph Hillscher M. C. Sjoblom E. H. Sargent & Co. The Burr Co. Ernst Hertzberg & Sons Callaghan & Co. The Lawyers Co-op. Publishing Co. Illinois State Reformatory. D. H. Lloyde American Steel & Wire Co. J. F. Umpleby J. F. Umpleby	Cords	. 3
MOI	Jao	American Steel & Wire Co	Supplies	168
JUO.	J00	American Steel & Wife Co	- Buppnes	271
200			1 (11)	. 21

No.	Date.	To whom.	For what.	Amount
	1913.	Strauch Kodak Finishing Shop. Engineering News. Engineering Record. Statute Law Book Co W. M. Taylor. W. W. Lindley, Postmaster. E. W. Washburn. O. M. Allyn. Eimer & Amend. Knowlton & Bennett. Twin City Lee & Cold Storage Co. Mandel Bros. Barnhart Bros. Barnhart Bros. Barnhart Bros. Callaghan & Co. Clallaghan & Co. Clallaghan & Co. Ullinois State Reformatory. E. F. Lyons. W. H. Frame. A. R. Grindley. Geo. Schiff. Fred Thompson. C. H. Demlow.	_	
3063	Sept. 17	Strauch Kodak Finishing Shop	Developing, etc	\$ 11 27 8 0 5 6
3064	do	Engineering News	Advertising	2 7
3066	do	Statute Law Book Co	Rooks	8 0
3067	do	W. M. Taylor	Supplies	5 6 7 7 50 0
3068	Sept. 18	W. W. Lindley, Postmaster	Postage on bulletins	50 0
3069	do	E. W. Washburn	Expenses	72 9
3070	do	O. M. Allyn	Field expenses	12 4
3071	do	Eimer & Amend	Supplies	3 (
3072	do	Knowlton & Bennett	do	3 (
3073	do	Twin City Ice & Cold Storage Co	100	999
3074	do	Rembert Bres	Stoples	999
3076	do	Reliable Plumbing & Heating Co	Supplies and labor	3 8
3077	do	T. H. Flood & Co.	Books.	3
3078	do	Callaghan & Co	.do	15
3079	do	Illinois State Reformatory	Printing	3 15 17
3080	Sept. 19	E. F. Lyons	Dairy products furnished depart-	
			ment of dairy husbandry	2
3081	do	W. H. Frame	do	$\frac{2}{3}$
3082	do	A. R. Grindley	do	3
3083	ao	Frad Thompson	do	$\frac{3}{2}$
3085	do	C. H. Demlow	do	2 1
3088	. do	W. H. Frame A. R. Grindley Geo. Schiff. Fred Thompson. C. H. Demlow. Frank Scheffer J. Engelhardt. T. H. Richardson. W. J. Hobson. A. G. Krukewitt N. Hahn Z. Alsip C. Ross. T. F. Jordan. B. Jordan. B. Jordan. Len Rayburn	.do	3 2 1 5 9
3087	do	J. Engelhardt	_do	5 : 9 :
3088	do	T. H. Richardson	do	3 8
3089	do	W. J. Hobson	do	3 8
3090	do	A. G. Krukewitt	do	3 4
3091	do	N. Hahn	do	5 5
3092	do	Z. Alsip	- do	2 5
3093		T F Jordan	do	3 (
2005	ao	R Jordan	do	5
9008	do	Mrs A Ekhlow	do	2 6
3097	do	Len Rayburn	.do	3 4
3098	do	T. A. McCracken	.do	3 4
3099	do	W. A. Coonce	do	3 j
3100	. do	Mrs. A. Ekblaw Len Rayburn T. A. McCracken W. A. Coonce Samuel Campbell H. W. Johns-Manville Co. Reliable Plumbing & Heating Co. G. W. Sheldon & Co William Wesley & Son Porrua Hnos. Mary S. Snyder Truax & Son. The Boston Book Co J. G. Biddle. Ernst Hertzberg & Sons T. H. Flood & Co. Callaghan & Co. Hazel M. Potter. Reliable Plumbing & Heating Co. A. J. Putscher	Tiling	3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
3101	do	H. W. Johns-Manville Co	Asbestos	16 8
3102	do	Reliable Plumbing & Heating Co	Supplies and labor	7.8
3103	qo	William Wesley & Con	Duty, etc	4 4
3104		Pormio Unos	do.	99 7 21 (
3108	do	Mory S Snyder	Interest Snyder fund	300 (
3107	do	Truex & Son	Boar	300 ( 245 (
3108	do	The Boston Book Co	Book	5 ( 32 5
3109	do	J. G. Biddle	Supplies	32 8
3110	do	Ernst Hertzberg & Sons	Bookbinding	23 8 206
3111	do	T. H. Flood & Co	Books	206
3112	do	Callagnan & Co	do do do do do do do do do do do do do d	18 7 15 ( 15 (
3113	do	Baliable Plumbing & Heating Co	Expenses and rent of typewriter.	15 (
2114	do Sept. 20	A. J. Putscher	Dairy products furnished depart-	19 (
0110	20 ZU	it. U. I duscrioi	ment of dairy husbandry	1.5
3116	do	W. F. Hampton	.do	1 2
3117	do	F. G. Diefenbach	do	2 7
3118	do	D. Wilkens	do	3 2
3119	do	O. W. Hampton	do	2 8
3120	do	L. F. Bialaschki	do	3 .
3121	do	J. Ingelman	do	5 (
3122		I. P. Lyons		2 (
2104		F II Rucov		2 7
3124	do	E A Smith	do	1 1
3126	.do19	7. Taylor	do1	1 6
3127	do	Γ. M. Ghere.	do	3 0
3128	do	A. J. Putscher W. F. Hampton. F. G. Diefenbach D. Wilkens. O. W. Hampton. L. F. Bialsachki J. Ingelman T. P. Lyons. J. Godsell. F. H. Busey E. A. Smith J. Taylor. T. M. Ghere M. Leigh I. Rueb L. Willsey E. R. Canaday H. F. Ridgley H. C. Kaufman F. H. Oy H. E. Smoot J. E. Smoot J. C. Gordon J. A. Fogel F. Hubbard	do	8 7
3129	do	Rueb	do	3 2
3130	do	. Willsey	do	3 9
3131	do	E. R. Canaday	do	4 1
3132	do	H. F. Kidgiey		3 3
3133	do	H. U. Kauiman	00	1 4
2125	ao	P Hazan	do.	16
3126 .	uo	Y E Smoot	do	37
3137		C Gordon	do	9 9
3138	do	C. A. Fogel	do	1; 3; 3; 5; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0;
0100	do	F. Hubbard	do	9 1
31391				

No.	Date.	To whom.	For what.	Amour
01.0	1913.			
3140	Sept. 20	L. G. Van Buskirk	Dairy products furnished department of dairy husbandry	\$ 2
3141	do	R. S. McInnes	do	\$ 2 1 3 5 4 4 2
3143	do	D. Hahn	-do	5
3144	do	Wm. Case	do	4
3145	do	H. Wascher	do	4 2 3
3140	do	W.E. Womacns	do	2 3
3148	do	Geo. Osborn	.do	3 5
3149	do	A. G. Krukewitt	do	10
3150	do	W. J. Carmichael	Expenses	10
3152	do	English Brothers, Contractors	Final payment on contract	5, 426 1, 131 1, 302
3153	do	Freeman & Brooks, Contractors	.do	1, 131
3154	do	A. W. Stoolman, Contractor	do	1,302
3155 2156	do	Great Corporator	Duty, etc	6 2
3157	Sept. 22	O. W. Hoit.	Expenses	219
3158	do	H. V. Roberts	Slides, repairing, etc	219 111
3159	do	Roy Charles	Tiling	92
3160	Sept. 24	L. G. Van Buskirk R. S. McInnes H. I. Nelson D. Hahn Wm. Case H. Wascher W. E. Womachs E. P. Ott. Geo. Osborn A. G. Krukewitt W. J. Carmichael The Snead & Co. Iron Works English Brothers, Contractors Freeman & Brothers, Contractors Freeman & Brothers, Contractors A. W. Stoolman, Contractors A. W. Stoolman, Contractor Grant Carpenter O. W. Holt H. V. Roberts Roy Charles E. Grove Lou Creiger Jno. Englehardt C. Allen Geo. Schiff L. W. Davis Andrew Shields A. Ekblaw J. A. Daeger W. L. Davis C. Ross B. Jordan Grant Freeman Earl Myler I. W. Maxwell C. W. Peister J. M. Stickrod C. C. G. Schiff C. W. Pfeister J. M. Stickrod C. C. Fleister J. M. Stickrod C. C. Fleister J. M. Stickrod C. C. G. C. G. Schiff J. H. Waxwell C. W. Pfeister J. M. Stickrod C. C. G. G. G. G. G. G. G. G. G. G. G. G. G.	. do . do Duty, etc. Use of rig Expenses Slides, repairing, etc. Triling Dairy products furnished department of diary husbandry.	4
3161	do	Lou Creiger	do	4
3162 3169	ob	Jno. Englenardt	0.00	4
3164	do	Geo. Schiff.	do	4 2 5
3165	do	L. W. Davis	do	4
3166	do	Andrew Shields	do	6
3167	do	A. Ekblaw	do	4 5 3 4 3 5 3 3 5
3169	do	W. L. Davis	do	5
3170	do	C. Ross	do	š
3171	do	B. Jordan	do	4
3172	do	Grant Freeman	do	3
3174	do	I. W. Maxwell	do	3
3175	od	C. W. Pfeister	do	3
3176	do	J. M. Stickrod	do	5
3177	do	C. C. Gordon	do	11 32 11 22 22 24 46 55 55 44 44 44 44 44 41 11 11
3179	do	W. H. Webb	do	í
3180	do	Mart Watterson	do	3
3181	do	J. E. Henderson	do	1 3 2 1
182 183	do	J. F. HOY	do	1
184	do	W. F. Hampton	-do	2
185	do	G. F. Diefenbach	do	2
186	do	R. A. Lumsden	do	2
187 188	do	C Osborn	do	6
189	do	Ed. Heppe	-do	5
190	do	Nicholas Hahn	do	5
191	do	Frank Hetro	do	5
192 193	op	г. н. виsеу М. Т.рісь	@0    do	4
193	do	J. B. Marsh	do	3
195	do	P. J. Wagner	do	1 2 2 2 2 4 6 5 5 5 4 5 5 5 5 5 5 2 2 5 5 5 5 5 5 5 5
196	do	Frank Knox	do	5
197 198	do	K. H. Drewer	do	5
199	do	J. J. Cender	do	4
200	do	T. H. Richardson	do	4
201	do	U. J. Von Holten	do	4 3 7 1
$\frac{202}{203}$	-do	The Wahash R. R.	Freight	3 7
204	do	C., C., C. & St. L. Ry. Co	do	i
205	do	E. I. Du Pont De Nemours Powder Co	Supplies	1
$\frac{206}{207}$	do	American Steel & Wire Co	do	7
207	do	Walrus Mfg. Co	Furniture	276
209	do	M. W. Busey	Expenses.	276 150
210	do	National Engraving Co	Etchings	30 144
211	do	Edward Bartow	Expenses	144 10
212	do	J. E. Henderson. J. F. Hoy H. C. Kaufman W. F. Hampton. G. F. Diefenbach R. A. Lumsden Pearl Hazen. G. Osborn. Ed. Heppe. Nicholas Hahn Frank Hetro. F. H. Busey M. Leigh J. B. Marsh P. J. Wagner. Frank Knox R. H. Brewer J. C. Shrock J. J. Cender T. H. Richardson C. J. Von Holten J. Willsey F. Willsey F. L. Du Pont De Nemours Powder Co. American Steel & Wire Co. Stafford Engraving Co Waltsey Mational Engraving Co. Edward Bartow J. F. Schnellbach Henry Troebmer C. W. Hamm	Annaratus	713
214	Sept. 27	C. W. Hamm	Dairy products furnished depart-	0
			ment of dairy husbandrydo	1
		H. I. Nelson		

No.	Date.	To whom.	For what.	Amour
	1913.	Geo. Shiff.  Fred Thompson. A. R. Grindley G. M. Seeber H. F. Ridgeley Ed. Huckins. Wm. Leischner M. Cherry C. A. Fogel S. T. Carter T. F. Jordan B. Jordan C. Ross W. E. Yount F. S. Umbanhowar J. H. Umbanhowar F. W. Howell E. R. Canady W. D. Rohl O. A. Foster D. B. White G. H. Spencer C. H. Demlow E. Grove Lou Creiger T. P. Lyons John Godsell J. F. Hoy J. F. Hoy J. F. Hoy J. F. Hoy J. F. Hampton David Wilkins A. J. Putscher Pearl Hazen T. M. Goven Lou C. Rose W. J. Wilson L. G. Van Buskirk Wm. Case Wm. C. Rohre John Rueb Jas. Freeman W. J. Wilson L. G. Van Buskirk Wm. Case W. D. Rohl Geo. Osborn Van Carter W. E. Satterfield F. H. Busey E. R. Canady Loute, Wilson L. F. Hoy Louel J. F. Hoy J. Wilson L. G. Van Buskirk Wm. Case W. D. Rohl Geo. Osborn Van Carter W. E. Satterfield F. H. Busey E. R. Canady Louie J. Wiene J. Wilson Louel J. Wiene J. F. Hubbard W. E. Heyer Joseph Mounts W. T. Hobeson Earl Myder	,	
3216	Sept. 27	Geo. Shiff	Dairy products furnished depart-	\$ 3
3217	do	Fred Thompson	do	\$ 3 2 2
3218	do	A. R. Grindley	do	2 6
3220	do	H F Ridgelev	do	9
3221	do	Ed. Huckins	.do	2 1 4
3222	do	Wm. Leischner	do	4
3223 3224	do	M. Cherry	do	3 7
3225	do	S. T. Carter	1-d0	4
3226	do	T. F. Jordan	do	6
3227	do	B. Jordan	do	4
3229 3229	do	W E Yount	do	$\frac{3}{7}$
3230	do	F. S. Umbanhowar	.do	4
3231	do	J. H. Umbanhowar	do	5
3232 3033	do	F. W. Howell	do	3 6
<i>0200</i> 3234	do	W. D. Rohl	do	7
3235	do	O. A. Foster	.do	4
3236	do	D. B. White	do	3
5257 3939	00	C. H. Demlow	do	7
3239	do	E. Grove	.do	5
3240	do	Lou Creiger	do	5 5
3241	do	T. P. Lyons.	do	2
3242 3243	do	T F How	00	$\frac{1}{2}$
3244	do	H. C. Kaufman	-do	3
3245	do	E. A. Smith	do	$ $ $\bar{3}$
$\frac{3246}{2047}$	do	O. W. Hampton	do	2 2
324 <i>1</i> 3248	do	G Taylor	do	2
3249	do	W. F. Hampton	_do	2 3
3250	do	David Wilkins	do	1
3251	do	A. J. Putscher	do	1 4
3253	do	T. M. Ghere	do	4
3254	do	John Rueb	do	. 3
3255	do	Jas. Freeman	do	3
3257	do	W. J. Wilson	do	3 3 4
3258	do	Wm. Case	do	4
3259	do	W. D. Rohl	do	4
3260	]do	Geo. Osborn	do	6
3262	do	W E Sattarfield	do	4 5
3263	do	F. H. Busey	do	5
3264	do	E. R. Canady	do	3 3 2
3200 3966	g do	Louie J. Wienke	do	3
3267	do	W. E. Hever	do	
3268	3 do	Joseph Mounts	do	6
3269	do	J. F. Hubbard W. E. Heyer Joseph Mounts W. T. Hobeson Earl Myler H. F. Ferguson. W. W. Hanford M. E. Hinds. W. F. Langelier F. W. Mohlman J. F. Schnellbach. M. C. Sjoblom F. W. Tanner Carmen F. Harnack Eliza Hart. Marie Jester J. J. Johnson	do	4 4 90
3270 3271	ηαο	H F Forgueon	Solary Santamber 1012	4
3272	do	W. W. Hanford	.do	60
3273	do	M. E. Hinds	Balance, Salary, September, 1913.	10
3274	do	W. F. Langelier	Salary, September, 1913	125
3276	do	IT. W. Moniman	do	70 75
3277	do	M. C. Sjoblom	.do	75
3278	do	F. W. Tanner	do	70
3279	do	Carmen F. Harnack	do	65
3281	dodo	Marie Jester	_do	41 55
3282	do	J. J. Johnson	do	50
3283	do	Jennie B. McMullen	do	50 175
328	do	E. A. Wnite	Fellowship Sentember 1012	175 50
3286	do	Marie Jester J. J. Johnson Jennie B. McMullen E. A. White. J. H. Belt. H. F. Hadley Rudolph McDermet. G. A. Maney Julian Montgomery R. B. Pogue H. R. Thomas W. J. Wohlenberg A. E. Keys, Contractor	do	50
328	/ do	Rudolph McDermet	do	50 50
3288	3do	G. A. Maney	do	50
3200	do	R B Pogue	do	50 50
329	ĭdo	H. R. Thomas	.do	50 50 50 50
329	2do	W. J. Wohlenberg	do	1 50
200	ai do	IA. E. Keys. Contractor	Part payment on certificate No. 3	50

To.	Date.	To whom.	For what.	Amou
	1913.	A. E. Keys, Contractor. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar A. E. Keys, Contractor W. H. Boyer A. M. Barrean B. Dass Ruth Halliday M. B. Higgins K. A. McCaskill Ina V. Meredith W. C. Stevens Mabel E. Schadt C. H. Cowgill A. B. Hammitt G. B. Hammitt		
3294	Sept. 27	A. E. Keys, Contractor	Part payment on certificate No. 3	\$ 50
3295	do	O. E. Staples, Bursar	Lapor paid in cash	862
3296	do	O. E. Staples, Bursar	Repates, etc.	550
3297	do	O. E. Staples, Bursar	Petty cash bills	77
3298	do	O. E. Staples, Bursar	do	79 70
3299	do	A. E. Keys, Contractor	Amount due on certificate No. 3	70
3300	do	W. H. Boyer	Loan from Snyder fund	200
3301	do	A. M. Barrean	do	150
3302	do	B. Dass.	do	150 200 200 200
3303	do	Ruth Halliday	do	200
3304	do	M. B. Higgins	do,	200
3305	do	K. A. McCaskill	do	200 200 150
3306	do	Ina V. Meredith	do	200
3307	do	W. C. Stevens	do	150
3308	do	Mabel E. Schadt	Loan from Woman's League Loan	
			fund	200
3309	do	C. H. Cowgill	Loan from McKinley fund	250
3310	do	A. B. Hammitt	do	200 250 200
3311	Sept. 29	General Electric Co	Supplies	68 15
3312	do	G. E. Stechert & Co	Books	1.5
313	do	Williams Bros	Tinting.	7.5
314	do	E. H. Sargent & Co	Supplies	75 7
315	do	Jno. B. Bennett	Drains on South Farm.	
316	do	Bacon Bros	Glass	1
$\tilde{317}$	do	F. W. Tanner	Expenses	Â
318	do.	Mabel E. Schadt C. H. Cowgill A. B. Hammitt General Electric Co. G. E. Stechert & Co Williams Bros. E. H. Sargent & Co. Jno. B. Bennett Bacon Bros. F. W. Tanner H. F. Ferguson N. B. Stiles & Co. Charles Roundtree Lloyds Banks Limited O. M. Allyn Bausch & Lomb Optical Co. Stipes & Hecker. Paul Hansen Keuffel & Esser Co. D. Appleton & Co. Central Electric Co. J. W. Brendle. Vaughan's Seed Store Ralph Hilscher Alexander Lumber Co. John B. Bennett S. E. Dillayou. O. E. Staples, Bursar. Louis Allen Louise Austin Paul Bayley Lillian Blaney.	Loan from McKinley funddo Supplies Books Tinting Supplies Drains on South Farm Glassdo Stationery Ewes Subscription Expenses Supplies	1 5 7 12
319	do.	N. B. Stiles & Co	Stationery	19
320	do.	Charles Roundtree	Ewes	40
321	do	Lloyds Banks Limited	Subscription	īč
322	do	O M Allyn	Expenses	13
323	do	Baugeh & Lomb Ontical Co	Supplies do Expenses	1 925
324	do	Stings & Hooker	do.	38 81 7
225	do	Doub Congon	Fynongog	Q1
206	do	Vou fol & Eggor Co	Supplies	01
207	do	D. Appleton & C.	Buppites	é
200	qo	Company Floring Co	Glion	4
320	do	T W Drandla	Supplies	32
329	qo	J. W. Drendle	Campalian	244
001		Vaugnan's Seed Store	Supplies	244
99T	ao	Raiph Huscher	Expenses	11 27
332	do	Alexander Lumber Co	Lumper	27
1000	ao	John B. Bennett	Drains	81 39
334		S. E. Dillavou	Supplies and repairs	200
333	ao	O. E. Staples, Bursar	Repares	500
330	ao	Louis Allen	Scholarship, September, 1913	25 25
337	do	Louise Austin	do	25
338	do	Paul Bayley	ao	25
339	do	Lillian Blaney	do	25
340	do	A. R. Brandner	do	25
341	do	Lois A. Browne	ao	25
342	do	Helen Clark	do	25
343	do	Lois M. Coultas	@o	25
344	do	Helen I. Cushing	ao	25
345	do	Tag R. Demen	do	25
346	do/	L. N. Fisher	qo	25
347	do	Philip Garman	do	25
348	do	Aloa A. Hackett	do	25
349	do	A. O. Heck	do	25
350	do	Nelle L. Ingels	do	28
351	do	Jessie J. Kile	do	25
352	do	U. K. Knight	do	25
353	do	Viola E. Knoche	do	25
354	do	C. W. Lantz	do	25 25
355	do	Matthew Lawrence	do	25
356	do	Warren Lincoln	do	25
357	do	E. L. McKenna	do	25
358	do	Howard Mathews	do	25
359	do	Lois M. Miles	do	25
360	do	Jessie F. Miller	do	25
361	do	M. L. Nebel	do	25
362	do	D. F. Pasmore	do	25
3363	do	Karr Parker	do	25
3364	do	N. L. Partridge	do	25
3365	do	P. A. Paulson	do	25
3366	do	Stipes & Hecker Paul Hansen. Keuffel & Esser Co D. Appleton & Co. Central Electric Co J. W. Brendle Vaughan's Seed Store Ralph Hilscher. Alexander Lumber Co. John B. Bennett S. E. Dillavou. O. E. Staples, Bursar. Louis Allen Louise Austin Paul Bayley. Lillian Blaney. A. R. Brandner Lois A. Browne. Helen Clark Lois M. Coultas Helen I. Cushing. Ida B. Dewey L. N. Fisher. Philip Garman Aloa A. Hackett A. O. Heck Nelle L. Ingels Jessie J. Kile C. K. Knight. Viola E. Knoche C. W. Lantz Matthew Lawrence Warren Lincoln E. L. McKenna Howard Mathews Lois M. Miles Jessie J. Kille Mathew Lawrence Warren Lincoln E. L. McKenna Howard Mathews Lois M. Miles Jessie F. Miller M. L. Nebel D. F. Pasmore Karr Parker N. L. Partridge P. A. Paulson S. H. Ray H. P. Reeves O. P. Schinnerer Mildred C. Seyster W. A. Shewhart	do	25
3367	do	H. P. Reeves	do	. 25
3368	do	O. P. Schinnerer	do	25
3369	do	Mildred C. Seyster	do	25
			1 4	25

<sup>\*</sup> Canceled.

0.	Date.	To whom.	For what.	Amou
	1913.	Thekla M. Siebens R. S. Smith W. E. Stevens C. N. Stokes. W. W. Sullivan Margaret K. Thellen Edna A. Thoreen. Mabel E. Thorne A. S. Wilbug. W. H. Wilson H. C. Wolf. W. S. Wolfe. R. W. Brown W. E. Carroll F. E. Clark J. L. Conel S. P. Farwell S. P. Farwell S. P. Farker Elizabeth M. Gittins J. E. Gutberlet O. E. Harder E. O. Heuse. C. E. Holley J. W. Howard Morris Johnson Morris Johnson E. A. T. Kircher P. A. Lehenbauer Wallace Macfarlane H. H. McGregor L. C. Mathewson E. B. Millard J. E. Miller A. F. Peine F. A. Russell J. E. Miller A. F. Peine F. A. Russell		
371	Sept. 29	Thekla M. Siebens	Scholarship, September, 1913	\$ 25 25
372	do	R. S. Smith	do	25
373	do	W. E. Stevens	do	25
374	do	C. N. Stokes	do	25 25 25 25
375	do	W. W. Sullivan	do	25
376	do	Margaret K. Theilen	do	25
377	do	Edna A. Thoreen	do	25 25
378	do	Mabel E. Thorne	do	25
379	do	A. S. Wilbur	do	25
380	do	W. H. Wilson	do	25 25 25 35
381	do	H. C. Wolf	do	25
382	do	W.S. Wolfe	do	25
383	do	R. W. Brown	Fellowship, September, 1913	35
384	do	W. E. Carroll	do	40 35
385	do	F. E. Clark	do	35
386	do	J. L. Conel	do	35
387	do	S. P. Farwell	do	35 40
388	do	S. B. Fracker	do	35 30
389	do	Elizabeth M. Gittins	do	30
390	do	J. E. Gutberlet	do	40 30 40
391	do	O. E. Harder	do	30
392	do	E. O. Heuse.	do	40
393	do	C. E. Holley	do	38
394	do	J. W. Howard	do	30
395	do	Morris Johnson	do	30 40 40 35 40
396	do	E. A. T. Kircher	do	40
397	do	P. A. Lehenbauer	do	40
398	do	Wallace Macfarlane	do	35
399	do	H. H. McGregor	do	38
100	do	L. C. Mathewson	do	40
401	do	E. B. Millard	do	40
402	do	J. E. Miller	do	38
403	do	A. F. Peine	do	35 35
104	do	F. A. Russell	do	38
105	do	Lily B. Voegelein	do	30
106	do	Minnie E. Watson	do	38
407	do	Quincy Wright	do	30
408	do	F. A. Wyatt	do	30 31 30 31
409	Sept. 30	L. C. Mathewson E. B. Millard J. E. Miller A. F. Peine F. A. Russell Lily B. Voegelein Minnie E. Watson Quincy Wright F. A. Wyatt E. F. Lyon John Englehardt	Dairy products furnished depart-	
			ment of dairy husbandry	1
410	do	John Englehardt	do	
411	do	Ralph Smith	do	1( 2
412	do	J. M. Stickrod	do	10
413	do	G. M. Seeber	do	1 8
414	do	J. E. Henderson	do	
415	do	C. Allen	do	
416	do	Geo. Schiff	do	
417	do	W. L. Davis	do	
418	do	I. T. Webb.	do	١ :
419	do	G. C. Cochran	.do	
420	do	A. Kroner	do	1
421	do	C. I. Gillesnie	do	1
422	do	F. S. Umbanhowar	do	
423	do	T F Jordan	do	
124	do	F. A. Wyatt E. F. Lyon John Englehardt. Ralph Smith J. M. Stickrod. G. M. Seeber J. E. Henderson C. Allen Geo. Schiff W. L. Davis I. T. Webb G. C. Cochran A. Kroner C. J. Gillespie F. S. Umbanhowar T. F. Jordan Frank Knox B. Jordan C. Ross F. C. Stevenson J. Ingleman L. F. Blaleschscki J. P. Yeazel Andrew Shields I. W. Maxwell L. J. Towne. W. E. Womacks W. F. Hampton C. C. Gordon D. S. Mellpress	do	1 3
425	do	B. Jordan	do	1
126	do	C. Boss	do	
127	do	F. C. Stevenson	do	1 3
128	do	I. Ingleman	do	]
129	do	I. F. Bialeschschi	do	1 .
1 <u>3</u> 0	L.do	J. P. Yeazel		
(31	do	Andrew Shields	do	
132	- do	T. W. Maxwell	do	
$\tilde{33}$	ldo	L. J. Towne	Salary, August, 1913	150
134	do	W E Womacks	Dairy products furnished depart-	
		1	ment of dairy husbandry	į s
435	do	W F Hampton	do	2
100	do	C. C. Gordon	do	1 3
	do	R S McInness	1 do	1 1
137	do	Lon Creiger	do	1 6
130 137 139	J	E A Smith	do	;
437 438 430	l do	I F Hov	do	1
437 438 439	do		do.	:
437 438 439 440	do	H C Kaufman		1 :
437 438 439 440 441	do	H. C. Kaufman	do	
437 438 439 440 441 442	do do	H. C. Kaufman. L. F. Lindsey.	do	
437 438 439 440 441 442	dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	H. C. Kaufman L. F. Lindsey D. B. White	do	
437 438 439 440 441 442 443	dododododododo	H. C. Kaufman L. F. Lindsey D. B. White Fred Krukewitt.	. do	į
437 438 439 440 441 442 443	do do do do do	H. C. Kaniman. L. F. Lindsey. D. B. White. Fred Krukewitt. Frank Hetro.	.do	(
437 438 439 440 441 442 443 444 445	do	W. F. Hampton C. C. Gordon R. S. McInness Lou Creiger E. A. Smith J. F. Hoy H. C. Kaniman L. F. Lindsey D, B. White Fred Krukewitt Frank Hetro Pearl Hazen Daniel Hahn	do do do do	{ ( 2

3448 3449 3450	1913.			ł
3449 3450	1915.	W. E. Younts.  J. H. Umbanhowar Nicholas Hahn John Rueb E. M. Frankenberg Z. Alsip Van Carter E. R. Canady F. W. Howell M. Leigh P. J. Wagner Geo. Osborn F. H. Busey True Drennan A. W. McJilton T. H. Richardson C. J. VonHolten T. Lyons	Doing products furnished deport	+ * * *
3449 3450	Sept. 30	w.E. rounds	ment of dairy products	8 4
3450	do	I H Umbanhower	do	\$ 4 5 6
	do	Nicholas Hahn	do	6
3451	do	John Rush	do	4
3452	do	E M Frankenhere	do	2 5 3 3 2 8 6
3453	do	Z Alsin	do	5
3454	do	Van Carter	do	3
3455	do	E R Canady	do	3
3456	do	F. W. Howell	do	· ž
3457	.do	M. Leigh	_do	8
3458	do	P. J. Wagner	do	6
3459	do	Geo. Osborn	do	5
3460	do	F. H. Busev	do	5 4 4
3461	do	True Drennan	do	4
3462	do	A. W. McJilton	do	4
3463	do	T. H. Richardson	do	4
3464	do	C. J. VonHolten	do	4
3465	do	T. Lyons	Wages, September, 1913	4 9
3466	do	W. W. Trimble	dö	11 4 6 117 61 693
3467	do	Nathan Meltz	do	4
3468	do	C. G. Bond	do	. 6
3469	do	Samuel Campbell.	Tiling	117
3470	do	A. W. McJilton T. H. Richardson C. J. VonHolten T. Lyons W. W. Trimble Nathan Meltz C. G. Bond Samuel Campbell Roy Chalres The Burr Co Karl W. Hiersemann Ernst Hertzberg & Sons G. W. Sheldon & Co G. E. Stechert & Co R. A. Lumsden	do	61
3471	do	The Burr Co	Steel	2
3472	do	The Burr Co.  Karl W. Hiersemann.  Ernst Hertzberg & Sons.  G. W. Sheldon & Co.  G. E. Stechert & Co.  R. A. Lumsden.	Books	693
3473	do	Ernst Hertzberg & Sons	Bookbinding	4
3474	do	G. W. Sheldon & Co	Duty, etc	25 69
3475	do	G. E. Stechert & Co	Books	69
3476	do	R. A. Lumsden	Dairy products furnished depart-	1
		R. T. Lumsden John Weiss W. H. Webb Cora Stacker S. Atchison John McCullough Robert Graham The Wabash R. R. Co C., C., C. & St. L. Ry. Co Jas. F. Umpleby Stipes & Hecker Barnhart Bros A. E. Keys	ment of dairy husbandry	1
3477	do	R. T. Lumsden	do	1 3 17 1
3478	do	John Weiss	do	17
3479	do	W. H. Webb	do	1
3480	do	Cora Stacker	do	31
3481	do	S. Atchison	do	4
3482	do	John McCullough	do	31
3483	do	Robert Graham	do	14
3484	Oct. 2	The Wabash R. R. Co	Freight	14
3485	do	C., C., C. & St. L. Ry. Co	do	1
3486	Sept. 30	Jas. F. Umpleby	Concrete fence posts	203
3487	do	Stipes & Hecker	Gravel, sand, cement	203 49
3488	ao	Barnhart Bros	Staples	1 1
3489	qo	A. E. Keys	Payment on contract	229
3490	do	A. E. Keys. O. M. Allyn Mart Watterson	Traveling expenses	12
3491	Oct. 3	Mart Watterson	Dairy products jurnished depart-	
		III II II	ment of dairy nuspandry	1 3
3492	ao	W. H. Frame	do	4
0493		Mart Watterson.  W. H. Frame Geo. Schiff. A. R. Grindley H. I. Nelson. G. M. Seeber. C. J. Gillespie.  Wm. Leischner C. A. Fogel. C. Ross. B. Jordan T. F. Jordan T. F. Jordan J. A. Daeger. J. D. Perham AndrewShields C. E. Smoot. L. F. Bialeschski English Bros., Contractors A. E. Keys, Contractor Riechoff Bakery G. E. Stechert & Co. Dodd, Mead & Co. Institution of Mining and Metallurgy. John Wiley & Sons. R. C. Wagner & Son George W. Medley Tower Mig. & Novelty Co. Twin City Bindery & Blank Book Co. C. H. Blackall. The Cleveland Grain Co. L. E. Knorr. A. C. Speedie.	Freightdo .do .do .concrete fence posts .Gravel, sand, cement .Staples . Payment on contract .Traveling expenses .Dairy products furnished department of dairy husbandrydo .do .do .do .do	3
3494		A. K. Gringley	00	2 4 4 4 5 8 4 4 6 6 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6
9400	uo	C. M. Coober	uo	1 /9
0490		G. T. Gillegrie	uu	. 4
049/		U. J. GHIESPIE		4
2498		WIII. Leischner	uo	5
9500	uo	C. Dogg	uo	3
9500		D. Tordon	do	4
9200T		D. Jordan	do	ا ا
2502	uo	I. F. JOIUAII	do.	5
2504	uo	J. A. Daeger	do	1 4
250-	uo	AndrowShiolds	do	8
3506	do	C. E. Smoot	do	
3507	uo	T. F Biologobelzi	do	
3500	do	English Bros Contractors	Ruilding contract	22 016
3500	uo	A F Vove Contractor	Droing COHMACE	22, 016 461
2510	do	Dischoff Rekery	Colzac	1 401
2511	uo	G F Stochart & Co	Rooks	101
3510	uo	Dodd Mood & Co	do	104
2512	do	Institution of Mining and Motalluran	.do .do Library supplies Grading Field expenses Office supplies Printing ' Services as architect Grain Traveling expenses Labor .do	104 76 2 4 76 176
0010	uo	Toba Wilow & Sone	Library cumplice	1 "
2515	uo	P C Wagner & Son	Grading	1 3
251e		Coorgo W. Modley	Field avnances	70
3212	uv	Tower Mfg. & Newsley Co.	Office cumplies	177
2510	uo	Twin City Pindowy & Plant Post Co	Drinting 6	176
2510	uo	T WILL OLLY DILIQUELY & DISTR DOOK CO	Carriage of architect	000
991A		The Clevelend Crein Co	Croin	962 1, 062
2020	00	I III CIEVEIANG GIAIN CO	Crauling ornances	1,002
		L. E. Knorr A. C. Speedie Chas. Gundlock	Taken expenses	10
3521		A. U. Speedie	LINUUT	15 16

## ${\tt GENERAL~UNIVERSITY~VOUCHERS--\it Continued.}$

No.	Date.	To whom.	For what.	Amou
	1913.			
3524	Oct. 3	A. Bevis	Labor	\$ 85 12 558
3525	do	W. R. Bradley & Co	Ice cream	12
3526	Oct. 4	O. E. Staples, Bursar	Rebates	558
3527	do	O. E. Staples, Bursar	Express	13
3528	do	Ellen M. Henrotin	Expenses	13
3529	Oct. 6	A. Bevis. W. R. Bradley & Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Ellen M. Henrotin H. C. Kaufman T. P. Lyons L. F. Lindsey R. T. Lumsden W. F. Hampton Lou Creiger John Godsell David Wilkin A. J. Putscher O. W. Hampton W. J. Wilson G. H. Spencer J. H. Umbanhowar M. Cherry W. D. Rohl Grant Freeman Geo. Osborn John Rueb J. B. Marsh Ed. Heppe E. R. Canady L. G. Van Buskirk J. F. Hubbard R. H. Brewer Wm. Case H. Cherry Frank Knox W. E. Satterfield W. E. Heyer F. H. Busey C. W. Pfeister L. W. Davis John Willsey W. T. Hobeson Frances Garwood Elizabeth H. Cass Mary E. Love Hazel Y. Shaw H. J. Vanderbeek Lillian Strong W. L. Burlison C. R. Newell W. A. Manuel C. L. Stewart David Thompson B. F. Lamb J. J. Gardner Nelle E. Branch John Breddus Glen Christy J. G. Eppinger Malbert A. Grann G. W. Spindler Waller G. R. Newell W. A. Manuel C. L. Stewart David Thompson B. F. Lamb J. J. Gardner Nelle E. Branch John Breddus Glen Christy J. G. Eppinger Mable H. Gibson Katherine S. Oaks R. L. Borger L. T. Jones Margarert V. Cobb F. B. Hanson G. W. Spindler Walker & Mulliken P. Adams Scientific Materials Co Otis Elevator Co Stipes & Hecker The Burr Co O. Kircher	Dairy products furnished depart- ment of dairy husbandry	
3530	do	T. P. Lyons.	do	8
3531	do	L. F. Lindsey	do	
3532	do	R. T. Lumsden	do	
3533	do	W. F. Hampton	do	2
3534	do	Lou Creiger	do	4
3535	do	John Godsell	do	:
3536	do	David Wilkin	do	
3537	do	A. J. Putscher	do	
3538	do	O. W. Hampton	do	
3539	do	W.J. Wuson	do	1
3540	qo	G. H. Spencer	do	
3541	do	J. H. Umbanhowar	do	
3542	qo	M. Unerry		
3543	on	W. D. KOII		
3544	op	Grant Freeman		1 :
2540	ao	Tohn Push	ao	:
2547	uo	T P Moreh	do	:
2540	uo	J. D. Marsii	do	:
2540	do	E B Conody	uo	:
2550	do	L. G. Von Buglrigh	do	
2551	do	T T Tubbord	do	1
3553	do	D H Brower	do	:
3553	do	Wm Casa	do	
3554	do	H Cherry	do	
3555	do	Frank Knov	do	
3556	do	W E Satterfield	do	
3557	do	W E Hever	do	
3558	do	F H Busay	do	:
3559	do	C. W. Pfeister	do	'
3560	do	L. W. Davis	do	
3561	do	John Willsey	do	١.
3562	do	W. T. Hobeson	do	
3563	do	Earl Myler	do	١.
3564	do	G. W. Člark	do	
3565	do	E. R. Math	Salary, July, August, September	28: 5:
3566	do	Frances Garwood	Salary, September, 1913	5
3567	do	Elizabeth H. Cass	do	3 2
3568	do	Mary E. Love	do	2
3569	do	Hazel Y. Shaw	do	2
3570	do	H. J. Vanderbeek	do	6
3571	do	Lillian Strong	do	5
3572	do	W. L. Burlison	do	11
3573	do	C. R. Clark	do	16
3574	do	W. C. Titcomb	do	17
3575	do	C. R. Newell	do	. 8
3576	do	W. A. Manuel	do	3
3577	ao	C. L. Stewart	ao	7
3578	ao	David Thompson	ao	4
3579	qo	D. F. Lamp		2
3580	ao	J. J. Gardner	do	10
2081		Toba Proddus	uo	3
2502	uo	Clan Christy	do	
2504	uo	T G Engineer	do.	. 1.
3505	uo	Mahla H. Gibson	do	1
3596		Katherine S Oaks	do	7
3527	do	R L Borger	do	12
3588	do	L T Iones	do	9
3580	do	Margaret V. Cobb	do	3
3500	do	F. B. Hanson	do	6
3501	do	G. W. Spindler	do	5
3592	Oct. 7	Williams Patent Crusher & Pulverizer	T - 1	10
3502	do.	Walker & Mulliken	Laboratory apparatus	12
3504	uo	P Adams	Live stock	2
350#	do	Scientific Materials Co	Lehoratory apparatus	30 10
3506	do	Otis Elavator Co	Payment on contract	30
3507	do	P. Adams Scientific Materials Co. Otis Elevator Co. Stipes & Hecker The Burr Co. O. Kircher	General sunnlies	%
	uu	Durbon or Troopen	T -1 town pures	2 7
3509	do	The Burr Co		

<sup>\*</sup> Canceled.

۱o.	Date.	To whom.	For what.	Amour
	1913.			
3600	Oct. 7	B. F. Sides. George E. Frazer. M. W. Busey. Arthur Phillips. D. R. Lee. Geo. E. Amsbary Co. G. M. Seeber.	Feeding supplies	\$252
3601	do	George E. Frazer	Traveling expenses	33
3602	do	M. W. Busey	Clerical assistance	150
3603	do	Arthur Phillips	Baled straw	19 133 51
3604	do	D. R. Lee	Labor	133
3605	do	Geo. E. Amsbary Co	W neat pran	- 51
3000	ao	G. M. Seeder	Dairy products turnished depart-	
2607	م تد	Dalah Garith	ment of dairy nusbandry	5
00U1	00	Kaiph Smith		9
2000	100	J. M. SUCKIOL	100	9
2008		E. F. Lyons		3
2611 2010	do	G 4 12		3 1 3 1 7
2610		U. Allen		I
3012 2012	ao	J. E. Henderson		3
3013	ao	C. W. Hamm	do	] 1
3014	ao	C. J. Gillespie	do	1 7
3010	ao	D. S. Herriott	do	4
3616	do	S. T. Carter	do	3
3617	do	B. Jordan	do	6
3618	do	T. F. Jordan	do	9
3619	do	C. Ross	do	4
5020	ηαο	м.т. Davis		3 6 9 4 4 3 5
3621	do	E. L. Martin	ao	) 3
3522	do	G. M. Seeber  Ralph Smith. J. M. Stickrod. E. F. Lyons. Geo. Schiff C. Allen. J. E. Henderson. C. W. Hamm. C. J. Gillespie. D. S. Herriott. S. T. Carter B. Jordan. T. F. Jordan. C. Ross. W. L. Davis. E. L. Martin. J. C. Shrock. O. A. Foster I. W. Maxwell. Prof. I. O. Baker. Pantagraph Printing & Stationery Co.	ao	5
3623	do	U. A. Foster	ao	4
3624	ao	I. W. Maxwell	ao	6
3625	do	Prof. I. O. Baker	Clerical assistant	379
3626	do	Pantagraph Printing & Stationery Co	Printing	379
3627	Oct. 9	H. C. Kaulman	Dairy products furnished depart-	
		l ·	ment of dairy husbandry	3
3628	do	J. F. Hoy	ao	3
3629	do	E. Grove	do	4
3630	do	Lou Creiger	do	44 44 21 22 11 22 11 25 24 67 79 63 36
3631	do	W. F. Hampton	{do	2
3632	do	E. A. Smith	do:	1
3633	do	R. A. Lumsden	do.,	2
3634	do	R. S. McInness	. do	1
3635	do	C. C. Gordon	do	2
3636	do	R. T. Lumsden	do	1
3637	/ do	A. J. Putscher	. do	1
3638	3 do	L. F. Lindsey	. do	2
3639	)do	J. J. Cender	. do	5
3640	) do	Jno. Englehardt	. do	2
3641	l do	Z. Alsip	. do	4
3642	2 do	Joseph Mounts	. do	6
3643	3 do	Pearl Hazen	. do	7
3644	do	F. S. Umbanhowar	. do	8
3645	do	W. E. Yount	do	1. 6
3646	6 do	C. A. Fogel	do	3
3647	/ do	T. M. Ghere	do	. 8
3648	3 do	P. J. Wagner	do	6
3649	do	E. R. Canady	. do	€
3650	do	W. D. Rohl	. do	. 4
3651	կdo	Frank Knox	. do	1
3652	3 do	A. G. Krukewitt	. do	
3653	3 do	I. W. Maxwell. Prof. I. O. Baker Pantagraph Printing & Stationery Co. H. C. Kaufman  J. F. Hoy E. Grove Lou Creiger W. F. Hampton E. A. Smith R. A. Lumsden R. S. McInness C. C. Gordon R. T. Lumsden A. J. Putscher L. F. Lindsey J. J. Cender Jno. Englehardt Z. Alsip Joseph Mounts Pearl Hazen F. S. Umbanhowar W. E. Yount C. A. Fogel T. M. Ghere P. J. Wagner E. R. Canady W. D. Rohl Frank Knox A. G. Krukewitt John Rueb W. E. Woomacks	. do	1 8
3654	do	W. E. Womacks	. do	2
3655	do	Nicholas Hahn	. do	€
3656	do	D. B. White	. do	.  €
3657	/ do	Louie Wienke	. do	:
3658	3 do	Frank Hetro	. do	{
3659	do	M. Leigh	. do	
3660	do	Andrew Eckblaw	do	
3661	do	F. H. Busey	. do	
3662	do	IJ. P. Yeazel	. do	. 4
3663	3 do	Geo. Osborn	. do	.  4
3664	ldo	Van Carter	.]do	. 4
3665	do	Andrew Shields	. do	
3666	do	Wm. Leischner	. do	
3667	/ do	John Ingleman	. do	.1 .
3668	3 do	T. H. Richardson	do	.] :
3669	)do	W. W. Myers	. do	
3670	)do	Frank Knox A. G. Krukewitt John Rueb W. E. Womacks Nicholas Hahn D. B. White Louie Wienke Frank Hetro M. Leigh Andrew Eckblaw F. H. Busey J. P. Yeazel Geo. Osborn Van Carter Andrew Shields Wm. Leischner John Ingleman T. H. Richardson W. W. Myers Percy Ash D. F. McFarland O. H. Moore F. C. Loring F. B. Hanson Maud Parsons H. M. Cassiday	Salary, September, 1913	208
367	l do	D. F. McFarland.	. do	166
3679	2do	O. H. Moore	Salary, part of Sentember, 1913	20
3673	3 do	F. C. Loring	Salary, September, 1913	20 130
3674	1 . do	F. B. Hanson	1.do	10
367	5 do	Mand Parsons	do	110
OCH!	do	H M Cassiday	do	116
			-;	

To.	Date.	To whom.	For what.	Amou
	1913.	E. O. Fontaine C. L. Harlan A. R. Seymour H. F. Lewis. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Bursar O. E. Staples, Bursar O. E. Staples, Bursar Williams Bros., Contractors. Burroughs Adding Machine Co. Alexander Lumber Co. T. P. Lyon J. M. Stickrod Feerl Muler		
3677	Oct. 9	E. O. Fontaine	Salary, September, 1913	<b>\$</b> 5
3678	do	C. L. Harlan	do	50
8679	do	A. R. Seymour	do	166
3680	do	H. F. Lewis	do	56 566
3681	do	O. E. Staples, Bursar	Students paid in cash	566
8682	do	O. E. Staples, Bursar	Rebates paid in cash	40
3683	do	O. E. Staples, Bursar	Sundry bills paid in cash	96
3684	do	O. E. Staples, Bursar	Temporary labor paid in cash	445 370 25 11
3685	Oct. 10	Williams Bros., Contractors	Payment of contract	370
3686	do	Burroughs Adding Machine Co	Repairs	2
3687	do	Alexander Lumber Co	Lumber	13
3688	Oct. 11	T. P. Lyon	Dairy products furnished depart-	
			ment of dairy husbandry	
689	do	J. M. Stickrod	do	
690	do	Earl Myler	do	
691	do	David Wilkin	do	
692	do	Lou Creiger	do	
693	do	E. Grove	do	4
3694	do	H. C. Kaufman	do	2
3695	do	O. W. Hampton	do	:
3696	do	J. F. Hoy	do	
3697	do	James Freeman	do	
8698	do	F. W. Howell	do	:
699	do	Alexander Lumber Co. T. P. Lyon J. M. Stickrod. Earl Myler. David Wilkin Lou Creiger B. Grove. H. C. Kaufman O. W. Hampton J. F. Hoy. James Freeman F. W. Howell J. H. Umbanhowar Geo. Osborn Wm. Case J. F. Hubbard W. D. Rohl L. G. VanBuskirk Ed. Heppe Frank Hetro J. H. Rutan E. R. Canady David Hahn C. W. Pfeister F. H. Busey C. J. Gillespie I. W. Maxwell Jno Willsey W. T. Hobeson G. W. Clark W. H. Frame John Godsell Mart Watterson Geo. Schiff A. R. Grindley C. Ross T. F. Jordan B. Jordan Andrew Shields G. C. Cochran J. M. Herriott C. A. Fogel C. J. Vane Cleveland Grain Co. M. L. Nebel J. R. Wells J. R. Wells T. E. Laying James Hutchinson W. A. Chase T. F. Laying James Hutchinson W. A. Chase T. R. Ball A. C. Willard S. D. Marquis	do	111
700	do	Geo. Osborn	do	
701	do	Wm. Case	do	;
702	do	J. F. Hubbard	do	:
703	do	W. D. Rohl	do	
704	do	L. G. VanBuskirk	do	
705	do	Ed. Heppe	do	
706	do	Frank Hetro	do	
707	do	J. H. Rutan	do	:
708	do	E. R. Canady	do	(
709	do	David Hahn	do	
710	do	C. W. Pfeister	do	
3711	do	F. H. Busey	do	
3712	do	C. J. Gillespie	do	
3713	do	I. W. Maxwell	do	
3714	do	Jno Willsev	do	· .
3715	do	W. T. Hobeson	do	
3716	do	G. W. Clark	do	
3717	do	W. H. Frame	do	
3718	do	John Godsell	do	:
3719	do	Mart Watterson	do	
3720	do	Geo. Schiff	do	:
3721	do	A. R. Grindley	do	:
3722	do	C. Ross	do	
3723	do	T. F. Jordan	do	'
3724	do	B. Jordan	do	
3725	do	Andrew Shields	do	
726	do	G. C. Cochran	do	( )
727	do	J. M. Herriott	do	
728	do	C. A. Fogel	do	
729	do	C. J. Vonholten	do	
730	Oct. 13	R. J. Stone	Ewes	11
731	Oct. 14	Cleveland Grain Co	Oats	63 5
732	do	M. L. Nebel	Salary, September, 1913	5
733	do	J. R. Wells	do	8 6 10 20
734	do	T. E. Laying	do	_6
735	do	James Hutchinson	do	10
736	do	W. A. Chase	do	20
737	do	T. R. Ball	do	20
738	do	A. C. Willard	do	20
739	do	S. D. Marquis	do	_3
740	do	C. R. Richards	Salary, July and August, 1913	30 12 80 20
741	do	Laura B. Evans	Expenses	8
742	do	Florence Elinor Watson	do	2:
3743	do	John R. Trevett	do	
3744	do	J. P. Mason	do	30
3745	do	W. J. Carmichael	do	
3746	do	J. L. Edmonds	do	2 5
3747	do	U.S. Watkins	do	5
3748	do	J. E. Henderson	Dairy products furnished depart-	
	_	R. J. Stone Cleveland Grain Co. M. L. Nebel: J. R. Wells. T. E. Laying. James Hutchinson W. A. Chase. T. R. Ball. A. C. Willard. S. D. Marquis. C. R. Richards. Laura B. Evans. Florence Elinor Watson John R. Trevett J. P. Mason. W. J. Carmichael J. L. Edmonds. O.S. Watkins J. E. Henderson Ralph Smith G. M. Seeber George Schiff C. Ross. B. Jordan	ment of dairy husbandry	:
3749	do	Ralph Smith	do	: 2
3750	do	G. M. Seeber	do	
3751	do	George Schiff	do	: 4 4 4
	o h	C Ross	I do	
3752				

о.	Date.	To whom.	For what.	Amou
	1913.	m 77 7 1		
3754	Oct. 14	T. F. Jordan  Frank Knox C. J. Gillespie C. A. Fogel Lou Davis	ment of dairy husbandry	\$ 8
3755	do	Frank Knox	.do.	\$ 8 5
3756	do	C. J. Gillespie	do	
3757	do	C. A. Fogel	do	3 5 3 5
3758	do	Lou Davis	do	5
3789 3780	do	T A Daggar	do	<i>5</i>
3761	do	C., C., C. & St. L. R. R. Co	Freight	3
3762	do	Wabash R. R.	do	3 43 31
3763	do	C., C., C. & St. L. R. R. Co	do	31
3764	do	Illinois Central R. R. Co	do	32
3700 3766	ao	Wabash Ry. Co	do	41 40
3767	do	Wahash Ry. Co	-do-	36
3768	do	M. E. Jahr	Salary, September, 1913	140
3769	do	Beatrice E. Dean	Loan	140 150 150
3770	do	John Thompson Austen	do	150
3771	Oct. 15	Florence E. Watson	Expenses	26
3772	do	W. K. Bradley Co	tee cream	13 650 17
277A	uo	George E. Frezer	Expanses	00U
775	do	Gus Johnson	Flowers	- 5
3776	do	C. A. Fogel Lou Davis W. E. Heyer J. A. Daeger C., C., C. & St. L. R. R. Co Wabash R. R. C., C., C. & St. L. R. R. Co Illinois Central R. R. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. R. Co Wabash R. R. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. R. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. Co Wabash R. Y. C	Goals	3
3777	do	Hunter Rourke & Co	Lumber	3 7
3778	do	The Watson-Stillman Co	Press	350
3779	do	Urbana & Champaign Gas & Electric Co.	Range	60
3780	do	Mittendori & Kiler	Snades	23 241
701		F A Smith	Dairy products furnished depart-	241
1102		D. A. Dilliul	ment of dairy husbandry	4
3783	do	J. F. Hoy H. I. Nelson	do	Ž
3784	do	H. I. Nelson	do	4 2 5 2
3785	do	E. F. Lyon	do	2
3786	do	W. W. Meyer		1
700	ao	W. F. Hampton	do	1
3789	do	E Grove	do	4 4 4 3
3790	do	Lou Creiger	do	$\hat{4}$
3791	do	L. F. Lindsey	do	3
3792	do	H. C. Kaufman	do	. 2
3793	do	C. C. Gordon	do	. 2
3794	do	K. S. McInness	do	1,
1796 1796	do	D R White	do	1 7 7
797	do	Fred Krukewitt	do	5 8 4 4
3798	do	M. Leigh	do	8
799	do	Wm. Leischner	do	4
800	do	Pearl Hazen	do	4
801	do	W. J. Wilson	do	3 5
802	do	Ebh Leigh	do	3
804	do	Grant Freeman	do	3
805	do	W. E. Satterfield	do	5
806	do	R. H. Brewer	do	3 12
807	do	E. R. Canady	do	12
808	do	Earl J. Peters	do	. 4
210	do	Nicholas Hahn	-do	5 5 3
811	do	J. B. Marsh	do	3
$\tilde{812}$	do	Elmer Whole	do	4
813	do	John Rueb	do	3
814	do	Van Carter	do	7
815	do	F. H. Busey		. 3
217	uo	T C Shrock	do	4
212	do	J. H. Richardson	.do	4
819	do	I. W. Maxwell	do	4
820	Oct. 16	W. M. Wilson	Salary, September, 1913	183 208
821	do	J. I. Parcel	do	208
822	do	L. E. Young	do	15
0023	ao	W. W. UOII	do	190
1024 1225	uo	N. Hav	Expenses	30 120 5 32
3826	do	R. E. Augustus	Testing	32
3827	do	J. F. Hoy H. I. Nelson. E. F. Lyon W. W. Meyer R. A. Lumsden. W. E. Hampton E. Grove. Lou Creiger L. F. Lindsey. H. C. Kaufman C. C. Gordon R. S. McInness G. H. Spencer D. B. White. Fred Krukewitt M. Leigh Wm. Leischner Pearl Hazen. W. J. Wilson Geo. Osborn. Ebb Leigh. Grant Freeman W. J. Wilson Geo. Osborn. W. E. Satterfield R. H. Brewer E. R. Canady Earl J. Peters P. J. Wagner Nicholas Hahn J. B. Marsh Elmer Whole John Rueb. Van Carter F. H. Busey. W. L. Davis J. C. Shrock J. H. Richardson I. W. M. Wilson J. I. Richardson I. W. Maxwell W. M. Wilson J. J. Proces J. J. C. Shrock J. H. Richardson I. W. Maxwell W. M. Wilson J. I. Parcel L. E. Young W. W. Cort R. N. Fargo N. Hay R. E. Augustus S. Collins O. S. Coffin	Dairy products furnished depart-	
		O. S. Coffin	ment of dairy husbandry	3
1000	46	O S Coffin	do	1

<sup>\*</sup> Canceled.

٧o.	Date.	To whom.	For what.	Amou
	1913.			
3829	Oct. 16	A. J. Spohn	Dairy products furnished depart-	\$ 9
3830	do	J. Stovering	do	6
3831	do	Wm. Bramstedt	do	6
3832	do	A. Burdick	do	10
3833 9934	do	Danville Creamery Co	do	l 6
3835	do	Emil Funk	do	97
3836	do	H. E. Siegman	.do	19
3837	do	P. Damgaard	do	7
3838	do	J. R. Newberry	do	9
3839 9040	do	O. W. Albright	do	3
204U	do	Geo Funderbuck	do	6
8842	do	M H Anderson	do	5
3843	do	P. J. Petersen	do	ģ
3844	do	Hawthorne Farms	do	g
3845	do	F. Szerlong	do	7
3846	do	Ava Creamery Co	do	
1847 1840	oo	A. Muler (Illinois Valley Creamery)	do	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1840 1040	do	H R Duell	do	}
3850	do	F. A. Jorgenson	do	. }
851	do	A. B. Cole & Sons.	do	ĺâ
852	do	Alexis Creamery Co	do	8
853	do	Jacksonville Creamery Co	do	. 9
8554	Oct 17	J. Stovering. Wm. Bramstedt A. Burdick Danville Creamery Co. Litchfield Creamery Co. Litchfield Creamery Co. Emil Funk H. E. Siegman P. Damgaard J. R. Newberry. O. W. Albright F. Grimm. Geo. Funderbuck M. H. Anderson. P. J. Petersen Hawthorne Farms F. Szerlong Ava Creamery Co. A. Miller (Illinois Valley Creamery) R. J. Erb H. R. Duell F. A. Jorgenson A. B. Cole & Sons Alexis Creamery Co. Jacksonville Creamery Co. George Best. S. A. Rowland C. R. Newell Frank Smith U. S. Radiator Co. A. E. Keys. Underwood Typewriter Co. Walker and Mulliken D. H. Lloyde. A. R. Grindley Mart Watterson. George Schiff	Rolongo golony Contember 1010	.
1000 1056	do. 17	C D Newell	Baiance, saiary, September, 1913.	16
1857	do	Frank Smith	Expenses	15
858	do	U. S. Radiator Co.	Supplies	338
859	do	A. E. Keys.	Sewers	117
3860	do	Underwood Typewriter Co	Supplies	36
3861	do	Walker and Mulliken	Cabinet	22
862	do	D. H. Lloyde	Bureau cards	, ,
0000	ao	A. R. Grmaley	ment of deiry hysbandry	a
3864	do	Mart Watterson	do	1 4
3865	do	Mart watterson George Schiff John Godsell W. E. Womacks H. Cherry. Andrew Shields. J. Ingleman T. F. Jordan R. Jordan	do	
3866	do	John Godsell	do	2
3867	do	W. E. Womacks	do	
3868	do	H. Cherry	do	}
2009 2070	do	T Inglemen	do	
871	do	T. F. Jordan	do	}
872	do	B. Jordan J. P. Yeazel Chas. Ross. Joseph Mounts	do	l è
873 874	do	J. P. Yeazel	do	. 4
3874	do	Chas. Ross	do	4
875	do	Joseph Mounts	do	{
876	do	D. T. Myzana		1
3877 3878	do	Andrew Ekblaw	do	
879	do	E. L. Martin	do	4
3880	do	John McCullough	do	2
881	do	Joseph Mounts O. A. Foster R. L. Myers Andrew Ekblaw E. L. Martin John McCullough I. H. Gordon S. Atchison Robt. Graham Cora Stacker John Weiss Illinois Dairy Co Frank Smith O. A. Harker Wabash R. R O. E. Staples	do	15
882	do	S. Atchison	do	] .5
883 884	do	Core Steeker	do	11
885	do	John Weiss	_do	ةً إ
886	do	Illinois Dairy Co	do	12
8887	do	Frank Smith	Expenses	l ê
8888	do	O. A. Harker	do	102
889	do	Wabash R. R.	Freight	1:000
1801 1801	ao	A C McClurg & Co	Rooks	1,098
892	do	G. E. Stechert & Co	_do	14
893	do	The Century Co	do	97
894	do	Alexander Lumber Co	Lumber	43
895	Oct. 20	W. A. Rogers	Land	2, 201
896	do	Bennett's Newspaper & Magazine Agency	Books	1
รชษ7 วอกอ	0	Monagor Engyalopedia Prittorica	Supplies	22 18 22 18 10 28 10 28 10 28 10 29 43 20 10 10 10 10 10 10 10 10 10 10 10 10 10
აგგეი იიგვ	ao	Manager, Encyclopedia Brittanica	Rooks	100
3900	do	G. E. Stechert & Co	_do	39
3901	do	Wabash R. R. O. E. Staples. A. C. McClurg & Co. G. E. Stechert & Co. The Century Co. Alexander Lumber Co. W. A. Rogers. Bennett's Newspaper & Magazine Agency Lemcke & Buechner. Manager, Encyclopedia Brittanica. A. C. McClurg & Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. Boston Book Co. Statutes Law Book Co. T. H. Flood & Co. B. E. Powell.	do	28
3902	do	Boston Book Co	do	5 32 28 10
3903	do	Statutes Law Book Co	do	26 315
3904	do	Т. H. Flood & Co	do	315
	l do	B. E. Powell	Expenses	7

lo.	Date.	To whom.	For what.	Amour
	1913.			
3906	Oct. 20	G. W. Clark. T. P. Lyons. J. M. Stickrod G. Taylor H. C. Kaufman J. F. Hoy E. Grove. Clarence Dunn David Wilkins O. W. Hampton A. Kroner. C. A. Fogel W. E. Yount Frank Hetro F. S. Umbanhowar Louie J. Wienke John Rueb D. S. Herriott J. H. Umbanhowar J. M. Herriott E. R. Canady Z. Alsip Ed. Heppe. Daniel Hahn Ebb Leigh W. D. Rohl Wm. Case J. F. Hubbard Geo. Osborn. F. H. Busey C. W. Pfiester	Dairy products furnished department of dairy husbandry	\$ 4
3907	do	T. P. Lyons	do	\$ 4 2
3908	do	J. M. Stickrod	do	9
3909	do	G. Taylor	do	9 3
3910	do	H. C. Kanfman	do	1 2
3911	do	J. F. Hov	do	ĩ
3912	do	E. Grove	do	3
3913	do	Clarence Dunn	do	3 3 4 2 5
3914	do	David Wilkins	do	4
3915	1do	O. W. Hampton	1do	2
3916	do	A. Kroner	do	5
3917	do	C. A. Fogel	do	4
3918	do	W. E. Yount	do	8
3919	do	Frank Hetro.	do	5
3920	do	F. S. Umbanhowar	do	4
3921	do	Louie J. Wienke	do	4
3922	do	John Rueb	do	3
3923	do	D. S. Herriott	do	4
3924	do	J. H. Umbanhowar	do	4
3925	do	J. M. Herriott	do	3444446644455344425323232343443
3926	do	E. R. Canady	do	6
3927	do	Z. Alsip	do	4
3928	do	Ed. Heppe	do	4
3929	do	Daniel Hahn	do	5
3930	do	Ebb Leigh	do	3
3931	do	W. D. Rohl	do	4
3932	do	Wm. Case	do	4
3933	do	J. F. Hubbard	do	2
3934	do	Geo. Osborn F. H. Busey C. W. Pfiester E. S. Hays E. M. Frankenberg T. M. Ghere Wm. Leischner J. D. Perham G. W. Miller Andrew Shields Jno. Willsey I. W. Maxwell Earl Myler Pantagraph Printing & Stationery Co.	do	5
3935	do	F. H. Busey	do	3
3936	do	C. W. Pfiester	do	2
3937	do.,	E. S. Hays	do	3
3938	do	E. M. Frankenberg	do	2
3939	do	T. M. Ghere	1do	3
3940	do	Wm. Leischner	do	4
3941	do	J. D. Perham	do	3
3942	do	G. W. Miller	. qo	4
3943	do	Andrew Shields		6
3944	do	Jno. Willsey	. do	4
3940	do	I. W. Maxwell		2
3940	αο	Earl Myler.	Games Non	170
0947	Oct. 21	Pantagraph Printing & Stationery Co	Supplies	178
2040		A. C. McClurg & Co	Duk	20
2050	do	Wobork P. D.	Expenses	1 20
2051		Wabash R. R.	do.	14 13
2020	uo	T. F. Handarson	Dairy products furnished deposit	10
0002	Juo	J. E. Henderson	ment of dairy hughandry	Ί,
3053	do	T. F Rieleschelti	do	9
3954	do	Ralph Smith	do	1 3
3955	do	Jno. Wilsey I. W. Maxwell Earl Myler Pantagraph Printing & Stationery Co. A. C. McClurg & Co. Florence E. Watson Wabash R. R. C., C., C. & St. L. R. R. J. E. Henderson L. F. Bialeschski Ralph Smith Lohn Englebardt	do	5
3956	do.	Geo. Schiff	do	,
3957	do	G. M. Seeber	do	33 33 55 77 33 44 33 35 56
3958	do	S. T. Carter	do	و ا
3959	- do	J. E. Henderson  L. F. Bialeschski. Ralph Smith John Englehardt. Geo. Schiff G. M. Seeber S. T. Carter C. A. Fogel G. C. Cochran L. G. VanBuskirk C. E. Smoot B. Jordan T. F. Jordan	do	1 4
3960	- do	G. C. Cochran	do	3
3961	do	L. G. VanBuskirk	do	3
3962	.do	C. E. Smoot	do	1 5
3963	. do	B. Jordan	do	6
3964	do	T. F. Jordan	do	j g
3965	do	C. Ross	do	3
3966	do	S. V. Mahen	do	4
3967	do	W. T. Hobeson	do	4
3968	Oct. 22	A. E. Keys	Sewers	136
3969	do	Inner Braced Furniture Co.	Furniture	136 114
3970	do	Mittendorf & Kiler	Frame	1
3971	do	C. E. Smoot. B. Jordan T. F. Jordan C. Ross. S. V. Mahen W. T. Hobeson. A. E. Keys. Inner Braced Furniture Co. Mittendorf & Kiler D. H. Lloyde. Peck & Hills Furniture Co. C. S. Crandall H. C. Kaufman	Napkins	66
3972	do	Peck & Hills Furniture Co	Furniture	66
3973	do	C. S. Crandall	Expenses	7
3974	do	H. C. Kaufman	Dairy products furnished depart-	1
			Dairy products furnished department of dairy husbandry	3
2075	1 3 -	T To Timedram	1 40	9
3976	do	David Wilkin	do	3
3977	do	J. F. Hoy	do	1
3978	do	E. A. Smith	do	5
3979	do	D. F. Initisey. David Wilkin J. F. Hoy. E. A. Smith. C. C. Gordon. R. S. McInness. G. F. Diefenbach.	do	3 3 1 5 2 1 1
3980	do	R. S. McInness	do	[ 1
	1 3 -	C F Diefenbach	l do	. 3

٠. ا	Date.	To whom.	For what.	Amour
	1913.	·		1-
3982	Oct. 22	W. D. Rohl	Dairy products furnished department of dairy husbandry	<b>\$</b> 6
3983	do	W. E. Satterfield.  John Rueb. D. B. White Jas. Freeman J. B. Marsh. E. R. Canady Nicholas Hahn P. J. Wagner Frank Knox W. E. Womacks W. J. Wilson W. E. Heyer Pearl Hazen E. L. Martin	do	\$ 643774396555244364115446334
3984 3985	do	D. B. White	do	3 7
3986	do	Jas. Freeman	do	4
3987 3088	do	J. B. Marsh	do	3
<b>39</b> 89	do	Nicholas Hahn	do	6
3990	do	P. J. Wagner	do	5
3991 3992	do	W. E. Womacks	dodo	2
3993	do	W. J. Wilson.	do	4
3994 2005	do	W. E. Heyer	do	3
3996	do	E. L. Martin	.do	4
3997	do	Geo. Osborn	do	11
3998 3999	do	F. H. Busev	.do	5 4
1000	do	Andrew Shields	do	6
1001 1001	do	L. F. BialeschskiEbb Leigh	do	3
1003	do	M. Leigh.	do	8 5
004	do	Pearl Hazen E. L. Martin Geo. Osborn. John Ingleman F. H. Busey. Andrew Shields. L. F. Bialeschski Ebb Leigh M. Leigh Elmer Whole Frank Hetro I. H. Gordon C. J. Von Holten Karl W. Hiersemann Karl W. Hiersemann Otto Harrassowitz John H. Doyle	do	5
OOS OOR	do	I. H. Gordon	do	5 4 11 4 28 1 3 7 21
007	do	C. J. VonHolten	do	4
008	Oct. 23	Karl W. Hiersemann	Books	28
010	do	Otto Harrassowitz	.do	3
011	Oct. 24	John H. Doyle	do Hardware. Books.	7
1012 1013	do	T. H. F1000 & C0	Books	21
014	do	F. C. Jorgeson & Co	Lumber	398
1015	do	Stafford Engraving Co	Supplies	
1017	do	J. P. Mason	Supplies. Clock Expenses.	35
1018	do	Karl W. Hiersemann. Karl W. Hiersemann Otto Harrassowitz John H. Doyle T. H. Flood & Co. S. E. Huff & Co F. C. Jorgeson & Co. Stafford Engraving Co. Self Winding Clock Co. J. P. Mason. Martinus Nijhoff. G. W. Sheldon & Co. G. E. Stechert & Co. Simmel & Co. Ernst Hertzberg & Sons. National Municipal League. G. W. Prutsman, Contractor G. E. Stechert & Co. Ernst Hertzberg & Sons. Alexander Hamilton Institute Mrs. Lucius McAdam A. C. McClurg & Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar A. R. Grindley  Geo. Schiff	Books	57 35 32 41
1020 1020	do	G. E. Stechert & Co	dodo	81
1021	do	Simmel & Co	do	8 3 119
1022 1023	do	Ernst Hertzberg & Sons	.do	119
1024	do	G. W. Prutsman, Contractor	Grading	2, 805 17
1025	do	G. E. Stechert & Co	Books	17
1020 1027	do	Alexander Hamilton Institute	_do	37 30
1028	do	Mrs. Lucius McAdam	do	30 20
1029 1030	do	A. C. McClurg & Co	Rebates to students	18 203 8 44
1031	do	O. E. Staples, Bursar	Express billsGeneral labor bills	
1032	do	O. E. Staples, Bursar	General labor bills	44
1000	uo	A. R. Gillidiey	Dairy products furnished department of dairy husbandry	3
1034	do	Geo. Schiff. E. Grove.	do	3 3 7 7 3 8 4 2 2 3 7
035	ao	Lou Creiger	do	7
1037	do	John Godsell	do	į
1038	do	J. M. Stickrod.	do	8
040	do	A. E. Hayes.	do	2
1041	do	J. M. Herriott	do	3
1042 1043	do	C. A. Fogel	do	4
1044	do	Frank L. Krugh	do	3 7 4 3
1045 1046	do	B. Jordan	ao	. 3
1047	do	Geo. Schill Geo. Schill Lou Creiger John Godsell J. M. Stickrod. Andrew Ekblaw A. E. Hayes. J. M. Herriott T. F. Jordan C. A. Fogel. Frank L. Krugh Chas. Ross. B. Jordan G. W. Clark O. E. Staples, Bursar Melinda L. Beyer Pantagraph Printing & Stationery Co. S. E. Huff & Co. E. F. Lyon John Englehardt	do	3
1048	Oct. 25	O. E. Staples, Bursar	Repates to students	200
1050	do	Pantagraph Printing & Stationery Co	Supplies	200 83 1, 083
4051	do	S. E. Huff & Co	Lumber	2
1002	Oct. 27	E. F. Lyon.	ment of dairy husbandry	. 4
1053	do	John Englehardt. G. Taylor H. I. Nelson. H. C. Kaufman. C. Dunn.	do	13 1
4054 4በ5ዶ	do	G. Taylor	do	
1056	do	H. C. Kaufman	do	. 5 1
4057	do.	C. Dunn		. 6

To.	Date.	To whom.	For what.	Amou
	1913.			,
<b>10</b> 58	Oct. 27	O. W. Hampton  David Wilkins T. P. Lyon D. S. Herriott William Case Andrew Ekblaw Pearl Hazen F. Krukewitt J. H. Umbanhowar F. W. Howell Ebb Leigh R. H. Brewer John Rueb E. R. Canady A. G. Krukewitt M. Cherry G. H. Spencer J. J. Cender T. H. Richardson I. W. Maxwell John Willsey W. W. Meyer W. C. Welch L. H. Gordon The Burr Co	Dairy products furnished department of dairy husbandry	١
1050		Danis William	ment of dairy husbandry	\$ 1
1060	do	David Wikins	do	2
1061	do	D. C. Transiatt	00	1 3
4080 4001		William Cose	do	4
1062	do	Andrew Ekhlew	do	4
4064	do	Pagel Hozan	do	;
1065	do	F Krijkowitt	do	}
4066	do	I H Ilmbanhowar	do	}
4067	do	F W Howell	1 do	
4068	do	Ebb Leigh	.do	3
4069	do	R. H. Brewer	do	] 3
4070	do	John Rueb	do	
4071	do	E. R. Canady	do	
4072	do	A. G. Krukewitt	do	4
4073	do	M. Cherry	do	
4074	do	G. H. Spencer	do	(
4075	do	J. J. Cender	do	{
5076	do	T. H. Richardson	do	
4077	do	I. W. Maxwell	do	1 4
4078	do	John Willsey	do	
4079	do	W. W. Meyer		1
4080	ao	W. U. Weich		'
1000 7001	do Oct. 28	I. H. Gordon	Hordwore	
4002 4002	1 do 28	T W Stines	Words	5
4000 4000	do	J. W. Stipes. E. H. Sargent & Co. Stafford Engraving Co. Bennett's Newspaper & Magazine Agency Illinois State Penitentary William Everett Britton.	Loborotory supplies	2
1085	do	Stafford Engraving Co	Supplies	4
4086	do	Bennett's Newspaper & Magazine Agency	Magazine	
4087	do	Illinois State Penitentary	Furniture	74
4088	do	William Everett Britton	Loan	20
4089	do	Alexander Cohn		200
4090	do	Ralph Smith	Dairy products furnished department of dairy husbandry	
		-	ment of dairy husbandry	:
4091	do	George Schiff John Englehardt	do	
4092	do	John Englehardt	do	1
	do			
4094	do	W. E. Heyer	do	
4095	do	T. F. Jordan	do	'
4096	do	J. M. Stickrod. W. E. Heyer. T. F. Jordan. B. Jordan. Grant Freeman. C. Ross. Frank Knox	do	
4097	do	Grant Freeman	do	
1098	do	U. ROSS	do	1
4100	3-	A 1 Cl 1.1	1	1
4100	do	Andrew Shields. O. A. Foster. W. E. Womacks. Frank Hetro R. L. Myers. W. T. Hobeson. A. G. Guard. Mart Watterson		'
4100		W. F. Womeeles		
4102	do	Frank Hatro	do	
4104	do	P I Myars	do	
4105	do	W. T. Hobeson	do	'
4106	Oct. 30	A. G. Guard	do	
$\bar{4107}$	do	Mart Watterson	do	
4108	do	R. A. Lumsden	do	1
4109	do	A. J. Putscher	do	
4110	do	L. F. Lindsey	do	
4111	do	A. G. Guard Mart Watterson R. A. Lumsden A. J. Putscher L. F. Lindsey G. F. Diefenbach E. A. Smith W. F. Hampton J. E. Henderson R. S. McInness	do	
4112	do	E. A. Smith	do	1
4113	do	W.F. Hampton	do	
4114	do	J. E. Henderson	do	Ι.
4115	do	R. S. McInness	ao	
4110	ao	David William		
4117	on	David Wilkin	00	1
4110	oo	T F How	ao	
イオフレ	do	E P Canady	do	1
412U 4191	do	IFred Elliott	do.	i '
4122	do	J. F. Hubbard	do	
4193	do	R. S. McIntess. C. C. Gordon David Wilkin. H. C. Kaufman. J. F. Hoy E. R. Canady. Fred Elliott. J. F. Hubbard Z. Alsip. Eth Laigh	do	1 :
4124	do	Ebb Leigh.	do	1 .
				1
4126	do	M. Leigh W. J. Kelly	do	
4127	do	W. McJilton H. Cherry L. F. Bialeschski	do	
4128	do	H. Cherry	do	
4129	do	L. F. Bialeschski	. do	
4100	7 ao	EQ. Heppe		1
4131	do	IP. J Wagner	. do	
4132	ldo	ID. B. White	dodo	
4133	do	W. J. Wilson	. do	1 :
		ITaka Darah	do	

То.	Date.	To whom.	For what.	Amou
4195	1913.	J. D. Pulliam.  David Hahn W. E. Yount F. H. Busey. Louie J. Wienke. F. S. Umbanhowar George Osborn Nicholas Hahn Van Carter I. W. Maxwell Jon H. Doyle. E. H. Dargent & Co. Callaghan & Co.	Doing products furnished depart	
4100	001. 30	J. D. Funiam	ment of dairy husbandry	\$ 4
4136	do	David Hahn	do	\$ 6 8 8 5 11
1137 1138	do	F. H. Busev	do	8
139	do	Louie J. Wienke	do	Ì
140	do	F. S. Umbanhowar	do	
141	do	George Osborn	do	11
143	. do	Van Carter	.do	88
144	do	I. W. Maxwell	do	. 4
145	do	Jon H. Doyle	Boiler	
140	do	Callaghan & Co	Book	09
148	do	The Lawyers Co-operative Publishing Co.	do	2
149	do	T. H. Flood & Co.	Books	20 11
150 151	Nov. 3	John H. Boylent & Co. Callaghan & Co. The Lawyers Co-operative Publishing Co. T. H. Flood & Ce. George E. Frazer. J. A. Jaeger J. Englehardt.	Dairy products furnished depart-	11
152	do	J. Englehardt	.do	5 7
$15\overline{3}$	do	W. H. Frame	do	. 3 3 7 6 2
154	do	H. I. Nelson	do	1
156 156	do	E. Grove	.do	;
157	do	Lou Creiger	do	6
158	do	A. R. Grindley	do	1
159	00	J. U. SHFOCK	do	1
161	do	B. Jordan	.do	4
162	do	J. P. Yeazel	do	4
163	do	J. M. Herriott	do	4
165	do	A Kroner	do	4
166	do	J. D. Perham.	do	4
167	do	Joseph Mounts	do	E
168	do	Andrew Ekblaw	do	5 6 3
170	do	T. F. Jordan	.do	i
171	do	W. E. Womacks	do	3
172	do	C. J. Von Holten	do	92
174	do	Will Foor	-do	23 10
$\hat{1}7\hat{5}$	do	Robt. Graham	do	ç
176	do	John Weiss	do	7
177 178	do	Clarence Dunn	do	9 7 2 6 1 3 6 2 5 5
179	do	H. C. Kaufman	do	ì
180	do	E. F. Lyon	do	. 8
181	do	J. M. Stickrod	do	6
183	do	Frank Hetro	-do	Ĺ
184	do	Geo. Osborn	do	Ē
185	do	W. E. Satterfield	do	5
187	do	E. L. Martin	do	4
188	do	J. B. Marsh	do	3
189	do	D. S. Herriott	do	4
190 191	on	Elmer Whole	do	4
192	do	E. S. Hayes	do	4
193	do	Wm. Case	do	5
194	do	reari Hazen	do	5 7 6
196	do	S. Atchison	do	6
197	do	John Willsey	do	5
198	do	H. Kichardson	@0   do	5
500	do	W. C. Welch.	do	3
201	do	I. H. Gordon	do	_6
202	Nov. 4	Julia F. Burnham Hospital	Students accounts	171
204	do	Illinois Traction System	Freight	171 115 15
2 <b>0</b> 5	do	T. H. Flood & Ce George E. Frazer J. A. Jaeger J. A. Jaeger J. Englehardt W. H. Frame H. I. Nelson George Schiff E. Grove Lou Creiger A. R. Grindley J. C. Shrock C. A. Fogel B. Jordan J. P. Yeazel J. M. Herriott W. D. Rohl A. Kroner J. D. Perham Joseph Mounts Andrew Ekblaw C. Ross T. F. Jordan W. E. Womacks C. J. Von Holten John McCullough Will Foor Robt. Graham John Weiss R. T. Lumsden Clarence Dunn H. C. Kaufman E. F. Lyon J. M. Stickhod David Wilkins Frank Hetro Geo. Osborn W. E. Satterfield Andrew Ekblaw E. L. Martin J. B. Marsh D. S. Herriott E. R. Canady Elmer Whole E. S. Hayes Wm. Case Pearl Hazen Andrew Shields S. T. Kayhen John Willsy H. Richardson John Willsy H. Richardson John Hole E. S. Hayes Wm. Case Pearl Hazen Andrew Shields S. Atchison John Willsey H. Richardson John Willsey H. Richardson S. T. Mayhen W. C. Welch I. H. Gordon Julia F. Burnham Hospital McLeean Lumber Co Illinois Traction System Geo. Schiff T. P. Lyon J. B. Bodsell	Dairy products furnished department of dairy husbandry	4
206	do	T. P. Lyon	do	2
207	do	J. L. Henderson	ao	3
209	do	Ralph Smith. J hn Godsell R. L. Myers.	do	2 3 3 3 6
010	do	R. L. Myers	do	6

No.	Date.	To whom.	For what.	Amou
	1913.			
4211	Nov. 4	Frank Krugh  W. L. Davis James Freeman C. C. Cochran C. A. Obbott Ebb Leigh W. E. Heyer T. F. Jordan B. Jordan C. Ross F. C. Stevenson R. S. Van Allen W. T. Hobeson I. W. Maxwell Pearl Cardiff L. F. Lindsey A. J. Putscher G. F. Diefenbach W. F. Hampton R. A. Lumsden A. G. Guard C. W. Hamm David Wilkins J. F. Hoy H. I. Nelson C. C. Gordon W. H. Frame H. C. Kauiman F. H. Busey Geo. Osborn J. H. Umbanhowar L. G. Van Buskirk M. Leigh E. M. Frankenburg John Ridgely R. H. Brewer John Rueb Van Carter E. R. Canady J. F. Hubbard Mary Warner E. R. Lape Frank Knox E. A. Smith G. W. Clark W. W. W. Meyer J. D. Pulliam W. E. Womacks W. J. Fister Andrew Shields George E. Frazer Little, Brown & Co.	Dairy products furnished depart- ment of dairy husbandry	<b>\$</b> 3
4212	do	W. L. Davis	do	1 5
4213	do	James Freeman	do	8
4214	do	C. Abbott	do	. 5
4216	do	Ehh Laigh		1
4217	do	W. E. Hever	_do	8
4218	do	T. F. Jordan	do	1 8
4219	do	B. Jordan	do	
4220	do	C. Ross	jdo	1 7
4221	do	F. C. Stevenson	do	8
4222	do	R. S. Van Allen	do	1
4225	do	W. T. Hobeson		
4224		Poor! Cordiff	do	1
4220	Nov 6	I. F Lindsov	do	
4227	do.	A. J. Putscher	do	1 3
4228	do	G. F. Diefenbach	-do	1 6
4229	do	W. F. Hampton	do	]
4230	do	R. A. Lumsden	do	
4231	do	A. G. Guard	do	1 .:
4232	do	C. W. Hamm	do	• 3
4233	do	David Wilkins	do	
4234	do	J. F. HOY	00	
4200	do	C C Gordon	do	1 :
4237	do	W H Frame	do	
4238	do	H. C. Kanfman	do	
4239	do	F. H. Busev	do	
4240	do	Geo. Osborn	do	
4241	do	J. H. Umbanhowar	do	1 1
4242	do	L. G. Van Buskirk	do	1
4243	do	M. Leigh	do	1 !
4244	do	E. M. Frankenburg	do	
4240		D H Proving	do	
4247	do	Tohn Rush	do	
4248	do	Van Carter	do	
5249	. do	E. R. Canady	do	
4250	do	J. F. Hubbard	do	} :
4251	do	Mary Warner	do	
4252	do	E. R. Lape	do	
4253	do	Frank Knox	do	
5254	do	E. A. Smith		
4200	do	W W Morror	do	
4200	do	T D Pulliam	do	
4259	do	W E Womacke	do	
4259	do	W. J. Wilson	do	
4260	do	D. B. White	do	1 -
4261	do	O. A. Foster	do	.) :
4262	do	Andrew_Shields	.do	1
4263	do	George E. Frazer	Traveling expenses	3
4264	do	Little, Brown & Co	Books	
4205	ao	Oniversity of Himois Supply Store	Supplies	
4200	do	The Reston Rook Co	do.	1
4207	ao	Statute Law Rook Co	uo	. 2
4260	do	Remington Typewriter Co	Typewriterdesk	4
4270	do	Stafford Engraving Co	Maps	
4271	do	Ernst Hertzberg & Sons	Books	3
4272	do	G. E. Stechert & Co	do	4
4273	do	T. H. Flood & Co	do	4
4274	do	Callaghan & Co	. do	! ;
4275	Nov. 7	Amos Wright	Wages	2
4270	on	Lioya Morey	Poom and board	1
4279	uo	C. M. McCopp	Tre veling expenses	1 .
4270	do	W I Humphrays	do	, K
4280	do	U. S. Audit Co	Expenses and services	5: 3
4281	do	D. B. White O. A. Foster Andrew Shields. George E. Frazer Little, Brown & Co. University of Illinois Supply Store. A. C. McGlurg & Co. The Boston Book Co. Statute Law Book Co. Statute Law Book Co. Statine Typewriter Co. Stafford Engraving Co. Ernst Hertzberg & Sons. G. E. Stechert & Co. T. H. Flood & Co. Callaghan & Co. Amos Wright Lloyd Morey Julia F. Burnham Hospital C. M. McConn. W. J. Humphreys U. S. Audit Co. A. R. Seymour.	-do. Expenses and services. Salary, September and October 1913.	5
4989	do.	H A Hollister	Traveling expenses	2
4283	Nov. 8	H. A. Hollister	Traveling expenses.  Dairy products furnished department of dairy husbandry.	. "
	1		ment of dairy husbandry	
4284	do	Geo. Schiff	do	1
4285	do	Geo. Schiff. A. R. Grindley. B. Jordan	do	
4000	مة الا	B. Jordan	.lđo	.1

٧o.	Date.	To whom.	For what.	Amou
	1913.			
4287	Nov. 8	C. Ross.  Frank Hetro. Pearl Hazen. C. E. Smoot. Z. Alsip. C. A. Fogel. P. J. Wagner T. F. Jordan Andrew Ekblaw. J. M. Herriott. C. J. Von Holten. E. V. Percival. O. E. Staples, Bursar O. W. Hampton.  Clarence Dunn I. H. Gordon. H. C. Kaufman.	Dairy products furnished department of dairy husbandry	
4000	do	Frank Hatro	ment of dairy husbandry	\$ 4
4200 4990	do	Pagel Hozan	do	5
4290	do	C. E. Smoot	.do	5
4291	do	Z. Alsip	do	4
1292	do	C. A. Fogel	do	5 4 7 4 7
4293	do	P. J. Wagner	do	4
4294 4905	do	Andrew Ekhlew	do	4
$\frac{1250}{4296}$	do	J. M. Herriott	ldo	4
4297	do	C. J. Von Holten	do	4
1298	do	E. V. Percival	do	1 184
1299	Nov. 10	O. E. Staples, Bursar	Rebates to students	184 43
1300	00	O. E. Staples, Bursar	Doiry products furnished deport-	43
1001		о. w. пашрюн	ment of dairy husbandry	2
1302	do	Clarence Dunn	.do	7
1303	do	I. H. Gordon	do	7
1304	do	Clarence Dunn	do	7 7 1 5
1305 1206	do	Lou Croicer	00	5
2000 1307	do	E. F. Lvon	do	4
1308	do	M. Watterson	do	4
1309	do	David Wilkins	do	2
1310	do	J. A. Koch	do	5
1311	00	H. C. Kaufman E. Grove. Lou Creiger E. F. Lyon M. Watterson David Wilkins J. A. Koch G. Freeman W. E. Womacks D. Hahn Geo. Osborn N. Hahn F. Elliott	]do	4 2 5 3 2 5
1313 1313	do	D Hohn	do	5
1314	do	Geo. Osborn	do	5
4315	do	N. Hahn	do	ĕ
<b>431</b> 6	do	F. Elliott	do	5 5 6 2
4317	do	E. S. Hayes	do	3 6 14 5 6 2 5 3 1 3 5 6 4 4
1318	do	L. J. Wlenke	do	1/4
1320 1320	do	E R Canady	do	5
4321	do	T. H. Richardson	-do	6
4322	do	W. C. Welch	do	2
4323	do	J. W. Willsey	do	5
4324	Nov. 11	Geo. Schiff	do	3
1020 1006	ao	T F Handargan	do	1 2
4320 4327	do	John Ingleman	do	5
4328	do	R. L. Myers	do	Ğ
1329	do	Andrew Ekblaw	do	4
4330	do	M. Cherry	do	4
1331	do	D. Towdon		9
1332 1333	do	C. Ross	do	5
1334	do	H. F. Ridgelev	do	3
1335	do	Jos. Mounts	do	44665 53662 7722 9422
1336	do	E. W. Heyer	do	2
1337	.,ao	Fronk Shoffer	00	. 7
1330 1999	uo	T E Jordan	do	2
1340	do	I. W. Maxwell	do	4
1341	Nov. 12	T. A. Clark	Expenses, extra police service	422
1342	do	Otis Kercher	Loan	200 26
1343	do	Florence E. Watson	Traveling expenses	26
1245	ao	Florence E. Wetson	do	16 19
1346	do	D. C. Ridgelev	.do	3
1347	do	W L. Abbott	Office expenses	10
1348	do	W. L. Abbott	Traveling expenses	13
1349	do	J. H. Doyle	Garbage pail	1
135U 1351	ao	Champaign Saed Co	Sood	1 13 1
1352	do	O. E. Staples. Bursar	Payment to Sir W. M. Ramsay on	
1353	Nov. 13	D. Hahn Geo. Osborn N. Hahn F. Elliott E. S. Hayes L. J. Wienke W. D. Rohl E. R. Canady T. H. Richardson W. C. Welch J. W. Willsey Geo. Schiff John Godsell J. E. Henderson John Ingleman R. L. Myers Andrew Ekblaw M. Cherry L. T. Webb B. Jordan C. Ross H. F. Ridgeley Jos. Mounts E. W. Heyer Fred Krukewitt Frank Sheffer T. E. Jordan L. W. Maxwell T. A. Clark Otis Kercher Florence E. Watson Mrs. Ellen M. Henrotin Florence E. Watson Mrs. Ellen M. Henrotin Florence E. Watson D. C. Ridgeley W. L. Abbott J. H. Doyle Spalding & Quirk Champaign Seed Co O. E. Staples, Bursar H. I. Nelson C. G. Gordon R. S. McInness G. F. Diefenbach	account of University lectures.  Dairy products furnished depart-	500
407.		g g g1	ment of dairy husbandry	2
1354	do	U. U. Gordon	do	2
4300 4356	ao	G F Diefenhach	00	1
≖000 4357	do	E. A. Smith	do	2 2 1 5 4 6 4 2 3
4358	do	C. C. Gordon R. S. McInness G. F. Diefenbach E. A. Smith J. M. Stickrod. W. H. Frame H. C. Kaufman Ralph Smith	do	ē
4359	do	W. H. Frame	do	4
4360	do	H. C. Kaufman	do	. 2
4361	ao	kaipn Smith	ao	1 3

Vo.	Date.	To whom.	For what.	Amou
	1913.	J. F. Hoy.  W. F. Hampton L. F. Lindsey. A. G. Krukewitt Pearl Hazen D. S. Herriott Geo. Osborn Elmer Whole E. R. Canady J. H. Umbanhowar Ebb Leigh J. D. Pulllam J. M. Herriott Jas. Freeman Frank Hetro W. E. Womacks D. B. White W. E. Yount Van Carter M. Leigh F. W. Howell		
4362	Nov. 13	J. F. Hoy	Dairy product furnished depart-	
1363	ā.	W F Hompton	ment of dairy husbandry	\$ 3 4
4364	do	L F Lindsey	do	4
4365	do	A. G. Krukewitt	do	$\bar{4}$
4366	do	Pearl Hazen	do	4 4 5
4367	do	D. S. Herriott	do	4
4368	do	Geo. Osborn	do	5
4370	do	E R Canady	do	4
4371	do	J. H. Umbanhowar	1. d0.	4
4372	do	Ebb Leigh	do	8
4373	do	J. D. Pulliam	do	4
4374	do	J. M. Herriott	do	3
4376 4376	ao	Fronk Hetro	do	5
4377	do	W. E. Womacks	do	5
4378	do	D. B. White	do	5
4379	do	W. E. Yount	do	9
4380	do	Van Carter	do	4
4381 4380	oo	F W Howell	do	. 5
4383	do	H. Cherry	_do	3
4384	do	Van Carter M. Leigh F. W. Howell H. Cherry F. L. Krugh E. R. Lape F. H. Busey I. H. Gordon W. T. Hobeson Illinois State Reformatory Karl W. Hiersemann Gustav Fock Senate Luncheon committee. N. Hay	do	3 3 6
4385	do	E. R. Lape	do	6
4386	do	F. H. Busey	do	6 7
4387	do	I. H. Gordon	do	1 1
4389	do	Illinois State Reformatory	Circulars	4 2
4390	- do	Karl W. Hiersemann	Books	14
4391	do	Gustav Fock.	do	14 126
4392	do	Senate Luncheon committee	Tickets	12 10 200
4393	do	N. Hay	Traveling expenses.	10
4394 1205	NOV. 14	Max A. Montgomery	Pro rote perment University	200
TOOU	u0	Laylor Dumber Co	Armory contract	2, 356
4396	do	Max A. Montgomery Taylor Lumber Co Stipes Cement Co	do	2,356 254 131
4397	do	R. C. Wagner & Co	do	131
4398	Nov. 15	A. C. Krey	do. Stenographic services. Supplies. . do	2
4399	do	National Engraving Co	Supplies	1 2
4400	do	C A Denman	do	325
4402	do	Karl W. Hiersemann	Books	131 2 1 23 325 4
4403	Nov. 17	Stipes Cement Co R. C. Wagner & Co. A. C. Krey National Engraving Co. W. Gaertner & Co. C. A. Denman Karl W. Hiersemann E. F. Lyon	. do . do Books Dairy products furnished depart- ment of dairy husbandrydo . do	4
4404	do	C W Homm	do	1 2
4405	do	G. Schiff	do	2
4406	do	Lou Creiger	do	7
4407	do	E. Grove	do	6
4408	do	J. Ridgeley	do	3
4409	uo	T Roub	do	2 2 7 6 3 4 2
4411	do	O. A. Foster	do	1 4
4412	do	A. Shields	do	) ē
4413	do	J. A. Daeger	do	4 6 6
4414	do	Mary Warner	do	6
4410 4416	ao	W I. Davie	do	5
4417	do	C. J. Von Holten	_do	4
$\bar{4}\bar{4}\bar{1}8$	do	C. V. Percival.	do	ĺí
4419	do	C. Dunn	do	7
4420	do	O. W. Hampton	do	3
4421 4400	do	L. P. Rayburn	do	5
4422	do	T. P. Lyon	do	4
$\frac{1}{4424}$	do	A. R. Grindley	_do	1 5
$44\overline{25}$	do	D. Wilkins	do	7 3 6 3 4 1 5 3
4426	do	J. M. Stickrod	do	4
4427	00	K. W. Brewer		3
4428 4490	o	W I Wilson	do	9
4430	do	S. T. Carter	.do	3 6 3 3 5 6 5
4431	do	C. A. Fogel	do	5
4432	do	P. J. Wagner	do	6
4433	do	G. Osborn	do	5
4434	do	F. S. Umbanhowar	do	4 4 3
4435	ao	W E Sattarfield	do	4
2200	do	L. F. Bialeschski	do	3
4436	do	G. Schiff Lou Creiger E. Grove J. Ridgeley F. Knox J. Reub O. A. Foster A. Shields J. A. Daeger Mary Warner Wm Case W. L. Davis C. J. Von Holten C. V. Percival C. Dunn O. W. Hampton L. P. Rayburn A. G. Guard T. P. Lyon A. R. Grindley D. Wilkins J. M. Stickrod R. W. J. Wilson S. T. Carter C. A. Fogel P. J. Wagner G. Osborin F. S. Umbanhowar J. B. Marsh W. E. Satterfield L. F. Bialeschski	do	

٧o.	Date.	To whom.	For what.	Amou
	1913.			
	Nov. 17	John Rueb	Dairy products furnished depart-	\$ 2
4439	do	L. G. Van Buskirk. E. R. Canady J. A. R. Koch J. F. Hubbard J. C. Shrock S. Mayhen.	do	\$ 2 4
4440	do	E. R. Canady	do	4 6
4441	do	J. A. R. Koch	do	3
4442	do	J. F. Hubbard I. C. Shrock	do	. 3
1444	do	S. Mayhen	do	5 5 4
4445	do	S. Mayhen. G. W. Clark. Pearl Cardiff. T. H. Richardson. J. R. Willsey. W. C. Welch. O. E. Staples, Bursar. J. M. Herriott.  Ralph Smith.	do	4
4446  4447	do	Pearl Cardiff	do	4
4448	do	J. R. Willsey	do	3 5 2 141
4449	do	W. C. Welch	do	Ì
4450	do	O. E. Staples, Bursar	Rebates	141
4451	Nov. 18	J. M. Herriott	Dairy products furnished depart-	
1452	do	Ralph Smith	do	3
1453	do	J. P. Yeazel	do	.10
4454	do	Geo. Hurst	do	.10
4400 4456	ao	W A Coonce	do	12
4457	do	Ralph Smith J. P. Yeazel Geo. Hurst C. Ross W. A. Coonce Ebb Leigh Geo. Schiff C. E. Kelly Andrew Ekblaw T. F. Jordan B. Jordan Ed. Heppe Lobn Ingleman	do	12 2 4 3
1458	do	Geo. Schiff	do	8
1459	do	C. E. Kelly	do	4
146U	ao	Andrew Ekblaw	00	15 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
4462	do	I. F. Jordan Ed. Heppe John Ingleman E. L. Martin W. E. Heyer I. W. Maxwell John McCullough R. T. Lumsden Cora Stacker Will Foor Robt. Graham John Weiss S. Atchison Lynn E. Knorr Rand McNally & Co. Art Metal Construction Co. J. E. Henderson.	_do	1 6
4463	do	Ed. Heppe	do	}
4464	do	John Ingleman	do	1 5
4465	do	E. L. Martin	do	}
1467	do	W. E. Heyer	do	] }
4468	do	John McCullough	_do	18
4469	do	R. T. Lumsden.	do	] ]
4470	do	Cora Stacker	do	4
44/1	do	Will Foor	do	20
4473	do	John Weiss	-do	}
4474	do	S. Atchison	do	8
4475	do	Lynn E. Knorr	Traveling expenses	251
4470	do	And McNally & Co	Books	25.
4478	Nov. 19	J. E. Henderson	.do. Traveling expenses. Books. Mail box. Dairy products furnished department of dairy husbandry.	
			ment of dairy husbandry	3
4470	do	J. F. Hoy	do	
448U 4481	ao	T. F Lindsov	do	1 :
4482	do	John Godsell	_do	
4483	do	A. J. Putscher	do	:
4484	do	R. A. Lumsden	do	1
4495 4496	do	G. F. Dielenbach		
4487	do	W. F. Hampton	do	
4488	do	C. C. Gordon	do	]. :
1489	do	J. F. Hoy. L. F. Lindsey. John Godsell A. J. Putscher R. A. Lumsden G. F. Diefenbach H. C. Kaufman W. F. Hampton C. C. Gordon E. R. Canady Guy Hobick Louie Wienke Z. Alsip	do	
4490	do	UUY HODICK	do	:
4492	do	Z. Alsin	do	1 :
1493	do	Z. Alsip Geo. Osborn Daniel <u>H</u> ahn	do	1 .
4494	do	Daniel Hahn	do	١ .
4495	do	Daniel Hahn Frank Hetro Van Carter Elmer Whole Frank Krugh J. H. Umbanhowar Pearl Hazen M. Leigh Andrew Ekblaw C. A. Fogel E. M. Frankenberg Nicholas Hahn D. B. White	do	
4490	ao	Elmer Whole	do	1 :
1498	do	Frank Krugh	do	
1499	do	J. H. Umbanhowar	do	1
1500	do	Pearl Hazen	do	1
1001	0D	Andrew Elzblaw		! !
4503	do	C. A. Fogel	do	1 .
	do	E. M. Frankenberg	do	
4504	do	Nicholas Hahn	do	1 .
4504 4505		II) R White	do	1 :
4504 4505 4506	do	D. D. Willie		
4504 4505 4506 4507 4509	do	F. H. Busey.	do	1
4504 4505 4506 4507 4508 4509	do do do	F. H. Busey. Fred Krukewitt. W. E. Womacks.	do	
4504 4505 4506 4507 4508 4509 4510	do do do do	F. H. Busey. Fred Krukewitt. W. E. Womacks. Andrew Shields.	do do do	
4504 4505 4506 4507 4508 4509 4510 4511	do do do do	Nicholas Hahn   D. B. White   F. H. Busey   Fred Krukewitt   W. E. Womacks   Andrew Shields   W. W. Meyer   I. H. Gordon   P. Adams   P. B. B. B. B. B. B. B. B. B. B. B. B. B.	do do do do	11

No.	Date.	To whom.	For what.	Amou
	1913.	m		8000
4514 4515	Nov. 20 Nov. 21	T. A. Clark J. M. Stickrod Lou Creiger W. H. Frame H. I. Nelson George Schiff E. Grove W. L. Davis Grant Freeman H. J. Jenks W. J. Kelley J. W. Willsey W. T. Hobeson Charles Mollet Derrough & Co Percival & Moorehead White Line Steam Laundry T. H. Flood & Co J. E. Henderson O. W. Hampton C. Dunn	Dairy products furnished depart-	\$200
4516 4517	do	Lou Creiger	do	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
4518	do	H. I. Nelson	do	8
4519	do	George Schiff	do	3
4520 4591	do	E. Grove	do	
4522	do	Grant Freeman	.do	l
4523	do	H. J. Jenks	do	9
4524	do	W. J. Kelley	do	8
4526 4526	do	W. T. Hobeson	_do	35
4527	Nov. 22	Charles Mollet.	Steam baths	38
4528	do	Derrough & Co	Bolts	1
4529 4530	do	White Line Steem Loundry	Hardware	126
4531	do	T. H. Flood & Co.	Books	17
4532	Nov. 24	J. E. Henderson	Dairy products furnished depart-	١,
4522	40	O W Hampton	ment of dairy husbandry	2252754486552234428334336455333233
4534	do	C. Dunn	.do	2
4535	do	David Wilkin	do	2
4536	do	G. M. Seeber	do	3
4538	do	C. A. Fogel	-do	4
$\frac{1}{4539}$	do	M. Cherry	do	'4
4540	do	Geo. Osborn	do	8
4541 4542	do	C. E. Smoot	do	}
4543	do	J. Ridgelev	.do	2
4544	do	John Rueb	do	2
4545	do	J. F. Hubbard	do	3
4540 4547	do	Iames Freeman	do	1 3
4548	do	G. H. Spencer	do	2
4549	do	W. D. Rohl	do	1 8
4550 4551	do	T. T. Webb	do	9
$\frac{1552}{4552}$	do	Andrew Ekblaw	.do	4
4553	do	W. J. Wilson	do	3
4554 4555	do	W. E. Womacks	do	8
4556	do	J. A. R. Koch	.do	4
4557	do	W. L. Davis	do	
4558 4550	do	L. P. Rayburn	do	19
4560	do	Frank Knox	.do	1 7
1561	do	C. J. Von Holten	do	. 3
4562	do	W. C. Welch	do	3
±503 1564	Nov. 25	Mart Watterson	.do	ĺ
1565	do	George Schiff	do	1
4566	do	J. C. Shrock	do	1 1
1568 4568	do	T. F. Jordan	do	16 13 4
1569	do	D. S. Herriott.	do	12 4 3 12
4570	do	J. M. Herriott	do	5
±071 4572	do	Ebb Leigh	do	ءُ ا
1573	do	C. Ross	do	12
1574	do	O. A. Foster	do	,3
1576	do. 26	O. E. Staples, Bursar	Rebates to students	3 12 175
1577	do	With Eithe Steam Latindry T. H. F. Flood & Co. J. E. Henderson O. W. Hampton C. Dunn. David Wilkin G. M. Seeber E. F. Lyon C. A. Fogel M. Cherry Geo. Osborn R. L. Myers C. E. Smoot J. Ridgeley John Rueb J. F. Hubbard E. S. Hayes James Freeman G. H. Spencer W. D. Rohl F. H. Busey J. T. Webb Andrew Ekblaw W. J. Wilson W. E. Womacks Andrew Shields J. A. R. Koch W. L. Davis L. P. Rayburn E. R. Canady Frank Knox C. J. Von Holten W. C. Welch Mart Watterson George Schiff J. C. Shrock B. Jordan T. F. Jordan D. S. Herriott J. M. Herriott A. W. McJilton Ebb Leigh C. Ross O. A. Foster O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar	Postage, University of Illinois	
1579	do	I G Biddle	Duiletins	50
1579	do	A. L. A. Publishing Board	Books.	5
1580	do	T. A. Clark	Traveling expenses	26
1581	do	W. H. Hogan Milling Co	Freeding stuffs	22
1583 1583	do	A. J. Gahan	Wagon tongue.	'9
1584	do	Eisner Grocery Co	Jars.	50 1 5 26 22 7 2 29
4585	do	J. G. Biddle. A. L. A. Publishing Board. T. A. Clark. W. H. Hogan Milling Co. W. F. Hardy. A. J. Gahan. Eisner Grocery Co. Neoga Elevator Co. The Burr Co. A. C. McClurg & Co. B. H. Bode. Shaw-Walker Co.	Cement	20 162
1586 1587	do	The Burr Co	Hardware	162
4588	do	B. H. Bode	Multigraphing.	. 8
4580	ldo	Shaw-Walker Co	Cardfile	6

lo.	Date.	To whom.	For what.	Amou
	1913.			
4590	Nov. 26	Illinois State Reformatory. G. W. C. Meyer D. Kinley J. F. Hoy	Office supplies	\$125
4591	do	G. W. C. Meyer	Specimens	48
4592	do	D. Kinley	Traveling expenses	45
4593	do	J. F. Hoy	Dairy products furnished department of dairy husbandry	
	<u>-</u>		ment of dairy husbandry	2
1594	do	C. W. Hamm	do	]
1595	do	G. F. Diefenbach	do	· · •
1596	do	E. A. Smith	do	1
1597	do	H. C. Kaufman	do	]
1598	do	C. C. Gordon	do	(
599	do	R. T. Lumsden	do	:
1600	do	A. J. Putscher	do	
601	do	E. F. Lyon	do	
602	do	W.F. Hampton	do	4
603	do	L. F. Lindsey	do	. 4
604	do	Wm. Van Buskirk	do	
605	do	John Rueb	do	1
606	do	Van Carter	do	4
607	do	Wm. Case	do	
608	do	Frank Krugh	do	2
609	do	F. S. Umbanhowar	do	155
610	do	E. R. Canady	do	1
611	do	P. J. Wagner	do	'
612	do	Frank Hetro	do	
613	do	J. F. Hoy C. W. Hamm G. F. Diefenbach E. A. Smith H. C. Kaufman C. C. Gordon R. T. Lumsden A. J. Putscher E. F. Lyon W. F. Hampton L. F. Lindsey Wm. Van Buskirk John Rueb Van Carter Wm. Case Frank Krugh F. S. Umbanhowar E. R. Canady P. J. Wagner Frank Hetro D. B. White M. Leigh Pearl Hazen C. A. Fogel L. G. Van Buskirk	do	
614	do	M. Leigh	do	
615	do	Pearl Hazen C. A. Fogel L. G. Van Buskirk J. D. Pulliam John Cornett Andrew Ekblaw J. H. Umbanhowar Geo. Osborn W. E. Yount Jos. Mounts John Ingleman I. H. Gordon E. A. Willford J. T. Auten G. P. Benton American Assn. of Law Libraries. O. E. Staples, Bursar	do	
616	do	C. A. Fogel	do	
617	do	L. G. Van Buskirk	do	
618	do	J. D. Pulliam	do	:
619	do	John Cornett	do	
620	do	Andrew Ekblaw	do	
621	do	J. H. Umbanhowar	do	
622	do	Geo. Osborn	do	
623	do	W. E. Yount	do	(
624	do	Jos. Mounts	do	
625	do	John Ingleman	do	
626	do	I. H. Gordon	do	
627	Nov. 28	E. A. Williford	Loan	150
628	do	J. T. Auten	do	150
629	do	G. P. Benton	Membership dues, National Assn.	
			of State Universities	1.
630	do	American Assn. of Law Libraries	Books	-
631	do	O. E. Staples, Bursar	Sundry bills	4
632	do Dec₁ 2	O. E. Staples, Bursar O. E. Staples, Bursar Clarence Dunn	Rebates to students	40
633	Dec. 2	Clarence Dunn	Dairy products furnished depart-	
			ment of dairy husbandry	
634	do	RalphSmith	do	} :
635	do	T. P. Lyons	do	
636	do	Lou Creiger	do	
637	do	RalphSmith T. P. Lyons. Lou Creiger O. W. Hampton E. Grove. David Wilkins Geo. Schiff. J. E. Henderson E. R. Canady. W. J. Wilson W. J. Wilson W. J. Wilson J. B. Marsh. J. A. R. Koch James Freeman Frank Knox E. S. Hayes. E. H. Brewer J. A. Daeger	do	
638	do	E. Grove	;do	
639	do	David Wilkins	do	:
040	do	Geo. Schiff	ao	
041	ao	J. E. Henderson	ao	
042	qo	E. K. Canady	ao	
543	do	W. J. Wilson	do	
044	ao	w. E. Womacks	ao	
045	do	ј. в. мarsh	ao	
046	ao	j. A. K. Koch	ao	
547	do	James Freeman	ao	
148	do	Frank Knox	ao	
049	ao	ь. э. науез	ao	
050	qo	K. H. Brewer	ao	
351	ao	J. A. Daeger	ao	
652	do	г. н. Busey	ao	
353	do	R. H. Brewer J. A. Daeger F. H. Busey W. D. Rohl T. M. Ghere. Geo. Osborn A. Snields C. Plottner W. E. Heyer	ao	
354	do	T. M. Ghere	ao	
655	do	Geo. Usborn	ao	
656	ao	A. Snields	ao	9
657	qo	C. Plottner	ao	
058	do	w.E. Heyer	ao	:
059	do	E. R. Lape	do	
660	do	C. Plottner. W. E. Heyer E. R. Lape H. Cherry T. H. Richardson John Ridgley Z. Alsip W. L. Davis. John Willsey	do	5
661	do	T. H. Richardson	ao	. 8
662	do	John Ridgley	āo	
663 i	do	Z. Alsip	ao	4 5
20.1			. 40	
664	do	W. L. Davis	[uo	

0.	Date.	To whom.	For what.	Amou
222	1913.	W. C. Welch.  W. W. Meyer. W. T. Hobeson. G. W. Clark. Will Foor. F. L. Swanson. T. N. Burwash. John Weiss. S. Atchison. Robit. Graham. John McCullough. R. Friedlander & Son General Verwaltung der Koniglichen Bibliothek. Paul Gottschalk. Pickering & Chatto. T. P. Lyon.  E. A. Smith Geo. Schiff. J. W. Kelley. John Rueb. S. T. Carter.		
666	Dec. 2	W. C. Welch	Dairy products furnished depart-	\$ 4
667	do	W. W. Mever	do	9 3
668	do	W. T. Hobeson.	do	5 4 5
669	do	G. W. Clark	do	5
670	do	Will Foor.	do	3 1 2
672	do	T N Rurwech	do	1 2
673	do	John Weiss	-do-	4
674	do	S. Atchison	do	4
675	do	Robt. Graham	do	17 16
676	do	John McCullough	do	17
678	do	Gararal Varyaltung der Veniglichen	BOOKS	16
0.0		Bibliothek	do	32
679	do	Paul Gottschalk	do	
680	do	Pickering & Chatto	do	2
681	Dec. 3	T. P. Lyon	Dairy products furnished depart- ment of dairy husbandry	1
682	do	E.A. Smith	do	1 8
083	do	Geo. Schiff	do	
684	op	J. W. Kelley	00	
886	do	S T. Carter	do	1
687	do	John Rueb S. T. Carter B. Jordan T. F. Jordan	do	1 1
688	do	T. F. Jordan	do	i î
389	do	C. Ross	do	1
900	do	W. H. Gray	do	:
300 181	uo	L. F. Bigleschelri	do	'
393	do	B. Jordan T. F. Jordan C. Ross W. H. Gray A. J. Krukewitt. L. F. Bialeschski C. A. Fogel Ebb Leigh Elmer Whole John Ridgeley L. P. Rayburn C. E. Kelley L. P. Rayburn C. E. Kelley L. W. Maxwell E. V. Percival C. J. Von Holten Pearl Cardiff J. F. Hoy J. E. Henderon G. F. Diefenbach R. T. Lumsden W. F. Hampton L. F. Lindsey E. F. Lyons C. C. Gordon W. L. Davis J. Cornett Fred Krukewitt Andrew Ekblaw W. E. Satterfield J. M. Herriott Pearl Hazen Daniel Hahn Frank Hetro	_do	
394	do	Ebb Leigh	do	
395	do	Elmer Whole	do	1 .
596	do	John Ridgeley	do	:
097 60₽	oo	C E Kelley	do	
699	do	I. W. Maxwell	do	
700	do	E. V. Percival	do	
701	do	C. J. Von Holten	do	,
702	do	Pearl Cardiff	do	:
703	Dec. 4	J. F. Hoy		1 :
705	do	G F Diefenbach	do	1 :
706	do	R. T. Lumsden	do	1
707	do	W. F. Hampton	do	
708	do	L. F. Lindsey	do	1 :
709	do	E. F. Lyons	do	1
711	do	W I. Davis	do	!
712	do	J. Cornett.	do	
713	do	Fred Krukewitt	do	
714	do	Andrew Ekblaw	do	
115	do	W. E. Satterfield		1 :
717	ao	Pearl Hazen	do	1
718	do	Daniel Hahn	_do	1
719	do	Frank Hetro.	do	1
720	do	Fred Elliott	do	1
721	do	Pearl Hazen Daniel Hahn Frank Hetro Fred Elliott. E. M. Frankenberg. J. F. Hubbard Nicholas Hahn J. H. Umbanhowar E. R. Canady. R. P. Hayes Geo. Osborn Andrew Shields. I. H. Gordón	do	1 :
722	do	J. F. Hubbard	do	
724	do	J. H. Umbanhowar	do	
725	do	E. R. Canady	do	1
726	do	R. P. Hayes	do	;
$\frac{727}{100}$	do	Geo. Osborn	do	
720	00	Andrew Shields	do	) :
730	do	T. H. Richardson	do	533
7 <b>3</b> 1	do	A. E. Keys, Contractor	Payment sewer contract	538
732	do	A. E. Keys, Contractor	do	17
733	do	A. E. Keys, Contractor	do	11'
/34 73#	do	Engineering Magazine	AdvertisingBooks	:
736	do	T. L. Knight	do	1
737	do	Andrew Shields I. H. Gordón T. H. Richardson A. E. Keys, Contractor A. E. Keys, Contractor A. E. Keys, Contractor C. Engineering Magazine G. E. Stechert & Co L. L. Knight C. A. Denman Ernst Hertzberg & Son Taylor Hardware Co Laura B. Evans.	do	}
738	do	C. A. Denman	Painting	86
			IDl-a	1 (
739	do	Ernst Hertzberg & Son	B00ks	1

lo.	Date.	To whom.	For what.	Amou
	1913.	:		1
4742	Dec. 4	David Kinley Reliable Plumbing & Heating Co Pantagraph Printing & Stationery Co Alexander Lumber Co S. E. Huff & Co Pressed Prism Plate Glass Co A. S. Nelson & Sons Florence E. Watson L. E. Knorr W. H. Paulus	Traveling expenses	\$ 14
4743	do	Reliable Plumbing & Heating Co	Iron pipe	36
1744	do	Pantagraph Printing & Stationery Co	Copies, reprint bulletin	36
1745	do	Alexander Lumber Co	Lumber	2
1746	do	S. E. Huff & Co	do	1 2
1747	do	Pressed Prism Plate Glass Co	Plate glass	18 18
1748	do	A. S. Nelson & Sons	Dog buiscuit	
1749	Dec. 5	Florence E. Watson	Traveling expenses	18
750	do	L. E. Knorr	. do. Balance salary, October 27-31 and November, 1913 Chemical supplies Booksdo. Brass	(
751	do	W. H. Paulus	Balance salary, October 27-31 and	
	_		November, 1913	65 278 20
752	do	C. F. Miller T. H. Flood & Co. Statute Law Book Co Federal Sign System General Chemical Co	Chemical supplies	6
753	do	T. H. Flood & Co	Books	278
754	do	Statute Law Book Co	do	20
755	do	Federal Sign System	Brass	1
756	do	General Chemical Co	Chemical supplies	1
757	do	Spencer Lens Co	Slide labels	6
758	do	General Chemical Co. Spencer Lens Co. Lawyers Co-operative Publishing Co. National Law Finder Publishing Co. G. E. Frazer, Comptroller W. L. Abbott. Boston Book Co. Callaghan & Co.	Brass Chemical supplies Slide labels Books	1 2
759	do	National Law Finder Publishing Co	do Traveling expenses Telephone Books.	10
760	do	G. E. Frazer, Comptroller	Traveling expenses	39
761	do	W. L. Abbott	Telephone	1 11
762	. do.	Boston Book Co	Books	
763	do	Callaghan & Co	do	57
764	Dec. 6	Callaghan & Co. Geo. Schiff.  W. E. Womacks J. D. Yeazel. J. D. Pulliam Grant Freeman Frank Knox C. A. Fogel John Ingleman L. J. Wienke O. E. Staples, Bursar W. R. Olinger R. J. Collier A. J. Spohn C. R. Reiter	Dairy products furnished department of dairy husbandry	"
.01	200. 0	~ · · · · · · · · · · · · · · · · · · ·	ment of dairy husbandry	4
765	do:	W. E. Womacks	do	
766	do	I D Vaszal	do	1 :
767	40	I D Pulliam	do	1 3
768	uo	Grant Fragman	do	3
769		Trank Unor	do	
709		С 4 Б1		1
770	do	T-b T d		1 ;
771	do	John ingleman		
772	ao	L. J. WICHKO	D. 00	٠, ١
773	do Dec. 9	O. E. Staples, Bursar	Repares to students	34
774	Dec. 9	W. R. Olinger	Dairy products jurnished depart-	١.
	_		ment of dairy husbandry	1
775	do	R. J. Collier	do	1 5
776	do	A. J. Spohn	do	
777	do	C. R. Reiter	do	:
778	do	H. E. Seigman	do	19
779	do	M. E. Simonsen	do	1
780	do	C. L. Jacobsen	do	
781	do	W. F. Conway	do	1 (
782	do	N. Muller	do	!
783	do	M. H. Anderson	do	
784	do	Green River Creamery Produce Co	do	
785	do	J. R. Newberry	ldo	1 9
786	do	O. W. Albright	.do	1 :
787	do	Spring Valley Creamery Co	do	
788	do	P. J. Petersen	do	1 7
780	do	E Grove	do	
700	do	Lou Craigar	do	1
701	do	C W Hamm	do	1
700	do	C Dunn	do	1 .
702	40	D Wilking	do	1
704	uo	E S Havae	do	1
705	uo	T A D Wooh	do	1 :
190		Coo Ochorn	do	'
190		D I Wogner	do	1 :
191	ao	E.J. Wagner	J	l '
198	ao	Lu. Heppe		1. :
799	qo	T. M. Gnere		{ · · · · ·
800	do	J. rreeman	ao	1 1
801	do	W.E. Yount	ao	1 '
802	do	D. B. White	do	) 8
803 j	do	J. B. Marsh	do	8
804	do	L. P. Rayburn	do	:
805	do	E. R. Canady	do	1 4
806	do	A. Ekblaw	do	
807 l	do	Van Carter	do	
808	do	W. J. Wilson	do	) :
809	do	O. A. Foster	do	
810	do	F. H. Busey	do	(
811	do	John Willsey.	do	1
812	do	W. C. Welch	do	1 2
813	do	W. R. Olinger R. J. Collier A. J. Spohn C. R. Reiter H. E. Seigman M. E. Simonsen C. L. Jacobsen W. F. Conway N. Muller M. H. Anderson Green River Creamery Produce Co. J. R. Newberry O. W. Albright Spring Valley Creamery Co. F. J. Petersen E. Grove Lou Creiger C. W. Hamm C. Dunn D. Wilkins E. S. Hayes J. A. R. Koch Geo. Osborn P. J. Wagner Ed. Heppe T. M. Ghere J. Freeman W. E. Yount D. B. White J. B. Marsh L. P. Rayburn E. R. Canady A. Ekblaw Van Carter W. J. Wilson O. A. Foster F. H. Busey John Wilsey W. C. Welch I. W. Maxwell G. W. J. Waxner G. E. Stechert & Co. A. C. McClurg & Co.	do	4
Q14	do	G W Clark	do	1 2
014	uo	Mory Worner	do	1: 1
		INTOTA ALGITED	uv	14 324
815	Dec 10	C F Stochart & Co		1 7

To.	Date.	To whom.	For what.	Amou
	1913.			
4818	Dec. 10	The Snead & Co. Iron Works	Book supports	8 4
4819	do	Pack & Hills Furniture Co	Cahinet	\$ 4 14
4820	do	Beardsley Hotel Co	Entertainment, Wm. Ramsay	19
4821	do	Beardsley Hotel Co. E. A. Eichorst. J. L. Edmonds. Robert B. Keller.	Harness	8
1822	40	I. L. Edmonds	Traveling expenses	10
1823	do	Robert R Kaller	do do	7
1894	do	New York Times Annalist	Subscription	i
1005		New York Times Annalist Lemcke & Buechner	Poolen	55
4826	do	E. F. Lyon	Dairy products furnished depart-	1
4827	do	T. P. Lyons. Ralph Smith A. R. Grindley Geo. Schiff B. Jordan C. Ross Wm. Van Buskirk W. E. Heyer W. J. Kelley C. E. Kelley G. E. Kelley G. F. Kolley T. F. Jordan M. Leigh	do	1 2
4828		Kaipn Smith		2
1829	do	A. R. Gringley		1 2
1830	ao	Geo. Schiii	do	1 .
1831	do	B. Jordan	do	10
4832	do	C. Ross	do	10
4833	do	Wm. Van Buskirk	do	4
4834	do	W.E. Heyer	do	: 8
4835	do	W.J. Kelley	ao	4
4836	do	С. к. Kelley	do	4
4837	do	Geo. Hurst	do	4
4838	do	T. F. Jordan	do	12
4839	do	M. Leigh	do	
4840	do	R. L. Myers	do	(
4841	do	J. C. Shrock	Jdo	8
4842	do	Jos. Mounts	do	
4843	do	Mary Warner	do	
4844 4845	do	T. F. Jordan M. Leigh R. L. Myers J. C. Shrock J. O. Shrock Mary Warner Pearl Cardiff Mary Moore.  Mattia Thomas	Traveling expenses, High School	2
				5
1017	1 40	C I Zoone	l do	
4848	do.:	Sara J. Whittenberg	do	1 7
4849	do	Mary L. English	do	j
4850	do	Frances E. Sabin	do	[
4851	do	Sara J. Whittenberg Mary L. English Frances E. Sabin U. S. Parker	do	1
4852	do	U. S. Parker Lydia M. Smedley F. M. Giles R. R. Snapp W. L. Eikenberry J. W. Morgan J. W. Brown Osbourne McConathy C. E. Lawyer A C. Norris	do	1
4853	do	F. M. Giles	do	9
4854	do	R R Snann	do	
4855	do	W I. Eikanbarry	do	6
1856	do	I W Morgan	do	6
4857	do	I W Brown	do	1
4858	do	Oshourna McConathy	do	1 }
1850	do	C E Lawyer	do	6
4860	do	A C Norris	do	16
1861	do	A. C. Norris Constance Barlow-Smith H. V. Canter Otis W. Caldwell	Evnences chairman of committee	1 3
4665	40	W V Center	do	1 3
4002	do	Otic W Coldwoll	Travaling avnances High School	
4000				
4864 4865	do	Denison Mfg. Co Beardsley Hotel Co	Office suppliesEntertainment, Drs. Richards and	
			Peterson	] (
4866	do	A. C. McClurg & Co	Books	1 7
4867	Dec. 11	C. C. Gordon	Dairy products furnished department of dairy husbandry	-
	ł .		ment of dairy husbandry	- 8
4868	do	J. F. Ноу	do	1 :
4869	do	J. F. Hoy L. F. Lindsey	do	
4870	do	L. F. Lindsey. H. I. Nelson. E. A. Smith. W. H. Gray. R. T. Lumsden. A. J. Putscher.	do	! :
4871	do	E. A. Smith	do	1
4872	do	W. H. Gray	do	:
4873	do	R. T. Lumsden	do	:
4874	do	A. J. Putscher	do	
4877	do	R. A. Lumsden	do	1 :
4876	do	R. A. Lumsden G. F. Diefenbach	do	) :
4877	do	J. E. Henderson W. F. Hampton Wm. Case Z. Alsip	do	:
4878	do	W. F. Hampton	do	1 4
4879	do	Wm. Case	do	
4880	do	Z. Alsip	do	1 4
488 I	100	IF. S. Umbanhowar	ldo	
4882	do	Frank Hetro	do	1 5
4883	do	Frank Knox	do	l i
4884	do	E. R. Canady	do	[ · 19
4885	do	Geo. Osborn	ldo	1 1
1000	1 47.	Doorl Hogon	4.0	1
4887	- do	R. P. Haves	do	1
4888	do	G W Van Matar	do	1
488U	do	T H Gordon	do	
4000	40	Festi Hazen R. P. Hayes G. W. Van Meter I. H. Gordon W. L. Hobson W. D. Rohl	do	
4000	1	W D Pobl	do	. :
1901				

To,	Date.	To whom.	For what.	Amou
	1913.	H. D. Smith. Julia F. Burnham, Hospital. J. M. Stckrod.  Geo. Schiff. Andrew Shields. Ebb Leigh. M. Cherry. John Rueb Frank Krugh. J. M. Herriott. H. Cherry. John Buskirk. W. L. Davis. I. W. Maxwell H. Richardson. A. W. Stoolman. N. Hay. Metzler & Schafer Co. Ideal Electric Co. Ricekhoff Bakery. United States Audit Co. University of Illinois Supply Store. John H. Doyle. Metzler & Schafer Co. Dallenbach Bros. W. Lewis & Co. Twin City Ice & Cold Storage Co. C. Dunn. E. Grove. Leou Creiger		
4892	Dec. 11	H. D. Smith	Catering for lunch	\$225
4893	do	Julia F. Burnham, Hospital	Fees	229
1894	Dec. 12	J. M. Stickrod	Dairy products furnished depart-	۔
1005	l do	Can Solie	ment of dairy nusbandry	5
1898	do	Andrew Shields	do	5 4 6
1897	do	Ebb Leigh	do	0
898	do	M. Cherry	do	5
1899	do	John Rueb	do	5 3 3 3 5 4 5 2 4 21
1900	do	Frank Krugh	do	3
1901	do	J. M. Herriott	do	3
902	do	H. Cherry	do	5
903	do	L. G. Van Buskirk	do	4
904	do	W.L. Davis	do	5
900	do	I. W. Maxwell		) }
007	do	H. Richardson	Doorg	ا أ
900	do	N How	Trovoling ovnonges	21
ana	do	Metgler & Schofer Co	Supplies	71 71
910	do	Ideal Electric Co	Wiring court room	7
911	- do	Rieckhoff Bakery	Supplies	1 19
912	do	United States Audit Co	Auditing	497 91 43
913	do	University of Illinois Supply Store	Laboratory apparatus	91
914	do	John H. Doyle	do	4
915	Dec. 13	Metzler & Schafer Co	Laboratory supplies	43
916	do	Dallenbach Bros	do	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
917	do	W. Lewis & Co	do	2
918	do	Twin City Ice & Cold Storage Co	Ice book	4
919	Dec. 15	C. Dunn	Dairy products furnished depart-	_
		T 0	ment of dairy husbandry	8
920	do	E. Grove	do	4
921	do	Lou Creiger	do	}
922	ao	O. W. Hampton	ao	1 2
923	do	M. Hudson		1 3
924		J. Freeman		1 5
020		W T Wilson	do.	
027	do	T H IImbanhawar	do	1 6
921	do	T F Hubbard	do	5
929	do	L. P. Rayburn	do	) 5
930	.do	Elmer Whole	do	1
931	do	J. A. R. Koch	do	l ē
932	do	J. B. Marsh	do	
933	do	J. D. Pulliam	do	4
934	do	D. B. White	. do	7
935	do	Wm. Van Buskirk	do	2
936	do	E. R. Canady	do	5
937	do	W. E. Womacks	. do	. 8
938	do	C. A. Fogel	. do	4
939	do	Van Carter	. do	4
940	ao	T. M. GHOTO		:
941	ao	J. A. Daeger		5
942	ao	D Cheffor		1 2
043	ao	F T Russy	do	1
044	uo	C E Smoot	do	l 5
940	do	W W Mayar	do	
047	do	C. J. Von Holten	do	1 . 2
948	do	G. W. Clark	do	2
949	do	J. Willsev	1do	[
950	do	W. C. Welch	ldo	_ 4
95Ĭ	do	The Museum Book Store	Books	É
952	do	Auguste Picard	do	4
953	do	Pickering & Chatto	do	10
954	Dec. 16	The L. S. Starrett Co	Laboratory supplies	10 22
955	do	E. H. Sargent & Co	do	4
956	do	Metzier & Schafer Co	do	(
957	do	Chas. H. Woolbert	Traveling expenses	22
958	do	Fred Pine	do	9
959	do	J. M. Clapp	do	24
960	do	C. Dunn.  E. Grove. Lou Creiger. O. W. Hampton. M. Hudson. J. Freeman. R. H. Brewer. W. J. Wilson. J. H. Umbanhowar. J. F. Hubbard. L. P. Rayburn. Elmer Whole. J. A. R. Koch. J. B. Marsh. J. D. Pulliam. D. B. White. Wm. Van Buskirk. E. R. Canady. W. E. Womacks. C. A. Fogel. Van Carter. T. M. Ghere. J. A. Daeger. J. Ridgeley. F. Sheifer. F. H. Busey. C. E. Smoot. W. W. Meyer. C. J. Von Holten. G. W. Clark. J. Willsey. W. C. Welch. The Musey. W. C. Welch. The Musey. C. E. Starrett. Co. L. Hilling. M. Clark. J. Willsey. W. C. Welch. The L. S. Starrett Co. E. H. Sargent & Co. Metzler & Schafer Co. Chas. H. Woolbert. Fred Pine. J. M. Clapp. T. W. Galloway. Howard W. Adams. Dr. H. S. Pepoon. T. W. Galloway. Howard W. Adams. Dr. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. S. Pepoon. T. H. Slegler. D. C. Hilling. Max Griebsch. Gladys Graham. Central Electric Co. Pantagraph Printing & Stationery Co.	do	24 16
961	do	noward W. Adams		4
902	ao	DI. H. S. Pepoon	4.ao	1 2
903	00	D. C. Hilling		5 3 15
904	do	Mor Crichach		
905		Cladra Craham	do	1.0
900 067	ao	Cantral Floatric Co	Office graphics	
100	uo	Pantagraph Printing & Stationer Co	Printing	587
			14 44444444	

٧o.	Date.	To whom.	For what.	Amour
	1913.	F. P. Smith Wire & Iron Works. C. E. Bradbury. T. N. Burwash  Robt. Graham  John Weiss. S. Atchison J. McCullough E. F. Lyon G. Schiff W. H. Gray John Rueb Wm. Leischner Pearl Hazen A. Kroner W. L. Davis R. L. Myers. C. Ross.		
4969	Dec. 16	F. P. Smith Wire & Iron Works	Screens	\$ 7 4
4870	do	C. E. Bradbury	Clerical assistance	4
4971	Dec. 17	T. N. Burwash	Dairy products furnished depart-	
			ment of dairy husbandry	1
1972	do	Robt. Graham	do	11
4973	do	John Weiss	do	10 77 13 4 66 43 55 55 50 10 8 12 7 7 4 2 2 5
4974	do	S. Atchison	do	7
4975	do	J. McCullough	do	13
<b>197</b> 6	do	E. F. Lyon	do	4
4977	do	G. Schiff	do	. 6
1978	do	W. H. Gray	do	4
4979	do	John Rueb	do	3
1980	do	Wm. Leischner	do	5
1981	do	Pearl Hazen	do	4
1982	do	A. Kroner	do	- 5
1983	do	W. L. Davis	.do	5
1984	do	R. L. Myers	do	5
1985	do	C. Ross	do	10
1986	do	G W Van Mater	do	8
1987	do	T F Jordan	do	12
1988	do	R Torden	do	-7
1989	do	R. L. Myers. C. Ross. G. W. Van Meter T. F. Jordan. B. Jordan. A. Ekblaw	_do	1
1990	do	W E Hever	do	9
1901	do	Tag Mounts	do	2
1992	do	G C Cochron	do	J 2
1003	40	W I Vally	do	4
1004	do	T W Maywell	do	4
1005	do	T. F. Jordan B. Jordan A. Ekblaw W. E. Heyer Jas. Mounts G. C. Cochran W. J. Kelly I. W. Maxwell S. V. Mayhen Reliable Plumbing & Heating Co., Contractors I. R. Carter H. Sydow F. Oppenheim W. Ernst Seatree John Alexander Cooper. Wm. Gaertner & Co. J. E. Henderson W. F. Hampton R. T. Lumsden R. A. Lumsden	do	3
1006	uo	Deliable Dismbine & Heating Co. Con.	[u0	0
1000		treaters	Building contract	1 665
1007	F T	T D Conton	Traveling ovnerges	1, 665 20
1000	do	Tr Cudow	Pooles	20
4000 0000		H. Sydow	DOOKS	4 19
ะดดด	qo	r. Oppenneim	Darferden de anniere	19
1000		W. Ernst Seatree	r roressional services	196
5000 5001	do	John Alexander Cooper	T-1-m-4-m-	182 10
2002	ao	wm. Gaertner & Co	Laboratory apparatus	10
วบบอ	ao	J. E. Henderson	Dairy products turnished depart-	
-004			ment of dairy nusbandry	3
2004	ao	W. F. Hampton	do	5
0000	ao	R. T. Lumsden	do	2
2000	ao	R. A. Lumsden	do	3
1000	ao	L. F. Lindsey	do	3
2008	do	G. F. Diefenbach	do	3
0009	ao	A. R. Grindley	[ao	6
oro	do	C. C. Gordon	do	5
OTT	do	E. A. Smith	do	3
012	do	J. F. Hoy	do	2
013	do	F. Krukewitt	do	6
014	do	Frank Knox	do	5
015	do	John Cornett	do	5
016	do	F. Hetro	do	5
017	do	Ed. Heppe	do	4
018	do	W. E. Yount	do	8
019	do	Ebb Leigh	do	. 3
020	do	W. E. Satterfield	do	4
021	do	R. P. Hayes	do	1
022	do	M, Cherry	do	2
023	do	E. R. Canady	do	10
024	do	M. Leigh	do	5
025	do	J. E. Henderson.  W. F. Hampton R. T. Lumsden. R. A. Lumsden. L. F. Lindsey. G. F. Diefenbach. A. R. Grindley. C. C. Gordon. E. A. Smith. J. F. Hoy. F. Krukewitt. Frank Knox. John Cornett. F. Hetro. Ed. Heppe. W. E. Yount. Ebb Leigh. W. E. Satterfield. R. P. Hayes. M. Cherry. E. R. Canady M. Leigh. E. R. Canady M. Leigh. E. M. Frankenburg. T. M. Ghere. Daniel Hahn W. D. Rohl. A. W. McJliton. A. Shields. H. Richardson. I. H. Gordon.	do	3
026	do	T. M. Ghere	do	4
027	do	Daniel Hahn	do	5
028	do	W. D. Rohl	do	4
029	do	A. W. McJilton	do	3
6030	do	A. Shields	do	6
031	do	H. Richardson	do	352233333365555544833441220553448364
032	do	I. H. Gordon	do	6
033	Dec. 18	R E Himstedt	Traveling expenses	20
034	do 10	O E Stanles Bursar	Repates to students	ดีวั
035	do	O E Stanles Rurser	Express bills'	3
กัสห	Dec	C H Mills	Traveling expenses	127
5037	200. 19	E C Torongon	do	12
เบรอ วากเ	uo	W. D. Prodley & Co	Dent	32
2020 2000	uo	Flore Tumber Co	Ruilding materials	10
シしひか	uv	A. Shields H. Richardson I. H. Gordon R. E. Himstedt O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar W. R. G. Lorenzen W. R. Bradley & Co. Flora Lumber Co. Flat Iron Store Co. Crane Co. O. A. Harker Orr & Lockett Hardware Co.	Chodos	10
7040 5011		riat from Store Co	Gunnling	49
MAT	qo	O A Therese	Trovoling owners	20 91 3 127 18 35 12 49 5
えへれの				12
5042	ao	O. A. Haikoi	Laboratory apparatus	. 6

0.	Date.	To whom.	For what.	Amo
044	1913.	E. Grove.	Daime and design framished donors	-
044	Deb. 19	E. Grove	Dairy products furnished department of dairy husbandry	8
045	do	Lou Creiger J. M. Stickrod Geo. Schiff C. A. Fogel C. J. Gillespie. M. Cherry J. M. Herriott Mary Warner C. C. Rayburn H. A. DeWerff G. M. Grantham E. F. Torgerson Library Bureau J. H. Perioval	do	
$040 \\ 047$	do	Geo. Schiff	(do	
048	do	C. A. Fogel	do	
049	do	C. J. Gillespie	do	
J5U 151	do	M. Cherry	. do	
$051 \\ 052$	do	Mary Warner	do	
53	do	C. C. Rayburn	do	
)54	Dec. 22	H. A. DeWerff	Clerical work	. 5
)58 156	do	F. F. Torgarson	do	2
57	do	Library Bureau	Cases	40
58	do	J. H. Percival	Feeding stuffs	7
)59	do	Library Bureau J. H. Percival A. T. Weaver M. Hudson	Traveling expenses	
000	ao	M. Hudson	ment of deiry hisbandry	
)61	do	C. Dunn	do	
62	do	C. Dunn O. W. Hampton J. B. Marsh	[do	
63	do	J. B. Marsh	do	
104 165	do	W. J. Wilson	do	
66	do	C. Dunn O. W. Hampton J. B. Marsh E. S. Hayes W. J. Wilson E. R. Canady T. M. Ghere J. Ridgeley J. A. R. Koch G. W. VanMeter W. L. Davis F. H. Busey D. B. White F. H. Busey D. B. White F. Elliott A. Ekblaw J. Freeman F. Hetro Z. Alsip H. Cherry W. T. Hobson G. W. Clark I. W. Maxwell W. H. Gray W. C. Welch T. H. Richardson E. A. Smith T. P. Lyon A. R. Grindley E. F. Lyon J. E. Henderson Raiph Smith C. W. Hamm H. I. Nelson O. A. McInness Geo. Hurst J. Ingleman C. Plotther C. E. Kelly C. Ross B. Jordan D. E. Smoot W. J. Kelly A. Shields L. W. Maxwell J. J. VonHolten D. E. Shoot W. J. Kelly A. Shields L. W. Maxwell J. J. VonHolten D. E. Shoot W. J. Kelly A. Shields L. W. Maxwell	do	
67	do	T. M. Ghere.	do	
68 60	do	J. Klageley	do	
70	do	G. W. VanMeter	do	
71	do	W. L. Davis	do	
72	do	F. H. Busey	do	
73 74	do	D. B. White	do	
75	do	A. Ekblaw	-do	
76	do	J. Freeman	do	
77	do	F. Hetro	do	
78 70	op	Z. AISID	do	
80	do	W. T. Hobson	do	
81	do	G. W. Clark	do	
82	do	I. W. Maxwell	do	
84	do	W. H. Gray W. C. Welch		
85	do	T. H. Richardson	do	
86	Dec. 23	E. A. Smith	do	
87	do	T. P. Lyon	do	
89	do	E. F. Lvon	.do	
90	do	J. E. Henderson	do	
91	do	Ralph Smith	do	ı
12	do	U. W. Hamm	do	
94	do	O. A. McInness	.do	
95	do	Geo. Schiff	do	
96	do	Pearl Hazen	do	
12	do	Geo. Hurst I. Inglaman	do	
9	do	C. Plottner	do	
00	do	C. E. Kelly	do	
)1	do	U. Ross	do	1
13	do	r. F. Jordan	do	1
14	do	C. E. Smoot.	do	1
5	do	W. J. Kelly	do	:
)6  )7	do	A. Shields		;
8	do	A. Sinedas I. W. Maxwell J. J. VonHolten O. E. Staples, Bursar C. G. Gordon	do	
9		O. E. Staples, Bursar	Sundry bills	. 18
0	Dec. 24 0	C. C. Gordon.  R. A. Lumsden  L. F. Lindsey  A. J. Potscher  W. F. Hampton  R. T. Lumsden  J. L. VanBuskirk  Rueb  W. L. Davis	Dairy products furnished depart-	
1	op	K. A. Lumsden	ao	Š
3	do	G. F. Diefenbach	.do	4
4	do	A. J. Putscher	do	]
5	do	W. F. Hampton	do	(
6	do	K. T. Lumsden		1
18	.do	Rueb.	do	2
		TT T Deside	do	- 1

Vo.	Date.	To whom.	For what.	Amour
	1913.	W. E. Womacks C. A. Fogel J. F. Hubbard S. G. Richards R. P. Hayes G. C. Cochran W. E. Satterfield J. H. Umbanhowar L. P. Rayburn W. Leischner W. Case F. S. Umbanhowar W. E. Yount E. R. Canady T. M. Ghere L. J. Wienke J. Mounts J. C. Shrock G. W. VanMeter Mary Warner I. H. Gordon Martha J. Kyle Clarence Bonnell H. N. Clom Bessie L. Priddy E. B. Babcock Arthur C. Lunn P. J. Krayer Herrick & Stoltey Olive Percival W. Lewis & Co Beardsley Hotel Co Dr. C. E. Lucas Ingram-Richardson Mfg. Co F. H. Busey E. Grove L. Croiver		,
5120	Dec. 24	W. E. Womacks	Dairy products furnished depart-	
5191	do	C A Foral	ment of dairy nusbandry	\$ 4 3 3
5122	do	I F Hubbard	do	3
5123	do	S. G Richards	_do	2
5124	do	R. P. Haves	do	2
5125	do	G. C. Cochran	do	5
5126	do	W. E. Satterfield	do	. 5
5127	do	J. H. Umbanhowar	(do	6
5128	do	L. P. Rayburn	do	8
5129	do	W. Leiscnner	do	6
5131	do	F S IImhanhawar	do	5
5132	do	W E Vount	do	a
5133	do	E R Canady	do	9
5134	do	T. M. Ghere	do	4
5135	do	L. J. Wienke	do	5
5136	do	J. Mounts	do	6
5137	do	J. C. Shrock	do	6 5
5138	do	G. W. VanMeter	do	5
5140 5139	ao	Mary Warner		5
014U	Dag	Mortho I Zylo	Traveling avnenges	11 12
51/10	do. 29	Clarence Ronnell	do	10
5143	do	H. N. Clom	_do	12
5144	do	Bessie L. Priddy	do	5 22
$5\overline{145}$	do	E. B. Babcock	do	6
5146	do	Arthur C. Lunn	do	Š
5147	do	P. J. Krayer	Adjusting balances	15
5148	do	Herrick & Stoltey	Livery	15
5149	do	Olive Percival	Traveling expenses and lecture	40
9150		W. Lewis & Co	Laboratory apparatus	96
5150 9191	do	Dr. C. F. Luces	Field expenses	60
5152 5153	do	Ingram-Richardson Mfg Co	Lahoratory apparatus	5 46
5154	Dec. 29	F H Busev	Laboratory apparatus.  Entertainment. Field expenses Laboratory apparatus.  Dairy products furnished department of dairy husbandry.	40
0.201	200. 20	1 . 11 . 2 0.00 /	ment of dairy husbandry	6
5155	do	E. Grove.	do	4
5156	do	L. Creiger	do	9
5157	do	Geo. Schiff	do	6
5158	do	O. A. McInness	do	3
5159	do	W. C. Welch	do	4
5160	do	J. Ridgeley	do	3
5161	Jdo	J. A. Curzon		5
2162	]qo	U. A. F 0gel	00	3
5264 9709	do	C C Dowburn	do	4
5165	do	W D Rohl	do	4
5166	do	T H Jenks	do	3
5167	do	E. R. Canady	do	6
5168	do	F. Hetro	ldo	6
5169	do	J. B. Marsh	do	7
5170	do	P. J. Wagner	do	8
5171	do	W. J. Wilson	do	3
5172	do	Epp Feigh	do	3
5173	do	J. A. K. Koch	do	5
5174	do	W. Vanbuskirk		5
01/5 5176	Dog 20	Frast Hartzharg & Sons	Rooks	5
5177	40 30	The Brookmire Economic Service	do	50
5179	do	Otto Harassowitz	do	94
5179	- do	The John Clark Co.	do	24 64
5180	do	A. C. McClurg & Co	do	6
5181	do	Karl W. Hiersemann	do	17
5182	do	W. Heffer & Sons	do	3
5183	do	Otto Lange	do	10
5184	do	G. E. Stechert & Co	do	1
5185	do	David Kinley	Traveling expenses	10
5186	do	INALIOHAL UNIIG LABOR COMMITTEE	Membership iee	35
187	ao	F. F. Hampton	Doiry products familiand description	35
отяя	Dec. 31	F. H. Busey.  E. Grove. L. Creiger Geo. Schiff. O. A. McInness. W. C. Welch. J. Ridgeley. J. A. Curzon. C. A. Fogel. J. M. Herriott. C. C. Rayburn. W. D. Rohl. J. H. Jenks. E. R. Canady. F. Hetro. J. B. Marsh. P. J. Wagner. W. J. Wilson. Ebb Leigh. J. A. R. Koch. W. Van Buskirk. W. J. Kelley. Ernst Hertzberg & Sons. The Brookmire Economic Service Otto Harassowitz. The John Clark Co. A. C. McClurg & Co. Karl W. Hiersemann. W. Heffer & Sons. Otto Lange. G. E. Stechert & Co. David Kinley. National Child Labor Committee. F. P. Hampton. M. Warner. G. Freeman. G. Freeman.	ment of dairy bushendry	
5120	do l	G. Freeman. G. Hoblick. A. Ekblaw. P. P. Dunn G. W. Van Meter. J. H. Besore. P. Hazen.	do dany nusbandry	6 3
5100 5100	do	G Hoblick	do	3 4
5101	do	A Ekblaw	.do	4
5192	do	P. P. Dunn	do	1 3
5193	do	G. W. Van Meter	do	ă
5104	do	J. H. Besore	do	9 8 5

To.	Date.	To whom.	For what.	Amou
<b>*10</b> 0	1913.	m 7. T		
5196		T. P. Lyon		<b>\$</b> 3
5197	do	J. E. Henderson T. F. Jordan	do	3
5198	do	T. F. Jordan	do	11
2000 2199	ao	C. Ross.	do	10 8 5 12 20
5201	do	A. R. Grindley	1. do	5
5202	do	Mary E. Busey	Traveling expenses	12
5203	do	Florence E. Watson	do	20
5205	ao	C M McConn	do	16 9
5206	do	C. Ross. B. Jordan. A. R. Grindley. Mary E. Busey. Florence E. Watson. Ellen M. Henrotin. C. M. McConn. J. R. Trevett.	do	- 9
5207	1914. Jan. 2	Max Weg	Books	106
5208	do	Gustav Fock	_do	196 2
5209	Jan. 6	Max Weg Gustav Fock R. S. McInness.	do.  Dairy products furnished department of dairy husbandry	
210	do	O. W. Hampton	ment of dairy husbandry	1 3
5211	do	A. I. Putscher	do	1
5212	do	L. F. Lindsey	do:	2
213	do	O. W. Hampton. A. J. Putscher L. F. Lindsey. W. F. Hampton. R. A. Lumsden. O. A. McInness. C. Dunn. M. Hudson. H. I. Nelson. Geo. Schiff	do	1 2 8 3 3 9 4
$\frac{5214}{5215}$	do	K. A. Lumsden	do	3
216	do	C. Dunn	_do	9
217	do	M. Hudson.	do	4
218	do	H. I. Nelson	do	1
219	do	H. I. Nelson Geo. Schiff. C. C. Gordon G. F. Diefenbach. R. T. Lumsden. W. E. Heyer T. M. Ghere. J. M. Herriott. W. E. Yount.	00	6
$\frac{5220}{5221}$	do	G. F. Diefenbach	.do	5
222	do	R. T. Lumsden	do	5 1
223	do	W. E. Heyer	do	4 4 6 9 5 3 6
5224 5225	do	T. M. Ghere	do	4
5226	do	W. E. Yount	do	g
227	do	Daniel Hahn	do	5
5228	do	W. E. Yount Daniel Hahn J. Ridgeley. M. Leigh E. R. Canady A. Shields J. Freeman Tom Libka	do	3
5229 5230	do	M. Leigh	do	11
5231	do	A Shields	do	6
5232	do	J. Freeman	do	7
233	do	Tom Libka	do	5
5234	do	F. Krukewitt	do	7
5235 5236	do	Elmer Whole	_do	9
5237 5238	do	E. S. Hayes	do	3
5238	do	T. M. Guynn	do	5
5239 5240	00	G Huret	do	2
5241	do	D. B. White	_do	, i
242	do	F. Schweinike	do	e
243	do	H. Richardson	do	8
244 245	do	T H Gordon	do	2
246	do	Tom Linka F. Krukewitt A. Ekblaw Elmer Whole E. S. Hayes T. M. Guynn R. P. Hayes G. Hurst D. B. White F. Schweinike H. Richardson I. W. Maxwell I. H. Gordon W. T. Hobeson W. T. Hobeson W. W. Meyer E. A. Smith J. F. Seltzer D. D. Hains T. A. Clark Lloyd Morey 20th Century Press Clipping Brueau Champaign News G. C. Willis Chester Transfer Co.	do	4
247	do	W. W. Meyer	do	4
248	do	E. A. Smith	do	4
249 250	ao	D. D. Hains	Traveling expenses	9 9
251	do	T. A. Clark	.do.	12
252	do	Lloyd Morey	do	18
$\frac{253}{254}$	do	Champaign News	Clippings	757 57 44 33 55 25 58 68 8 8 7 4 4 4 4 4 3 128 7 13 4 4 4 3 3 3 5 2 5 8 6 8 8 8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
255	do	G. C. Willis	Laboratory supplies	9
256	do	Chester Transfer Co	Livery	4
				21
5258 5259	do	Monmouth Creamery Co	do	8
5260	do	Spring Valley Creamery Co	.do	3
261	do	M. E. Simonsen	do	10
262	do	C. L. Jacobson	do	_3
5263 5264	00	A. J. Sponn	do	11
5265	do	Charleston Dairy Co	.do	10
5266	do	F. J. Weddige	do	1 7
5267	do	J. E. Haney Monmouth Creamery Co. Spring Valley Creamery Co. M. E. Simonsen C. L. Jacobson A. J. Spohn M. H. Anderson Charleston Dairy Co. F. J. Weddige P. J. Petersen Collier Bros H. E. Seigman W. F. Conway	do	7
5268 5269	do	Collier Bros	do	3 10 3 11 7 10 7 7 10 4 4
シムひび	do	11. 12. Doigman	<u>u</u> v	4

Vo.	Date.	To whom.	For what.	Amou
	1914.			
5271	Jan. 7	Ferdinand Grimm	Dairy products furnished depart-	
5272	do	John McCullough	ment of dairy husbandrydo.	\$ 32
E079	do	John McCullough Robt, Graham T. N. Burwash John Weiss	1 4 4	îî
5274	do	ROBE. Grainin T. N. Burwash John Weiss. S. Atchison C. C. Gordon C. Dunn L. D. Lindsey R. T. Lumsden W. F. Hampton R. A. Lumsden A. J. Putscher R. S. McInness M. Hudson A. R. Grindley T. P. Lyons	do	5
5275	do	John Weiss	do	12
5276	do	S. Atchison	do	8
5277 5979	Jan. 9	C. C. Gordon	do	5
5270 5270	do	T. D. Lindson	do	
5280	do	R T Lumedon	do	1 1
5281	do	W. F. Hampton	do	1 5
5282	do	R. A. Lumsden	do	l 6
5283	do	A. J. Putscher	do	1
5284	do	R. S. McInness	do	2
5285	do	M. Hudson	do	] 3
5286	do	A. R. Grindley T. P. Lyons E. A. Smith Geo, Schiff	do	
$\frac{5287}{5288}$				9
5289	do	Gao Schiff	do	1 3
5290	do	R Smith	do	}
5291	do	O. A. McInness	do	1
5292 5293	do	L. Creiger	do	1 7
5293	do	J. M. Stickrod	do	6
5294	do	E. A. Smith Geo. Schiff R. Smith O. A. McInness L. Creiger J. M. Stickrod C. W. Hamm I. H. Besore P. P. Dunn J. E. Henderson R. P. Hayes F. Hebto J. Ridgeley J. W. Rayburn W. J. Wilson J. F. Hubbard L. Libka W. E. Yount E. S. Hayes C. E. Smoot Van Carter Wm Case D. B. White J. B. White J. B. White J. B. Marsh T. M. Ghere C. C. Coulter G. Hobick E. R. Beavers C. C. Cochran W. Leishner	do	1 2
5295	do	L. H. Besore	do	1 3
5296 5297	do	P. P. Dunn		1 3
5298	do	D D Horos		2
5299	do	F Hetio	do	1 7
5300	do	I. Ridgeley	do	
5301	do	J. W. Rayburn	do	10
5302	do	W. J. Wilson	do	4
5303	do	J. F. Hubbard	do	1 8
5304	do	L. Libka	do	
5305	do	W. E. Yount	do	1 19
5300	do	E. S. Hayes		1 3
5308	do	Van Cartar	do	1 3
5309	do	Wm. Case	do	1 7
5310	do	D. B. White	do	
5311	do	J. B. Marsh	do	15
5312	do	T. M. Ghere	do	10
5313	do	C. C. Rayburn	do	
5314	do	J. A. Daeger		1 '
5315 $5316$	do	G Hobiek	do	1 :
5317	do	E R Beavers	do	1 1
5318	do	C. C. Cochran	do	
5319	do	W. Leishner	do	
5320	do	R. L. Meyers.	do	) ;
5321	do .	C. C. Cochran W. Leishner B. L. Meyers Pearl Hazen	do	110
5322	do	Fesi Hazen Ebb Leigh A. E. Hayes T. M. Guynn T. F. Jordan	do	-
5323		A. E. Hayes		1 :
5324 5325	do	T. M. Guynn.	do	1. 4
532A	do	C Ross	do	1 1
5327	- do	B. Jordan	do	1 1
5328	do	C. E. Kelly	do	1 7
5329	do	A. Ekblaw	do	
5330	do	Mary Warner	do	
5331	do	F. C. Stevenson	do	1 1
5332	do	F. L. Krugh		1 -
0000	qo	C A Forel	do	
532£	do	E M Frankenhurg	do	1 1
5336	do	A. Shields	do	1 7
5337	do	W. E. Satterfield	do	
5338	do	F. H. Busey	do	1 6
5339	do	E. R. Canady	do	] 13
5340	do	J. A. R. Koch	do	1
5341	do	F. Sheffer	do	.) (
5342	do	J. D. Pullam		1
5244		T Push	do	1 1
5245	do	T. M. Guynn T. F. Jordan C. Ross B. Jordan C. E. Kelly A. Ekblaw Mary Warner F. C. Stevenson F. L. Krugh Z. Alsip C. A. Fogel E. M. Frankenburg A. Shields W. E. Satterfield F. H. Busey E. R. Canady J. A. R. Koch F. Sheffer J. D. Pulliam G. W. VanMeter J. Rueb W. E. Womacks G. O. McMorris H. J. Krukewitt J. Mounts	do	1
5346	do	G. O. McMorris	do	
5347	do	H. J. Krukewitt	do	] :
		T Mounte	l do	1

ю.	Date.	To whom.	For what.	Amour
	1914.			
5349	Jan. 9	W. L. Davis	Dairy products furnished depart-	
2020	1	R. G. McMahon.	ment of dairy nusbandry	\$ 5
030U 5951	do	K. G. McManon	do	4
2259 1001	do	U Charry	do	7 6 10
5252	do	T H Richardson	do	10
5354	do	E. V. Percival	do	6
355	do	I. W. Maxwell	do	š
5356	do	W. C. Welch	do	3 3
5357	do	O. W. Hampton	do	5
5358	do	I. H. Besore	do	5 · 7
5359	do	G. Schiff	do	4
360	do	C. W. Hamm	do	1 5 6
361	qo	P. F. Dunn.	do	5
362	ao	F. Schweineke	do	9
0000		G. W. Vanmeter		0
2000	do	W. F. Harran	00	9
1366	do	W D Rohl	do	5 4 3 5
,367 1367	do	G. O. McMorris	do	4
368	- do	W. L. Davis	do	4 6
369	do	M. Cherry	1. do	4
370	do	W. T. Conway	ldo	$\hat{4}$
371	do	J. M. Herriott	do	4 4 4 5
372	do	W. T. Hobson	do	5
$37\bar{3}$	do	J. Willsey	do	4
374	do	W. L. Davis.  R. G. McMahon. J. Cornett. H. Cherry. T. H. Richardsom. E. V. Percival. I. W. Maxwell. W. C. Welch. O. W. Hampton. I. H. Besore. G. Schiff. C. W. Hamm. P. P. Dunn. F. Schweineke. G. W. VanMeter. C. A. Fogel. W. E. Heyer. W. D. Rohl. G. O. McMorris. W. L. Davis. M. Cherry. W. T. Conway. J. M. Herriott. W. T. Hobson. J. Willsey. Pearl Cardiff. Pantagraph Printing & Stationery Co. George E. Frazer. General Acoustic Co. W. L. Abbott. Florence E. Watson. L. Creiger. E. B. Resler. E. F. Lyons. G. Taylor. H. D. Stickrod. J. Freeman. A. J. Krukewitt. W. J. Wilson. F. H. Busey. E. R. Canady. J. Mounts. J. A. Cruzon. J. Ruelse. H. Cherry. J. Wilson. F. H. Busey. E. R. Canady. J. Mounts. J. A. Cruzon. J. Ruelse. H. Cherry. J. Wilenke.	do	_2
375	do	Pantagraph Printing & Stationery Co	Printing	73
376	Jan. 10	George E. Frazer	Traveling expenses	31
377	Jan. 12	General Acoustic Co	Dictograph rental	10
378	do	W. L. Abbott	Expenses	28 12
379	do	Florence E. Watson		12
りむめい	ao	L. Creiger	Dairy products lurnished depart-	1 7
:001	do	T D Doglan	ment of dairy nusbandry	3
:383	do	F F Lyone	do	9
1383	do	G Taylor	do	3
5384	do	H. D. Stickrod	do	5
5385	do	J. Freeman	do	2 3 5 4 5 4
5386	do	A. J. Krukewitt	do	5
5387	do	W. J. Wilson	do	4
5388	do	F. H. Busey	. do	. 6
5389	do	E. R. Canady	do	66 5 3 66
5390	do	J. Mounts	. do	6
5391	do	J. A. Cruzon	. do	5
392	ao	J. Rueb. H. Cherry L. J. Wienke J. A. R. Koch	do	3
2004	do	H. Cherry		0
TONE	ا مدا	T A D TZ-cl	1 3	
เอดผ	do	A. Firblow	do	1 4
5307	do	I B Marsh	do	] 3
3398	do	T. W. Maxwell	do	1 7
399	do	I. H. Gordon	. do	66 64 3 77 9
5400	do	L. E. Knorr	Traveling expenses	200
5401	do	Ernest Lawrence	Loan	200
5402	Jan. 13	J. A. K. Koth J. B. Marsh J. B. Marsh I. W. Maxwell I. H. Gordon L. E. Knorr Ernest Lawrence G. Schiff	Loan Dairy products furnished department of dairy husbandry	1
	1		ment of dairy husbandry	5
5403	do	C. Ross T. F. Jordan J. H. Jenks W. J. Kelly Mary Warner B. Jordan F. Knox Pearl Hazen	. do	12
5404	do	T. F. Jordan	. do	14
405	do	J. H. Jenks		] 5
406	do	W. J. Kelly		5
100		Mary warner		6
5400 5400	do	F Vnov	do.	5 12 14 5 5 6 8 5 7
, 208 5410	40	Pearl Hazen	do	1 7
5410	do	W C Welch	do	3
419	Jan. 14	Metzler & Schafer Co	Laboratory supplies	58
5413	do	M. W. Busev	Expenses.	58 150
5414	do	Flanigan-Pearson Co	Printing	49
5415	do	Pearl Hazen W. C. Welch Metzler & Schafer Co. M. W. Busey Flanigan-Pearson Co. Mrs. S. E. Roach R. S. McInness J. E. Henderson	Labor	6
5416	Jan. 15	R. S. McInness	Dairy products furnished depart-	l
	1		ment of dairy husbandry	2
5417	/ do	J. E. Henderson	. do	7
5418	do	W. F. Hampton	do	8
5419	do	J. E. Henderson. W. F. Hampton G. F. Diefenbach R. A. Lumsden. C. Dum R. T. Lumsden.	do	4
5420	)do	R. A. Lumsden	. do	22 77 88 44 66 44
5421	l do	C. Dunn	do	4
	N 3.	ID T Lumedan	1 40	1

<sup>\*</sup> Cancelled.

0.	Date.	To whom.	For what.	Amo
	1914.			
423	Jan. 15	L. F. Lindsey.	Dairy products furnished depart-	
424	do	C C Cordon	ment of dairy husbandry	\$
425	do	C. C. Gordon. A. J. Putscher	do	
426	do	E A Smith	do	
427	do	E. M. Frankenburg	do	
428	do	M. Leigh	do	
429	do	W. E. Satterfield	do	1
430	do	E. R. Canady	do	
431	do	F. Krukewitt	do	
432	do	T. M. Ghere	do	
433	do	F. Hetro	do	į
434	do	R. P. Hayes	do	
435	do	J. Cornett		
430	go	W. Case		1
437	do	C. M. VonMoton	do	
490	uo	A. J. Putscher E. A. Smith E. M. Frankenburg M. Leigh W. E. Satterfield E. R. Canady F. Krukewitt T. M. Ghere. F. Hetro R. P. Hayes J. Cornett W. Case C. A. Fogel G. W. VanMeter M. Cherry W. E. Womacks D. Hahn W. W. Meyer	do	\$
440	uo	W E Womacke	do	].
441	do	D. Hahn	do	
449	do	W. W. Mever	do	1
443	do	T. H. Richardson	do	1
444	do	Hubbard Portable Oven Co	Laboratory apparatus	2:
445	do	W. E. Womacks D. Hahn. W. W. Meyer T. H. Richardson. Hubbard Portable Oven Co. Alexander Tarracciano. Robert Smith, Jr. Palmer & Harris. O. E. Staples, Bursar The Daily Illini. The Miller Harness Co. N. Hay. Lloyd Morey. Alfred Steitz. Isabel Bevier Nina B. Crigler Georgia Fleming. Nellie Goldthwaite. Cora E. Gray. Florence Harrison. Maud Parsons. Helena M. Pincomb Lureene Seymour. Grace E. Stevens. Ruth Wheeler. O. E. Staples, Bursar John D. Bangs & Co. A. A. Sphung. H. I. Nelson. P. P. Dunn.	Loan	1
446	do	Robert Smith, Jr	do	1
447	do	Palmer & Harris	Entertainment	
448	do	O. E. Staples, Bursar	Sundry bills	:
449	do	The Daily Illini	Advertising	
450	do	The Miller Harness Co	Harness	-
151	do	N. Hay	Balance salary, January, 1914	
152	do	Lloyd Morey	do	3
153	ao	Alfred Stellz	Calama Tamanama 1014	2
104	Jan. 16	Nino D. Cuiglon	Salary, January, 1914	11
450	do	Georgia Flaming	do	10
457		Nollie Coldthyreite	do	18
150	uo	Core E. Grey	do	1
150	do	Florence Harrison	do	î
160	do	Mand Parsons	do	l ii
461	do	Helena M. Pincomb.	do	13
162	do	Lureene Seymour	do	14
463	do	Grace E. Stevens	do	1.1
464	do	Ruth Wheeler	do	14
465	do	O. E. Staples, Bursar	Student labor	١
466	do	John D. Bangs & Co	Laboratory apparatus	13
167	do	A. A. Sphung	Laboratory supplies	ĺ
168	jan. 17	H. I. Nelson	Dairy products jurnished depart-	
120	do.	D D Dunn	. do	
170	uo	O W Hompton	do	
171	do	G Schiff	do	
72	. do.	T. M. Guvnn	do	
173	do.	W. D. Rohl	do	l
74	do	A. Ekblaw	do	1
175	do	J. H. Umbanhowar	do	l
176	do	J. A. Curzon	do	l
177	do	D. B. White	do	1
178	do	A. E. Hayes	do	1
179	do	W. E. Heyer	do	
180	do	J. Ridgeley	ao	ĺ
81	do	A. Snields.	00	1
182	do	J. U. Snrock		
183	qo	W. L. Davis	ao	
184	o	J. W. KRYDUIII	do.	
100	op	C C Payburn	do	
100	uv	C Hobiek	do	
100	uo	I W Maxwell	_do	
180	do	E. V. Percival	do	
190	do.	J. Weiss	do	1
191	do	T. N. Burwash	do	_
192	do	R. Graham	do	1 1
193	do	J. McCullough	do	1
194	do	A. A. Spining.  P. P. Dunn O. W. Hampton G. Schiff. T. M. Guynn W. D. Rohl A. Ekblaw J. H. Umbanhowar J. A. Curzon D. B. White A. E. Hayes W. E. Heyer J. Ridgeley A. Shields J. C. Shrock W. L. Davis J. U. Davis J. W. Rayburn L. VanBuskirk C. C. Rayburn G. Hobick I. W. Maxwell E. V. Percival J. Wess T. N. Burwash R. Graham J. McCullough S. Atchison Julia F. Burnham Hospital G. E. Stechert & Co Lemcke & Buechner Ernst Hertzberg & Sons	do	11
195	Jan. 17	Julia F. Burnham Hospital	Hospital fees	11
	T 10	G. E. Stechert & Co.	Books	1
196l	<b>Jan. 1</b> 91			

To.	Date.	To whom.	For what.	Amou
- 400	1914.	D G 111		
	Jan. 19	R. Smith	Dairy products furnished department of dairy husbandry	\$ 4
5500	do	E. Grove. L. Creiger G. Taylor I. H. Besore. M. Hudson L. Libka B. H. Brower	do	\$ 0192411441030443335566
5501	do	L. Creiger	do	
5502 5503	do	I. H. Besore	do	
504	do	M. Hudson.	do	
505	do	L. Libka	do	1 8
505	do	L. Libka R. H. Brewer W. J. Wilson E. R. Canady G. Hurst W. E. Yount C. A. Fogel J. B. Marsh J. A. R. Koch Ebb Leigh G. O. McMorris J. H. Rutan Z. Alsip	do	]
508	do	E. R. Canady	do	F
509	do	G. Hurst	do	4
510	do	W. E. Yount	do	10
512	do	U. A. Fogel	do	
513	do	J. A. R. Koch	do	4
514	do	Ebb Leigh	do	â
515	do	G. O. McMorris	do	3
510 517	do	J. H. Kutan	do	ă
518	do	J. D. Pulliam	do	ä
519	do	Z. Alsip. J. D. Pulliam J. Rueb. C. R. Beayer	do	3
520	do	J. Kueb. C. R. Beaver E. L. Martin F. Schweineke Pearl Hazen Ed Heppe F. H. Busey. G. W. VanMeter I. H. Gordon W. T. Hobson C. J. VanHolten George O. Shields Laura B. Evans Florence E. Watson G. C. Creelman F. L. Hatch W. B. McNutt J. M. McDonald J. K. Kincaid H. J. Sconce Rosalie Gaut C. J. Galpin A. J. R. Curtis H. F. Major G. L. Shaw C. F. Mills	do	5
522	do	F. Schweineke	-do	a A
523	do	Pearl Hazen	do	4
524	do	Ed Heppe	do	5
25	do	F. H. Busey	do	.6
520 527	do	I H Gordon	do	6 8
28	do	W. T. Hobson	.do	5
529	do	C. J. VanHolten	do	5
530	do	George O. Shields	Lectures	50 95
32	do Zu	Florence E. Wetson	do do	95 18
33	do	G. C. Creelman	Lecture	60
34	do	F. L. Hatch	do	25
35	do	W. B. McNutt	do	10
37	do	J. M. McDonaid I K Kincaid	do	10 75
38	do	H. J. Sconce	Services as president, convention.	75 60
39	do	Rosalie Gaut	Accompanist	5
41	do	C. J. Galpin	Lecture	25
42	do	H F Major	do	10 25
43	do	G. L. Shaw C. F. Mills M. Carney R. L. Finney	do	15
44	do	C. F. Mills	do	10
45	do	M. Carney	do	25 10
47	do	R. L. Finney B F Harris	do	10
48	do	Charles Rourke	do	10
49	do	K. D. Horrall Hardware Co	Hardware	.8
50	ob	R. L. Fillings B. F. Harris. Charles Rourke. K. D. Horrall Hardware Co. J. A. Ritter. American Florist Co.	Field expenses	11
52	do	E. Stetson Crawford	Printing.	1 35
53	do	Olney Milling Co	Feeding stuff	35 47
54	do	Eugene Dietzgen Co	Laboratory supplies	13
55	oo	U., U., U. & St. L. K. R. Co	Printing	35 1, 445
57	do	Pantagraph Printing & Stationery Co	do	648
58		K. D. Horrall Hardware Co. J. A. Ritter  American Florist Co. E. Stetson Crawford Olney Milling Co. Eugene Dietzgen Co. C., C., C. & St. L. R. R. Co. A. Hoen & Co. Pantagraph Printing & Stationery Co. T. N. Burwash	Subscription Printing Feeding stuff Laboratory supplies Freight Printingdo Dairy products furnished department of dairy husbandry.	5
59 .	do	G. Schiff		5
60 .	do	A. E. Burwash	do	. 4
62	uo,	C Brown	do	4
63	.do	J. Ingleman	.dodo	4 12
64	.do	T T Torden	do	12
65	do	B. Jordan C. Ross Jos. Mounts	do	13
00 . 67	do	los Mounts	do	12 5
68	do	R. G. McMahon	do	3
69	do	G. C. Cochran	do	4
70	Jan. 21	R. T. Lumsden	do	2
71	on	los. Mounts G. G. Cochran G. C. Cochran G. T. Lumsden L. F. Lindsey G. F. Diefenbach C. Dunn R. A. Lumsden J. E. A. Lumsden	do	2 4
73	do	C. Dunn	_do	7
74	.do	R. A. Lumsden	do	7 4 5
mr!	do l	I E Henderson	do	5

To.	Date.	To whom.	For what.	Amour
E E 7.0	1914.	E. F. Lyon.  E. A. Smith. C. W. Hamm W. F. Hampton R. S. McInness C. C. Gordon J. Freeman J. Ridgeley. T. M. Ghere. J. Rueb W. Case L. Libka. H. Cherry C. C. Rayburn E. R. Canady G. W. VanMeter D. B. White. W. J. Kelly C. C. Coulter T. H. Richardson Mary Warner O. E. Staples, Bursar G. E. Frazer Carrie Alexander-Bahrenburg Honore Champion F. Bruckmann F. Bruckmann F. Bruckmann R. Friedlander & Son Pickering & Chatto. Alexander H. Reveil & Co. Wurttembergische Metallwarenfabrik Cleveland Grain Co. G. A. Denman Pantagraph Printing & Stationery Co. O. W. Hampton G. Schiff. L. Creiger P. P. Dunn	Dainy products furnished deport	1
9970	Jan. 21	E. F. Lyon	ment of dairy husbandry	\$ 5
5577	do	E. A. Smith	.do	\$ 54 22 77 11 77 37 37 35
5578	do	C. W. Hamm	do	2
5579	do	W. F. Hampton	do	7
558U 5581	do	R. S. McInness	do	1 7
5582	do	I. Freeman	do	7
5583	do	J. Ridgelev	ldo	3
5584	do	T. M. Ghere	do	7
5585	do	J. Rueb	do	3
0080 5597	do	W. Case	do	9
5588	do	H Cherry	do	6
5589	do	C. C. Rayburn	_do	6
5590	do	E. R. Canady	do	12 6
5591	do	G. W. VanMeter	do	6
5592	do	D. B. White	do	7
0093 5504	do	W. J. Kelly	do	7 4 4 8 5
5595	do	T. H. Richardson	do	8
5596	do	Mary Warner	do	5
5597	Jan. 22	O. E. Staples, Bursar	Sundry bills	89
5598	do	G. E. Frazer	Traveling expenses	48
5599 5400	do	Carrie Alexander-Bahrenburg	Books	334 18 1
5600 5601	do	F Bruckmann	Specimens	10
5602	do	R. Friedlander & Son	Books	5
5603	do	Pickering & Chatto	do	1
5604	do	Alexander H. Revell & Co	Building materials	117 117 148
5605 5006	do	Wurttembergische Metallwarenfabrik	Laboratory apparatus	148
0000 5607	Top 92	C A Denmen	Tobor	650 17 121
5608	do	Pantagraph Printing & Stationery Co	Printing	121
5609	do	O. W. Hampton	Dairy products furnished depart-	
	_		ment of dairy husbandry	4
5610	do	G. Schiff	do	4
5619 1106	do	L. Creiger	do	. 8
5613	do	E. Grove	do	
5614	do	A. E. Burwash	do	3
5615	do	A. E. Hayes	do	4
5616	do	C. A. Fogel	do	3
5617 6610	do	W. E. Womacks	do	2
5619	do	G. Schiff	do	3 4 3 2 5 5 4 3 4
5620	do	W. E. Hever	do	4
5621	do	J. Cornett	do	3
5622	do	A. Ekblaw	do	4
5623	do	F. Sneffer	do	5
5695	uo	T W Movmell	do	9
5626	do	W. C. Welch	.do	8
5627	Jan. 26	C. M. McConn	Traveling expenses	19 28
5628	do	W. E. Heyer J. Cornett A. Ekblaw F. Sheffer E. V. Percival I. W. Maxwell W. C. Welch C. M. McConn Laura B. Evans I. H. Besore. R. Smith	do	28
0629	Jan. 27	т. н. везоге	Dairy products furnished depart-	
5630	do	R. Smith	do	8
5631	do	C. E. Burk	do	3
5632	do	G. Taylor.	do	3
633	do	H. D. Stickrod	do	4
0034	do	A. R. Grindley	do	5
5636	do	C R Regwer	do	
637	do	L. J. Wienke	-do	5
638	do	J. Rueb	do	4
639	do	W. E. Yount	do	ļ <u>9</u>
640	do	F. Hetro	do	• 5
642	ao	Pagel Hazan	do	4
643	do	E. S. Haves	do	33 4 5 3 5 5 4 9 9 5 4 4 6 6 4 3 4 6 6
644	do	W. E. Satterfield.	.do	3
645	do	W. J. Wilson.	do	4
646	do	E. R. Canady	do	6
647	do	G. Hobick	do	5
5640	ao	I. H. Besore.  R. Smith. C. E. Burk G. Taylor H. D. Stickrod A. R. Grindley M. Hudson C. R. Beaver L. J. Wienke J. Rueb W. E. Yount F. Hetro R. L. Myers Pearl Hazen E. S. Hayes W. E. Satterfield W. J. Wilson E. R. Canady G. Hobick J. W. Rayburn W. L. Davis F. H. Busey J. B. Marsh	do	5 3 11 5
שבטו	uu	F. H. Busev	do	5 7
56501				

ſo.	Date.	To whom.	For what.	Amou
5659	1914. Jan. 27	J. A. R. Koch	Dairy products furnished deport	
J002	Jan. 21	J. A. R. KOUII	Dairy products furnished department of dairy husbandry	\$ 8
5653	do	G. W. VanMeter	do	\$ 5
5654	do	I. H. Gordon	do	8
5656	do	G A Goodenough	Traveling avnenses	1
5657	Jan. 28	J. A. R. Koch.  G. W. VanMeter I. H. Gordon W. T. Hobson G. A. Goodenough G. Schiff E. F. Lyon B. Jordan T. F. Jordan J. Ridgeley F. Knox C. Ross. W. J. Kelly F. Schweineke M. Cherry T. M. Guynn W. E. Heyer Mary Warner E. B. Resler A. Ekblaw A. E. Burwash S. G. Richards C. J. VonHolten H. R. Smith, Treasurer, Central Assn. of Science & Mathematics Teachers. The Classical Assn. of Middle West & South	Dairy products furnished depart-	,
658	do	E. F. Lvon	1d0	
659	do	B. Jordán	do.`	1' 1: 1:
6660	do	T. F. Jordan	do	1
8889 1001	do	J. Klageley		:
6663	do	C Ross	do	1 1
664	do	W. J. Kelly	do	
665	do	F. Schweineke	do	i
6666	do	M. Cherry	do	
888	ao	W E Hover	do	
669	do	Mary Warner	do	
670	do	E. B. Resler	do	
671	do	A. Ekblaw	do	
672	do	A. E. Burwash	do	
0/3 674	0D	C. T. Von Holton	do	
675	do	H. R. Smith, Treasurer, Central Assn. of	Magazina	
676	do	The Classical Assn. of Middle West &	Magazme	
677	do	South. The Lawyers Cooperative Publishing Co.	do	
678	do	American Leather Chamists Assn	Books	
679	. do	Railroad Commission, State of California	do	
680	do	Chivers Book Binding Co	do	1
681	do	The Lawyers Cooperative Philisming Co. American Leather Chemists Assm. Railroad Commission, State of California Chivers Book Binding Co.  O. E. Staples. R. A. Lumsden.  A. J. Putscher. L. F. Lindsey. W. F. Hampton. R. T. Lumsden. G. F. Diefenbach. I. H. Gordon. R. S. McInness. C. C. Gordon. C. Dunn. E. A. Smith. J. D. Pittman. Wm. Case. C. E. Smoot. G. W. VanMeter. W. J. Wilson. C. A. Fogel. H. J. Moorehouse. L. Libka. D. Hahn. G. Hurst.	Traveling expenses	1
682	ao	R. A. Lumsden	Dairy products jurnished depart-	
683	do	A. J. Putscher	do	
684	do	L. F. Lindsey	do	
685	do	W. F. Hampton	do	l
686	do	R. T. Lumsden	do	
1001 1688	do	T H Gordon	do	
689	do	R. S. McInness	do	
690	do	C. C. Gordon	do	
691	do	C. Dunn	do	
602	do	E. A. Smith		
694	do	Wm. Case	do	
695	do	C. E. Smoot.	do	
696	do	G. W. VanMeter	do	
697	do	W. J. Wilson.	do	
600	do	H I Moorehouse	do	1
700	do	L. Libka	-do	
701	do	D. Hahn.	do	
702	do	G. Hurst	do	
703	do	D. Links G. Hurst G. Hurst G. P. Hayes G. O. McMorris F. Krukewitt T. M. Ghere E. M. Frankenburg	do	
705	do	F. Krukewitt	do	1
706	do	T. M. Ghere	do	
707	do	E. M. Frankenburg	do	
708	do	J. Freman	do	
7109 710	do	I H IImhanhowar	do	
711	do	E. R. Canady	_do	1
712	do	O. A. Foster	do	1
713	do	T. H. Richardson	do	!
714	00	W. W. Meyer	do	
716	Jan. 20	Paul R. A. Preus	Loan	12 10 7
717	do	William Burnett, Jr	do	10
718	do	Raymond D. Stift	do	7
719	do	Tice & Lynch	Postage	
572U	do	G E Stechart & Co	do.	1
5722	do	A. C. McClurg & Co	_do	4
5723	do	E. M. Grankenburg J. Freman J. Rueb J. H. Umbanhowar E. R. Canady O. A. Foster. T. H. Richardson W. W. Meyer I. W. Maxwell Paul R. A. Preus. William Burnett, Jr. Raymond D. Stitt Tice & Lynch Ernst Hertzberg & Sons G. E. Stechert & Co A. C. McClurg & Co Bennett's Magazine Agency B. S. Pickett. O. E. Staples, Bursar	do	12 10
5724	Jan. 30	B. S. Pickett	Traveling expenses	10
5/25	Id0	IU. E. Staples, Bursar	Kepates	22

To.	Date.	To whom.	For what.	Amou
	1914.		Dairy products furnished depart-	7
5726		T. P. Lyon	Ban's produces farmence depart	, 8 3
5727	do	L. Creiger	do	4
5728 5729	do	E. Grove. A. R. Grindley.	do	5 6 2 6 4
5729	do	A. R. Grindley Ebb Leigh J. E. Henderson G. Taylor G. Schiff J. Mounts C. C. Rayburn W. J. Kelly L. A. Curzon	do	
5731	do	EDD Leign	do	2
5732	do	G. Taylor	-do	2
5733	do	G. Schiff	do	8
5734	do	J. Mounts	do	4.65
5735 5736	do	C. C. Rayburn	do	
5737	do	I A Curzon	do	Ι,
5738	do	A. G. Krukewitt. W. Leischner.	do	
5739	do	W. Leischner	do	5 5
	do	W. Detschilds. E. V. Percival. O. F. Foster. F. T. Ritter. C. W. Pfiester.	do	
5741	Feb. 2	C F Foster	Military carvions	12
5743	. do	F. T. Ritter	do	12
5744	do	C. W. Pfiester	Dairy products furnished depart-	
			ment of dairy husbandry	6 4 6 2 7 4
5745 5746	do	I. H. Besore	do	]
5747	do	I. H. Desore. O. W. Hampton. P. P. Dunn. M. Hudson. A. Dunn. W. D. Rohl.	do	9
5748	do	M. Hudson.	do	3
5749	do	A. Dunn	do	7
5750	do	W. D. Rohl	do	4
$\frac{5751}{5752}$	do	Z. Alsip. E. A. Hayes. W. VanBuskirk.	d <b>0</b>	4
5753	do	W. VanBuskirk	_do	
5754	do	E. R. Canady	do	į
5755	do	W. VanBuskirk E. R. Canady L. G. VanBuskirk J. Cornett	do	2
5756	do	J. Cornett	do	27.25.0
5757 5758	ao	C. E. Kolly	do	4
5758 5759	do	F. H. Busev	.do	- 2
5760	do	D. B. White	do	8
5761	do	J. Cornett. A. Ekblaw. C. E. Kelly. F. H. Busey. D. B. White. G. W. VanMeter. J. A. R. Koch. M. Cherry. E. S. Hayes. J. Ridgeley. E. L. Martin. M. Leigh.	do	
5762 5763	do	J. A. K. K.OCN	do	4
5764	do	E S Haves	do	3
5765	do	J. Ridgeley	do	3
	do	E. L. Martin	do	
5767 5768	do	M. Leigh	do	1
5769	do	Paarl Hazan	do	. 2
5769 5770	do	C. R. Beaver	do	
771	do	W. C. Welch	do	:
5772 5773	do	E. L. Martin M. Leigh . H. F. Ridgeley Pearl Hazen C. R. Beaver W. C. Welch W. T. Hobson I. W. Maxwell S. Atchison I. M. McCullough	do	1
774	do	I. W. Maxwell	do	
	do	J. McCullough	.do	1
776	do	J. Weiss.	do	'
777	do	J. McCullough J. Weiss. T. N. Burwash.	do	13 13 10 20 20 20
778	Feb. 3	T. N. Burwash. R. Graham S. H. Dodisman. E. L. Boyer. G. J. Koons. J. R. Trevett. G. E. Frazer. A. J. Todd. C. Klincksieck Bernh. Liebisch. Joseph Baer & Co. John Davis. Gustay Fock	. do . do . draveling expenses . do . do	13
780	.do	E. L. Bover	do	1
781	do	G. J. Koons	do	8
782	do	J. R. Trevett	do	1
783 784	do	G, E. Frazer	do	2
785	do	C. Klincksieck	do Books	}
786	do	Bernh. Liebisch.	do	2
787 788	do	Joseph Baer & Co	do do do	15
788	do	John Davis	do	15
790	uv	Paul Gottschalk	do	}
791	dol	P. Wytsman	do	58
792	do	Martinus Nijhoff	do	4
793	do	Holland Bros	do	1,7
795	do	Pickering & Chatto	do	15
796	do	Honore Champion.	do	
5797	do	Silico Syndicate Ltd	do	54
798	do	M. S. Sanchez	do	55 41 18 54 54 54
5800	do	John Davis Gustav Fock Paul Gottschalk P. Wytsman Martinus Nijhoff Holland Bros Luzac & Co Pickering & Chatto Honore Champion Silico Syndicate Ltd M. S. Sanchez J. B. Mulot Arthur Reader Max Niemeyer Ludwig Rosenthal	00	. 9
	uv	Ai mur Reader	uv	37
5801	do !	Max Niemever	1 -00	

To.	Date.	To whom.	For what.	Amour
	1914.			
5803	Feb. 3	Karl W. Hiersemann. J. D. Pittman.  F. Schweineke J. Rueb. C. Ross. T. F. Jordan. G. W. VanMeter R. Smith. E. F. Lyon. E. F. Lyon. B. W. Smalley A. E. Burwash G. Schiff B. Jordan J. Freeman C. A. Fogel G. C. Cochran J. Ingleman Mary Warner E. A. Smith C. B. Birky G. F. Diefenbach R. T. Lumsden L. F. Lindsey R. A. Lumsden C. Dunn C. G. Gordon R. S. McInness G. Taylor W. F. Hampton W. J. Wilson R. P. Hayes F. Hetse L. Libka T. M. Ghere G. Hobick C. C. Rayburn W. L. Davis J. W. Rayburn T. M. Guynn W. L. Davis J. W. Rayburn J. H. Rutan J. H. Rutan J. H. Rutan J. H. Rutan J. H. Rutan J. H. Rutan J. H. Rordon L. F. H. Grodon S. V. Mayhen L. H. Gordon S. V. Mayhen L. H. Gordon L. H. Gordon S. V. Mayhen L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon S. V. Mayhen L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. H. Gordon L. E. Knorr	Specimens	\$ 9
5804	Feb. 4	J. D. Pittman	Dairy products furnished depart-	
	3.	III. Clahamain also	ment of dairy husbandry	1
5000 5000		F. Schweineke	do	. 5
5807	do	C. Ross	do	8
5808	do	T. F. Jordan	_do	8 12
5809	do	G. W. VanMeter	do	5 3
5810	do	R. Smith	do	3
1180	do	E. F. Lyon	do	47
5813	do	A F. Burwech	do	4
5814	do	G. Schiff	1do	4
5815	do	B. Jordan	do	13
5816	do	J. Freeman	do	6 3
5817	do	C. A. Fogel	do	3
5818	do	G. C. Cochran	do	4
283U	ao	Mory Worner	do	5
5821	do	E A Smith	do	3
5822	Feb. 5	C. B. Birky	do	4 4 5 3 4
5823	do	G. F. Diefenbach	do	ã
824	do	R. T. Lumsden	do	1
825	do	L. F. Lindsey	do	2 3 5 6
8207	ao	K. A. Lumsden	do	3
5828	do	C. C. Gordon	do	l 8
5829	do	R. S. McInness	-do	2
5830	do	G. Taylor	do	4
5831	do	W. F. Hampton	do	4
5832	do	W. J. Wilson	do	2 4 4 3
0833	do	R. P. Hayes	do	1 4
0804 5835	do	W Cose	do	4
5836	do	T. Tihka	do	3
5837	do	T. M. Ghere.	do	4
5838	do	G. Hobick	do	4
5839	do	C. C. Rayburn	do	3 4 4 6
5840	do	W. E. Yount	do	7
5841	do	T. M. Guynn		4
5843	do	I W Rayburn	do	3
5844	do	J. H. Rutan	do	š
5845	do	J. B. Marsh	do	7
5846	do	E. R. Canady	do	8
5847	do	T. H. Richardson	do	4 3 3 7 8 5
5848	do	S. V. Maynen	d0	3
0049 5050	do	T H Gordon	do	7
5851	do	L. E. Knorr	Traveling expenses	6
5852	do	I. W. Maxwell I. H. Gordon L. E. Knorr Florence E. Watson Illinois State Reformatory Illinois Motor Car Sales Co The Beardsley Hotel Co L. Creiger	do	6
5853	do	Illinois State Reformatory	Printing	14
5854	do	Illinois Motor Car Sales Co	Automobile service	72
0855	do	The Beardsley Hotel Co	Doiry products furnished desert	4
0000	r.en. 0	D. Oroigoi	ment of dairy husbandry	3
5857	do	G. Schiff	do	3 3 4 7
5858	do	G. Schiff. J. E. Henderson. E. Grove. J. A. Curzon. C. R. Beaver. E. L. Martin. G. O. McMorris. S. G. Richards. W. I. Kelly	do	4
5859	do	E. Grove	do	7
860	do	J. A. Curzon	do	4
1080		E. L. Martin	ao	4
1862	do	G O McMorris	do	3
5864	do	S. G. Richards	do	3
5865	do	W. J. Kelly	do	. 3
5866	do	G. Herriott	do	3
5867	do	W.E. Womacks	do	2
5868	do	J. H. Jenks	do	4 4 11 4
5869 5870	uo	H Charry	do	11
5871	do	M. Cherry	do	4
5872	do	J. Rueb	do	3
5873	do	A. E. Burwash	do	) 3
5874	do	E. V. Percival	do	399
5875	do	Flanigan-Pearson Co	Printing	399
5876	do	C. R. Beaver E. L. Martin G. O. McMorris S. G. Richards W. J. Kelly G. Herriott W. E. Womacks J. H. Jenks F. Knox H. Cherry M. Cherry J. Rueb A. E. Burwash E. V. Percival Flanigan-Pearson Co. Carl H. Reuter O. E. Staples, Bursar A. Pichler W. Junk	Laporatory apparatus	260 90 25
5877	Feb. 7	A Pichler	Specimens	90
0010	do	A. I willot	D Poormons	3

lo.	Date.	To whom.	For what.	Amou
	1914.	Oswald Weigel Dultz & Co W. L. Abbott A. R. Grindley H. I. Nelson.		
5880	Feb. 7	Oswald Weigel	Books	\$ 46
5881	do	Dultz & Co	do	50
5882	do	W. L. Abbott	Expenses	50
883	Feb. 9	A. R. Grindley	Dairy products furnished depart-	
	_		ment of dairy husbandry	1
884	do	H. I. Nelson	do	2
5885	do	T. P. Lyon	do	2
5886	do	A. Dunn	do	(
887	do	P. P. Dunn	do	5
888	do	C. C. Gordon	do	:
889	do	O. W. Hampton	do	:
890	do	C. W. Hamm	do	
891	do	J. Ridgeley	jdo	
892	do	E. Heppe	do	4
893	do	C. E. Burk	do	
894	do	J. D. Pittman	do	
895	do	C. A. Fogel	do	. :
896	do	W. J. Wilson	do	
897	do	E. B. Resler	.do	
898	do	H. J. Moorehouse	do	
899	do	L. Weinke	do	
900	do	C. W. Pfeister	do	
901	do	F. H. Busev	do	
902	do	I. H. Besore	do	
903	do	I. H. Gordon	do	
904	oh	G. W. Clark	do	ì
040	Feb. 10	A. R. Grindley H. I. Nelson T. P. Lyon A. Dunn P. P. Dunn C. C. Gordon O. W. Hampton C. W. Hampton C. W. Hamm J. Ridgeley E. Heppe C. E. Burk J. D. Pittman C. A. Fogel W. J. Wilson E. B. Resler H. J. Moorehouse L. Weinke C. W. Pfeister F. H. Busey I. H. Besore I. H. Gordon G. W. Clark Poehlmann Bros. Co O. E. Staples, Bursar Soft Water Laundry Charles W. Wolcott E. A. Smith G. Taylor	Supplies	3
905	1 do 10	O E Staples Burgar	Rehates	4
908	do	Soft Water Laundry	Laundry	**
907	do	Charles H Lamon & Charles W Wolcott	Commission	110
908	do	E A Smith	Dairy products purnished depart	11(
000		z. z. Dillibil.	ment of dairy husbandry	
ഹര	do	G. Taylor	ment of dairy husbandry	;
ดาก	do	G Schiff	do	
011	uo	C F Kally	do	:
010	uo	W. I. Dovie	do	•
012	ao	W E Hover	do	
014	uo	G. Taylor G. Schiff C. E. Kelly W. L. Davis W. E. Heyer W. Leischner T. F. Jordan C. Ross B. Jordan Ebb Leigh E. M. Smalley G. W. VanMeter E. R. Canady J. Mounts N. Hahn A. E. Burwash J. Rueb J. Freeman N. A. Peterson Gibson City Creamery Co Frank B. Richardson Clarence P. Griffith Roy A. Horning John D. Culp Linn J. Nye	uo	•
012	ao	W. Delschiller	uo	
919	uo	C. Dosa	uo	Ţ,
910	ao	P. Iondon	do	4.
010 91/	ao	The Taigh	do	10
OTO	uo	E M Cmollon	do.	
ดาล	ao	C W VerMeter	do.	,
020	uo	E D Conody	do	1
000 000	uo	т. м. сацасу	do	4
002		J. MOUIIIS	uo	4
923		N. Halli		t
924	00	A. E. BUFWaSh	uo	2
925	do	J. KU6D		4 6 8
926	do	J. Freeman	ao	
927	do	N. A. Peterson.	[ao	
928	do	Gioson City Creamery Co	- ao	50
929	rep. 11	Frank B. Richardson	Loan	.50
930	qo	Clarence P. Grimtn	ao	150 78
331	do	Koy A. Horning	ao	78
132	do	jonn Ď. Cuip	do	100 100
133	do	John D. Culp Linn J. Nye. W. F. Hampton.  R. S. McInness. C. C. Gordon. C. Dunn. G. F. Diefenbach L. F. Lindsey R. A. Lumsden. R. T. Lumsden. M. Hudson.	do	100
34	do	W. F. Hampton	Dairy products furnished depart-	
_	_		ment of dairy husbandry	4
35	do	R. S. McInness	do	4
36	do	C. C. Gordon	do	8
37	do	C. Δnui	ao	4
38	do	G. F. Diefenbach	do	2
39	do	L. F. Lindsey	[do	. 2
40	do	R. A. Lumsden	do	. 3
141	do	R. T. Lumsden	do	1
142	do	M. Hudson	do	3
943	do	D. Hahn	do	
944	do	T. M. Ghere	do	4
945	do	G. W. VanMeter	do	5
946	do	W. E. Womacks	do	2
	do	W. E. Satterfield.	do	- 2
9471.	do	F. Krukewitt	do	3
947 948		O O Davrhauma	do	ň
947 948 949	do	U. U. BAVOUITI		
947 948 949 950	do	C. E. Fisher	-do	3
947 948 949 950	do	C. E. Fisher	do	3
947 948 949 950 951	do do	C. C. Rayburn C. E. Fisher H. J. Moorehouse	do	3 3 3
947 948 949 950 951 952	dodo	M. Hudson D. Hahn T. M. Ghere G. W. VanMeter W. E. Womacks W. E. Satterfield F. Krukewitt C. C. Rayburn C. E. Fisher H. J. Moorehouse F. Krugh Pearl Hazen C. A. Fogel	.do	6 5 3 3 6

Vo.	Date.	To whom.	For what.	Amo
	1914.			
5955	Feb. 11	J. D. Pittman	Dairy products furnished department of dairy husbandry	8
956	do	D. S. Herriott. J. Rueb. J. A. R. Koch. D. B. White. W. E. Yount. J. B. Marsh. W. C. Welch. I. W. Maxwell. I. H. Gordon. B. S. Pickett. A. R. Grindley E. Grove.	do	•
5957 5958	do	J. Rueb	do	
959	do	D. B. White	.do	
960	do	W. E. Yount	do	
$\frac{961}{962}$	do	J. B. Marsh	do	
963	do	I. W. Maxwell	do	
964	do	I. H. Gordon	do	
965 066	Feb. 12 Feb. 13	B. S. Pickett	Traveling expenses	10
900	r 60. 10	A. It. Grindley	ment of dairy husbandry	
967	do	E. Grove	do	
968 aga	do	L. Creiger	do	
970	do	W. VanBuskirk	do	
971	do	A. E. Hayes	do	
972 073	do	A. E. Burwash	do	
974	do	H. J. Moorehouse.	.do	
975	do	A. R. Grindley E. Grove L. Creiger J. E. Henderosn W. VanBuskirk A. E. Hayes A. E. Burwash G. R. Evans H. J. Moorehouse M. Cherry A. Shields R. L. Wirt W. J. Kelly Lloyd Morey Smith-Totman Co J. F. Witty St. Louis Symphony Society I. J. Mix H. H. Krog Sam Grimm	do	
ษ/ชี 977	do	R. L. Wirt	do	
978	do	W. J. Kelly	do	
979	do	Lloyd Morey	Traveling expenses	1
980 981	do	J F Witty	Labor	
982	Feb. 14	St. Louis Symphony Society	Orchestra concerts	1,00
983	Feb. 16	I. J. Mix	Dairy products furnished depart-	
984	do	H. H. Krog	do	
	do	Sam Grimm	do	
986 987	do	Green River Creamery Co	do	
987 988	do	M. H. Anderson	do	
989	do	H. H. Krog. Sam Grimm Green River Creamery Co. W. Conway. M. H. Anderson. P. J. Peterson. J. R. Newberry. G. Hoppenstadt. M. E. Simosen. C. R. Reiter. W. R. Meier. Richmond Bros. Co. N. Muller	do	
$\frac{990}{991}$	do	J. R. Newberry	do	1
$991 \\ 992$	do	M. E. Simosen	do	,
993	do	C. R. Reiter	do	
994 995	do	W. R. Meier	do	
996 996	do	N. Muller	do	
997	do	W. P. Gilbert	do	
998 999	do	F. J. Weddige	do	
000	do	W. Madsene	do	
001	do	B. K. Peters	do	
002	do	H. W. VanDyke	do	
003 004	do	F. Grimm	do	
005	do	R. J. Collier	do	
0061	do	O. W. Albright	do	
007	do	C. L. Jacobson	do	
009 l	do	A. J. Spohn	do	
010	do	P. Damgaard	do	
$011 \\ 012$	do	M. Nielson	do	
013	do	J. G. Vess	do	_
014	do	George Caven	do	2
016	do	I. H. Besore	do	
017	do	W. D. Rohl	do	
018	do	H. Cherry	do	
$019 \\ 020$	do	F. Knox.	do	
0211	do	W. J. Wilson	do	
$\frac{022}{023}$	do	W. E. Womacks	do	
024	do	F. Hetro	do	
025	do	A. Ekblaw	do	
$\frac{026}{027}$	do	W. R. Meier. Richmond Bros. Co. N. Muller W. P. Gilbert F. J. Weddige F. Szerlong W. Madsene. B. K. Peters. H. W. VanDyke H. L. Moore. F. Grimm. R. J. Collier O. W. Albright F. F. Lockwood C. L. Jacobson A. J. Spohn P. Damgaard R. Wagner M. Nielson J. G. Vess George Caven O. W. Hampton I. H. Besore. W. D. Rohl H. Cherry. E. L. Martin F. Knox W. J. Wilson W. E. Womacks E. R. Canady F. Hetro A. Ekblaw Gilmore Creamery Co. A. Dunn Eggleston's Music House United States Audit Co.	do	
	do	Eggleston's Music House	Piano rent	4
===	do	United States Audit Co.	Auditing	35

To.	Date.	To whom.	For what.	Amou
	1914.	T. N. Burwash.  S. Atchison. John Weiss J. McCullough. F. L. Swanson. B. Graham. E. F. Lyons. R. Smith. P. P. Dunn. G. Schiff. G. Taylor. A. E. Burwash. H. Allison. B. Clark. C. E. Kelly. C. E. Burk. T. Green. B. Jordan. C. Ross. T. F. Jordan. W. J. Kelly J. Freeman. E. W. Smalley G. Hobick. W. Case. J. Ridgeley C. E. Smoot. C. E. Fisher. E. S. Hayes. T. H. Richardson. F. Schweineke. O. E. Staples, Bursar R. T. Lumsden. C. Dunn. W. F. Hampton.		
6030	Feb. 17	T. N. Burwash	Dairy products furnished depart-	\$ 3
6031	do	S. Atchison	do	\$ 3 2 2 1
6032	do	John Weiss	do	2
6033	do	J. McCullough	do	] 1
6034	do	F. L. Swanson	do	1 4
ยบอย หกรห	Feb 18	E F Lyone	do	10 10 7
6037	do	R. Smith	.do	7
6038	do	P. P. Dunn	do	6
3039	do	G. Schiff	do	6.
5040	do	G. Taylor	do	4
3041	do	A. E. BUIWASH	do	4
3043	do	B. Clark	-do	4 4 3
3044	do	C. E. Kelly	do	3
3045	do	C. E. Burk	do	3
3046	do	T. Green	do	1 2
3047	do	C Poss	do	12
3049	do	T. F. Jordan	_do	12 12 6 11 4
3050	do	W. J. Kelly	do	4
3051	do	J. Freeman	do	6
052	do	E. W. Smalley	do	6
1053 1053	do	W. Coso	ao	3
3055	do	J. Ridgelev	do	3
3056	do	C. E. Smoot	-do	3
057	do	C. E. Fisher	do	3
058	do	E. S. Hayes	do	. 3
059	do	T. H. Richardson	do	5
1061	do	O E Stanles Burger	Rehater	260
061	Feb. 19	R. T. Lumsden	Dairy products furnished depart-	200
			ment of dairy husbandry	2 2
3063	do	R. A. Lumsden	do	2
0064	do	C. Dunn	do	3
3003	do	C W Hamm	do	1
3067	do	R. S. McInness	-do-:	4
3068	do	C. C. Gordon	do	5
3069	do	L. F. Lindsey	do	2
3070	do	C. A. Fogel	do	3
071	do	T. ElliQtt	do	4 3
073	do	T. M. Glay loll	do	5
074	do	D. Herriott	_do	5
075	do	W. E. Womacks	do	2
076	do	E. B. Resler	do	3
077	do	Mary Warner	do	4
070	uo	T M Chara	do	4
080	do	E. R. Canady.	do	5
081	do	M. Cherry	do	š
082	do	R. P. Hayes	do	2 4
083	do	G. E. Stapies, Bursar R. A. Lumsden C. Dunn W. F. Hampton C. C. W. Hamm R. S. Melmess C. C. Gordon L. F. Lindsey C. A. Fogel F. Elliott T. M. Clayton T. M. Glayton T. M. Glayton D. Herriott W. E. Womacks E. B. Resler Mary Warner R. L. Wirt T. M. Ghere E. R. Canady M. Cherry R. P. Hayes J. W. Rayburn N. Hahn J. A. R. Koch W. E. Yount H. I. Nelson F. H. Busey G. W. Van Meter C. E. Fisher E. L. Martin F. Krugh J. R. Kordon J. R. Kueb I. H. Gordon I. H. Gordon I. H. Gordon I. H. Gordon I. H. Gordon I. H. Gordon I. H. Maxwell E. A. Smith W. L. Davis	do	4
085	op	J. W. Kayburn N. Hahn	uo	3 7
086	do	J. A. R. Koch	-do	5
087	do	W. E. Yount.	do	5
088	do	H. I. Nelson	do	1
089	do	F. H. Busey	do	7
090	do	G. W. Van Meter	do	10
091	do	E. T. Martin	uo	3
093	do	F. Krugh	do	3
094	do	J. Rueb	do	3 3 7
095	do	I. H. Gordon	do	7
096	do	I. W. Maxwell		6
008 081	do	W. L. Davie	do	3 4
099	do	I. W. Maxwell E. A. Smith. W. L. Davis Pearl Hazen F. C. Bauer W. L. Burlison I. W. Dickerson E. T. Ebersol K. J. T. Eckblaw F. A. Fisher O. S. Fisher	do	3
100	do	F. C. Bauer	Salary, February, 1914	133
101	do	W. L. Burlison	do	116 133
102	do	I. W. Dickerson	do	133
103	do	E. T. Ebersol	do	60
1105	uo	F A Fisher	do.	133 100
/=UU		1 · 41 · 1 · 101101 · · · · · · · · · · · · ·	J -	208

0.	Date.	To whom.	For what.	Amou
_	1914.	A. F. Gustafson. Leonard Hegnauer M. E. Jahr J. G. Mosier J. H. Pettit C. O. Reed L. H. Smith H. W. Stewart E. A. White, A. L. Whiting D. O. Barto Sleeter Bull W. J. Carmichael W. J. Carmichael W. J. Carmichael W. J. Carmichael W. J. Carmichael W. J. L. Edmonds W. F. Handschin H. W. Mumford C. I. Newlin H. W. Mumford C. I. Newlin H. P. Rusk F. M. Simpson W. H. Smith J. J. Yoke R. E. Brand W. T. Crandall W. J. Fraser R. S. Hulee O. A. Keller Le Roy Lang H. N. Parker		
.07	Feb. 19	A. F. Gustafson	Salary, September, 1914	\$17 25 14
เกอ	00	Leonard Hegnauer	do	25
10	do	I G Mosier	do	20
111	do	J. H. Pettit	do	29 25
112	do	C. O. Reed	do	$\tilde{1}\tilde{2}$
113	do	L. H. Smith	do	29 15 17
114	do	H. W. Stewart	do	15
115	do	E. A. White	do	17
116	do	A. L. Whiting	do	15
117	do	D. O. Barto		20 13
110	do	W I Carmiched		19
120	do	W. C. Coffey	do	9 26 20 20 20
121	do	I A Detlefsen	do	20
122	do	I. L. Edmonds	do	20
123	do	W. F. Handschin	do	20
124	đo	H. W. Mumford	_do	41 10
125	do	C. I. Newlin	do	10
126	do	H. P. Rusk	do	20
127	do	F. M. Simpson	do	13
128	do	W. H. Smith.	do	12
129	do	J. J. Yoke	do	10 20 13 12 8 17 15 29 11
130	do	R. E. Brand	do	17
131	do	W. T. Crandall	do	15
132	do	W. J. Fraser	do	29
33	do	K. S. Hulce	do	11
34	do	O. A. Keller	do	. 9
135		Lekoy Lang	do	17
27	do	H. N. Parker		17 20 13
100	do	H. A. KUEDE		19
20	do	W. W. Tapp	do	9
40	do	S T Role	do	9 8 15 6 29 25 15
41	do	A S Colby	do	6
42	do	C. S. Crandall	do	29
43	do	H. B. Dorner	do	25
44	do	C. E. Durst	do	15
145	do	L. E. Foglesong.	do	īĭ
146	do	R. W. Hoffman	do	7
147	do	J. W. Lloyd	do	11 7 29
L48	do	Wilhelm Miller	do	25 10
L49	do	C. M. Robinsons	do	10
50	do	R. R. Root	do	20 12
51	do	F. A. C. Smith.	do	12
52	do	O. S. Watkins	do	17
LOS	do	B. S. Pickett		20
154	do	J. J. Gardner	do	10
LOO		W W Tindler	Money advanced on posters	_ Z
157	uo	W. W. Lilluley	T con	10
150	uo	P M Husband	do	10
150	do	May Montgomery	Fallowshin	20
160	Feb. 20	C. A. F. Kahlbaum	Laboratory supplies	12 17 25 10 2 5 10 2 20 1
61	- do	D. Anderson	Books	•
62	do	C. C. Adams	Class adviser	2
63	do	C. W. Balke	do	2
64	do	H. J. Barton	do	2
65	do	W. S. Bayley	do	2
66	do	C. V. Boyer	do	2
67	do	W. Buchen	ao	2 2 2 2 2 2 2
.68	do	W. E. Burge	ao	2
69	do	T. A. Clark	ao	2
./0	op	A. K. Crathorne	00	24 24 24 24
11		W F Dodd	uu	2
79	uo	D K Dodge	au	2
71	do	I D Fity-Garold II	do	2
75	do	T. H. Guild	đo	2
76	do.	E. C. Haves	do	2
77	do	C. F. Kellev	_do	2
178	do	C. G. McArthur	do	2
179	do	D. A. McInnes	.do	$\bar{2}$
180	do	H. McJohnston	do	$\frac{1}{2}$
181	do	C. M. Moss	do	2
182	do	H. G. Paul.	do	28 28
183	do	R. E. Brand W. J. Fraser R. S. Hulce O. A. Keller LeRoy Lang H. N. Parker H. A. Ruehe W. W. Yapp F. A. Aust S. J. Bole A. S. Colby C. S. Crandall H. B. Dorner C. E. Durst L. E. Foglesong R. W. Hoffman J. W. Lloyd Wilhelm Miller C. M. Robinsons R. R. Root F. A. C. Smith O. S. Watkins B. S. Pickett J. J. Gardner Ralph M. Campbell W. W. Lindley H. C. Peterson R. M. Husband Max Montgomery C. A. F. Kahlbaum D. Anderson C. C. Adams C. W. Balke H. J. Barton W. S. Bayley C. V. Boyer W. Buchen W. E. Burge T. A. Clark A. R. Crathorne C. G. Dorick W. F. Dodd D. F. Dodd D. F. Dodd D. F. Dodge J. D. Fitz-Gerald II T. H. Guild E. C. Hayes C. F. Kelley C. G. McArthur D. A. McInnes H. Moss H. Moss H. G. Paul T. H. Guild C. C. H. Auge C. G. McArthur D. A. McInnes H. Moss H. G. Paul F. W. Scott A. R. Seymour C. H. Wissam	do	28 28 28 28
184	do	A. R. Seymour	do	2
			الما	9/

э.	Date.	To whom.	For what.
	1914.		
186		G. M. Smith	Class adviser
	do	A. J. Todd	do
188	do	H. B. Ward	do
189	3.	A 70 XX7 1	1 3-
190	do	A. R. WATHOCK F. R. WASSON C. H. Woolbert J. G. Thompson A. Dunn	do
91	do	C. H. Woolbert	do
92	do	J. G. Thompson	do
93	Feb. 21	A. Dunn	Dairy products furnished depart-
			ment of dairy husbandry
94	do	G. Schiff	do
	do	L. Creiger	ido
96	do	E. Grove	do
97	do	J. E. Henderson	do
98	do	Pearl Hazen	do
99	do	Pearl Hazen J. F. Ridgeley	do
200	do	J. Rueb	do
01	do	F. Knox	do
202	do	G Huret	do
002	do	G. Hurst. G. O. McMorris.	do
204	do	D. B. White.	do
202	do	J. H. Rutan	do
200	uu	M Laigh	do
1000	do	M. Leigh	do.
100		C. C. Rayburn A. E. Burwash	uo
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209	do	C. R. Sheffer	do
TO	do	W. E. Heyer	
117	qo	G. W. Clark O. E. Staples, Bursar	Debates
112	oo	O. E. Staples, Bursar	Cunder bills
113	do	O. E. Staples, Bursar O. E. Staples, Bursar	Sunary bills
314	do	O. E. Staples, Bursar	Repares
315		W. B. Bradley & Co	Incidentais
216	do	Bevis Sisters.	do. Flowers
217	do	Schiller the Florist. O. E. Staples, Bursar	Flowers
218	Feb. 24	O. E. Staples, Bursar	Payment to Loudon Charlton
219			
220	do	McGraw-Hill Book Co. Mittendorf & Kiler E. H. Sargent & Co.	do
221	do	Mittendorf & Kiler	Shades
222	do	E. H. Sargent & Co	Laboratory supplies
223	do	Florence Keller	Clerical work
224	do	Florence Keller Cleveland Grain Co	Feeding stuffs
225	do	Martinus Nijhoff	Books
226	do	Martinus Nijhoff National Engraving Co. J. W. Folsom The Champaign News T. P. Lyon.	Printing and etc
227	do	J. W. Folsom	Traveling expenses
228	do	The Champaign News	Advertising.
229	Feb. 25	T. P. Lvon	Dairy products furnished depart-
			ment of dairy husbandry
30	do	I. H. Besore G. Taylor	do
31	do	G. Taylor	do
32	do	O. W. Hampton	_do
33	do.	P. P. Dunn	_do
34	do	I. H. Besore G. Taylor O. W. Hampton P. P. Dunn A. J. Krukewitt G. R. Evans. W. L. Davis E. R. Hamm E. R. Canady C. R. Beaver W. D. Rohl T. M. Ghere J. S. Teuscher J. B. Marsh Jas. Freeman G. W. VanMeter W. E. Womacks Ebb Leigh A. E. Burwash A. Shields A. Ekblaw G. W. Pfeister W. J. Kelly W. J. Kelly	do
35	do.	G. R. Evans	do
36	do.	W. L. Davis	do
37	do	E. R. Hamm	do
38	do.	E. R. Canady	do
39	do.	C. R. Beaver	do
40	do	W. D. Rohl	_do
41	do.	T. M. Ghere	do
42	do.	J. S. Teuscher	_do
43	do	I. B. Marsh	do
44	do	Jas. Freeman	.do
45	do	G. W. Van Meter	do
46	do	W. E. Womacks	do
47	do	Ehh Leigh	do
40	do	A E Burwash	do
امة	do	A Shields	do
50	do	A Ekhlaw	do
51	do	G W Pfaictor	do
50	do	W. J. Kelly	do
50	do	W. J. Wilson.	do
5/1	do	I D Pulliam	do
55	uu	W Core	do
00	uo	W. J. Wilson. J. D. Pulliam W. Case. W. C. Welch. C. J. VonHolten. I. W. Maxwell C. Dunn W. Leischner I. H. Gordon E. A. Smith	do
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10(	qo	U. J. VOII TIOU HILL	du
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61	do	I. H. Gordon E. A. Smith	qo
		H: A Smith	lao

No.	Date.	To whom.	For what.	Amount
	1914.	G. E. Stechert & Co. Niel Morrow Ladd Co. The John Clark Co. A. C. McClurg & Co. Heaton's Agency Lemcke & Buechner A. W. Shaw Co. Universal Business. Ernst Hertzberg & Sons. B. Jordan. C. Ross		
6263	Feb. 26	G. E. Stechert & Co	Books	\$ 24 2 11 5 14 0 1 8 1 2 132 0 14 0
6264	do	Niel Morrow Ladd Co	do	11 5
6265	do	The John Clark Co	do	14 0
6266	do	A. C. McClurg & Co	do	18
6267	do	Heaton's Agency	do	1 2
6268	do	Lemcke & Buechner	do	132 0
6269	do	A. W. Shaw Co	do	14 0
6270	do	Universal Business	do	5 0 2 5
6271	do	Ernst Hertzberg & Sons	do	2 5
6272	Feb. 27	B. Jordan	Dairy products jurnished apeart-	10.0
0070		C. Ross T. F. Jordan. H. Allison J. Cornett. J. D. Pulliam J. Ridgeley. David Kinley N. F. Nochler H. A. Ludwig Degener The General Administration of the Royal Museum	ment of dairy husbandry	12 8 11 3 15 1
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2000	do	N F Nochlar	Rooks	6 6
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285	do	G. W. Hampton G. Schiff R. S. McInness C. C. Gordon H. I. Nelson J. W. Bayburn Macy Bros C. C. Rayburn G. Hobick A. E. Burwash E. W. Smalley Ed. Smith Carl Watkins W. W. Meyer Adelle C. Smith F. G. Blair	Specimens Dairy products furnished department of dairy husbandrydododododododo	4 16 6 8 5 1 5 6 1 5
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295	do	Ed. Smith	do	4 6
296	do	Carl Watkins	do	4 61
297	do	W. W. Meyer	do	4 61 1 98
298	Mar. 2	Adelle C. Smith	Salary, February 1-21	45 00
299	do	F. G. Blair	Traveling expenses	14 90
300	do	Florence E. Watson	do	17 04 13 79
301	do	Mary E. Busey	do.,	13 79
302	do	Carl Watkins W. W. Meyer Adelle C. Smith F. G. Blair Florence E. Watson Mary E. Busey G. Taylor J. E. Henderson	Dairy products furnished depart- ment of dairy husbandry	4 7
303	do	J. E. Henderson E. Grove P. P. Dunn A. Dunn R. Smith I. H. Besore M. Hudson	do	4 67 7 74
304	do	E. Grove	do	7 74
305	do	P. P. Dunn	do	4 96
306	do	A. Dunn	do	4 96 6 96 2 91 7 14
307	do	R. Smith	do	2 91
308	do	I. H. Besore	do	7 14
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310	do	J. Freeman	do	6 98
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312	do	W. E. Yount	do	7 49
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348	do	Dr. F. Krantz	Specimens	. 8
349	do	Dulan & Co., Ltd	Books.	ĭ
350	do	Felix L. Dames.	do	] -
351	do	Max Weg	do	8
352	do	Joseph Baer & Co	do	1
353	do	Bernhard Liebisch	do	8
354	do	Panatagrph Printing & Stationery Co	Printing	21
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419 420 421 422 423 424 425 426		Rand McNally & Co	Laboratory apparatus	1; 29
420 421 422 423 424 425 426	do	J. A. Fairlie	Salary, February	29
421 422 423 424 425 426	Mar. 6	G. W. Sheldon & Co	Books	` ?
422 423 424 425 426	do	D. H. Carnahan	Purchase of material	50
423 424 425 426	do	J. W. Butler Paper Co	Office supplies	129
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426ı	do	Charles T. Hufford	do	78
	do	The Arthur H. Clark Co	Books	
427	do	Edwin R. A. Seligman	do	5
428	do	E. W. Johnson	do	(
129	do	Ernst Hertzberg & Sons	do	19
430 .	do	G. E. Stechert & Co.	do	19 48 19
431	do	A. C. McClurg & Co	do	10
432	do	O. E. Stanles Burgar	Sundry hills	13
133	Mar 0	C. L. Harlan	Traveling avnenge	3
124	do.	Holon Donnoy	Corrieg of pionist	06
125	do	Dialraring & Chatta	Pooles as planist	10
100	do	Take W. Chalden C.	DOOKS	11
100		John W. Sheidon Co	ao	3
toί.	ou	Oswaid weigei	00	3
. افقا	o	rau Lecnevauer	ao	1:
139	do	Gee & Co.  Rand McNally & Co.  J. A. Fairlie.  G. W. Sheldon & Co.  D. H. Carnahan.  J. W. Butler Paper Co.  Hubert V. Stephenson.  S. C. Skemp.  Charles T. Hufford.  The Arthur H. Clark Co.  Edwin R. A. Seligman.  E. W. Johnson.  Ernst Hertzberg & Sons.  G. E. Stechert & Co.  A. C. McClurg & Co.  O. E. Staples, Bursar.  C. L. Harlan.  Helen Denney.  Pickering & Chatto.  John W. Sheldon Co.  OSwald Weigel.  Paul Lechevalier  James Thin.  Bernh. Liebisch.  Ch. Chadenat.  John W. Shelding	ao	1:
140	ao	Bernn. Liebisch	ao	1
41 .	do	Ch. Chadenat John W. Spalding Otto Lange	do Field expenses	2
42 .	do	John W. Spalding	Field expenses	
43  .	do	Otto Lange	Books	
44 .	do	J. Ricker	do	
45 .	do	Otto Harrassowitz	do	
46 .	do	Otto Lange J. Ricker Otto Harrassowitz Joseph Baer & Co. W. Wesley & Son. C. M. Clayton I. H. Gordon	do	3
47	do	W. Weslev & Son	do	3( 2(
48 1	Mar. 10	C. M. Clayton	Dairy products furnished depart-	
			ment of dairy husbandry	
40	do	I H Gordon	do	- 3
50	do	E Grove	do	
151	do	C W Pfoictor	do	
150	do	D D Dunn	do	
04.	do	T. T. Dogovo	do	
100	qo	C. Maniler		
104	qo	G. Taylor		3
155	ao	O. W. Hampton	do	
156	do	A. Dum	ao	
157	do	J. E. Henderson	do	
158	do	H. I. Nelson	ao	
l59  -	do	G. Schiff	do	,
60 .	do	Macy Bros	do	(
61 .	do	M. Leigh	do	
62 .	do	E. R. Canady	do	
63 .	do	F. Elliott	do	
64	do	C. A. Fogel	do	
65	do	C. C. Rayburn	do	
66	do	R. L. Wirt.	do	
67	do	A. Shields	do	
68	.do.	D. B. White	do	
60	do.	Pearl Hazen	do	
امر	do	G Eggleston	do	
711	do	W E Satterfield	do	
;;;		Fhh Laigh	do	
:4:	uo	C Buret	do	
[3]-	uv	C. M. Clayton I. H. Gordon E. Grove C. W. Pfeister P. P. Dunn I. H. Besore G. Taylor O. W. Hampton A. Dunn J. E. Henderson H. I. Nelson G. Schiff Macy Bros M. Leigh E. R. Canady F. Elliott C. A. Fogel C. C. Rayburn R. L. Wirt A. Shields D. B. White Pearl Haston G. Schiff M. Henderson G. Schiff C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. A. Fogel C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Rayburn C. Ray	uo	
[4]-		F. OHUHUI	uo	4
(5)-	ao	A. E. Dur Wash		ç
76 -	do	G. w. van Meter	ao	٤
77 -	do	w. D. Roni	ao	4
78	do	C. R. Beavers	ao	
79 .	.do	C. Watkins	do	:
80 .	do	R. Childers	do	2
81 .	do	J. Rueb	do	8
82	do	W. E. Womacks	do	2
83	do	A. Kroner	do	Ē
84	do.	T. M. Guvnn	do	F
85	do.	M. Cherry	-do	Ä
86	do	W. L. Davis	do	4
27	do	W E Haver	do	3
00	do	P T Patarson	do	9
100		Agan of American II-i-resisting	Duos	40
89	qo	ASSIL OF AMERICAN UNIVERSITIES	Dues	40
190	do	J. 1. Montgomery	Travening expenses	107
۱ <sub>91</sub>  .	do	marine Biological Assn, of United King-	- · · · ·	
	_	domAugust Sauter	Laboratory suppliesdo	12 80

No.	Date.	To whom.	For what.	Amou
	1914.			
6493	Mar. 10	Joh. Heckemann. C., C., C. & St. L. R. R. Co. G. W. Van Meter. D. S. Helriott.	Incidentals	\$ 3
6494	Mar. 11	C., C., C. & St. L. R. R. Co	Freight	15
0490	ao	G. w. van meter	Dairy products furnished depart-	
6496	do	D. S. Herriott. A. Shields. B. Jordan R. Smith W. J. Kelly C. Ross. T. F. Jordan G. Hobick R. L. Myers. Mary Warner A. E. Burwash E. W. Smalley M. Cherry	do ment of dairy nusbandry	3
6497	- do	A Shields	do	5 12 2 3 6 10
6498	do	B. Jordan	_do	19
6499	do	R. Smith	do	2
6500	do	W. J. Kelly	do	3
6501	do	C. Ross	do	6
6502	do	T. F. Jordan	do	10
6503	do	G. Hobick	do	6
6504	do	R. L. Myers	do	4
00U0	do	Mary warner		4 4 5
6500 6507	do	F W Smelley	do	4
8508	do	M Charry	do	1 9
6509	do	A E Haves	do	2
6510	do	I. W. Maxwell	do	66 61 22 33
6511	do	E. J. Percival.	do	ĕ
6512	Mar. 12	G. F. Diefenbach	do	1
6513	do	R. T. Lumsden	do	2
6514	- do	R. A. Lumsden	do	] 3
0515	do	A. E. Burwash E. W. Smalley M. Cherry A. E. Hayes I. W. Maxwell E. J. Percival G. F. Diefenbach R. T. Lumsden R. T. Lumsden W. F. Hampton M. Hudson C. C. Gordon R. S. Melnness F. Sheffer A. G. Krukewitt J. Freeman T. M. Ghere W. E. Yount J. A. R. Koch H. F. Ridgeley F. Knox C. A. Fogel J. Rueb Z. Alsip J. B. Marsh H. Allison		43
0010 8517	do	M. Hudson	ao	3
6518	do	P S MoInness	do	4
6519	do	F Shaffar	do	4
6520	do	A. G. Krukewitt	_do	6 6
6521	do	J. Freeman	do	l š
6522	do	T. M. Ghere.	do	š
6523	do	W. E. Yount	do	7
6524	do	J. A. R. Koch	do	6 3
6525	do	H. F. Ridgeley	do	3
6526	do	F. Knox	do	4 2
6527	do	C. A. Fogel	do	2
0028 2500		J. Kueb	00	4
6530	do	I R Moreh	do	4 7
6531	do	H Allison	do	7
6532	do	J. D. Pulliam	do	2
6533	do	W. D. Rohl	do	5
6534	do	E. R. Canady	do	. 5
6535	do	F. H. Busey	do	7
6536	{do	Z. Alsip J. B. Marsh H. Allison J. D. Pulliam W. D. Rohl E. R. Canady F. H. Busey I. H. Gordon W. C. Welch T. H. Richardson E. A. Smith O. C. Simonds & Co W. L. Gaines	do	7
6537	do	W. C. Welch	do	4
8660	do	T. H. Richardson		5
624U	do	O. C. Simonda & Co	Trovoling armangag	50
6541	do	W. T. Gainge	do	56 12
6542	do	T. H. Richardson. E. A. Smith. O. C. Simonds & Co. W. L. Gaines. A. A. Sphung. O. Kercher. W. L. Frank. L. F. Simpson. Brown's Business College. O. E. Staples, Bursar. W. R. Gilbert. Hindsboro Creamery Co. M. H. Anderson. Rossyille Creamery Co.	Laboratory supplies	11
6543	do	O. Kercher	Clerical work	42
6544	do	W. L. Frank	do	$\tilde{26}$
6545	do	L. F. Simpson	do	10 1
6546	do	Brown's Business College	do	. 1
5547	do	O. E. Staples, Bursar	Repates	181
0048	mar. 13	w. K. Gilbert	party products furnished depart-	_
6540	do	Windshore Creemery Co	ment of diary nusbandry	6 6
6550	do	M. H. Anderson	-do	5
6551	do	Rossville Creamery Co.	_do	7
3552	do	A. J. Spohn	do	7
6553	do	Litchfield Creamery Co	do	8
3554	do	H. W. Vandyke	do	6
3555	do	Richmond Bros	[do	6
5556	do	C. Jacobsen	do	3
0007	do	N. Muller	do	3
0008 8550	ao	W. F. Conway	do	. 5 6
8560	uo	G Schiff	do	· 6
6561	do	A R Grindley	do	1
6562	do	G. Taylor	do	2
6563	do	Hindsboro Creamery Co. M. H. Anderson. Rosswille Creamery Co. A. J. Spohn. Litchfield Creamery Co. H. W. Vandyke. Richmond Bros. C. Jacobsen. N. Muller. G. J. Deardorf. W. F. Conway. G. Schiff. A. R. Grindley. G. Taylor. G. L. Van Buskirk F. Krugh. E. S. Hayes. J. Rueb. G. R. Evans. J. Ridgley. E. B. Resler.	do	4
6564	do	F. Krugh	do	3
6565	do	E. S. Hayes	do	3
6566	do	J. Rueb	do	3
6567	do	G. R. Evans	do	4 3
6568	do	J. Ridgley	do	3 4
		H: H PAGIAT	I do	1

Vo.	Date.	To whom.	For what.	Amou
	1914.			
6570	Mar. 13	W. L. Davis	Dairy products furnished depart-	\$
6571	do	G. R. Beaver	Salary, March, 1914do	
6572	do	G. R. Beaver F. C. Bauer W. L. Burlison I. W. Dickerson E. T. Ebersol K. J. T. Eckblaw F. A. Fisher O. S. Fisher A. F. Gustafson Leonard Hegnauer M. E. Jahr	Salary, March, 1914	133
6573	do	W. L. Burlison	do	116
6574	do	I. W. Dickerson	do	133
6575	do	E. T. Ebersol	do	133
6576	do	K. J. T. Eckblaw	do	133
6577	do	F. A. Fisher	do	100 208 178 250
6578	do	O. S. Fisher	do	208
6579	do	A. F. Gustafson	do	178
3580	do	Leonard Hegnauer	do	250
6581	do	M. E. Jahr	]do	140
3582	do	J. G. Mosier	do	291
3583	do	J. H. Pettit	do	· 250
3584	do	C. O. Reed	do	120
3585	do	L. H. Smith	do	291
3586	do	H. W. Stewart	do	150
3587	do	E. A. White	do	175 150
5588	do	A. L. Whiting	do	150
3589	do	Leonard Hegnauer M. E. Jahr J. G. Mosier J. H. Pettit C. O. Reed L. H. Smith H. W. Stewart E. A. White A. L. Whiting D. O. Barto Sleeter Bull Sleeter Bull W. J. Carmichael	do	200 80 53
5590	do	Sleeter Bull	do	80
5591	do	Sleeter Bull	do	53
592	do	W. J. Carmichael	do	91
5593	do	W. C. Coffey	do	266
594	do	J. A. Detleisen	qo	200
595	do	J. L. Edmonds	ao	266 200 208 208
596	do	W. F. Hanschin	do	200
5597	do	H. W. Mumford	do	416
5598	do	H. P. Rusk	do	416 208 133
599	do	F. M. Simpson	ao	133
600	do	W. H. Smith	do	125 83 175 150
6601	do	J. J. Yoke	do	. 83
602	do	R. E. Brand	do	175
603	do	W. T. Crandall	do	150
604	do	W.J. Fraser	do	291
605	do	R. S. Hulce	do	116
606	do.,	O. A. Keller	[qo	. 91
5607	do	LeRoy Lang		175 200 133
8000	do	H. N. Parker		200
609	do	H. A. Ruene		133
9210	do	w. w. rapp		91
110		C. T. Dele		83 150 60
0012		A C Colby	do	100
013	do	C. C. Crandoll	do	291
014		U. S. Crandan	do	291
010	do	O. F. Durnet	do	200
617	uo	I F Forlesons	do	250 150 116
610	uo	T T Cordner	do	100
010	uo	D W Hoffman	do	100 70 291 250 100 208 125 175
OTA .	uv	T W Iloyd	do	001
02U 691		Wilhelm Miller	do	- 9#n
600		C M Robinson	do	100
622	do	R R Root	do	300
624	do	F A C Smith	do	195
625	do	O S Watkins	do	175
626 .	do	R S Pickett	do	3 KU
020 . 697	do	O E Stanles Bursar	Sundry bills	250 70 8
300	Mar 14	H I Cornenter	Piano tuning	70
620	do 14	Eugene Dietzgen Co.	Laboratory supplies	10
630I	do	Frank H. Vice & Co.	Feeding stuffs	116
331	do	Alex Harmon & Son	Field expenses	7
632	do-	I. W. Butler Paper Co	Office supplies.	7 89
333 1	Mar. 17	D. O. Barto. Sleeter Bull W. J. Carmichael W. J. Carmichael W. J. Coffey. J. A. Detlefsen J. L. Edmonds. W. F. Hanschin H. W. Mumford H. P. Rusk F. M. Simpson W. H. Smith J. J. Yoke R. E. Brand W. J. Grandall W. J. Fraser R. S. Hulce. O. A. Keller LeRoy Lang. H. N. Parker H. A. Ruehe W. W. Yapp. F. A. Aust S. J. Bole. A. S. Colby C. S. Crandall H. B. Dorner C. E. Durst L. E. Foglesong J. J. Gardner R. W. Hoffman J. W. Lloyd Wilhelm Miller C. M. Root. F. A. C. Smith O. S. Watkins B. S. Pickett O. S. Fakels B. S. Pickett U. Carpenter Eugene Dietzgen Co. Frank H. Vice & Co. Alex Harmon & Son J. W. Lloyd & Co. J. Jarrett L. H. Besore E. R. Hamm E. Fisher L. Fisher L. F. Root J. Jarrett L. H. Besore L. R. Ramm E. Fisher	Dairy products furnished department of diary husbandry.	3
334	.do	I. H. Besore E. R. Hamm	do	4
636	do.	E. Fisher	do	$\frac{\hat{4}}{3}$
637	do	O. W. Hampton	do	9
638	do.	P. P. Dunn	do	2
630	do	E Grove	0.0	7
640	do	A Dunn	do	7 7
641	do	I E Handerson	do	7
642	do	E. Fisher  J. W. Hampton  P. P. Dunn  E. Grove  A. Dunn  J. E. Henderson  A. R. Koch  F. Wwikamitt	do	5
643	do.	F. Krukewitt N. Hahn Macy Bros E. W. Smalley	do	Ĕ
614	do	N. Hahn	do	5 7 7 7
				Ŀ
645	do [1]	Macy Bros	do	7

6647 1 6648 6649 6655 6655 6656 6655 6665 6662 6663 6662 6663 6665 6666 6665 6666 6665 6666 6665	1914. Mar. 17 do	M. Cherry D. B. White D. Hahn F. Elliott E. R. Canady H. Cherry W. Case W. J. Wilson J. W. Rayburn T. M. Clayton W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss J. McCullough R. Graham Cedile McKibben Flora Nayden Mrs. Jessie Conover Helen Roth Mrs. Alseis Conover Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Conower Helen Roth Mrs. Alseis Mrs. Alseis Mrs. Alseis Mrs. Alseis Mrs. Alseis J. D. Pulliam Ed. Smith Pearl Hazen B. Jordan C. Ross. T. F. Jordan E. A. Burwash W. L. Davis T. M. Guynn Mary Warner C. E. Kelly R. L. Wirt G. Hurst G. Hurst G. Hurst G. Hurst G. Hurst H. W. Maxwell C., C., C. & St. L. R. R. Co Wabash R. R. Co Wabash R. R. Co Wabash R. R. Co Wabash R. R. Co W. W. Lindley J. W. Butler Paper Co Chas. H. Kelly Mary S. Snyder J. B. Kaiser Dr. Th. Lederer J. D. White R. A. Lumsden W. F. Lindsey G. F. Diefenbach R. T. Lumsden E. F. Lyon C. G. Gordones W. F. Hangton C. G. McMorris H. F. Ridgeley F. Schweineke G. O. McMorris H. F. Ridgeley F. Schweineke G. O. McMorris H. F. Martin	Dairy products furnished department of dairy husbandrydododododododo.	\$
3648	Mar. 17do	M. Cherry D. B. White D. Hahn F. Elliott E. R. Canady H. Cherry W. Case W. J. Wilson J. W. Rayburn T. M. Clayton W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss J. MeCullough	Dairy products furnished department of dairy husbandrydododododododo.	*
3648 - 3649 - 3650 - 3651 - 3652 - 3653 - 3655 - 3656 - 3656 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 3666 - 36	. do	D. B. White D. Hahn F. Elliott E. R. Canady H. Cherry W. Case W. J. Wilson J. W. Rayburn T. M. Clayton W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss J. McCullough	. do	
6649 6650 6651 6652 6653 6654 6655 6656 6657 6665 6660 6661 6662 6662 6663 6664	.do	D. Hahn. F. Elliott. E. R. Canady. H. Cherry. W. Case. W. J. Wilson. J. W. Rayburn. T. M. Clayton. W. E. Womacks. J. H. Cornett. C. W. Pfeister. G. W. Van Meter. E. J. Percival. J. Wess. J. McCullough.	.do	
6651 6652 6653 6654 6655 6656 6657 6658 6659 6660 6661 6662 6662 6663 6664 6665	-do	F. Eillott E. R. Canady H. Cherry W. Case W. J. Wilson J. W. Rayburn T. M. Clayton W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Wecs. J. McCullough	- 00	
652 653 654 655 656 657 658 669 660 661 662 663 664	- do	H. Cherry W. Case W. J. Wilson J. W. Rayburn T. M. Clayton W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss J. McCullough	- do - do - do - do - do - do - do - do	
653 654 655 656 657 658 6659 6660 6661 6662 6663	do	W. Case. W. J. Wilson. J. W. Rayburn T. M. Clayton. W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival. J. Weiss. J. McCullough.	do do do do do do do	
3655 3656 3657 3658 3659 3660 3661 3662 3663	. do	W. J. Wilson. J. W. Rayburn T. M. Clayton. W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss. J. McCullough	. do	
656 6657 6658 6659 6660 6661 6662 6663 6664	.do	J. W. Kayunin. T. M. Clayton. W. E. Womacks. J. H. Cornett. C. W. Pfeister. G. W. Van Meter. E. J. Percival. J. Weiss. J. McCullough.	- do	
6657 6658 6659 6660 6661 6662 6663 6664	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	W. E. Womacks J. H. Cornett C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss. J. McCullough	do	6
658 659 660 661 662 663 664	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	J. H. Cornett. C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss. J. McCullough	do do do	6
660 661 662 663 664	do do do do do	C. W. Pfeister G. W. Van Meter E. J. Percival J. Weiss J. McCullough	dododo	
661 662 663 664	do do do	J. Weiss. J. McCullough.	do	
662 663 664 665	do do do	J. Weiss. J. McCullough		
663   . 664   . 665   .	do	J. McCullough	do	8
665	do		do	, , ,
.000	do	K. Granam	Nurging	100
6661.		Flora Navden	-do	108 108
667	do	Mrs. Jessie Conover	do	80
668	do	Helen Roth	do	80
670	do	Mrs. Alice Laing	do	57
671	do	Martha Davis	-do	50
672 .	do	O. E. Shobe & Co	Carriages	10 50 12
673 .	do	O. E. Staples, Bursar	Sundry bills	21
675	do	N, Hay	do do	17
676	do	The American Commonwealth Co	Books	4
677	Mar. 18	R. L. Myers	Dairy products furnished depart- ment of diary husbandry	8
678	do	J. D. Pulliam	do	1
679 .	do	Ed. Smith	do	. 4 4 13
681	do	B Jordan	do	19
682	do	C. Ross.	do	-6
683	do	T. F. Jordan	do	ğ
684 .	do	E. A. Burwash	do	3
686 I	ao	T M Guynn	do	4
687	do	Mary Warner	do	4
688	do	C. E. Kelly	do	9 3 4 5 4 2 9
689	do	R. L. Wirt.	do	9
691	do	C. I. Von Holten	do	4
692	do	I. W. Maxwell	do	é
693	do	C., C., C. & St. L. R. R. Co	Freight	59
694	do	Wabash R. R. Co	do	73
896 .		Wahash R R Co	do	93 1
697	do	C., C., C. & St. L. R. R. Co	do	í
698	do	Wabash R. R. Co	do	25
700	Mar. 19	W. W. Lindley	Postage	50 251
701	do	Chas. H. Kally	Books	251
702	do	Mary S. Snyder	Interest	300
703 .	do	J. B. Kaiser	Salary, March, 1914	34 113 374
705	op	Dr. Tn. Lederer	Postaga	118 274
706	.do	R. A. Lumsden	Dairy products furnished depart-	019
707	do	W. F. Hampton	do de diary nuspandry	2 3 2 1
708	.do	L. F. Lindsey	do	2
709	do	G. F. Diefenbach	do	1
710 -	do	R. T. Lumsden	do	1
712	op	E. C. Gordon	uo	4 1 4 5 2 2 2
713	do	R. S. McInness.	do	4
714	do	W. E. Yount.	do	5
715	do	L. Lebka	do	. 2
(16)-	do	R. P. Hayes	do	2
718	o	F. Schweineke	do	5
719	do	G. O. McMorris	do	5
720	do	H. F. Ridgeley	do	24
721 .	do	T. M. Ghere.	do	4

No.	Date.	To whom.	For what.	Amo
6709	1914. Mar. 19	C. Employton	Dainy nucleusis francished deposit	
0723	Mar., 19	G. Eggleston	ment of dairy husbandry	\$
6724	do	C. A. Fogel J. Freeman A. Ekblaw W. D. Rohl S. G. Richards E. R. Canady J. B. Marsh J. Rubh	do	\$
$\frac{6725}{6726}$	. do	J. Freeman	do	
6720 6727	do	W D Pobl	1do	
6728	do	S. G. Richards	do	
6729	do	E. R. Canady	do	
6729 6730	do	J. B. Marsh	do	•
6731	do	J. Rueb	do	
6732	do	W. K. Kelly	do	
6733	do	A. Shields	do	
6734 6735	ao	W C Walch	do	
6736	do	T. H. Richardson	do	
6737	do	I. H. Gordon	do	
6738	do	E. A. Smith	do	
6739	do	E. J. Percival	do	
3740	Mar. 20	G. Schiff	do	
3741	do	R. Smith	do	
3742 3743	o	H T Nalson	do	
3744	do	G. W. Van Meter	do	
3745	do	F. H. Busey	do	
6746	do	J. B. Marsh J. Rueb W. K. Kelly A. Shields. G. W. Van Meter W. C. Welch T. H. Richardson I. H. Gordon E. A. Smith E. J. Percival G. Schiff R. Smith A. R. Grindley H. I. Nelson G. W. Van Meter F. H. Busey W. E. Womacks Pearl Hazen	do	
3747	do	W. E. Womacks Pearl Hazen. W. E. Heyer C. C. Rayburn C. Watkins L. G. Van Buskirk W. E. Satterfield J. Jarrett. O. E. Staples, Bursar O. E. Staples, Bursar George Huff O. A. Harker	do	
5748	do	W. E. Heyer	do	
2750	do	C. W. Rayburn	do	
3751	do	I. G. Van Ruckirk	do	
3752	do	W. E. Satterfield	-do	
3753	do	J. Jarrett	do	
3754	do	O. E. Staples, Bursar	Sundry bills	
3755	do	O. E. Staples, Bursar	Rebates	22 26
756	do	George Huff	Traveling expenses	26
3758	do	Lehnert & Landrock	Specimens	1:
6759	Mar. 24	G. A. Harker Lehnert & Landrock G. Taylor	do	
3760	do	I H Racora	do ment of dairy nusualidity	
3761	do	I. H. Besore O. W. Hampton M. Hudson	.do	
3762	do	M. Hudson	do	
3763	do	A. Dunn J. E. Henderson E. Grove	do	
3764	do	J. E. Henderson	do	
5765 5766	do	E. Grove	do	(
		P. P. Dunn A. Shields		
768	do	C R Hamm	do	
769	do	W. J. Wilson	do	
770	do	A. Snieds C. R. Hamm W. J. Wilson J. A. R. Koch R. Childers F. Sheffer E. W. Smalley F. Kroy	do	
771	do	R. Childers	do	:
772	do	F. Sheffer	do	ć
773	do	E. W. Smalley	do	
775	do	F. Knox. N. Hahn. C. W. Pfeister.	do	
778	do	C. W. Pfeister	do	(
וחחח	ا مت	Tr Triliatt	1 40	4
778	do	T. Billott D. Hahn T. M. Clayton G. Hobick	do	
779	do	T. M. Clayton	do	
				8
782	do	L. Wieneke A. E. Burwash I. H. Gordon E. J. Percival N. Hay H. A. Hollister Angust Gerher Florence Keller	do	(
784	do	E. J. Percival	do	2
785	do	N. Hay	do	12
786	do	H. A. Hollister	do	37 159
787	do	August Gerher	Specimens	159
788	ob	r iorence Keller	Clerical work	60 485
1881	do	J. D. White E. L. Lyon	Postage Dairy products furnished department of dairy husbandry	400
		J v4	ment of dairy husbandry	8
791	do	Г. Р. Lyon	do	3
792	do	C. E. Kelly	do	3
793	do	J. Rueb	do	- 4
794	do	Pearl Hazen		3
700	00	Wacy Dros	do	7
797	do	A. Kroner	do	4
798	do.	W. L. Davis	do	4
6796 6797 6798	do do	F. P. Lyon C. E. Kelly J. Rueb Pearl Hazen Macy Bros W. Van Buskirk A. Kroner W. L. Davis	.dododo	

To.	Date.	To whom.	For what.	Amou
6799	1914. Mar. 24	C. R. Beavers	Dairy products furnished depart-	
- 1		C. R. Beavers	ment of dairy husbandry	\$
6800	do	C. A. Fogel R. L. Myers B. Jordan T. F. Jordan A. E. Burwash	. do	
6801	do	R. L. Myers	. do	
6802	do	B. Jordan	. do	10
3803	do	T. F. Jordan	do	1 1
3804	do	A. E. Burwash	. do	1
0805	ao	G. R. Evans	. do	1 5
800	do	C. Ross		'
1080	00	C C C c c t D D C c	Project	!
8000	do	C. C. C. & St. L. R. R. CO.	r reignt	
2010		C. C. C. & St. D. R. R. CO	do -	
2011	do	C. C. C. & St. L. R. R. CO	do	
2010	do	Wabach P. P. Co	do	6
8213	do	Wabash R R Co	do	
814	do	Illinois Traction System	do	13
815	do	C. C. & St. L. B. B. Co.	do	2
816	do	C C C & St. L B B Co	do	9
817	do	Wahash R. R. Co	do	1
818	do	Illinois Central R. R. Co	.do	30
819	Mar. 25	A. E. Burwash G. R. Evans C. Ross I. W. Maxwell C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. Mabash R. R. Co. Mabash R. R. Co. Milniois Traction System C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. Mabash R. R. Co. Milniois Traction System C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. C. C., C. & St. L. R. R. Co. C. C., C. & St. L. R. R. Co. C. C. Gordon	Dairy products furnished depart-	"
- 1			I ment of dairy hijshandry	1 7
820	do		do	3
821	do	R. S. McInness	do	-
822	do	R. T. Lumsden	do	
823	do	G. F. Diefenbach	do	1
824	do	R. A. Lumsden	do	
825	do	L. G. Van Buskirk	do	
826	do	J. A. R. Koch	do	4
827	do	N. Hahn	do	]
828	do	J. D. Pulliam	do	3
829	do	W. E. Womacks	do	2
830	do	[W. Case	do	4
831	do	W. E. Yount	do	1
832	do	W. D. Rohl	do	7
833	do	W.E. Satterfield	do	4
824	do	Z. Alsip	do	
835	do	R. W. Brewer	do	}
836	do	L. Libka	do	
837	qo	T. M. Gnere	do	2
800		D. D. White		,
010	do	O A Forton	do	
040	do	G C Cochron	do	
849	do	E B Reclar	do	,
2/3	do	A Shialds	do	,
211	do	G W Von Mater	do	1 7
845	do	W C Welch	do	2
846	do	I H Gordon	do	. 2
847	do	E. J. Percival	do	. 4
848	-do	E. A. Smith	do	1
849	Mar. 26	University of Chicago Press.	Catalog cards	]
850	do	Alfred H. Kimball, Treasurer Federal		_
-1		Council of Churches	Books	1
851  .	do	Rriends' Historical Society Chas. H. Mills General Administration of Royal Mus-	MagazineTraveling expenses	13
352	do	Chas. H. Mills	Traveling expenses	13
353 .	do	General Administration of Royal Mus-	·	
			Specimens	200
554	.do	Edward G. Allen & Son	Books	49
555].	ao	Edward G. Allen & Son. Martinus Nijhoff. American Journal of Physiology A. E. Burwash.	do	2
200		A D Damwood	do Dairy products furnished depart- ment of diary husbandry	5
201	mar. 27	A. E. Durwasii	Dany products jurnished depart-	
- 1	1		do	2
350	do	A Dunn	do	4 7 4 3 2
igol.	do	G Schiff	do	1
861	-do	E. V. Percival A. Dunn G. Schiff F. Krugh W. E. Heyer Mary Warner I. H. Rutan J. Freeman G. Hurst E. S. Hayes J. Rueb C. R. Beaver J. Jarrett A. C. McClurg & Co	do	3
362	.do.	W. E. Hever	_do	9
3631	.do.	Mary Warner	do	4
364	.do.	J. H. Rutan.	-do	3
365	.do	J. W. Rayburn	do	. 3
866	.do	J. Freeman	do	. 3
367L	.do	G. Hurst	do	4
368	.do	E. S. Hayes.	do	43
369	.do	J. Rueb	do	3
المصم	.do	C. R. Beaver	do	3
8701.				ó
870 . 871 .	.do	J. Jarrett	do	3 42

### ${\tt GENERAL~UNIVERSITY~VOUCHERS-} {\it Continued.}$

Vо.	Date.	To whom.	For what.	Amou
	1914.			
6873	Mar. 28	Ernst Hertzberg & Sons	Books	\$ 1 10
6874	qo	Lemcke & Buechner	do	10
2076	ao	Martinus Nijnoit	jdo	100
3077	do	G F Stochart & Co	do	126 7
3878	Mar. 30	Ernst Hertzberg & Sons. Lemeke & Buechner Martinus Nijhoff The Boston Book Co G. E. Stechert & Co E. Fisher M. Hudson. M. F. Grove	Dairy products furnished depart-	(
2070	do.	M IIIdan	ment of dairy husbandry	3
166U	do	F Grove	do	6
3881	do	I. E. Henderson	do	3
8882	do	P. P. Dunn	do	3
3883	do	G. Taylor	do	Ĭ
3884	do	G. Diefenbach	do	1 1
885	od	G. Hurst	do	1
886	do	A. E. Hayes	do	1 5
188	do	Pearl Hazen		6
2000	do	W F Women's	do	2
890	do	A Shields	do	5
891	do	F. Knox	_do.	4
892	do	C. A. Fogel	do	4
893	do	W. J. Wilson	do	2
894	do	W. L. Wirt	do	3
895	do	T. M. Ghere	do	33 32
896	do	M. Leigh	do	2
897	op	J. A. K. K.OCD		4
10093 10093	do	T M Clayton	do	9
เดกก	do	T R Morch	do	8
901	do	F. H. Busev	do	6
902	do	E. J. Percival	do	â
903	do	C., C., C. & St. L. R. R. Co	Freight	3
904	do	C., C., C. & St. L. R. R. Co	do	18
905	do	Wabash R. R. Co	do	18
906	do	Illinois Central R. R. Co	do	15
907	do	C., C., C. & St. L. R. R. Co	do	70 23
908	do	Illinois Traction System		$\begin{array}{c c} 23 \\ \hline \end{array}$
เดาก	uo	Lomela & Buschner	Rooks	6
011	do	National Child Labor Committee	do	1
912	do	Exporters' Encyclo Co.	do	1 7
3913	do	C. H. Mills	Traveling expenses	1 7 11
914	do	F. R. Watson	do	7 30 500
915	do	H.D. Valentine	Balance salary, March, 1914	30
916	do	J. H. Beard	Hospital services	500
010	do	Mrs. F. E. McClugnen	Labor	16
010	uo	O. E. Staples, Dursar	Pahetes	72 295
920	do	O. E. Staples, Bursar	Sundry hills	200
921	Mar. 31	A. R. Grindley	Dairy products furnished depart-	]
ادوو	do.	D Smith	ment of dairy nuspandry	4 1
923	do	C Ross	do	6
924	do	B. Jordan	do	10
925	do	F. Sheffer	do	4
926	.:do	A. Ekblaw	do	3
927	do	R. H. McAllister	do	4
928	do	J. P. Yeazel	do	3
929	do	J. Cornett	ao	2
031	ao	E Schweineke	do	4 5
035	do	T F Iordan	do	10
933	do	C. E. Kelly	-do	10
934	dŏ	A. E. Burwash	do	4
935	do	C. J. Von Holten	do	5
936(	do	J. M. Hammack	do	3
937	do	L. R. Sarett	Traveling expenses	15 16
938	do	P. M. Watson	do	16
939	do	Benjamin Wham	Theidentels	13
040	Anr 1	ындинентин мадагине William P. Udineky	T.oon	4 75
942	Apr. 2	The Boston Book Co.  E. Fisher  M. Hudson. E. Grove. J. E. Henderson P. P. Dunn. G. Taylor G. Diefenbach. G. Hurst. A. E. Hayes. Pearl Hazen. E. W. Smalley W. E. Womacks. A. Shields. F. Knox. C. A. Fogel. W. J. Wilson. W. J. Wilson. W. J. Wilson. W. J. Wilson. J. A. R. Koch. F. Elliott. T. M. Glayton. J. B. Marsh. F. H. Busey. E. J. Percival. C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. C., C., C. & St. L. R. R. Co. Illinois Central R. R. Co. C., C., C. & St. L. R. R. Co. Illinois Traction System. C., C. C. & St. L. R. R. Co. Illinois Traction System. C., C. C. & St. L. R. R. Co. C. C. C. & St. L. R. R. Co. C. C. C. & St. L. R. R. Co. C. C. H. Mills. F. R. Watson. H. D. Valentine. J. H. Beard. Mrs. F. E. McClughen O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Sta	Dairy products furnished depart-	15
040	a -	m N D1	ment of dairy husbandry	7
943	do	T. N. Burwash	do	4
944		J. McCullough		4
946	. do	R A Taimsdam	do	8
947	do	R. T. Lumsden	do	i
~ **		W F Hampton	do	$\frac{1}{2}$

Ю.	Date.	To whom.	For what.	Amou
	1914.			
		C. C. Gordon	Dairy products furnished department of dairy husbandry	
6950	-do	R. S. McInness. A. Dunn. E. J. Percival E. F. Lyons. Macy Bros. G. L. Van Buskirk J. F. Hubbard W. E. Yount J. T. Francis J. Rueb W. Case.	do	•
6951	do	A. Dunn	do	
6952	do	E. J. Percival	do	
6953	do	E. F. Lyons	do	٠.
6954	do	Macy Bros	do	
6955	do	G. L. Van Buskirk	do	
0956	do:	J. F. Hubbard	do	
0957	do	W.E. Yount	do	,
BOSO BOSO	do	T Duch	do	
ผลอง	do	W Cosa	do	
3961	do	W. Case. C. C. Rayburn. F. Krukewitt. L. Libka.	do	}
6962	do	F. Krukewitt	.do.	}
6963	do	L. Libka	do	:
6964	do	R. L. Myers	do	
3965	od	W. E. Satterfield	do	•
6966	do	J. Ridgeley	do	:
5967	do	F. Krukewitt L. Libka R. L. Myers W. E. Satterfield J. Ridgeley N. Hahn T. M. Guynn C. A. Fogel G. Hobick R. W. Brewer G. W. Van Meter J. H. Gordon W. C. Welch L. W. Maxwell E. A. Smith Flora Hayden Cecile McKibben Jessie Conover Martha Davis W. L. Frank O. B. Kircher L. F. Simpson G. W. Graves G. W. Graves G. W. Baumgarten Hjalmar Lundquist L. S. Linder R. P. Brown	do	\$
ამნგ	op	C. A. Fogol	00	:
5070°	uo	G Hobiek	do	
3971	do	R. W. Brawer	do	:
3972	do.	G. W. Van Meter	-do	2
3973	do	J. H. Gordon	do	6
3974	do	W. C. Welch	do	}
3975	do	I. W. Maxwell	do	(
3976	do	E. A. Smith	do	:
3977	do	Flora Hayden	Nursing	-68 91
978	do	Cecile McKibben	do	91
979	do	Jessie Conover	do	91 91 80 19 36 11
980		Martina Davis		80
987	do	O B Virghor	wages, march, 1914	26
083	do	T. F Simpson	do	19
984	do	G. W. Graves	do	3
985	do	G. W. Baumgarten	do	è
986	do	Hialmar Lundquist	do	24 14
987	do	L. S. Linder	do	14
988	do	R. P. Brown	do	29
989	do	Reuben W. Peterson	do	1
990	do	E. D. Lawrence	do	1
995T	do	F. M. Colcord	do	
992	do	W P Folgon	00	
004	do	T T Booker	u0	
995	do	J. Gould	do	
996	do	R. L. Bentley	do	22
997	do	Roland Brooks	do	19
998	do	C. E. Hughes	do	17
999	do	B. M. Kisselberg	do	18
000	do	I. M. McConnell	do	20 11 12 12 12 12 13 14 15 16 16 16 17
001	ao	U. M. McGhee	do	30
002	do	J. F. Miles		18
003	o	F. C. Secon		15
004	uo	W E Cummine	uv	17 22
nos .	do	Elliott Billman	do	14
007	.do.	T. G. Lewis	do	14 15 15 5 8 13
008	do	D. R. Grigg.	do	15
009	.do	Edna Millizen	do	E
010	do	Mrs. A. L. Hallquest	do	
011	do	Isabella Anderson	do	13
12 .	.do	Ulive Paine	do	· 24
113	.do	Puth Hallidar		
115	-do	O W Allen	do.	22 17 21 29
116	do	L. C. Colbert	do	91
177	-do	A. P. Kelley	do	90
018	.do.	Harriet Berninger	do	4
019	.do	Martha Larson	do	24
020	.do	Madge Myers	do	8
021	.do	O. R. Clements	do	6
)22	.do	Elizabeth Dunn	do	6 12 7
)23 .	.do	G. W. Gräves G. W. Baumgarten Hjalmar Lundquist L. S. Linder R. P. Brown Reuben W. Peterson E. D. Lawrence F. M. Colcord S. K. Roy W. B. Felger J. P. Becker J. F. Becker J. F. Becker J. F. Becker J. F. Becker J. F. Becker J. F. Bester J. F. Bester J. Gould R. L. Bentley Roland Brooks C. E. Hughes B. M. Kisselberg I. M. McConnell O. M. McGhee J. P. Miles I. J. Reinhart E. C. Secor W. E. Cummins Elliott Billman T. G. Lewis D. R. Grigg Edna Millizen Mrs. A. L. Hallquest Isabella Anderson Jolive Palne Edith Mann Ruth Halliday D. W. Allen L. C. Colbert A. P. Kelley Harriet Berninger Martha Larson Madge Myers D. R. Clements Elizabeth Dunn W. C. Ropiequet D. G. Stearus D. R. Clements Elizabeth Dunn W. C. Ropiequet D. G. Stearus D. R. Clements Elizabeth Dunn W. C. Ropiequet D. G. Stearus D. H. Brooks D. C. Foulke	do	7
)24].	.do 9	C. G. Stearns.	do	6
)25 .	.do	K. H. Brooks	do	31 30
1 242 1	.do(	J. U. FOUIKO	ao	30

No.	Date.	To whom.	For what.	Amo
	1914.	J. W. Brown F. M. Colcord J. Gould W. R. Morrison E. U. Rugg H. W. Thurston B. Wham Stella Galpin A. Bagusin Amy Henshaw Helen Stilwell Gladys Leonard Amanda Hacker J. K. Primm G. C. Rice Esther Hurst C. P. Barkman J. H. Gage. Denton Magruder Newman Romero S. Winquist H. E. Bigler Nob Inagaki H. P. Greison Katherine MacIntyre Max Taylor C. H. Apple Erle Cavette Kenneth Brown S. D. Harwood B. L. Sterenberg Geo. Hedrick N. C. Seidenberg R. M. Stevens R. D. V. Castle Pauline Groves Mary F. Savage Ivan Traxler Frank Leggitt E. W. Hitchcock M. H. Campbell E. G. Howe, Jr M. J. Falletti H. E. Barden C. W. Clover D. R. Leighty Nathan Meltz R. H. Nixon B. H. Questel G. W. Salsbury R. T. Shaffer Charles R. Gidson W. G. Proctor Phillip Udinsky Basil Brown D. M. Bullock Ross Hutton Fred Langhoff O. E. Meenach H. H. Mahorney A. Servis Geo. Truner Ed. Wharmby Margaret Jones Frances E. McClughen Rebecca Morgan May M. Atwell C. E. Arrington H. H. Mahorney A. Servis Geo. Toy. Geo. Truner Ed. Wharmby Margaret Jones Frances E. McClughen Rebecca Morgan May M. Atwell C. E. Arrington H. G. Freeman J. J. Fisous W. H. Graybeal		
7027	Apr. 2	J. W. Brown	Wages, March, 1914	\$1 1
7028	do	F. M. Colcord	do	] ]
7029	do	J. Gould	do	1 .
7030 7031	do	W. R. MOTTISOH.	do	2
7032	do	H W Thurston	do	6
7033	do	B. Wham	do	1 1
7034	do	Stella Galpin.	do	1
7035	do	A. Bagusin	do	1
7036	do	Amy Henshaw	do	
7037	do	Helen Stilwell	do	
7038	do	Gladys Leonard	do	
7039 7040	do	Amanda Hacker		
7040 7041	do	G C Dice	do	1 1
7042	do.	Esther Hurst	do	2
7043	do	C. P. Barkman	do	2
044	do	J. H. Gage	do	_
045	do	Denton Magruder	do	2
046	do	Newman Romero	do	3
047	do	S. Winquist	do	1
048	do	H. E. Bigler		.
ህፏዓ ነበደብ	ao	IN UU 10 10 10 10 10 10 10 10 10 10 10 10 10	uo	1222 23 2222 242 25 11 222 25 25 25 25 25 25 25 25 25 25 25 25
7051	do	Katherine MacIntyre	do	3
7052	do	Max Taylor	do	1 6
7053	do	C. H. Apple	do	ĺí
7054	do	Erle Cavette	do	4
7055	do	Kenneth Brown	do	2
7056	do	S. D. Harwood	do	3
7057	do	B. L. Sterenberg	do	]
7058	do	Geo. Hedrick	do	1
เบอษ เกลก	do	N. C. Seldenberg	00	2
7061	do	D D V Coatle		1 5
7062	do	Pauline Groves	do	ไ
7063	do	Mary F. Savage	do	Î
7064	do	Ivan Traxler	do	2
7065	do	Frank Leggitt	do	2
7066	do	E. W. Hitchcock	do	2
7067	do	M. H. Campbell	do	2
7067	do	E. G. Howe, Jr.	do	1
7009	do	M. J. Falletti		1 1
7070	do	C. W. Clayer	do	1 1
7072	do	D R Laighty	do	i
7073	do	Nathan Meltz	do	1 1 1 1 1 1 1 1
7074	do	R. H. Nixon	do	ĺi
7075	do	B. H. Questel.	do	1 1 1
7076	do	G. W. Salsbury	do	1
7077	do	R. T. Shaffer	do	1
7078	do	Charles R. Gidson	do	1
7079	do	W. G. Proctor	do	1
1000		Pagil Program		
082	uo	D M Bullook	do	11 16 66 66 65
083	do	Ross Hutton	do	6
084	do.	Fred Langhoff	-do	6
085	do	O. E. Meenach	do	š
086	do	H. H. Mahorney	do	6
087	do	A. Servis	do	6
088	do	Geo. Toy	do	6
089	do	Geo. Truner	ao	. 6
090	do	Ed. Wharmby	00	6 · 6 · 6 · 7 · 4 · 4 · 4 · 5 · 4 · 5 · 5 · 5
UDD	oo	Frances E. McChathen	do	4
093	uo	Rebecce Morgen	do	4
094	do	Mary Ryan	do	4
095	do.	W. M. Atwell	do	5
096	do	C. E. Arrington	do	4
097	do	Harry Brown	do	5
098	do	J. E. Bailey	do	5
7099	do	J. E. Browning	do	6 6 5
100	do	R. S. Carson	ao	6
7100	do	J. W. Cheever		5 6
7102	ao	B. F. English	00	6
7104	0	U. I. Freeman	uo	6 6
7105		W H Growbool	uu    do	0. A
	uoi	W. II. Gray Deal	uv	U

	Date.	To whom.	For what.	Amou
	1914.	V. S. Glenn David Glenn F. F. Hoover L. T. Heinz C. C. Johnson A. C. Litton Roy Lewis C. P. Moore J. E. Morgan C. M. Miller D. T. Moody Jas. McCullough U. G. May Forrest Mock B. F. McDaniel Jacob Nikolaus Nick Peterson		
7106	Apr. 2	V. S. Glenn	Wages, March, 1914	\$ 53 52
7107	do	David Glenn	co	52
7100		F. F. HOOVER	do	60
7110	uo	C. C. Johnson	do	62 65
7111	do	A. C. Litton	do	63
7112	do	Roy Lewis	do	63 53
7113	do	C. P. Moore	do	55
7114	do	J. E. Morgan	do	10
7715	do	C. M. Miller	do	55 53
7117		D. T. MOODY	do	60
7118	do	II G May	do	53
7119	do	Forrest Mock	do	57
7120	do	B. F. McDaniel	1 - do	57
7121	do	Jacob Nikolaus	do	57 57 65
7122	do	Nick Peterson	do	53 49 48 38
7123	do	J. F. Purkins	do	49
7124	do	C. A. Surbaugh	do	48
7120	do	H. L. Thomson	do	38
7197	ao	O. T. Tittonhaele	do.,	65 54
7128	do	P T Walton	do	59
129	do	Dan Meneeley	do	53 57
7130	do	John Aschermann	_do	43
7131	do	Tim Kenney	do	41
132	do	M. E. Roberts	do	41 54
133	do	Roy Tatlock	do	58
134	do	Orval Snook	do	53 52 57 65 70 58 31
1120	do	A. L. Collins	do	57
7127		r. T. Franklin	do	70
138	do	Howard Downing	do	1 70
139	do	I B Hickey	do	31
140	do	Harry Higgins	-do	88 91 60
141	do	W. A. Boyce	do	91
7142	do	P. L. Levick	do	60
143	do	Guy Fox	do	81 110
144	do	John Miller	do	110
7140	do	A. Warmbier	do	84 83
7147	do	Tohn Brannigen	do	82
7148	do	Owen Gilley	do	56
7149	do	Jesse Mevers	.do	56 62
7150	do	W. J. Langhoff	do	61 84
7151	do	S. A. Porter	do	84
152	do	C. A. Dunseth	do	77
153	do	J. B. Doll	do	77 44 119 110
154	do	W. J. Smith.		110
156	do	Pow Crawford	do	53
157	do	Thos I Fay	do	96
158	do	B. F. McDaniel Jacob Nikolaus Nick Peterson J. F. Purkins C. A. Surbaugh H. L. Thomson L. M. Stearns O. J. Utterback P. T. Walters Dan Meneeley John Aschermann Tim Kenney M. E. Roberts Roy Tatlock Orval Snook A. L. Collins F. T. Franklin I. F. Tillotson Howard Downing J. B. Hickey Harry Higgins W. A. Boyce P. L. Levick Guy Fox John Miller A. Warmbier Harry Clifford John Brannigan Owen Gilley Jesse Meyers W. J. Langhoff S. A. Porter C. A. Dunseth J. B. Dill W. J. Smith Frank Clancy Roy Crawford Thos J. Fay E. C. Lewis Frank Stateler Thos. Long Jos. Davis J. A. J. Klien Wm. Quinn Howard F. Fabert Frank Cunningham Sell Hamlin M. A. Simerl Gilbert Robbins F. C. Tathorne A. Langhoff V. R. Barnes M. A. Simerl Gilbert Robbins F. C. Tathorne A. Langhoff V. R. Barnes M. C. Booher	do	77
159	do	Frank Stateler	do	77 72 81
160	do	Thos. Long	do	81
161	do	Jos. Davis	do	. 71
162	do	J. A. J. Klien	00	71
103	op	WIII. Quinn	do	54 68 110
165	do !	Frank Cunningham	. do	1 110
166	do	Sell Hamlin	do	52
167	do	M. A. Simerl	do	73
168	do	Gilbert Robbins	do	73 48 84
169	do	F. Crathorne	do	84
170	do	A. Langhoff	do	84
171	do	V. R. Barnes	do	91
172	do	M. U. Booner	00	· 88
774	do	A. J. DUUKEI	uv	80
7175	do.	Chas Hill	.do	96
7176	do	J. D. Craig	do	82
7177	do	Martin Sandwell.	do	82 84
7178	do	F. Crathorne A. Langhoff V. R. Barnes M. C. Booher A. J. Booker J. C. Fiscus Chas. Hill J. D. Craig Martin Sandwell A. C. Speedie Wesley Wilson Amos Wright J. H. Vandiventer Wm. Templin	do	84
7179	do	Wesley Wilson	do	86
/180	do	Amos Wright	do	80 84 89

0.	Date.	To whom.	For what.	Amou
	1914.	M. Campbell. Wm. Fogarty Frank Fogarty Samuel Hanson E. J. Hargen W. G. Hixon Frank Irvine Jas. Irvine A. Moran Ben L. Reed J. C. Snider E. W. Justus J. R. Newton Ed Richards John Ceduskey Louie Fender J. F. Long. A. J. McAlister Fred Fender A. L. Shriver Wm. Wilde Geo. Boyer Thos. Butler Herman Fechtruph Lee McMillion Chas. Wilson T. E. Wells John Cooly Molie B. Frazier Marion E. Sparks M. T. Lindsay Mollie B. Frazier Marion E. Sparks G. F. Sutherland W. C. Rappleye Mollie Frazier Ra. D. Danielson C. L. Walduck Verna Manley T. D. Bullock Thos. Lyons C. E. Mattoon M. J. Falletti Edwin Romeiser Mark Small M. C. Weaver J. E. Shipley C. A. Brumley C. E. Fast G. E. Jaquet B. Doyle W. H. Boyer F. C. Wilson Oscar L. Hunt S. T. Wallage Ruthe Murphey F. M. Perry		
183	Apr. 2	M. Campbell	Wages, March, 1914	\$ 42
184	do	Wm. Fogarty	do	53
185	do	Frank Fogarty	do	54
186	do	Samuel Hanson	do	71 68
187	qo	E. J. Hargen		68
188	do	W. G. Hixon	do	52 72
189	qo	Frank irvine		72
190		Jas. irvine		55 70
191	do	A. Moran		//
192	do	T. C. Crider	do	58 54
193	do	J. C. Snider		108
194		T. D. Morreton	do	100
190		J. K. Newton	0.00	73 104
107		Tohn Codyalrov	do	104 63 73
197		John Ceduskey	00	70
199		Louie render	do	./0
เอย	uo	A T Ma Aliatan	do	75 79 79 87 74 97
200	uo	End Forder	u0	70
102	uo	A C Weacher	do	07
202		A. C. Wascher		01
004	uo	Wm Wilde	do	07
204	uo	Coo Power	do	74
200	ao	Thos Durtler	do	65
200	do	Harman Fachtminh	uo	65 70
000	do	Loo McMillion	do	4
200	uo	Chae Wilson	do	74 49
210	do	T F Walls	do	69
111	uo	Tohn Cooly	do	62 42
211	uo	Marion E Sparks	do	15
212	do	M T Lindson	do	27
214	do	Mollio R Fragior	do	25
215	do	Marion F. Sparks	do	15 27 25 27
216	do	G F Sutherland	do	-0
217	do	W C Rannlava	do	23
218	do	Mollia Fraziar	đo	23 11
210	do	R R Danielson	do	25 25 45
220	do	C. L. Walduck	do	25
221	do	Varna Manlay	do	4
222	do	T D Bullock	do	24
223	do	Thos Lyons	do	40
224	do	C. E. Mattoon	do	59
225	do	W. W. Trimble	do	52 46 30
226	40	T. L. Jacobson	do	30
227	do	M I Falletti	do	19 17 48
228	do	Edwin Romeiser	do	1 17
220	do	Mauce Campbell	do	48
230	do	Albert Bradford	do	77
231	do	Mark Small	do	77
232	do	M. C. Weaver	do	84 50
233	.do	J. E. Shipley	do	50
234	do	C. A. Brumley	do	52 11
235	do	E. E. Fast	do	11
236	do	G. E. Jaquet	do	10
237	do	B. Doyle	do	10
238	do	W. A. Hooker	do	4
239	do	C. Wekler	do	10 16 41
240	do	W. H. Boyer	do	16
241	do	F. C. Wilson	do	41
242	do	Oscar L. Hunt	do	41
43	do	S. T. Wallage	do	18
244	do	Ruthe Murphey	do	18
245	do	F. M. Perry	do	59
246	do	T. O. Henderson	do	59 106
247	do	Arthur Brining	do	54
248	do	A. Bevis	do	54 151
249	do	Cevilla Carothers	do	30
250	do	L. C. Bernard	do	29 37
251	do	Arthur Odell	do	37
252	do	M Russell Davis	do	24 27 23 25
253	do	M. E. Slater	do	27
254	do	Arthur Semple	do	23
255	do	P. D. Jenks.	do	25
256	do	F. C. Wilson Oscar L. Hunt S. T. Wallage Ruthe Murphey F. M. Perry T. O. Henderson Arthur Brining A. Bevis Cevilla Carothers L. C. Bernard Arthur Odell M. Russell Davis M. E. Slater Arthur Osenple P. D. Jenks H. P. Kelley Bertram Abney	do	17
$\frac{257}{257}$	do	Bertram Abney	do	17
258	do	H. F. Keitey W. F. Campbell Henry Miner Chas. Rehling Arthur Semple	do	13 12 22 14
259	do	Henry Miner	do	12
260	do	Chas. Rehling	do	22

.	Date.	To whom.	For what.	Amou
	1914.			
262	Apr. 2	P. H. VanWinkle.  Herman Dale. F. W. Farley. W. R. Jones. W. C. Kolmer. E. E. McFarland.	Wages, March, 1914	\$ 11 15 23
200	do	F W Forlow	do	15
204	do	W R Iones	do	20
266	do	W. C. Kolmer	do	37 12
267	do	E. E. McFarland	do	16
268	do	John Munson	do	16 31
269	do	F. W. Newman	do	14
270	do	H. B. Randolph	do	12 32
271	do	S. C. Skemp.	do	32
272	do	Stanley Wilkins	do	14 14 15 37 27
2/3	ao	E. W. Zeppenield		14
274	do	C D Midzolle	do	27
276	do	M C Silvar	do	27
277	40	C. M. Crain	do	-
278	do	O. R. Clements	do	12
279	do	Rosa P. Chiles	do	30
280	do	Elizabeth Bever.	do	18
281	do	G. H. Lindsev	do	22
282	do	Lewis Linder	do	22 10
283	do	C. F. Hill.	do	10 25 26 10
284	do	J. K. Tuthill	do	2
285	do	W. C. Kolmer E. E. McFarland John Munson F. W. Newman H. B. Randolph S. C. Skemp Stanley Wilkins E. W. Zeppenfeld O. R. Zipf C. R. Nickolls M. G. Silver C. M. Crain O. R. Clements Rosa P. Chiles Elizabeth Beyer G. H. Lindsey Lewis Linder C. F. Hill J. K. Tuthill Hubert Jessen F. H. Kelley O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar	do	26
286	do	F. H. Kelley	. do	1 10
287	do	O. E. Staples, Bursar	Sundry bills	34 46 10' 50
288	do	O. E. Staples, Bursar	Express	46
289	do	O. E. Staples, Bursar	Kepates	10
290		D. T. Datarran	Dairy products furnished deport	) 50
291	Apr. o	F. J. I 606156H	ment of deiry husbandry	Ί,
202	đo	A T Bragger	do	1 7
203	do	C. L. Iacobsan	do	'
294	do	Richmond Bros. Co.	do	
295	do	W. P. Gilbert	do	1 2
296	do	Ferdinand Grimm	do	
297	do	J. R. Newberry	do	1 3
298	do	M. E. Simonsen	do	1
299	do	A. J. Spohn	do	1
300	do	H. W. VanDyke	do	4
301	do	Wm. Heffer & Sons, Ltd	Books	39 40
302	do	Henry Sotheran & Co	do	40
303	do	Max weg		103
204	ao	Otto Horrogowitz	do	49
208	ao	Hanry Gray	do	108 496 67
200	do	V T Stavens	Traveling avnenge	19
306	do	E. Gallieron & Son	Specimens	109
รกด	do	Franz Kyllrich	Firniture	12
310	do	J. Ricker	Books	1
311	do	Alfred Lorentz	do	1 7
312	do	Bernard Quaritch	do	6
313	do	Joseph Baer & Co	do	
314	do	John Grant	do	2
315	do	Bernh. Liebisch	do	:
316	do	P. J. Petersen.  A. J. Bragger. C. L. Jacobsen. Richmond Bros. Co. W. P. Gilbert. Ferdinand Grimm J. R. Newberry. M. E. Simonsen. A. J. Spohn. H. W. VanDyke. Wm. Heffer & Sons, Ltd. Henry Sotheran & Co. Max Weg. Gustav Fock. Otto Harrassowitz. Henry Gray. V. T. Stevens. E. Gallieron & Son. Franz Kyllrich J. Ricker. Alfred Lorentz. Bernard Quaritch Joseph Baer & Co. John Grant. Bernh. Liebisch. Oswald Wiegel. Museum Book Store. J. Lacoste. Jumes Thin	do	3
317	do	Museum Book Store	do	33
318	do	J. Lacoste	do	1
319	do	James Thin		2
201		Moody Monuel Co	do	2
227		T. W. Burton	Solory Fohrmary and March	2 6
202	do	I D White	Postore	27
224	Apr 4	E F Murnhey	Wages March 1914	210
325	do	Berger Stockfleth	do	1 7
326	do	P. J. Nilsen	-do	1 3
327	do	J. L. Simonich	do	}
328	do	H. W. MacKechine	do	27 27 28 3 3 3 19 50
329	do	J. C. Palmer	do	
330	do	Clint Sayre	do	19
331	do	A. J. Corson	do	50
332	do	E. P. Brentlinger	do	54
333	do	Chas. Pollard	do	54 56 11 11
334	do	C. W. Buckler	do	15
335	do	Roy S. Lundin	do	11
	dΛ	H. Mohlman	do	14
336				
336 337	do	Oswald Wiegel  J. Lacoste  J. Lacoste  J. Lacoste  J. Lacoste  J. Lacoste  J. E. Stechert & Co.  Moody Manual Co.  L. V. Burton  J. D. White  E. F. Murphey  Berger Stockfleth  P. J. Nilsen  J. L. Simonich  H. W. MacKechine  J. C. Palmer  Clint Sayre  A. J. Corson  E. P. Brentlinger  Chas. Pollard  C. W. Buckler  Roy S. Lundin  H. Mohlman  J. F. Hannah  Paul Davis  L. D. Burt	do	63 29

No.	Date.	To whom.	For what.	Amou
	1914.			
7340	Apr. 4	H. D. Brown	Wages, March, 1914	\$ 1 2 4 2 10 15
7341	do	Marie Haltom	do	1 2
7542		Lucy Lowe	d0	4
7244	do	A T. Sowere	do	10
7345	do	M. W. Busev	Clerk hire	15
7346	do	F. N. Blakeslee	Clerical work	
7347	do	The Chester Transfer Co	Limousine hire	
7348	Apr. 6	H. D. Brown Marie Haltom Lucy Lowe. H. T. Reeves A. L. Sowers M. W. Busey F. N. Blakeslee The Chester Transfer Co. E. Grove.  J. E. Henderson G. Schiff T. P. Lyon P. P. Dunn A. Dunn G. Taylor A. R. Grindley E. J. Percival	Dairy products furnished depart- ment of dairy husbandry	
7349	do	J. E. Henderson	do	l
7350	do	G. Schiff	do	
7351	do	T. P. Lyon	do	l
7352	_ do	P. P. Dunn	do	
7555	do	A. Dunn	do	
7355	do	A R Grindley	do	
7356	do	E I Percivel	do	
7357	dodo	M. Hudson	do	
7358	do	G. O. McMorris	do	1
7359	do	W. E. Womacks	do	
7360	do	A. E. Burwash.	do	
7361	. do do do do	A. Dunn G. Taylor A. R. Grindley E. J. Percival M. Hudson. G. O. McMorris W. E. Womacks A. E. Burwash G. W. VanMeter W. J. Kelly R. L. Wirt T. H. Green. D. B. White F. H. Busey S. G. Richards W. L. Davis PLANE P. L. Davis	do	
7362	do	W.J. Kelly	do	· :
7363	do	R. L. Wirt	do	
7364	do do do do do	T. H. Green	.:d0	
7300	do	E H Pricer	do	1 :
7267		S G Richards	do	
7368	do	W. L. Davis	do	
7369	do	Pearl Hazen	do	
7370	do	J. Rueb.	do	
7371	do	W. VanBuskirk	do	
7372	do	H. Allison	do	
7373	do	H. Cherry	do	
7374	do	G. C. Cochran	do	
7375	do	C. Watkins	do	
7376	do	A. Shields.	do	
1311	do	I. Libb	do	
7270	do	T M Chara	do	
7380	do	F. Elliott	do	
7381	do	W. D. Rohl	do	1
7382	do	J. B. Marsh.	do	_
7383	do	J. W. Rayburn	do	
7384	do	C. A. Fogel	do	1
7385	do	T. M. Clayton	do	
7386	do	J. A. R. Koch	do	
7387	do	R. P. Hayes	do	
7388	ao	C W Designar		
7300	oo	T Framen	do	
7301	do	W. L. Davis. Pearl Hazen J. Rueb W. VanBuskirk H. Allison H. Cherry G. C. Cochran C. Watkins A. Shields A. C. Krukewitt L. Libk T. M. Ghere F. Elliott W. D. Rohl J. B. Marsh J. W. Rayburn C. A. Fogel T. M. Clayton J. A. R. Koch R. P. Hayes F. W. Howell C. W. Peister J. Freeman Macy Bros L. H. Gordon J. Garrett L. H. Gordon J. Garrett C. C. C. & St. L. Ry Co	do	22
7399	do	I. H. Gordon	do	1 :
7393	do	J. Garrett	do	
7394	do	C., C., C. & St. L. Rv. Co.	Freight	2
7395	do	Illinois Central R. R. Co	do	_
7396	do	Wabash R. R.	do	1 1
7397	do	P. M. Hart	Wages, March, 1914	1
7398	do	U. A. Miller	do	
7399	do	H. K. Kichardson	00	1:
7400	do	E. C. Williams		
7402	uo	H R Tear	do	
7403	do	R. A. Horning	do	1
7404	do	A. P. Grout	do	114
405	do	Chicago Paper Co.	Office supplies	5
7406	do	The Sefton Mfg. Co.	General supplies	4( 11) 5'
7407	do	A. L. Randall Co.	do	7
7408	do	J. M. Lindgren	Coal analyses	79
7409	Apr. 7	I. H. Gordon J. Garrett C., C., C. C. & St. L. Ry, Co. Illinois Central R. R. Co. Wabash R. R. P. M. Hart C. A. Miller H. R. Richardson P. J. Sweeny E. C. Williams H. R. Tear R. A. Horning A. P. Grout Chicago Paper Co The Seiton Mig. Co. A. L. Randall Co. J. M. Lindgren E. J. Percival	Coal analyses. Dairy products furnished department of dairy husbandry.	
	_	D. 177	ment of dairy husbandry	
7410	do	Pearl Hazen. G. R. Evans. F. Knox. C. C. Coulter R. L. Myers. B. Jordan. T. F. Jordan.	do	
7411	ao	G. R. EVans		
7412	do	C C Coultor	00	3
7413	do	P. T. Myare	ao	
7414	uo	R Iordan	uo	1
		~· v v 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1,1

о.	Date.	To whom.	For what.	Amou
	1914.	W. L. Davis.  E. B. Resler C. E. Kelly G. Hurst. A. Shields. E. W. Smalley Jos. M. Hammock C. Ross A. E. Burwash O'Byrne Transfer & Storage Co. J. Horace McFarland Co. Bernard Quaritch Gustav Fock D. Anderson Florence E. Watson LaVerne Merdith. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Burs		
7417	Apr. 7	W. L. Davis	Dairy products furnished depart-	\$ 8
7418	đo	E. B. Resler	do	\$\$
7419	do	C. E. Kelly	-do	9
7420	do	G. Hurst	do	l š
7421	do	A. Shields	do	Ē
7422	do	E. W. Smalley	do	
7423	do	Jos. M. Hammock	do	1 8
7424	do	C. Ross	do	. 5
7425	do	A. E. Burwash	do	
420	qo	O'Byrne Transier & Storage Co	Hauling	12 40
427	do	Perpend Overitab	Pooler	40
420	do	Guetay Fook	do	15
430	do	D Anderson	Furnitura	3
431	.,do	Florence E. Watson	Traveling expenses	13
432	do	LaVerne Merdith	Wages, March, 1913	10
433	Apr. 8	O. E. Staples, Bursar	Express	10
434	do	O. E. Staples, Bursar	Rebates to students	83
435	do	O. E. Staples, Bursar	Labor	10 83 27
436	do	O. E. Staples, Bursar	Sundry bills	-6
437	do	University Club of Urbana & Champaign	Entertainment	3
438	do	C. F. Miller	Laboratory supplies	3
439	do	U. U. Kiler	Furniture	2
440	do	W. W. Lindley	Proposyment postego	50
447	do	Custon Fools	Rooks	1 456
442	do	Ido Luther	Wages March 1914	1, 456 22
444	Apr	P T Lumedon	Dairy products furnished depart-	44
222	mpr.	ii. I. Dumsuon	ment of dairy husbandry	9
445	do	C. C. Gordon	.do	. 3
446	do	E. A. Smith	do	3
447	do	R. A. Lumsden	do	1 2 3 6 4 2 3
448	do	W. F. Hampton	do	2
449	do	R. S. McInness	do	3
450	do	A. Dunn	do	6
451	do	W. D. Rohl	do	4
452	do	R. H. Brewer	do	2
455	do	C. A. Fogel		
454	do	Z. Alsip	do	0
456	do	W. J. WISOIL	do	3 2 4
457	do	T A R Koch	do	4
458	do	W E Yount	.do	4
459	do	J. Rueb	_do	ŝ
460	do	G. W. VanMeter	do	4 3
461	do	T. M. Clayton	do	3
462	do	W. Case	do	. 2
463	do	J. Ridgeley	do	2
464	do	C. R. Beavers	do	2233
465	do	O. A. Foster	ao	3
466	do	C. C. Gordon E. A. Smith R. A. Lumsden W. F. Hampton R. S. McInness A. Dunn W. D. Rohl R. H. Brewer C. A. Fogel Z. Alsip W. J. Wilson W. E. Satterfield J. A. R. Koch W. E. Yount J. Rueb G. W. VanMeter T. M. Clayton W. Case J. Ridgeley C. R. Beavers O. A. Foster S. G. Richards I. H. Gordon W. C. Welch L. A. Griffith L. A. Griffith L. E. Knorr Carl Stephens H. I. Nelson G. Schiff A. R. Grindley	[do]	3
467	do	I. H. Gordon	00	3 4
408		T. D. Allicon	Worgs Morch 1014	63
470	Apr. 9	I. A. Griffith	do 11 agus, maion, 1014	50 50
471	uo	L E Knorr	Traveling expenses	11
472	do	Carl Stephens	Wages, March, 1914	50 11 25
473	Apr. 10	H. I. Nelson	Dairy products furnished depart-	20
			ment of dairy husbandry	2
474	do	G. Schiff	do	6
475	do	A. R. Grindley	do	3
476	do	E. F. Lyon	do	- 2
477	do	C. Plottner	do	4
478	do	F. L. Krugh	do	3
479	do	A. E. Burwash.		4 3 3 4
480	do	G. W. Vanmeter	00	4
481	do	W.E. Womacks		2
482	do	Mary warner	00	5 3 7
483	do	L. G. Vanbuskirk		3
484	do	N. Hann	uo	7
485	op	H. I. Neison  G. Schiff  A. R. Grindley  E. F. Lyon  C. Plottner  F. L. Krugh  A. E. Burwash  G. W. VanMeter  W. E. Womacks  Mary Warner  L. G. VanBuskirk  N. Hahn  A. Shields  I. W. Maxwell  J. T. Francis  J. Garrett  C. A. Houltzhouer  F. G. Blair  The Cleveland Grain Co	uu	5 8
100	o	I. W. Maxwell	do	9
100		J. I. Francis	uv	3
100	uo	C A Houltzhouer	do	3
400	Apr 11	F G Rlair	Traveling expenses	5
	True II	r. u. nian	The Alies Whenthe	1,050

No.	Date.	To whom.	For what.	Amou
	1914.	E. Grove. E. V. Percival. R. Smith. H. Giltner. O W. Hampton. A. Dunn. J. E. Henderson. P. P. Dunn. T. M. Ghere. J. Freeman. C. A. Fogel. F. Sheffer F. Elliott. W. E. Yount. W. E. Womacks. D. Hahn. E. S. Hayes. L. J. Wienke. G. Hobick. C. C. Rayburn. C. W. Pfeister. W. E. Heyer. F. H. Busey. J. H. Gordon. T. H. Grodon. J. YonHolten. J. Hammack. E. J. Percival. Illinois Traction System. C. C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C. & St. L. Ry. Co. C., C., C., C., C., C., C., C., C., C.,		
7492	Apr. 13	T. P. Lyon	Dairy products furnished department of dairy husbandry	\$ 1
7493	.do	E. Grove	do	\$ 15 15 12 23 33 44 42 22 24 43 33 33 11 43 33 40 42 22 22 22 22 22 22 22
7494	do	E. V. Percival	.do	ĭ
7495	do	R. Smith	do	2
7496	do	H. Giltner	do	2
7497 7408	ao	W. Hampton	do	3
7499	do	J. E. Henderson	do	3
7500	do	P. P. Dunn	do	4
7501	do	T. M. Ghere	do	4
7502	do	J. Freeman	do	2
7504	do	F. Sheffer	do	4
7505	do	F. Elliott	do	1 <b>4</b>
7506	do	W. E. Yount	do	4
7507	do	W. E. Womacks.	do	2
7508	do	D. Hann	do	1 4
7510	do	L. I. Wienke	do	9
7511	do	G. Hobick	do	Ē
7512	do	C. C. Rayburn	do	4
7513	do	C. W. Pfeister	do	4
7514	00	W. E. Heyer	do	3
7516 7516	do	T H Gordon	do	9
7517	do	T. H. Richardson	do	ì
7518	do	C. J. VonHolten	do	4
7519	do	J. Hammack	do	3
7520	do	E. J. Percival	English t	1
7599 7599	do	C C C & St T By Co	do.	40
7523	do	C., C., C. & St. L. By. Co.	-do	4
7524	do	C., C., C. & St. L. Ry. Co	do	2
7525	do	C., C., C. & St. L. Ry. Co	do	2
7526	do	C., C., C. & St. L. Ry. Co	do	1 .
7527	do	William R Goiger	Pofund	2
7529	do	J. E. Poole	Refund. Traveling expenses Building materials. Printing.	20
7530	do	Pressed Prism Plate Glass Co.	Building materials	28
7531	do	Pantagraph Printing & Staionery Co	Printing	198
7532	do.,	J. Horace McFarland Co	do	1, 12
7533 7524	Apr 14	A Fresh & Co	Rooks	25 25 195 1,121 22 400
7535	do	Gilbert B. Geiger J. E. Poole. Pressed Prism Plate Glass Co. Pantagraph Printing & Staionery Co. J. Horace McFarland Co. S. C. Wilson & Co. A. Kroch & Co. E. F. Lyon. O. A. McInnes.	Dairy products furnished depart-	700
.000			ment of dairy husbandry	2
7536	do	O. A. McInnes R. L. Myers R. L. Wirt S. G. Richards C. R. Beaver J. Rueb	do	44
7537	do	R. L. Myers	do	4
7538 7530	do	K. L. Wift	do	3
7540	do	C. R. Beaver	do	1 2
7541	do	J. Rueb	do	
7542	do	A. Shields	do	1
7543	do	R. H. McAllister	do	
7544	ao	A. Shields. R. H. McAllister. C. Ross. B. Jordan	ao	14
1040 7546	do	T. F. Jordan	.do	1 13
7547	do	W. E. Smalley	do	1 7
7548	do	A. E. Burwash	do	1
7549	do	O. E. Staples, Bursar	Express	10
7550	on	O. E. Staples, Bursar	Repates	63
, oot 7559	do	O. E. Staples, Bursar	do	1 46
7553	do	J. D. White.	Postage	530
7554	do	A. L. Randall Co	General supplies	10
7555	do	W. F. Gephart	Traveling expenses	12
7556	00	July, Wieland & Kichardson Co	Supplies	52 460
1007 7558	Apr. 15	David Kinley	Traveling expenses	16
7559	do	Courtenay Barber.	.do	1 8
7560	do	Chicago Live Stock World	Subscription	
7561	do	A. L. Randall Co	General supplies	2
7562	do	O. E. Staples, Bursar	Sundry bills	44
7564	do	O. E. Staples, Bursar	do	50
7565	do	G. Ross B. Jordan T. F. Jordan W. E. Smalley A. E. Burwash O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar J. D. White A. L. Randall Co W. F. Gephart Jolly, Wieland & Richardson Co Illinois State Reformatory David Kinley Courtenay Barber Chicago Live Stock World A. L. Randall Co O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Herrick & Stoltey A. Dunn	Express. Rebates. Sundry billsdo. Postage. General supplies. Traveling expenses. Supplies. Printing. Traveling expenses. Ao. Subscription. General supplies Sundry bills. Express .do Livery. Dairy products furnished department of dairy husbandrydo.	50
7566	do	A. Dunn	Dairy products furnished depart-	
		G. F. Diefenbach	ment of dairy husbandrydo	3

Vo.	Date.	To whom.	For what.	Amou
	1914.	·		
7568	Apr. 15	R. S. McInnes	Dairy products furnished department of dairy husbandry	
		g g g1	ment of dairy husbandry	\$ 3
7569	do	C. C. Gordon		4
7571	do	D A Lumedan	do	2 2
7572	do	W. F. Hampton	do	2
7573	do	M. Hudson	do	4
7574	do	W. D. Rohl	do	1 7
7575	do	W. Case	do	2
7576	do	J. H. Rutan	do	3
7577	do	D. B. White	do	5
7578	do	F. W. Howell		4
7579	do	John Baniow		3
7501		D U Brower	do	3 2
7522	do	N Hahn	do	3
7583	do	G. W. VanMeter	do	9
7584	do	Pearl Hazen	do	Š
7585	do	H. Allison	do	3
7586	do	W. E. Satterfield	do	4
7587	do	J. A. R. Koch	do	5
7588	do	C. C. Gordon R. T. Lumsden R. T. Lumsden R. A. Lumsden W. F. Hampton M. Hudson W. D. Rohl W. Case J. H. Rutan D. B. White F. W. Howell John Bahlow W. J. Kelly R. H. Brewer N. Hahm G. W. VanMeter Pearl Hazen H. Allison W. E. Satterfield J. A. R. Koch L. Lidbka G. O. McMorris J. B. Marsh W. E. Yount T. Green J. D. Pulliam W. E. Womacks T. M. Clayton L. H. Gordon W. C. Welch E. A. Smith E. J. Percival J. McCullough J. Weiss R. Graham Macy Bros S. Atchison M. L. Abbott Oreste Bertani Dultz & Co Royal Library U. Library M. C. Co Royal Library	do	2
7500	00	T R Morch	do	2
7501	40	W E Vount	do	6
7502	do	T. Green	do	2
7593	de	J. D. Pulliam	do	2
7594	do	W. E. Womacks	do	2
7595	do	T. M. Clayton	do	2
7596	do	I. H. Gordon	do	5
7597	do	W. C. Welch	do	49
7598	do	E. A. Smith	do	2
7599	do	E. J. Percival	do	5
7601	Apr. 16	T Woing	do	2
7602	do	R Graham	do	7 5
7603	do	Macy Bros	do	8
7604	do	S. Atchison.	do	2
7605	do	W. L. Abbott	Traveling expenses.	19
7606	do	Oreste Bertani	Books	8
7607	do	Dultz & Co	Laboratory supplies	8
7608	do	Royal Library	Books	5 3 3 2
1009	do	The Artists Illustrators, Ltd	do	5
7010	do	Clarvelli Leopoldo	do	3
7610	do	Oreste Bertani Dultz & Co. Royal Library The Artists Illustrators, Ltd. Ciarvelli Leopoldo. The University Press. W. W. Lindley Postal Telegraph Cable Co. The University of the State of New York John E. Scopes & Co.	Postogo	3
7613	do	Postal Talagraph Cable Co	Tolograph carvice	15
7614	do Apr. 17	The University of the State of New York	General supplies	2
7015	do	John E. Scopes & Co.	Books	10
7616	ا ماہ	Wm I Corbond	do	$\tilde{28}$
7617	do	Goodspeed's Book Shop	do	11
7618	do	Pompeo Sahsaihi	do	10
7619	do	Cesare Sartoretti	do	1
7620	Apr. 18	T. A. Gulliord	Rentals	8
7621	Apr. 20	Cosare Sartoretti T. A. Guilford Otto Harrassowitz Thos Baker Bernard Quaritch	DOUKS	2
7622	do	Bernard Quaritch	do	14 357
	do	W. M. Downing	do	14
7625	do	Otto Harrassowiz Thos Baker Bernard Quaritch. W. M. Downing. W. Heffer & Sons. John Davis Hermann Boker & Co.	do	21
7626	do	John Davis	do	ĩ
7627	do	Hermann Boker & Co	Laboratory supplies	` 1
7628	do	Paul Gottschalk	Books	5
76201	do l	Martinus Nijhoff	do	11
7630	do	Pickering & Chatto	Con oral supplies	6
7620	o	Pickering & Chatto. G. Pommer & Figho. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar.	General supplies	$\frac{2}{10}$
7632	uo	O. E. Stanles Rurear	Rehates	30
7634	do	O. E. Stanles Burser	Sundry hills	6 6
7635	do	O. E. Staples, Bursar	Express.	42
7636	do	Alphonse Picard & Son	Books.	50
7637	40	H D Oberdorfor	BooksGeneral supplies	2
7638 7639	do	O. E. Staples, Bursar	Student labor Dairy products furnished depart-	11
7640	4.	O. W. Hampton	ment of dairy husbandry	3
7640	do	O. W. Hampton	ao	3 4
7649	do	C. G. Plottner. E. Grove.	do	5
7643	do.	A. Dunn	_do	5
		H. I. Nelson	.do	2

No.	Date.	To whom.	For what.	Amo
	1914.	,		
7645	Apr. 20	P. P. Dunn  J. E. Henderson. J. F. Francis G. Schiff F. Elliott F. Krukewitt F. Stadden A. Ekblaw L. G. VanBuskirk T. M. Clayton M. Cherry M. Lowery L. Libka D. Hahn T. M. Ghere G. W. Van Meter Wm. Van Meter Wm. Van Buskirk A. G. Krukewitt S. G. Richards J. A. R. Koch W. E. Yount E. R. Lape O. A. Foster F. H. Busey C. W. Peister J. Freeman Pearl Hazen F. Knox J. Rueb G. Hurst J. J. Cruder S. T. Carter G. C. Cochran C. A. Fogel J. Ridgeley F. Schweineke W. L. Davis G. R. Evans W. E. Heyer E. A. Burwash J. Cornett G. Giltner C. J. YonHolten E. J. Percival I. W. Maxwell John Garrett W. E. Womacks E. V. Percival J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. G. Giltner C. J. Vereival J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Cornett G. Giltner C. J. VonHolten E. J. Percival J. W. Maxwell John Garrett W. E. Womacks E. V. Percival J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J. Handel J.	Dairy products furnished department of dairy husbandry	\$
7646	do	J. E. Henderson	do	\$
7647		J. F. Francis	do	
7649	do	F. Elliott	do	
7650	do	F. Krukewitt	do	
7651	do	F. Stadden	do	
7652	do	A. Ekblaw	do	
7653 7654		L. G. Vanbuskirk		
7655	do	M. Cherry	do	
7656	do	M. Lowery	do	
7657	do	L. Libka	do	
7658	do	D. Hahn	do	
7660 7660	do	G W Von Motor	do	
7661	do	Wm. Van Buskirk	_do	
7662	do	A. G. Krukewitt	do	
7663	do	S. G. Richards	do	
7664	ao	J. A. K. Koch		
7666	do	E. R. Lane	do	
7667	do	O. A. Foster	.do	
7668	do	F. H. Busey	do	
7669	do	C. W. Pfeister	do	
7670		J. Freeman	do	
$\frac{7071}{7672}$	.do	F. Knox	do	
7673	do	J. Rueb	do	
7674	do	G. Hurst	do	
7675	do	J. J. Cruder	do	
7676	do	G. C. Cochron	do	
7678	do	C. A. Fogel	-do	
7679	do	J. Ridgeley	do	
7680	do	F. Schweineke	do	
7681	do	W. L. Davis	do	
7692	do	W E Havor	do	
7684	do	E. A. Burwash	do	
7685	do	J. Cornett	do	
7686	do	G. Giltner	do	
7687	do	E I Paraival	do	
7689	do	I. W. Maxwell	do	
7690	do	John Garrett	do	
7691	do	W. E. Womacks	do	
7692	do	E. V. Percival	do	3
7693 7694	Apr. 21	The Ronald Press Co	Advertising	
7695	do	C., C., C. & St. L. R. R. Co	Freight	
7696	do	C., C., C. & St. L. R. R. Co	do	
7697	do	The Wabash R. R.	do	
7600	ao	Illinois Central R. R. Co	do	
7700	do	C., C., C. & St. L. R. R. Co.	.do	
7701	do	R. Smith.	Dairy products furnished depart-	`
7702	do	G. Taylor	do	
7703	do	E. S. Hayes	do	
7704	ao	л. п. меживиег I Rush	do	
7706	do	E. W. Smallev	_do	
7707	do	R. L. Myers.	do	
7708	do	C. Watkins	do	
7709	do	A. Shields	do	
7710 7711	ao	C E Kelly	do	
7719	do	C. Ross	.do	
7713	do	B. Jordan	do	. 1
7714	do	T. F. Jordan	do	
7715	do	B. Jordan T. F. Jordan A. E. Burwash I. W. Maxwell O. E. Shobe & Co	do	•
7717	oo	A. E. Burwasii. I. W. Maxwell O. E. Shobe & Co. J. L. Edmonds. C. C. Rayburn	Rent of carriages	
7718	do	J. L. Edmonds	Traveling expenses	2
7719	Apr. 23	C. C. Rayburn	Dairy products furnished depart-	
	1.		ment of dairy husbandry	
7700	of it	E. B. Resler	do	

#### ${\tt GENERAL~UNIVERSITY~VOUCHERS--\it Continued.}$

Vo.	Date.	To whom.	For what.	Amour
	1914.			
7721	Apr. 23	W. E. Satterfield	Dairy products furnished depart- ment of dairy husbandry	
7722	do			\$ 4453255334433334
7723	do	G. W. Vanmeter A. Shields. W. Case. J. A. R. Koch N. Hahn G. Hobick R. H. Brewer Poor! Hagan	do	5
7724	do	W. Case	do	3
7725	do	J. A. R. Koch	do	2
7726	do	N. Hahn	do	5
7727	do	G. Hobick	do	5
7728	do	R. H. Brewer	do	3
	ao	Pearl Hazen Z. Alsip F. W. Howell T. M. Ghere	do	3
7730 7731	do	E W Howell	do	4
7732	do	T M Chere	do	3
7732 7733	do	C. Jinks	do	3
7734	do	A. Kroner	do	1 4
7735	do	J. B. Marsh	do	1 4
7736	do	C. G. Plottner	do	3
7737	do	A. Dunn	do	5
7738	do	H.I. Nelson	do	2
7739	do	W. F. Hampton		33 55 22 22 24 42 166 22 24 43 24 24 25 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28
7741	ao	D S McInness	do	2
7749	do	C. C. Gordon	do	2
7743	do	M. Hudson	do	1 9
7744	do	F. W. Howell T. M. Ghere. C. Jinks A. Kroner. J. B. Marsh C. G. Plottner. A. Dunn H. I. Nelson W. F. Hampton R. A. Lumsden R. S. McInness C. C. Gordon M. Hudson B. T. Lumsden I. H. Gordon E. A. Smith I. W. Maxwell W. C. Welch E. J. Percival C. A. Houltzhouer John E. Noon Harry C. Webster August Gerber Kaiserlich Deutsches Archaologisches Institut	do	1 1
7745	do	I. H. Gordon	do	l a
7746	do	E. A. Smith	do	9
7747	do	I. W. Maxwell	do	2
7748	do	W. C. Welch	do	4
7749	do	E. J. Percival	do	3
7750	do	C. A. Houltzhouer	do	2
7751	do	John E. Noon	Loan	50 100 345
7752		Angust Corbon	Cm asim and	100
7754	do	Zojgorlich Doutschop Archeologisches In-	specimens	345
1104	u0	etitut	Laboratory apparatus	1
7755	do .	Neue Photographische Gesellschaft	General supplies	, ,
7756	do	John L. Rich	Office supplies	8
7757	do	J. D. White	Postage	96
7758	do	Stafford Engraving Co	Printing and publishing	4
7759	do	G. E. Cogswell	Medical services	4
7760	do	Auto Supply Co	Field expenses	1 6
7761	Apr. 24	G. Schiff	Dairy products furnished depart-	1
#700		Harry C. Webster August Gerber Kaiserlich Deutsches Archaologisches In- stitut Neue Photographische Gesellschaft John L. Rich J. D. White Stafford Engraving Co. G. E. Cogswell Auto Supply Co. G. Schiff Bert Barber G. Hurst C. A. Fogel	ment of dairy husbandry	4
7763	do	C Huret	do	4
7764	do	C A Foral	do	1 5
7765	do	W D Rohl	do	
7766	do	Mary Warner	do	8
7767	do	S. T. Carter	do	
7768	do	G. W. VanMeter	do	1 . 4
7769	do	A. E. Burwash	do	2
7770	do	J. F. Francis	do	3
7771	do	J. Garrett		3
7772	ao	Bert Barber G. Hurst C. A. Fogel W. D. Rohl Mary Warner S. T. Carter G. W. VanMeter A. E. Burwash J. F. Francis J. Garrett H. E. Cunningham Percy Ash S. C. Burton C. R. Clark A. B. M. Corrubia F. K. Cowdey	Calany April 1014	15 208
77774	Apr. 25	C C Burton	Datary, April, 1914	208
7775	do	C R Clark	do	140 166
7776	do	A. B. M. Corrubia	do	160
7777	do	F. K. Cowley	do	120
7778	do	Winifred Fehrenkamp	do	70
7779	do	J. H. Forsythe	do	150 160
7780	do	R. T. Jones	do	160
7781	do	J. M. Kellogg	do	150
7782	do	A. H. Kimball	do	150
7783	do	L. H Provine		291
7784	ao	W. C. Witcomb		291
1185	do	N A Walls	do	175
1180	do	Earla R Math	do	104 140
7720	do	Ralph E Muchiman	do	140
7790	do	I. O. Baker	do	333
1100	) do	B. L. Bowling	do	25
7790	lldo	R. E. Davis	do	83 120
7790 7791	1 4-	N. B. Garver	do	14
7790 7791 7799	(L. (10) ·			1 000
7790 7791 7792 7798	do	A. B. McDaniel	. do <b></b>	J 228
7790 7791 7792 7793 7794	do	A. B. McDaniel Guy G. Mills	do	90
7790 7791 7792 7793 7794 7795	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	G. R. Clark F. K. Cowley F. K. Cowley Winifred Fehrenkamp J. H. Forsythe R. T. Jones J. M. Kelldgg A. H. Kimball L. H. Provine N. C. Ricker W. C. Titcomb N. A. Wells Earle R. Math Ralph E. Muehlman I. O. Baker B. L. Bowling R. E. Davis N. B. Garver A. B. McDaniel Gry G. Mills J. I. Parcel G. W. Pickels	do	229 90 200 150

No.	Date.	To whom.	For what.	Amour
	1914.			-
7797	Apr. 25	W. H. Raynor. J. E. Smith. C. C. Wiley. W. M. Wilson P. S. Biegler Morgan Brooks. J. M. Bryant I. W. Fisk L. V. James A. R. Knight E. B. Paine E. H. Waldo Chas R. Moore Robin Beach Rufus Crane H. H. Jordan	Salary, April, 1914	\$130
7798	do	J. E. Smith	do	150
7799	do	C. C. Wilev	do	141
7800	do	W. M. Wilson	do	183
7801	do	P. S. Biegler	do	166
7802	do	Morgan Brooks	do	250
7803	do	J. M. Bryant	do	229 133
7804	do	I. W. Fisk	do	133
7805	do	L. V. James	do	133
7806	do	A. R. Knight	do	150
7807	do	E. B. Paine	do	250
7808	do	E. H. Waldo	do	166
7809	do	Chas. R. Moore	do	130
7810	do	Robin Beach	do	100
7811	do	Rufus Crane	do	100
7812	do	H. H. Jordan	do	140
7813	do	H. W. Miller	do	183
7814	do	W S Nelson	do	30
7815	do	F. M. Porter		125
7816	do	H. O. Riigg	do	150
7817	do.	H. O. Rugg. R. K. Steward.	do	141
7818	do	B. W. Benedict. J. A. Dent. A. B. Domonske. J. M. Duncan	do	291
7819	do	J. A. Dent.	do	150
	do	A. B. Domonske	do	140
7821	do	J. M. Duncan	do	90
	do	H. S. Eames	do	140
7823	do	H. S. Eames. G. A. Gross.	do	150
	do			91
	do	J. A. FISK H. F. Godeke G. A. Goodenough L. A. Harding R. E. Kennedy E. T. Lanham	do	130
7826	do	G A Goodenough	do	291
7827	do	L A Harding	do	291
7828	do	R E Kennedy	do	150
7820	do	E T Lanham	do	120
7830	do	O A Loutwiler	do	241
7931	do	O. A. Leutwiler	do	100
7830	do	G W Dodehough	do	110
7933	do	G. H. Radebaugh P. J. Rebman	do	80
7834	do	C D Dicharde	do	80 479
7935	do	C. R. Richards D. L. Scroggin	do	120
7096	do	E C Torrongo	do	110
7937	do	W Woterfell	do	130
7030	do	F. C. Torrance H. W. Waterfall A. C. Willard	do	200
7830	do	S. O. Andros.	do	25
7840	do	E. A. Holbrook	do	208
78/1	do	H. H. Stoek.	do	416
	do	L. E. Voung	do	150
79/3	do	L. E. Young H. E. Babbitt.	do	140
	do	G. P. Boomsliter	do	170
	do	M. I. Frager		187
	do	M. L. Enger. N. E. Ensign. V. R. Fleming.	do	150
	do	V R Fleming	do	150
	do	Harry Gardner	do	140
7849		H F Gonnerman	do	150
7850	do	C. E. Noerenherg	do	170
7851	do	F R Saely	do	170
7852	do	F. B. Seely A. N. Talbot Alexander Vallance	do	416
7853	do	Alexander Vallance	do	140
7854				50
7855		W. H. Ball A. P. Carman L. T. Jones. Sebastian Karrer C. T. Knipp	do	416
7856		L. T. Jones	do	95
7957	do.	Sehastian Karrer	do	70
7858	do	C. T. Knipp	do	233
7850	do	Jacob Kunz	do	208
7860	l. do	J. B. Nathanson		50
7861	do	Wm. F. Schulz	_do	183
7869	do	O. A. Bandolph		90
7863	do	G. A. Shook	do	120
7864	do	O. H. Smith	do	95
7865	do	F. R. Watson	do	229
7866	do	E. H. Warner	do	80
7867	-do	E. H. Williams		141
7868	do	C. T. Knipp Jacob Kunz J. B. Nathanson Wm. F. Schulz O. A. Randolph. G. A. Shook O. H. Smith F. R. Watson E. H. Warner E. H. Williams J. B. Hayes A. M. Buck A. F. Comstock E. C. Schmidt F. C. Bauer W. L. Burlison I. W. Dickerson E. T. Ebersol		90
7869	do	A. M. Buck	do	150
7870	dodo	A. F. Comstock	-do	166
7871	do	E. C. Schmidt	do	191
7879	do	F. C. Bailer	do	133
7879	ob l	W. L. Burlison	do	116
7874	do.	T. W. Dickerson	do	133
707	do	E T Ebersol	do	. 60
		(1), 1, 1) UOLOUL	uv	

No.	Date.	To whom.	For what.	Amou
	1914.	K. J. T. Eckblaw. F. A. Fisher O. S. Fisher A. F. Gustafson M. E. Jahr J. G. Mosier J. H. Pettit C. O. Reed L. H. Smith A. L. Whiting E. A. White. H. W. Stewart D. O. Barto Sieeter Bull W. J. Carmichael W. J. Carmichael W. C. Coffey J. A. Detlefsen J. L. Edmonds H. S. Grindley W. F. Handschin W. E. Joseph H. W. Mumford H. P. Rusk W. H. Smith J. J. Yoke W. H. Smith J. J. Yoke W. T. Crandall R. S. Hulce LeRoy Lang H. N. Parker H. A. Ruehe W. W. Yapp F. A. Aust E. W. Bailey S. J. Bole E. R. Dewsnup E. L. Bogart W. A. Chase Simon Litman A. L. Prickett M. H. Robinson H. T. Scoville N. A. Weston O. E. Staples, Bursar Goodspeed's Book Shop B. Haas T. Gamber John Wheldon & Co Democrat Printing Co Wm. J. Gerhard American Iron & Steel Institute The H. W. Wilson Co G. Schirmer Martinus Nijhoff Paul Gottschalk Max Weg Western Union Telegraph Co A. R. Grindley E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. Grove E. H. Besore.		
7876	Apr. 25	K. J. T. Eckblaw	Salary, April, 1914	\$133 100
7070		F. A. Fisher	do	100
7070		O. S. Fisher	00	208 175 140
7000	do	M F Tohr	do	175
7000	uo	T. C. Mosion	do	140
7001	uo	T T Dottit	do	291
7002	do	C O Pood	do	250 120 291
7994	do	T. II Smith	do	120
7885	do	A T. Whiting	do	150
7996	do	F A White	do	150
7887	do	H W Stowert	do	175 150 200 133
7888	do	D O Borto	do	100
7889	do	Sleeter Rull	do	122
7890	do	W. J. Carmichael	do	01
7891	do	W C Coffey	do	266
7892	do	J. A. Detlefsen	do	200
7893	do	I. L. Edmonds	do	200
7894	do	H. S. Grindley	.do	200 200 208 291 200 150
7895	do	W. F. Handschin	do	200
7896	do	W. E. Joseph	do	150
7897	do	H. W. Mumford	do	416
7898	do	H. P. Rusk	do	208
7899	do	W. H. Smith	do	125
7900	do	J. J. Yoke	do	416 208 125 83
7901	do	W. T. Crandall	do	150 116
7902	do	R. S. Hulce	do	116
7903	do	LeRoy Lang	do	175
7904	do	H. N. Parker	do	200
7905	do	H. A. Ruehe	do	133
7906	do	W. W. Yapp	do	175 200 133 91
7907	do	F. A. Aust	do	83 175 88 250
7908	do	E. W. Bailey	do	175
7909	do	S. J. Bole	do	88
7910	do	E. R. Dewsnup	do	250
7911	do	E. L. Bogart	do	291
7912	do	W. A. Chase	do	200 208
7913	do	Simon Litman	do	208
7914	do	A. L. Prickett	do	250 250 200 250
7915	do	M. H. Robinson	do	250
7910	ao	H. T. SCOVIIIe	ao	200
7010	do	N. A. Weston		250
7010		Condenged a Pool Chan	Books Duis	16
7000		D Hear	DOURS	1 18 18 12 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
7021	do	T Combar	do	
7022		Tohn Wholdon & Co	do	100
7022	do	Domograf Printing Co	do	10
7924	do	Wm I Carbard	do	12
7925	do	American Iron & Steel Institute	do	5
7926		The H W Wilson Co	do	١ ١
7927	đo	G Schirmer	do	7
7928	do	Martinus Niihoff	do	1 6
7929	do	Paul Gottschalk	do	614
7930	do	Max Weg	_do	70
7931	do	Western Union Telegraph Co.	Telephone and telegraph	78 50
7932	Apr. 27	A. R. Grindley	Dairy products furnished depart-	
			ment of dairy husbandry	
7933	do	E. Grove	do	ē
7934	do	A. Dunn	do	2
7935	do	I. H. Besore	do	8
7936	do	W. H. Gray	do	. 2
7937	do	O. W. Hampton	do	8
7938	do	R. P. Hayes	do	1
7939	do	F. Elliott	do	8
7940	do	J. Freeman	do	4
7941	do	J. Rueb	do	3
7942	do	L. G. VanBuskirk	do	3
7943	do	T. M. Ghere.	do	3
7944	do	F. Knox	do	3
7945	do	W. D. Rohl	do	6
7946	do	W.E. Womacks	do	3
7947	do	J. D. Pulliam	[ao	2
7948	do	C. R. Beaver	do	3
7949	do	W.E. Yount	ao	3
7950	ao	D. B. Wnite		4
7951	do	E. Grove A. Dunn I. H. Besore W. H. Gray O. W. Hampton R. P. Hayes F. Elliott J. Freeman J. Rueb L. G. VanBuskirk T. M. Ghere F. Knox W. D. Rohl W. E. Womacks J. D. Pulliam C. R. Beaver W. E. Yount D. B. White Van Carter J. H. Rutan L. Libka		33 23 1 3 3 3 3 3 6 3 3 2 3 3 4 3 3 2 3 3 3 4 3 3 2 3 3 3 4 3 3 2 3 3 4 3 3 2 3 3 4 3 3 2 3 3 4 3 3 2 3 3 4 3 3 2 3 3 4 3 3 3 3
7852	ao	у. п. киtan	do	2
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٧o.	Date.	To whom.	For what.	Amou
	1914.			
7954	Apr. 27	D. Hahn	Dairy products furnished department of dairy husbandry	
	-		ment of dairy husbandry	\$ 42 34 42 63 44 11
7955	do	S. G. Richards	. do	2
7956	do	T. M. Clayton	do	8
7957	do	J. J. Cender	. do	4
7958	do	F. H. Busey	do	2
7959	do	C. W. Pfeister	. do	6
7960	do	F. Sheffer	. do	3
7961	do	P. P. <u>D</u> unn	. do	4
7962	do	C. A. Houltzhouer	. do	1
7963	do	L. W. Maxwell	. do	1
964	do	E. J. Percival	. do	. 2
965	do	H. Giltner	. do	1
966	do	J. Hammack	do	3
967	do	Florence Keller	Wages, April, 1914	60
968	do	H. L. Gannett		50 15
969	do	Ernest R. Dewsnup	Traveling expenses	19
970	do	C., C., C. & St. L. R. R.	Freight	2
9/1	ao	U., U., U. & St. L. K. R.		15
972	do	D. Hahn S. G. Richards T. M. Clayton J. J. Cender F. H. Busey C. W. Pfeister F. Sheffer P. P. Dunn C. A. Houltzhouer I. W. Maxwell E. J. Percival H. Giltner J. Hammack Florence Keller H. L. Gannett Ernest R. Dewsnup C., C., C. & St. L. R. R C., C., C. & St. L. R. R Illinois Central R. R. Co Wabash R. R Pickering & Chatto Otto Harrassowitz Karl W. Hiersemann W. M. Murphy Luzac & Co Francis Edwards John Grant Museum Book Store Honore Champion Porrua Hermans C. Chadenat Geo. Harding		21
973	ao	wanash K. K.	Deales	26
9/4	Apr. 28	Pickering & Chatto	DOUKS	126 13
975	do	Vilo Harrassowitz	-[00	9
9/0	do	M. M. Mumber	uu	9
070	do	Tyrae & Co	u0	97
070	do	Francis Edwards	do	4 37 13
979	do	Tohn Crant		13
001	do	Museum Book Ctore	do	$6\overline{2}$
991		Transpara Champian		04
982	do	Porma Hormana		3 51
983	do	C Chadanat	do	10
004		Coo Hording	.do	12 186
000	do	Geo. Harding. Kaiserlich Deutsches Archaologisches In-	40	100
900	uo	Asisemen Deutsches Archaologisches in-	Specimens	44
007	do	The Western Union Telegraph Co	Talanhone and talagraph	40
106	do	The Voung Menia Christian Agen	Subscription	250
090	do	Central Union Telephone Co	Talanhona	19
	do	Kaiserlich Deutsches Archaologisches In- stitut. The Western Union Telegraph Co- The Young Men's Christian Assn. Central Union Telephone Co- G. Taylor  G. Schiff.	Dairy products furnished depart-	10
000		a. 10,101	ment of dairy husbandry	2
991	do	G. Schiff	do	4
992	do	A. E. Burwash	do	3
993	do	T. H. Green	do	3
994	do	R. L. Myers	do	3
995	do	E. W. Smallev	do	5
996	do	Pearl Hazen.	do	5 2 2
997	do	J. Rueb	do	2
998	do	G. W. Van Meter	do	7
999	do	A. Shields	do	4
000	do	Macy Bros	do	8
001	do	J. W. Kelly	do	8 2
002	do	B. Jordan	do	13 5
003	do	C. A. Fogel.	do	5
004	do	R. L. Wirt	do	3
005l	do	G. Schiff A. E. Burwash T. H. Green R. L. Myers E. W. Smalley Pearl Hazen J. Rueb G. W VanMeter A. Shields Macy Bros J. W. Kelly B. Jordan C. A. Fogel R. L. Wirt C. Ross	do	5
006	do	R. L. Witt. C. Ross. T. F. Jordan. J. R. Trevett. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. E. F. Lyons.	do	9
007	Apr. 29	J. R. Trevett	Traveling expenses	13
008	do	O. E. Staples, Bursar	Student labor	- 2
009 .	do	O. E. Staples, Bursar	Sundry bills	48 26
010	do	O. E. Staples, Bursar	Express	26
11	do	E. F. Lyons	Dairy products furnished depart-	
			ment of dairy husbandry	3
12	do	A. Dunn	do	6
)13 .	do,	W. F. Hampton	do	3
)14 .	do	R. T. Lumsden	do	1
)15	do	G. F. Diefenbach	do	1
16 .	do	R. A. Lumsden	do	3
17 .	do	M. Hudson	do	3
)18 .	do	J. C. Gordon	do	4
)19 .	do	R. S. McInness	do	4
020	do	O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar E. F. Lyons A. Dunn W. F. Hampton R. T. Lumsden G. F. Diefenbach R. A. Lumsden M. Hudson D. C. Gordon R. S. McInness I. E. Henderson H. M. Corray E. S. Hayes S. G. Richards R. W. Brewer D. S. Herriott I. W. Howell G. W. VanMeter W. E. Satterfield	do	4
021	do	H. M. Corray	do	6
022 .	do!	E. S. Hayes	do	3
023	do	s. G. Richards	do	2
024	do	R. W. Brewer	do	3 2 2 3 4
025	do	D. S. Herriott	do	3
വാവ	do	J. W. Howell	do	4
0201.				9
027	do	G. W. VanMeter	ao	3

0.	Date.	To whom.	For what.	Amou
	1914.	I. H. Gordon  W. Case T. M. Ghere L. Libka J. B. Marsh N. Hahn J. A. R. Koch G. O. McMorris W. D. Rohl T. M. Clayton J. W. Rayburn C. C. Rayburn T. M. Guynn O. A. Foster J. Ridgeley M. Lowery E. J. Percival C. A. Houltzhouer E. A. Smith W. E. Yount Monier & Morrisey J. D. White Mrs. F. E. McClughen Robert Rutter & Son Chas. Scribner's Sons Boosey & Co Oliver Ditson Co American Prison Assn A. L. A. Publishing Board W. W. Lindley Tice & Lynch Hodges, Figgis & Co Pickering & Chatto Karl W. Hiersemann Otto Lange Jacques Rosenthal James Thin Oswald Weigel N. W. Damm & Son William Brown Otto Harrassowitz Bennett's Magazine Agency Ernst Hertzberg & Sons G. W. Sheldon & Co Allen F. Moore J. Coleman O. W. Albright A. J. Spohn A. J. Speager	`	
3029	Apr. 29	I. H. Gordon	Dairy products furnished depart-	
	_		ment of dairy husbandry	<b>\$</b>
030	do	W. Case	do	
031	do	T. M. Ghere	do	
032	do	L. Libka	do	
033	do	J. B. Marsh	do	
034	do	N. Hahn	do	
035	do	J. A. R. Koch	do	
036	do	G. O. McMorris	do	
037	do	W. D. Rohl	do	
8038	do	T. M. Clayton	do	
039	do	J. W. Rayburn	do	
040	do	C. C. Rayburn	do	
041	do	T. M. Guynn.	do	
042	do	O. A. Foster	do	
043	do	J. Ridgeley	do	
044	do	M. Lowery	do	
045	do	E. J. Percival	do	
046	do	C. A. Houltzhouer	do	
047	do	E. A. Smith	do	
048	do	W. E. Yount	do	2 9 1
049	do	Monier & Morrisey	Insurance premium	2
050	do	J. D. White	Postage	
051	do	Mrs. F. E. McClughen	Labor	j
052	Apr. 30	Robert Rutter & Son	Books	
053	do	Chas. Scribner's Sons	do	2
054	do	Boosev & Co	do	
055	do	Oliver Ditson Co	do	
056	do	American Prison Assn	do	
057	do	A. L. A. Publishing Board	General supplies	
058	do	W. W. Lindley	Postage	
059	do	Tice & Lynch	Freight and express	7
060	do	Hodges, Figgis & Co	Books	7
061	do	Pickering & Chatto	do	
062	do	Karl W. Hiersemann	do	1
063	do	Otto Lange	do	5
064	do	Jacques Rosenthal	do	`
065	do	James Thin	do	
066	do	Oswald Wajgal	do	9
067	do	N W Damm & Son	do	3
068	do	William Brown	do	1
069	do	Otto Harrassowitz	do	ī
070	do	Bennett's Magazine Agency	Magazines	1 2
071	do	Ernst Hertzberg & Sons	Binding	22
072	. do	G. W. Sheldon & Co	Freight and express	-2
073	May 1	Allen F. Moore	Traveling expenses	4
074	May. 2	I Coleman	Dairy products furnished depart-	
	nady =	0.000	ment of dairy husbandry	1
075	οħ	O. W. Albright	do	-
076	do	A I Snohn	do	
077	do	A T Bragger	do	
072	do	M E Simonsan	do	
070	40	P I Patersan	do	
กัรก	. do	Richmond Bros	do	
081	do	Rossville Creamery Co	do	
089	do	F. Grimm	do	
083	do	Jacksonville Creamery Co	do	
084	do.	H. J. Deardorf	do	
085	do.	R. J. Collier	do	
กัลล์ไ	May 4	Edwin Romeiser	Wages April 1914	]
087	do.	R. T. Shaffer	do	
กรัฐ	do	G. W. Salsbury	do	1
089	. do	R. H. Nixon	do	i
ñãn	. do	Wayne Johnson	do	1
100	. do.	H. E. Barden	do	í
002	do	F M VanNatter	do	i
าดูร์	do	Nathan Meltz	do	1
004	do	Philin IIdinskay	do	9
nor	do	R H Ongotal	do	2
008		M C Wagner	do	4
007	do	I E Shinley	do	3
000	uo	C A Brumley	do	3
	do	R L Rentley	do	4 2
098		Roland Brooks	do	1
098 099			uv	Ţ
098 099 100	do	B M Kisslehera	do	
098 099 100 101	do	B. M. Kissleberg	do	1
098 099 100 101 102	do	B. M. Kissleberg. O. M. McGhee.	do	3
099 100 101 102 103	do	Allen F. Moore J. Coleman  O. W. Albright. A. J. Spohn A. J. Spohn A. J. Bragger M. E. Simonsen P. J. Petersen Richmond Bros. Rossville Creamery Co. F. Grimm Jacksonville Creamery Co. H. J. Deardorf R. J. Collier Edwin Romeiser R. T. Shaffer G. W. Salsbury R. H. Nixon Wayne Johnson H. E. Barden F. M. VanNatter Nathan Meltz Philip Udinskey B. H. Questal M. C. Weaver J. E. Shipley C. A. Brumley R. L. Bentley Roland Brooks B. M. Kissleberg O. M. McChee J. P. Miles E. C. Secor E. F. Murphy	dodododo	1 3 1 1

#### ${\tt GENERAL~UNIVERSITY~VOUCHERS--Continued.}$

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n Traveling expenses	3
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Dairy products turnished depart-	
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	Dairy products furnished department of dairy husbandry.   do.
No.	Date.
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	1914.
8184	May 4
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8226	May 5
8227	do
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8256	do
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	Date.	To whom.	For what.	Amo
	1914.	E. B. Shaw D. Beilin H. M. English G. H. Lindsey J. K. Tuthill E. E. Warner C. F. Hill L. S. Linder A. Long O. E. Shobe & Co. The Alumni Association O. B. Kircher W. L. Frank L. F. Simpson F. W. Graves R. Smith G. Schiff		
62	May 5	E. B. Shaw	Wages, April, 1914	\$
63	do	D. Beilin.	do	
64	do	H. M. English	ido	) 1
65	do	G. H. Lindsey	do	2
66	do	J. K. Tuthill	do	2
67	do	E. E. Warner	do	25
68	do	C. F. Hill	do	]
69	do	L. S. Linder	do	]
70	do	A. Long	do	
71	do	O. E. Shobe & Co	Livery	
$\frac{72}{2}$	do	The Alumni Association	Quarterly appropriation	25
73	do	O. B. Kircher	Wages, April, 1914	1 8
74	do	W. L. Frank	do	8
75	do	L. F. Simpson	do	. 1
76	do	F. W. Graves	do	[ ]
77	May 6	R. Smith	Dairy products furnished depart-	
<b>"</b> 。		~ ~ * * * *	ment of dairy husbandry	
18	do	G. Scniff	do	l
(9)	do	G. Taylor	do	1
οŲ	qo	F. Knox	do	l
91	ao	P. Herriott	do	l
02	do	A. Kroner	do	1
00	op	J. D. Pernam	ao	l
25	op	L. S. Hayes		1
96	do	Macy Bros		
27		J. Rued		l
20	uo	W. J. Halling F. W. Graves F. W. Graves R. Smith G. Schiff G. Taylor F. Knox D. Herriott A. Kroner J. D. Perham E. S. Hayes Macy Bros J. Rueb T. L. Lowery R. L. Meyers B. Jordan C. Ross T. F. Jordan E. W. Smalley A. E. Burwash C. J. VonHolten J. H. Fox Vera M. Davis Thos. Lyons W. W. Trimble R. K. Turner Hugh Utterback C. E. Mattoon J. S. Medley B. F. McDaniel Jasob Nikolaus Nick Peterson J. F. Purkins H. L. Thompson L. M. Stearns O. J. Utterback P. T. Walters Dan Meeneley John Ascherman Tim Kenney M. F. Roberts Roy Tailock C. M. Ollis A. L. Johnson A. L. Collins L. T. Franklin Roy Crawford Fights Frank Clancy Hugh Utterback P. T. Walters Dan Meeneley John Ascherman Tim Kenney M. F. Roberts Roy Tailock C. M. Ollis A. L. Johnson A. L. Collins I. F. Tillotson F. T. Franklin Roy Crawford Felix Fox J. B. Hickey Harry Higgins Howard Downing W. A. Boyce J. H. Miller Harry Clifford John Brannigan Frank Clancy Owen Gilley Jesse Meyers A. Warmbier A. L. Sowers Russell Orrill Jas, Boswell Andrew Boswell		1
20		R. L. Meyers		
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21	uo	U. R.088		] 1
25	uo	T. F. JOPONII.		,
02	ao	L. W. Smalley		1
94	ao	C. T. Von Trolton		
95	do	U. J. VOLHOHEL		l
96	do	Vore M. Dowie	Words April 1014	·1
97		Thea Trens	wages, April, 1914	3
98	uo	W W Trimble	do	8
aai		D T Turner	do	2
กก	do	Hugh Httorhook	do	ا ا
กา	do	C F Mattoon	do	4
02	do	Tag McCullough	do	i
03	do	II G Mov	do	1 2
04	do	Forrest Mock	do	8
05	do	B F McDaniel	do	} }
06	do	Jacob Nikolaus	do	. 6
07	do	Nick Peterson	do	ÌÈ
08	do	I F Purkins	do	Ì
09	do	H. L. Thompson	-do	5
10	do	L. M. Stearns	do	(
11	do	O. J. Utterback	do	È
12	do	P. T. Walters	do	4
13	do	Dan Meeneley	do	(
14	. do	John Ascherman	do	ì
15	do	Tim Kenney	J. do	4
16	do	M. F. Roberts	do	ŧ
17	do	Roy Tatlock	do	1
18	do	C. M. Ollis.	do	3
19	do	A. L. Johnson	do	8
20	do	A. L. Collins	do	
21	do	I. F. Tillotson	do	1
22	do	F. T. Franklin	do	1 6
23	do	Roy Crawford	do	
24	do	Felix Fox	do	4
25	do	J. B. Hickey	do	8
26	do	Harry Higgins	do	8
27	do	Howard Downing	do	8
28	do	W. A. Boyce	do	
29	do	J. H. Miller	do	10
30	do	Harry Clifford	do	8
31	do	John Brannigan	do	1 7
32	. do	Frank Clancy	do	10
33	do	Owen Gilley	do	
34	do	Jesse Meyers	do	1 6
35	do	A. Warmbier	do	1
36	do	A. L. Sowers	do	ç
37	do	Russell Orrill	do	[ ]
38	do	Jas. Boswell	do	
		Andrew Recurall	l do	1

0.	Date	To whom.	For what.	Amou
	1914.			
340	May 6	Emmett Roberts	Wages, April, 1914dodo	\$45 59
341	do	John F. Hannah	do	59
342	do	John B. Hallian Paul Davis. Ora B. Castle Albert Bradford. Mark Small Blance R. Humrichouse.	do	47
343	do	Ora B. Castle	do	40
344	do	Albert Bradford	do	52 60 27
345	do	Mark Small	do	60
346	do	Blance R. Humrichouse	do	27
347	do	Wm. Fogarty	do	5.4
348	do	Blance R. Humfrinduse. Wm. Fogarty Frank Fogarty Saml. Hanson Ed. Hargen W. G. Hixon Frank Irvine	do	54 71 70
349	do	Saml.Hanson	do	71
350	do	Ed. Hargen	do	70
351	do	W. G. Hixon	do	52
352	do	Frank Irvine	do	75
353	do	Jas. Irvine	do	54 50
354	do	Roy Lanham	do	50
355	do	P. O. Moore	do	14
356	do	A. Moran	do	65
357	do	R. A. Palferman.	do	46
358	do	B. L. Reed	do	59
359	do	J. C. Snider	do	59 54
360	do	Basil Brown	do	60
361	do	D. M. Bullock	do	62
362	do	Sami. Hanson Ed. Hargen W. G. Hixon Frank Irvine Jas. Irvine Roy Lanham P. O. Moore A. Moran R. A. Palferman B. L. Reed J. C. Snider Basil Brown D. M. Bullock Ross Hutton Fred Langhoff O. E. Meenach H. H. Mahorney A. Servis Geo. Toy. Geo. Turner Ed. Wharmby Margaret Jones Frances E McClughen Rebecca Morgan Mary Ryan W M Atwell C. E. Arrington Harry Brown J. E. Balley J. E. Browning R. S. Carson J. W. Cheever B. F. English C. Y. Freeman J. J. Fiscus W. H. Graybeal V. S. Glenn David Glenn F. F. Hoover L. T. Heinz C. C. Johnson A. C. Litton Roy Lewis C. P. Moore J. E. Morgan C. M. Miller D. T. Moody F. Crathorne A. Langhoff V. R. Barnes M. C. Booher A. J. Booker J. C. Fiscus Chas. Hill J. D. Craig S. A. Porter Martin Sandwell A. C. Speedie Wesley Wilson Ames J. Fay E. C. Lounseth J. B. Doll Wm Templin Thos. J. Fay E. C. Lewis Frank Stateler Thos. Long	do	64
$36\overline{3}$	do	Fred Langhoff	do	64
364	do	O. E. Meenach	do	64 72
365	do	H. H. Mahorney	do	66
866	do	A. Servis	do	69 67 63
367	do	Geo. Tov	do	67
368	do	Geo. Turner	do	63
869	do	Ed Wharmhy	do	70
370	do	Margaret Tones	do	44
71	do	France F. McCluchen	do	44
372	do	Pahaga Margan	do	44 37 39
73	do	Mory Dyon	do	30
271	uo	W M Atwell	do	57
75	do	C T Amington	u0	91
76	do	Tonny Droven		63 64
77		Harry Brown		09
200	ao	J. E. Daney	ao	54
508	ao	J. E. Browning	do	60
900	do	K. S. Carson		53 52 64
380	ao	J. W. Cneever	do	52
180 180	ao	B. F. English	qo	04
582	ao	C. Y. Freeman	do	59
000		J. J. Fiscus	d0	61
84	do	W. H. Graybeal	do	63 52
880	do	V. S. Glenn	ao	52
980	do	David Glenn	ao	51
887	do	F. F. Hoover	do	60
888	do	L. T. Heinz	do	40
889	do	U. U. Johnson	ao	62 57
890	do	A. C. Litton	ao	57
91	do	Koy Lewis	ao	52
92	do	C. P. Moore	do	58
193	do	J. E. Morgan	ao	10 56
94	do	C. M. Miller	do	56
95	do	D. T. Moody	ao	53
96	do	F. Crathorne	ao	84
97	do	A. Langhoff	ao	84 93
98	do	V. R. Barnes	do	93
99	do	M. C. Booher	do	48
100	do	A. J. Booker	do	53
01	do	J. C. Fiscus	do	81
02	do	Chas. Hill	do	95
103	do	J. D. Craig	do	95 77 83
04	do	S. A. Porter	do	83
05	do	Martin Sandwell	do	81
06	do	A. C. Speedie	do	81
107	do	Wesley Wilson	do	82
108	do	Amos Wright	do	76
109	do	J. H. Vandiventer	do	· 82
110	do	C. A. Dunseth	do	32
111	do	J. B. Doll	do	84
112	do	Wm Templin	do	84 86 93
113	do	Thos. J. Fay	do	93
414	do	E. C. Lewis	do	70
		a.		70 81
115	do	Frank Stateler	<b> a</b> 0 <b></b>	70

•	Date.	To whom,	For what.	Amo
	1914.	Jos. Davis. J. A. J. Klien Wm. Quinn. Howard F. Fabert Frank Cunningham Sell Hamlin Ruthe Murphey. F. M. Perry T. O. Henderson. A. L. Brining. A. Bevis. Cevilla Carothers Vera Beyers. E. W. Justus. J. R. Newton. Ed. Richards. John Ceduskey Louie Fender J. F. Long. A. J. McAlister A. C. Wascher A. L. Shriver W. C. Wilde. Geo. Boyer. Thos. Buttler. Herman Fechtruph Lee McMillion. Chas. Wilson T. E. Wells. Jas. Meriweather Gilbert Robbins W. J. Smith. Guy Fox. Chas. Gundlock Fred Fender P. L. Levick Orval Snook. W. J. Langhoff. Mollie B. Frazier Oscar L. Hunt Frank C. Wilson Verna Manley. Marion E. Sparks. J. W. DuHamel Roy A. Horning R. R. Danielson C. L. Walduck Mary E. Busey. Florence E. Watson. Havana Republican J. Horace McFarland Co. Pantagraph Printing & Stationery Co. Illinois State Reformatory D. H. Lloyde. Ralph P. Brown Ed. Lerch P. J. Nilsen. H. R. Richardson P. J. Sweeny E. C. Williams Cecil McKibben Mrs. Jessie Conner Ira L. J. Nisen. H. R. Richardson P. J. Sweeny E. C. Williams Cecil McKibben Mrs. Jessie Conner Ira L. J. Nisen. H. R. Richardson P. J. Sweeny E. C. Williams Cecil McKibben Mrs. Jessie Conner Ira L. J. Dix R. A. Lumsden. W. F. Hampton R. T. Lumsden. W. F. Hampton R. T. Lumsden. W. F. Hampton R. T. Lumsden. W. F. Hampton R. T. Lumsden. W. F. Hampton R. T. Lumsden. U. Wilkins		
17	May 6	Jos. Davis	Wages, April, 1914	\$
18	do	J. A. J. Klien	do	
19	do	Wm. Quinn	do	1 (
20	do	Howard F. Fabert	do	
21	do	Frank Cunningham	do	1
22	do	Sell Hamili	do	1
24	do	E M Dorry	do	
25	do	T O Handerson	do	1
26	do	A. L. Brining	do	1
27	do	A. Bevis	do	1
28	do	Cevilla Carothers	do	,
29	do	Vera Beyers	do	1
30	do	E. W. Justus	do	1
31	do	J. R. Newton	do	1
32	do	Ed. Richards	d0	!
34	00	John Ceduskey	do	
35	do	I F Long	do	
36	do	A I Madlictor	do	!
37	do	A C Wescher	do	
38	do	A. L. Shriver	do	;
39	do	W. C. Wilde	do	1 1
40	do	Geo. Boyer	do	1
41	do	Thos. Buttler	do	
42	do	Herman Fechtruph	do	1 '
43	do	Lee McMillion	do	
44	do	Chas. Wilson	do.,	
45	do	T. E. Wells	do	
140	do	Jas. Meriweather	do	1
47	do	Gubert Robbins	do	1
140	00	W. J. SIIIIIII	do	1
50	do	Chas Cundlask	do	1 :
51	do	Fred Fender	do	
52	do	P. L. Levick	do	
53	do	Orval Snook	do	
154	do	W. J. Langhoff	do	
155	do	Mollie B. Frazier	do	
56	do	Oscar L. Hunt	do	
157	do	Frank C. Wilson	do	
158	do	Verna Manley	do	
159	do	Marion E. Sparks	do	
160	do	J. W. DuHamel		1
160 101	do	Roy A. Horning	00	
162	do	C T. Woldnelt	do	
iga Iga	do	Mory E Busay	Traveling avnances	1
165	do	Florance E. Wetson	do	
166	do	Havana Republican	Printing	3
67	do	I. Horace McFarland Co	do	3
168	do	Pantagraph Printing & Stationery Co	do	_
169	do	Illinois State Reformatory	do	4
170	do	D. H. Lloyde	Office supplies	
171	do	Ralph P. Brown	Wages, April, 1914	
72	do	Ed. Lerch	do	-
173	do	P. M. Hart	do	
14	do	C. A. Miller	do	
170	ao	H D Dichardson	do	1
77	uo	P T Sweeny	do	1
72	uo	E. C. Williams	do	1
179	do	Cecil McKibben	Nursing	-1
180	do	Mrs. Alice Laing	do	1 1
181	do	Mrs. Jessie Conner.	do	1 -
182	do	Ira L. Rush	Loan	1
183	do	Earl J. Dix	do	
184	May 7	R. A. Lumsden	Dairy products furnished depart-	1
			ment of dairy husbandry	-1
185	do	W. F. Hampton	do	1
186	do	R. T. Lumsden	do	1
187	do	E. V. Percival	do	-
100	do	J. E. Henderson		. [
100	αο	A. Dunn	au	
190 190	do	D. C. Wolang	uo	1
±ჵ1 10ი	on	T H Reserve	do	1
103 103	do	M. Hudson D. Wilkins	do	
		pre- reduction	uv	1

No.	Date.	To whom.	For what.	Amou
	1914.	H. M. Corray  J. J. Cender O. A. Foster C. R. Beaver G. W. VanMeter C. A. Fogel W. E. Satterfield L. Libka F. W. Howell D. B. White W. E. Satterfield L. Libka F. W. Howell D. B. White W. E. Yount J. B. Marsh F. Krukewitt T. M. Ghere N. Hahn P. J. Wagner A. G. Krukewitt J. D. Pulliam J. Ridgeley S. T. Carter Pearl Hazen J. A. R. Koch W. D. Rohl W. Case T. M. Clayton J. W. Rayburn S. G. Richards G. Hurst R. W. Brewer I. H. Gordon W. C. Wlech C. A. Houltzhouer E. A. Smith E. J. Percival W. H. Gray Engineering Ragazine The Postmaster, Urbana O. E. Staples, Bursar Capital City Press Pantagraph Printing & Stationery Co. Commercial Telephone & Telegraph Co. Egypt Exploration Fund P. S. Barto C. M. Crain O. R. Clements W. L. Mitchell M. G. Silver Rediable Plumbing & Heating Co. H. Y. Carson P. J. Nilsen Leanette Craigmile T. A. Purcell Harry Edison Orr H. J. Nelson A. R. Grindley G. Taylor Lour Creiger		
8495	May 7	H. M. Corray	Dairy products furnished department of dairy husbandry	<b>s</b> 4
8496	do	J. J. Cender	-do	<b>\$</b>
8497	do	O. A. Foster	do	3
8498	do	C. R. Beaver	do	ΙĘ
8499	do	G. W. VanMeter	do	
8500	do	C. A. Fogel	do	6
8501	do	W. E. Satterfield	do	8
8502	do	L. Libka	do	:
8503	do	F. W. Howell	do	:
8504	do	D. B. White	do	:
8505	do	W. E. Yount	do	
8506	do	J. B. Marsh	do	
8507	do	F. Krukewitt	do	
8508	do	T. M. Ghere	do	
3509	do	N. Hahn	do	
3510	do	P. J. Wagner	do	
8511	do	A. G. Krukewitt.	do	
8512	do	J. D. Pulliam	do	
8513	do	J. Ridgeley	do	
3514	do	S. T. Carter	do	
3515	do	Pearl Hazen.	do	
3516	do	J. A. R. Koch	do	
3517	do	W. D. Rohl	do	'
3518	do	W. Case	do	:
3519	do	T. M. Clayton	do	
3520	do	J. W. Rayburn	do	:
3521	do	S. G. Richards	do	
3522	do	G. Hurst	do	
3523	do	R. W. Brewer	do	:
3524	do	I. H. Gordon	do	8
3525	do	W. C. Wlech	do	1
3526	do	C. A. Houltzhouer	do	8
3527	do	E. A. Smith	do	
3528	do	E. J. Percival	do	
3529	do	W. H. Gray	do	
3530	May 7	Engineering Record	Advertising	1
3531	do	The Engineering Magazine	do	
3532	do	The Postmaster, Urbana	Postage	10
3533	do	O. E. Staples, Bursar	General labor	
3534	do	Capital City Press	Printing	1
3535	do	Pantagraph Printing & Stationery Co	do	16 6 1
3536	do	Commercial Telephone & Telegraph Co	Telephone rent	1:
3537	do	Egypt Exploration Fund	Specimens	25
3538	do	P. S. Barto	Student assistance	
3539	do	C. M. Crain	Wages, April, 1914	
3540	do	O. R. Clements	do	
3541	do	W. L. Mitchell	do	38
3542	do	M. G. Silver	do	38
5543	do	Reliable Plumbing & Heating Co	General supplies	33
5544	do	H. Y. Carson	General supplies and salary	33
5545	мау 8∣	P. J. Nilsen	Wages, April, 1914	
5546	do	ida Luther	do	2 4 5
5047	qo	Maude Campbell	ao	4
5248	qo	Jeanette Craigmile	ao	5
549	do	T. A. Purcell	do Refund C. P. A. examination fee Dairy products furnished deaprt- ment of dairy husbandry	2
000	мау 9	Harry Edison Orr	Rejund C. P. A. examination fee.	2
100°	ao	H. I. Neison	Dairy products jurnished deaprt-	Ι.
امعما	do.	A. D. Crindley	ment of dairy husbandrydodo	
5552	uo	C. Tordor		
5554	uu	T. a. Craigan		•
1555	uu	F Grove	00	
2556	uo	D D Dunn	uu	١ '
0000	uo	F. F. DUIII.	00	1 . 5
0550	uu	F. H. Dusey	00	
5550	uo	A. R. Grindley G. Taylor Lou Creiger E. Grove P. P. Dunn F. H. Busey L. G. Van Buskirk T. Green	00	3
2560	do	T. U. Tonka		
2561	do	J. II. JULKS D. S. MaNoith	00	
2560	uo	T W Zolly	uo	
0562	uu	C. Wothing	00	
2564	uo	U. VY atKIIIS	00	}
5004	uo	L. G. Van Buskirk T. Green. J. H. Jenks R. S. McNeith J. W. Kelly C. Watkins F. Krugh A. Shields. W. E. Womacks Z. Alsip R. L. Meyers A. E. Burwash J. Jarrett.	00	
2500	uu	M. F. Womoolea		4
25000	uo	7 Alain	00	5
3007 (	uo	D. T. Morrora	00	1 2
2560	uu	A F Burwooh	uo	200
2009	uo	T. Townett	ao	. 2
		I ISTERE	1 00 .	

<sup>\*</sup> Cancelled.

Мо.	Date.	To whom.	For what.	Amou
0551	1914.		D	
8571	May 9	J. Hammack	Dairy products furnished department of dairy husbandry	<b>\$</b> 5
8572	do	W. H. Gray. Eugene Dietzgen Co. Johnson Service Co. H. D. Oberdorfer. J. L. Edmonds. Illinois Central R. R. Co. C., C., C. & St. L. Ry. Co. The Wabash R. R. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. The Young Men's Christian Assn.	.do	\$ 5 2 1 65
8573	do	Eugene Dietzgen Co	do Laboratory supplies Building material Traveling expensesdofreightdododododododod	1
8574	do	Johnson Service Co	Building material	65
8575	do	H. D. Oberdorfer	Traveling expenses	25 26
8570 8577	Mov 11	J. L. Edmonds	Freight	20
8578	May II	C C C & St L Ry Co	do	
8579	do	The Wabash R. R.	do	ĺ
8580	do	C., C., C. & St. L. Ry. Co	do	3
8581	do	C., C., C. & St. L. Ry. Co	do./	8
8582	do	The Young Men's Christian Assn	Office supplies and student assist-	
05.00	a.	T TT++	ance	120 30 70
8583 0 2 0 4	do	Lawrence Utterpack	Wages, April, 1914	30
2525	do	Dougles Wright Ir	do	10
8586	do	C M Webber	Postaga	1
8587	do	O. E. Staples, Bursar	Express	38
8588	do	O. E. Staples, Bursar	do	58
8589	do	O. E. Staples, Bursar	Rebates	43
3590	do	O. E. Staples, Bursar	Express	38 53 43 66
2991	мау 12	Lawrence Utterback. Arminta A. Cowden Douglas Wright, Jr. C. M. Webber, O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar J. H. Fox J. W. Rhoades H. D. Stickrod R. Smith J. E. Henderson F. Thompson J. Rueb C. E. Smoot S. T. Carter Pearl Hazen E. W. Smalley B. Barber W. A. Ashworth H. Cherry A. E. Burwash T. F. Jordan B. Jordan C. Ross W. H. Gray John Bartholomew & Co. Neue Photographische Gesellschaft Karl W. Hiersemann David Nutt Gustav Fock J. Schweitzer C. M. Webber, Postmaster J. T. Monttomery K. C. Babcock Jules Rousset O. W. Hampton I. H. Besore. E. T. Lumsden	. do	8
3509	do	I W Rhoades	do	5
3593	do	H. D. Stickrod	do	
3594	do	R. Smith	do	2
8595	do	J. E. Henderson	do	]
8596	do	F. Thompson	do	2
8597	do	J. Rueb	do	2
5598	do	C. E. Smoot.	do	4
รอษษ	do	Poorl Hogon	do	5 4 4
2601	do	F. W Smelley	do	1 5
3602	do	B. Barber	do	4
3603	do	W. A. Ashworth.	.do	3
8604	do	H. Cherry	do	8
3605	do	A. E. Burwash	do	4
8606	do	T. F. Jordan	do	11
8607	do	B. Jordan	d0	10
RANG	do	W H Grav	do	10 7 3
8610	May 13	John Bartholomew & Co	Laboratory supplies	27 15
8611	do	Neue Photographische Gesellschaft	General supplies	15
8612	do	Karl W. Hiersemann	Books	* 4
3613	do	David Nutt	do	620 620
3614	do	Gustav Fock	do	620
9019	do	C M Webber Postmester	Postogo	50
2617	do	T T Montfomery	Traveling expenses	33
3618	do	K. C. Babcock	.do	33 18 38
619	do	Jules Rousset	Books	38
3620	May 14	O. W. Hampton	Dairy products furnished depart-	
2003		I II December	ment of dairy husbandry	2 3 4 3 4 4
1200	op	I. H. Besore	00	3
623	uo	R. A. Lumsden	do	9
624	do	W. F. Hampton	_do	4
625	do	G. Taylor	do	4
626	do	C. C. Gordon	do	
627	do	R. S. McInnes.	do	5 4
628	do	D. Wilkins	do	4
620	ao	A. Duffi	@0	6 4
631	do	H. M. Corray	do	4
632	do	Macy Bros.	do	9
633	do	J. W. Rayburn.	do	3
634	do	C. G. Plottner	do	4
3635	do	J. B. Marsh	do	6
8636	do	E. L. Martin	do	4
2620		T. M. Clayton		2 7 7
2630	uo	YY, D. IOUHLP T Wagnar	uv	7
3640	do	W. E. Satterfield	_do	4
3641	do	O. W. Hampton I. H. Besore. R. T. Lumsden R. A. Lumsden. W. F. Hampton G. Taylor C. C. Gordon R. S. McInnes. D. Wilkins. A. Dunn. G. Schiff H. M. Corray Macy Bros. J. W. Rayburn C. G. Plottner J. B. Marsh E. L. Martin. T. M. Clayton W. E. Yount P. J. Wagner W. E. Steterfeld R. H. Brewer F. Stadden L. Libka. T. M. Ghere C. C. Rayburn	do	3
3642	do	F. Stadden.	do	3
3643	do	L. Libka	do	2 6 3
3644	do	T. M. Ghere.	do	6
sn451	00	U. U. Kayburn		3

Vo.	Date.	To whom.	For what.	Amou
	1914.			
8646	May 14	J. D. Pulliam	Dairy products furnished department of dairy husbandrydo	9. 3
8647	do	W. Case J. A. R. Koch F. W. Howell G. W. Van Meter J. Ingleman H. C. Kaufman Smith-Love & Co. I. H. Gordon I. W. Maxwell W. C. Welch E. A. Smith E. J. Percival H. E. Slaught O. J. Troster G. Hurst	do	\$ 3 2
8648	do	J. A. R. Koch	do	, 4
8649	do	F. W. Howell	do	4 4 4 2 2
8650	do	G. W. Van Meter	do	7
8650 8001	do	J. Ingleman	do	1 4
3653	do	Smith-Love & Co	do	9
3654	do	I. H. Gordon	do	é
3655	do	I. W. Maxwell	do	}
3656	do	W. C. Welch	do	8
3657	do	E. A. Smith	do	50 28
3658	do	E. J. Percival	do	4
3659	do	H. E. Slaught	Subscription	50
500U		C. Troster	Deiry products furnished densyt	2₹
OOOT		G. Hurst	ment of dairy husbandry	۱,
3662	:.do	A Shields	do	4
3663	do	A. W. McJilton	-do	) 4
3664	do	R. L. Meyers	do	1 4
3665	do	F. Knox	do	4
3666	do	E. S. Hayes	do	3
3667	do	A. Shields. A. W. McJilton. R. L. Meyers. F. Knox. E. S. Hayes. R. Childers.	do	
3669	do	R. Childers A. Morgan Z. Alsip J. Ridgley J. D. Perham N. Hahn R. S. McNeith		4 4 6 6 4 4
2670	oo	Z. AISID	do	9
2671	ao	J. Ridgiey	do	á
8672	do	N Hahn	do	
8673	do	R S McNeith	do	
3674	do	H. Rav	do	2
3675	do	W. E. Womacks	do	4
3676	do	S. G. Richards	do	. 9
3677	do	T. A. McCracken	[do	3
3678	do	C. A. Fogel	do	
8019		J. E. MITCHOIL	do	3
2621		W. A. ASHWORTH	do	8
682	do 10	T P Lyons	do	8
3683	do	E. F. Lyons	-do	2
684	do	J. E. Henderson	do	ì
3685	do	A. Dunn	do	3
8686	do	G. Schiff	do	8
3687	do	O. W. Hampton	dl	3
8688	do	W. L. Davis	do	4
600		T. M. Guynn	do	4
2601	do	F Schweinelte	do	5
692	do	W E Hever	do	
693	do	E. B. Resler	.do	à
694	do	J. C. Schrock	do	4
695	do	G. Hobick	do	Ē
696	do	D. S. Herriott	do	
697	do	F. Lowery	do	5 4 6 3 4 4 4 4 4 3 1 4 4 2 2 4 4 2 2 4 4 4 2 4 4 4 4 4 4 4
600	do	D. Hann	00	4
プロロ	ao	T. M. Chara	do	4
701	uo	R P Hayes	do	1
702	do	F. Elliott	=-d0	1
703	do	C. R. Huckens	do	2
704	do	S. G. Richards	do	333
705	do	J. H. Rutan	do	3
706	do	C. A. Fogel	do	3
707	oo	J. F. Hubbard		2
700	do	G O McMorris	do	2
710	uo	J. D. Perham N. Hahn. R. S. McNeith H. Ray. W. E. Womacks S. G. Richards. T. A. McCracken C. A. Fogel J. E. Mitchell W. A. Ashworth J. F. Francis T. P. Lyons. E. F. Lyons. J. E. Henderson A. Dunn. G. Schiff O. W. Hampton W. L. Davis. T. M. Guynn W. D. Rohl. F. Schweineke W. E. Heyer E. B. Resler J. C. Schrock G. Hobick D. S. Herriott F. Lowery D. Hahn R. L. McAllister T. M. Ghere. R. P. Hayes F. Elliott C. R. Huckens S. G. Richards J. H. Rutan C. A. Fogel J. F. Hubbard T. M. Glayton G. O. McMorris J. W. Rayburn L. Libka J. F. Rueb J. W. Rayburn L. Libka J. R. Resn J. Rueb J. W. Rayburn J. Freeman C. W. Van Meter G. R. Evans. A. W. McJitton R. L. Wift J. W. Rayburn J. Freeman C. W. Van Meter G. R. Evans. A. W. McJitton R. L. Wirt J. W. Maxwell C. J. Von Holten	do	3
711	do.	L. Libka	do	2
712	do	Van Carter	do	6
713	do	J. Rueb	do	š
714	do	C. C. Rayburn	do	5
715	do	J. Freeman	do	6
716	do	C. W. Pfeister	do	9
717	op	G. W. Van Meter	ao	4
710	op	G. R. EVAIIS	do	3
720	do	R I. Wirt	do	3 3 3 5 4
721	do.	I. W. Maxwell	.do	5 5
				Ÿ

o.	Date.	To whom.	For what.	Amou
	1914.			
3723	May 16	E. J. Percival	Dairy products furnished department of dairy husbandry	\$
724	do	H. Giltner E. Grove L. Creiger A. E. Burwash C. Watins E. Smith L. Dueb	do	\$
725 726	do	E. Grove	do	
727	do	A. E. Burwash	do	
728	do	C. Watins	do	2
729	do	E. Smith	do	
730 731	ao	G O McMorris	ao	
732	do	W. W. Wright	do	
733	do	J. Jarrett	do	
734	do	E. V. Percival	do	
736 736	do	University of Illinois Supply Store	Books	2
737	do	Little, Brown & Co.	do	-
738	do	W. F. Murphey	General supplies	150
739	do	E. C. Amling Co.	do	40
741	do	O. E. Stanles Bursar	Rehates	50
742	do	A. C. Callen	Traveling expenses	25
743	do	J. Horace McFarland Co	Printing	2
744 745	ao	D. H. Lloyde	Unice equipment	2
746	May 18	American Machinist	Advertising	1
747	do	G. Watms E. Smith. J. Rueb G. O. McMorris. W. W. Wright. J. Jarrett. E. V. Percival W. H. Gray University of Illinois Supply Store. Little, Brown & Co. W. F. Murphey. E. C. Amling Co. J. Bowman O. E. Staples, Bursar A. C. Callen. J. Horace McFarland Co. D. H. Lloyde. A. J. Lovejoy A. Merican Machinist. T. P. Lyons. H. I. Nelson. H. C. Laufman J. Hammack. P. P. Dunn A. Dunn. C. B. Birkey. W. L. Davis A. Sheilds. O. A. Foster F. Howell F. Elliott L. Libka. J. H. Rutan. C. Sadlen. J. H. Rutan. C. Sadlen. G. E. Kelly D. Hahn. A. G. Krukewitt L. G. Van Buskirk D. Herriott. J. A. R. Koch D. B. White. J. Freeman Van Carter W. D. Rohl C. W. Pfeister G. W. Van Meter J. Ingleman J. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A. Rogel F. H. Busey. C. A.	Dairy products furnished depart-	
	a.	TT T 37-1	ment of dairy husbandry	
740	uo	H C Laufman	do	
750	do	J. Hammack	do	1
751	do	P. P. Dunn	do	
752	do	A. Dunn	do	1
754	do	W. L. Davis	do	2
755	do	A. Sheilds.	do	į
756	do	O. A. Foster	do	3
757	do	F. Howell	do	2
759	do	L. Lihka	do	3
760	do	J. H. Rutan	do	3
761	do	C. Sadler	do	- 2
762	do	F. Sradden	do	
764	do	D. Hahn	-do	
765	do	A. G. Krukewitt	do	Ę
766	do	L. G. Van Buskirk	do	5
67	do	T A R Wooh	do	2
69	do	D. B. White	do	į
70	do	J. Freeman	do	ě
71	do	Van Carter	do	7
72	oo	C. W. Pfeister	do	έ
74	do	G. W. Van Meter.	_do	4
75	do	J. Ingleman	do	4
76	do	G. R. Evans	do	. 4
78	do	C. A. Fogel	.do	9
79	do	F. H. Busey	do	3
80	do	C. A. Richman	do	. 4
81	ao	I. H. GORGON		2
83	do	E. J. Percival.	do	á
84	do	C. J. Von Holten	do	4
85	do	Cromarty Law Book Co	Books	11
80 87	op	Mining World Co	do	5
88	do	National Conference of Charities & Correc-		•
		tion	do	3
89	do	McGraw-Hill Book Co		3
91	do	Twin City Bindery & Blank Book Co	Binding	24
92	do	Chas. H. Johnston	Traveing expenses	19 21 10
93	do	O. A. Harker	do	21
94	do	Sidney B. Smith	Eroight	10 4
90 96	do-	C. C. C. & St. L. Rv Co	_do	22
97	do	The Wabash R. R.	do	13 125
001	do	W. A. Oldfather	Specimens	125

).	Date.	To whom.	For what.	Amou
_	1914.	O. E. Staples, Bursar Florence E. Watson J. Bertschmann E. L. Lyons R. Smith H. D. Stickrod F. Thompson J. E. Henderson G. Schiff G. Taylor C. E. Smoot S. G. Richards E. W. Smalley Pearl Hazen R. L. Myers E. L. Price E. Householder Macy Bros.	,	
799	May 19	O. E. Stanles Bursar	Express	\$ 18
รกก	do	Florence E. Wetson	Traveling expenses	929
201	do	T Bortschmonn	Cartificatos	23 10
201	uo	F T Twons	Deirer products furnished depart	10
302	uo	E. D. Dyous	mant of daing bushenday	
200	a.	D. Carrier	ment of dairy nusbandry	3
303	do	R. Smith	ao	
804	ao	H. D. Stickrod	ao	3
805	do	F. Thompson	do	1
806	do	J. E. Henderson	do	
807	do	G. Schiff	do	1
808	do	G. Taylor	do	
809	do	C. E. Smoot	do	:
810	do	S. G. Richards.	do	
811	do	E. W. Smallev	do	
812	do	Pearl Hazen	_do	
813	do	R. L. Myers	do	1 2
814	do	E L Price	do	
815	do	E Householder	do	
Q16	do	Moore Prog	do	
017		T D Dullion	u0	
010 010	uo	T Lowery	do	١ '
O1V OTQ		C Hobiels	do	
ony	ao	G. HODICK	ao	
ozU oc⁺	ao	E. Householder Macy Bros. J. D. Pulliam F. Lowery G. Hobiek J. J. Cender S. T. Carter C. G. Plottner A. Ekblaw		} .
921	ao	S. T. Carter	ao	
822	do	U. G. Plottner	ao	
	do	A. Ekblaw	do	
824	do	A. Ekblaw W. E. Heyer E. B. Resler A. E. Burwash	do	
825	do	E. B. Resler	do	
826	do	A. E. Burwash	do	
827	do	B. Jordan	do	1
828	do	C. Ross.	_do	1
829	do	T. F. Jordan	do	1
830	do	W. H. Grav	do	-
831	do	S Atchison	do	
832	do	I McCullough	do	
833	do	T Waice	do	. 1
634	do	D Graham	uo	1
002	1.00	Tank Military	C	1.0
830	may 20	Kari w. Hiersemann	Specimens	10 23
830	ao	Jos. Kreittmayr	Specimensdo. Office supplies Dairy products furnished department of dairy husbandrydodo.	23
837	do	D. H. Lloyde H. M. Corray	Office supplies	
838	do	H. M. Corray	Dairy products furnished depart-	1
			ment of dairy husbandry	
839	do	M. Hudson C. B. Vaughn E. Grove L. Creiger E. C. Burr A. Dunn R. S. McInnass	do	
840	do	C. B. Vaughn	do	1
841	do	E. Grove	do	
842	do	L. Creiger	do	
843	do	E. C. Burr	do	1
844	do	A. Dunn	do	1
845	do	R. S. McInness	.do	
846	do	D. C. Gordon	do	1
847	do	S. Wilkins	do	1
848	do	R. T. Lumsden	do	1
240	do	W F Hampton	do	1 .
ひまり	do	P A Lamedon	do	1
851	do		do	
		J. Willsey R. L. Wirt, W. E. Heyer J. W. Rhoades F. Knox. J. W. Kelly A. W. Ashworth A. Morgan T. M. Ghere. F. Krukewitt H. C. Kanfman	do	1
852	ao	W. T. Trown	uo	1
853	ao	W. E. Heyer		1
854	ao	J. W. Knoades	ao	
855	do	F. Knox	do	
856	do	J. W. Kelly	do	
857	do	A. W. Ashworth	do	
858	do	A. Morgan	do	1
859	do	T. M. Ghere	do	
860	do	F. Krukewitt	do	l
861	do	H. C. Kaufman	do	
862	do	C. C. Rayburn	do	
862	do	I W. Rayburn	do	
264	do	T A R Koch	do	1
265	do	D H Mallistor	do	:
929	do	T. T.ibko	do	1
000	ao	E T Montin	uv	:
901	ao	E. D. MSFUII		
908	do	Z. Alsip	ao	-
909	do	н. кау	ao	
870	do	W. E. Satterfield	do	2° .
871	do	G. Hurst.	do	1 6
	do	W. E. Womacks	do	2 4
872		lave on or	l do	. (
872 873	do	W.E. Yount	u0	
872 873 874	do	F. Krukewitt H. C. Kaulman C. C. Rayburn J. W. Rayburn J. W. Rayburn J. A. R. Koch R. H. McAlister L. Libka E. L. Martin Z. Alsip H. Ray W. E. Satterfield G. Hurst W. E. Womacks W. E. Yount F. Alsip T. M. Clayton	.do	

No.	Date.	To whom.	For what.	Amour
	1914.			
8876	May 20	R. Childers E. Elliott P. J. Wagner R. H. Brewer J. Rueb J. B. Marsh F. Krugh E. L. Martin N. Hahn F. Schweineke W. Case Smith-Love & Co. A. Snields E. R. Lape G. W. Van Meter J. M. Herriott Mary Warner F. H. Busey L. H. Gordon W. C. Welch J. E. Mitchell E. A. Smith L. W. Maywell	Dairy products furnished depart- ment of dairy husbandry	\$ 2
8877	do	E. Elliott	.do	\$ 2 3 5 3 4 5 2 4 7 3 2 2 2 2 5 3
8878	do	P. J. Wagner	do	5
8879	do	R. H. Brewer	do	3
8880	do	J. Rueb	do	1 4
8881	do	J. B. Marsn	do	5
0002	do	F. L. Mortin	do	. 4
2224	do	N Hahn	do	1. 7
8885	do	F. Schweineke	do-	3
8886	do	W. Case	do	2
8887	do	Smith-Love & Co	do	2
8888	do	A. Shields	do	5
8889	do	E. R. Lape	do	3
8890	do	G. W. Van Meter	do	7
8891	do	J. M. Herriott	do	2
8892	op	mary warner	do	2
0001		T H Cordon	do	5
2005 2005	do	W.C. Welch	_do	1 4
8896	do	J. E. Mitchell	do	3 2
8897	do	E. A. Smith.	do	2
8898	do	E. A. Smith L. W. Maxwell E. J. Percival A. R. Grindley W. E. Billhorn	do	
8899	do	E. J. Percival.	do	5
8900	do	A. R. Grindley W. E. Billhorn County Collector Champaign County Stafford Engraving Co. G. E. Stechert & Co. A. C. McClurg & Co. C. A. Kiler Chas. E. Mueller & Co. R. S. Prunty Wakem & McLaughlin Benziger Bros. H. D. Stickrod O. W. Hampton	Loan.	75
8901	May 21	W. E. Billhorn	Loan	75
8902	do	County Collector Champaign County	Printing and publishing	38 28
8903	00	C E Stochart & Co	Pooler	20
8904 8005	od	A C McClurg & Co	do	5
8008	do	C. A. Kiler	Furniture	198
9807	_do	Chas. E. Mueller & Co.	General supplies	3
8908	May 23	R. S. Prunty	Rent	100
8909	do	Wakem & McLaughlin	Freight and express	11
8910	do	Benziger Bros	Books	3
9811	do	H. D. Stickrod	Dairy products furnished depart-	
0010		O W Trampton	ment of dairy nusbandry	1
0012	do	T P Lyons	do	7 3 2 4
8014	do	I W Bahlow	do	1 4
8915	do	J. E. Esworthy	do	$\hat{\epsilon}$
8916	do	J. Grindley	do	. 2
8917	do	E. L. Rohlfing	do	2
8918	do	S. T. Carter	do	3
8919	do	C. Sadler	do	]
8920	do	C. Watkins	do	2
8921	do	L. G. Van Buskirk	00	1 2
9822	do	C A Forel	do	1 2
0923 2094	do	H. F. Ridgley	do	}
2025	do	I. D. Perham	do	9
8926	do	E. S. Hayes	do	3
8927	do	T. M. Guynn	do	1 4
8928	do	A. E. Burwash	do	8
8929	do	H. Giltner	do	{
8930	do	W. H. Gray	do	
8931	do	J. Jarrett		3
8932	ao	W. Von Buskirk	do	}
9933	do	T Freeman	do	1 2
8035	May 25	A. R. Grindley	do	}
8936	d. do	H. I. Nelson	do	}
8937	do	J. E. Henderson	do	}
8938	do	C. Taylor	do	2
8939	do	E. V. Percival	do	2
8940	do	O. W. Hampton T. P. Lyons. J. W. Bahlow J. E. Esworthy J. Grindley E. L. Rohlfing S. T. Carter C. Sadler C. Sadler C. Watkins L. G. Van Buskirk T. M. Ghere C. A. Fogel H. F. Ridgley J. D. Perham E. S. Hayes T. M. Guynn A. E. Burwash H. Giltner W. H. Gray J. Jarrett E. Householder W. Van Buskirk J. Freeman A. R. Grindley H. I. Nelson J. E. Henderson C. Taylor C. Taylor C. Taylor C. Taylor C. V. Percival A. Dunn I. H. Besore G. Schiff P. P. Dunn	do	2
8941	do	I. H. Besore		2
8942	do	G. Schiff	do	4
8943	do	P. T. Myare	do	4
8944	oo	G. Seniff P. P. Dunn R. L. Myers T. M. McCracken O. A. Foster S. G. Richards J. Engleman J. C. Shrock E. L. Martin G. W. Van Meter T. M. Clayton	do	8
8046	do	O. A. Foster	do	5
804	do	S. G. Richards	do	1 2
8948	3 do	J. Engleman	do	1 8
8949	o do	J. C. Šhrock	do	) į
8950	0do	E. L. Martin	do	622312233333333333333333333333333333333
895	1 do	G. W. Van Meter	do	3
	oh do	IT. M. Clayton	ao	1 2

0.	Date.	To whom.	For what.	Amou
2050	1914.	F. Stadden.  E. M. Frankenburg L. Libka. W. J. Wilson J. B. Marsh J. Rueb D. B. White J. Hilderhaut Van Carter E. L. Price W. D. Rohl J. H. Fox W. A. Ashworth F. W. Howell J. A. R. Koch W. E. W omacks J. H. Rutan D. Hahn W. E. Yount C. G. Plottner C. Pleister F. H. Busey W. L. Wirt D. S. Herriott W. E. Heyer W. L. Davids Geo. Evans A. Shields L. H. Gordon J. Hammack E. J. Perival W. E. Satterfield	Dalum mus desets from the dal domain	
5953	May 25	F. Stadden	Dairy products turnished depart-	\$ 3
054	do	E. M. Frankanhurg	do	\$ 33 11 44 24 44
2055	do	I. T.ihka	do	9
3956	do	W. J. Wilson	_do	i
3957	do	J. B. Marsh	do	4
3958	do	J. Rueb	do	2
3959	do	D. B. White	do	4
3960	do	J. Hilderhaut	do	4
3961	do	Van Carter	do	9
3962	do	E. L. Price		
5064 5064		W. D. Roll	do	
2065	do	W A Achworth	do	
3966 3966	do	F W Howell	do	
3967	do	J. A. R. Koch	.do	•   }
3968	do	W. E. Womacks.	do	6
3969	do	J. H. Rutan	do	
8970	do	D. Hahn	do	4
8971	do	W. E. Yount	do	
5972	do	C. G. Plottner	do	
59/5 5074	ao	U. Pieister	ao	
3075 2075	oo	W I. Wirt	do	1 :
3976 3976	do	D S Herriott	do	
3977	do	W. E. Hever	do	3
3978	do	W. L. Davids	do	:
3979	do	Geo. Evans	do	
3980	do	A. Shields	do	
8981	do	I. H. Gordon	do	
8982	do	J. Hammack	do	
8983	do	E. J. Percival	do	
8984	do	W. E. Satterfield	do	00
5980 ono <i>a</i>	do	Bassimana Cantral II-ian Malanhana Ca	Drait, specimens	69
596U 5007	do	Tilinois State Deformatory	Printing	1
5058 2901	do	Cormon H Stoits	Wages May 1014	6
2020	do	Hazal W Ricketts	do	1 4
899C	do	I. D Hall	do	1 4
8991	do	Florence Keller	do	6
8992	May 26	Gustav Fock	Books	68
8993	do	Martinus Nijhoff	do	69 1 6 4 4 6 68 1 3
8994	do	Oswald Weigel	. do	. 3
8995	do	Paul Gottschalk	. do	
8996	i od	John Davis	. do	3
899 <i>1</i>	do	Honore Unampion		١ ,
8998 ennc	do	Leo S. Ulschki		1 5
อยอะ อกกก	do	The Times Rook Club	do	·   a
9000	do	Otto Lange	do	
9002	do	Pickering & Chatto	do	
9003	3do	Bowes & Bowes.	do	
9004	1do	Ch. Chadenat	do	9
900	do	Karl W. Hiersemann	. do	23
9006	do	Leo Liepmannssohn	. do	23 20 1
9007	( do	Duitz & Co	- ao	.  _1
ყიიი	do	Utto Harrassowitz		. 20
9UU\ 0014	Jao	Morang & Co		. 4
0011	i de	Arthur Reader	- do	•
9019	2 de	Bertram Dobell	do	1
9013	3 do	Adolf Herbe	do	
9014	1do	Kral's Bakteriologisches Museum	Laboratory supplies	
9018	do	O. E. Staples, Bursar	Sundry bills	.] 1
9016	3do	C. M. McConn	Traveling expenses	. 1
9017	[ do	Harris & Mead	. Ice cream	i
9018	≾ do	Walker & Mulliken	Furniture	·
AUT?	do	Koniglichen Bibliothek	Uatalog cards	ا ا
902(	ηαο	K. J. Trubner	Decimens	
ชบ2. ดดจ	ilgo	Fugana Dayannort	Solory Mory 1014	30
902	a do	B E Powell	do 1914	10
902	4 de	I. H. Checkley	do	. 19
902	5 do	Augusta D. Evans	do	. 1
902	6 . do	R. E. Hieronymus.	do	19
902	7 do	A. Shields. L. H. Gordon J. Hammack E. J. Percival W. E. Satterfield. First National Bank, Urbana, Ill. Receivers, Central Union Telephone Co. Illimois State Reformatory. Carmen H. Steitz. Hazel W. Ricketts. L. D. Hall. Florence Keller Gustav Fock. Martinus Nijhoff. Oswald Weigel. Paul Gottschalk John Davis. Honore Champion Leo S. Olschki. Ludwig Moller The Times Book Club. Otto Lange. Pickering & Chatto. Bowes & Bowes. Ch. Chadenat. Karl W. Hiersemann Leo Liepmannssohn. Dultz & Co. Otto Harrassowitz. Morang & Co. John Davis. Arthur Reader Bertram Dobell Adolf Herbe' Kral's Bakteriologisches Museum. O. E. Staples, Bursar C. M. McConn. Harris & Mead. Walker & Mulliken Koniglichen Bibliothek K. J. Trubner University Lecturers Assn Eugene Davenport B. E. Powell J. H. Checkley. Augusta D. Evans. R. E. Hieronymus. A. W. Jamison. W. P. Miller A. W. Nolan. F. H. Rankin	do	12
902	8 do	W. P. Miller	. do	. 4
902	9 do	A. W. Nolan	. do	20
	01 40	IF. H. Rankin	. do	. 29

9031 9032 9033 9034 9035 9036	1914. May 26			
9031 9032 9033 9034 9035 9036	Мау 26		Salary, May, 1914	
9032 9033 9034 9035 9036		F. C. Bauer	Salary, May, 1914	\$133
9033 9034 9035 9036	ao	W. L. Burlison	do	116 133
9034 9035 9036	do	I. W. Dickerson	do	133
9036	do	E. T. E bersol	do	133 100 208 175 250
9030	do	K. J. T. ECKDISW		133
		O C Tichen		100
9097	do	A. E. Custofaon	do	208
8099	do	Lonord Hognover	do	1(0
9009	do	M F John	do	140
0041	do	T C Magior	do	001
9047	do	I II Pattit	do	291 250
0042	do	C O Dood	do	120
0040	do	L H Smith	do	291 150 175 150
9045	do	H W Stewart	do	150
9046	do	E A White	do	175
9047	do	A. L. Whiting	do	150
9048	do	D. O. Barto	do	200
9049	do	Sleeter Bull	do	200 133
9050	do	W. J. Carmichael	do	91
9051	do	W. C. Coffey	do	266
9052	do	J. A. Detleisen	do	200
9053	do	J. L. Edmonds	do	200 208
9054	do	W. F. Handschin	do	200
9055	do	H. W. Mumford	do	208 208 133
9056	do	H. P. Rusk	do	208
9057	do	F. M. Simpson	do	133
9058	do	W. H. Smith	do	125
9059	do	J. J. Yoke	do	83
9060	do	R. E. Brand	do	175
9061	do	W. T. Crandall	do	125 83 175 150
9062	do	W. J. Fraser	do	291 116 91
9063	do	R. S. Hulce	do	116
9064	do	O. A. Keller	do	91
9065	do	LeRoy Lang	do	175 200 133
9066	do	H. N. Parker	do	200
9067	do	H. A. Ruehe	do	133
9068	do	W. W. Yapp	do	9:
9069	do	F. A. Aust	do	88
9070	do	E. W. Bailey	do	173
9071	do	S. J. Bole	do	91 83 175 150
9072	do	A. S. Colby	do	60
9073	do	C. S. Crandall	do	291 250 150
9074	do	H. B. Dorner	do	250
9075	do	C. E. Durst	do	150
9076	do	L. E. Foglesong	do	116
9077	do	J. J. Gardner	do	100 70 29
9078	ao	R. W. Houman	do	70
9079		J. W. Lloyd	do	29
9080	ao	Wilhelm Miller	do	250 100 200
9081	ao	C. M. Robinson	do	10
9082	qo	R. R. ROOL	00	20
9083	00	O C Wething		12
9084	do	D C Dielzett	av	177
9000	o	W. J. Fraser   R. S. Hulee   O. A. Keller	uv	177 250 250
9086	uo	Nine P. Crigler	do.	250
0000		Coorgio Floring	do	100
0000	uo	Nellie Coldthyreite	do	100
0000 0000	1	Core F Grey	do	111
9090 9001	do	Florence Harrison	do	110 100 18' 11 100 110 110
1800	do	Mand Parsons	do	111
9092	do	Halana M Pincomb	do	129
9009	do	Tarona Saymour	do	150
000#	do	Graca E. Stavans	do	110
9008	do	Ruth Wheeler	do	150 110 141
9090	do	Donald McIntosh	do	208
9098	. do	Percy Ash	do	20
9000	do	C. R. Clark	do	186
9100	do	I. H Provina	do	166
9101	do	N. C. Ricker	do	20
9100	do	I.O. Baker	do	339
9102	do	N. B. Garver	do	14
9104	do	A. B. McDaniel	do	200
9105	do	J. E. Smith	-do	150
9106	do	W. M. Wilson	do	18
9107	do	P. S. Biegler	do	291 291 333 141 229 150 183
9108	do	Morgan Brooks	do	250
9100	do	I. M Bryant	do	250 229

No.   Date     To whom.		
110   May   26   I. W. Fisk   Salary,   111   .do   L. V. James   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do		
111	May, 1914	\$133 133
112   do		133
113   do		150
114   do		291 291
15	•••••	29
116		241
117   do	••••	80 200 187 150
118   do		200
119		18
120	••••	150
121		416 238
123		200
124   do   E. H. Williams   do   do   L25   do   W. F. Schulz   do   L26   do   A. M. Buck   do   127   do   A. F. Comstock   do   128   do   E. C. Schmidt   do   L28   do   E. C. Schmidt   do   L28   do   E. C. Schmidt   do   L28   do   C. F. Hottes   do   130   do   C. F. Hottes   do   131   do   William Trelease   do   132   do   C. W. Balke   do   133   do   C. G. Derick   do   133   do   C. G. Derick   do   133   do   C. G. Derick   do   134   do   S. W. Parr   do   138   do   G. M. Smith   do   138   do   G. M. Smith   do   138   do   E. W. Washburn   do   138   do   E. W. Washburn   do   138   do   J. W. Folsom   do   140   do   J. W. Folsom   do   140   do   J. W. Folsom   do   141   do   C. W. Rolle   do   142   do   T. E. Savage   do   143   do   R. L. Borger   do   144   do   A. R. Crathorne   do   145   do   A. R. Crathorne   do   146   do   E. B. Lytle   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   150   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. A. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G. Miller   do   G.	• • • • • • • • • • • • • • • • • • • •	208 229
125   do	• • • • • • • • • • • • • • • • • • • •	14
126   do	• • • • • • • • • • • • • • • • • • • •	14: 18:
127   do	• • • • • • • • • • • • • • • • • • • •	150
128		166
128	• • • • • • • • • • • • • • • • • • • •	333
123	• • • • • • • • • • • • • • • • • • • •	22
130		250
132   do		20
133   do	· • • • • • • • • • • • • • • • • • • •	41 25
134   do	· • • • • • • • • • • • • • • • • • • •	16
135   100   136   137   137   138   138   138   138   138   138   137   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138   138	· • • • • • • • • • • • • • • • • • • •	33
136   do   E. W. Washburn   do   do   137   do   H. C. P. Weber   do   138   do   J. W. Folsom   do   do   J. W. Folsom   do   do   J. W. Folsom   do   do   do   W. S. Bayley   do   do   W. S. Bayley   do   do   do   do   do   do   do   d	· • • • • • • • • • • • • • • • • • • •	100
137   do	• • • • • • • • • • • • • • • • • • • •	16 29
138   do	• • • • • • • • • • • • • • • • • • • •	16
139   do		20
140	• • • • • • • • • • • • • • • • • • • •	25
141   do		25
142   do	,	25
143   do		20 12 16 18 15 29
144   do		120
145   do	• • • • • • • • • • • • • • • • • • • •	16
146   do		10
147   do		15
148   do		20
148   do		15
150   do   C. H. Sisam   do   do   do   do   do   do   do   d		10
150   do		22 18
152   do		33
152   d0	• • • • • • • • • • • • • • • • • • • •	12
154   do   Chas Zeleny   do   155   do   J. E. Rush   Traveli   156 May 2 H. E. Pengilly   Salary   157   do   L. N. Bear, County Collector   Taxes   158   do   E. F. Lyon   Dairy   ment   159   do   E. Grove   do   do   do   L. Creiger   do   do   do   L. Creiger   do   do   do   do   do   E. Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   do   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thompson   for Thom	• • • • • • • • • • • • • • • • • • • •	13 29 24
155   do	• • • • • • • • • • • • • • • • • • • •	20
166 May   27 H. E. Pengilly   Salary   157   do   L. N. Bear, County Collector   Taxes   158   do   E. F. Lyon   Dairy   ment   159   do   E. Grove   do   do   do   L. Creiger   do   do   do   L. Creiger   do   do   do   do   do   do   do   d	ng ornangag	24
157   do	Tuno 1014	1 10
158   do	June, 1914	10
159	products furnished deport.	10
159   .do	of doing hughandry	1
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	or dairy husbandry	1
161   do   R. Smith   do   do   162   do   F. Thompson   do   163   do   J. M. Herriott   do   do   164   do   E. L. Martin   do   165   do   R. Childers   do   do   166   do   E. S. Hayes   do   167   do   H. D. Perham   do   168   do   J. Rueb   do   do   do   do   do   do   do   d	· • • • • • • • • • • • • • • • • • • •	
162   .do	· • • • • • • • • • • • • • • • • • • •	
100		
104   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105   105	· • • • • • • • • • • • • • • • • • • •	
165       .do       R. Childers       .do         166       .do       R. S. Hayes       .do         167       .do       H. D. Perham       .do         168       .do       J. Rueb       .do         169       .do       Pearl Hazen       .do         170       .do       S. T. Carter       .do         171       .do       J. J. Cender       .do         172       .do       C. E. Kelly       .do         173       .do       John Cender       .do         174       .do       E. R. Lape       .do         175       .do       G. Hobick       .do		1
166   do   E. S. Hayes   do   do   do   do   do   do   do   d		1
167     .do     H. D. Perham     .do       168     .do     J. Rueb     .do       169     .do     Pearl Hazen     .do       170     .do     S. T. Carter     .do       171     .do     J. J. Cender     .do       172     .do     C. E. Kelly     .do       173     .do     John Cender     .do       174     .do     E. R. Lape     .do       175     .do     G. Hobick     .do		1
168   .do   J. Rueb   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do   .do		1
169     .do     Pearl Hazen     .do       170     .do     S. T. Carter     .do       171     .do     J. J. Cender     .do       172     .do     C. E. Kelly     .do       173     .do     John Cender     .do       174     .do     E. R. Lape     .do       175     .do     G. Hobick     .do		
170     .do     S. T. Carter     .do       171     .do     J. J. Cender     .do       172     .do     C. E. Kelly     .do       173     .do     John Cender     .do       174     .do     E. R. Lape     .do       175     .do     .do     .do		
171   do		
172     do     C. E. Kelly     do       173     do     John Cender     do       174     do     E. R. Lape     do       175     do     G. Hobick     do		
173 do John Cender do 174 do E. R. Lape do do 175 do G. Hobiek do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do .		1
174 . do E. R. Lape		1
175 do G. Hobick		
176 do J. E. Mitchell do		1
177 do B. Jordan do		1 1
178 do T. F. Jordan		1 1
179 do C. A. Richman		1 *
1180 do C Ross do	• • • • • • • • • • • • • • • • • • • •	1
191 do T Lowery	• • • • • • • • • • • • • • • • • • • •	
1189 do la E Burwagh	• • • • • • • • • • • • • • • • • • • •	1 1
193 do I W Maywall	• • • • • • • • • • • • • • • • • • • •	1
1184 do C B Vanghn	• • • • • • • • • • • • • • • • • • • •	1
195 do W H Grov	• • • • • • • • • • • • • • • • • • • •	70
1186 do Clavaland Grain Co		70
1127 do Pentagraph Printing & Stationary Co Dindin	σ	31

٧o.	Date.	To whom.	For what.	Amou
	1914.	Illinois State Reformatory. O. E. Staples, Bursar A. Dunn. M. Hudson D. Wilkins C. C. Gordon R. S. McInnes O. W. Hampton J. W. Rhoades G. C. Cochran F. Elliott S. G. Richards P. J. Wagner H. Ray J. D. Pulliam W. Case W. E. Yount H. C. Kaufman D. Herriott F. Knox W. D. Rohl N. Hahn A. G. Krukewitt E. W. Smalley Macy Bros L. Libka C. Sadler R. H. Brewer A. Morgan T. M. Ghere J. H. Umbanhowar W. J. Wilson W. J. Wilson W. J. Wilson W. A. Ashworth T. M. Clayton F. H. Busey C. A. Fogel J. W. Rayburn C. C. Rayburn C. C. Rayburn C. C. Rayburn G. W. Van Meter J. Ingleman A. Shields Gus Patterson R. L. Wirt I. H. Gordon E. A. Smith E. J. Percival C. J. Von Holten W. C. Welch E. C. Burr H. Gilstner H. Gilstner H. Gilstner H. Gilstner H. Gilstner C. J. Von Holten W. C. Welch E. C. Burr H. Gilstner H. Gilstner H. Gilstner H. Gondon E. A. Smith C. C. Staples, Bursar Postal Tel. & Cable Co The Wontery W. E. Meier Rossville Creamery Co Freed, Grimm A. J. Bregger		
9188	May 27	Illinois State Reformatory	Printing	\$144 35
9189	do	O. E. Staples, Bursar	Express	35
9190	May 28	A. Dunn	Dairy products furnished depart-	_
0101		36 YT1	ment of dairy husbandry	5
0100 0100		M. Hudson	do	2
0103	do	C. C. Gordon	do	1 2
9194	do	R. S. McInnes	do	4
9195	do	O. W. Hampton	do	2
9196	do	J. W. Rhoades	do	. 4
9197	do	G. C. Cochran	do	2
9198	do	F. Elliott	do	3
9199	do	S. G. Richards	do	2
200	do	P. J. Wagner	do	5
32U1	do	H. Kay	do	, i
1202	do	W. Coso	40	0
1200 1201	do	W E Vount	do	1
205	do	H. C. Kaufman	do	5
208	. do	D. Herriott	do	ă
207	do	F. Knox	do	223424332513245337754
208	do	W. D. Rohl	do	7
209	do	N. Hahn	do	7
210	do	A. G. Krukewitt	do	5
211	do	E. W. Smalley	- do	8 2 1
212	00	Macy BIOS	ao	8
1219	do	C Godlor	do	1
1215	do	R H Brower	do	3
216	do	A. Morgan	do	3 4
217	do	T. M. Ghere	do	5
218	do	J. H. Umbanhowar	do	3
219	do	W. J. Wilson	do	5 3 2 3 2 1
220	do	W. A. Ashworth	do	3
221	do	T. M. Clayton	do	2
222	do	F. H. Busey	do	1
223		U. A. Fogel	do	4
1224	do	C C Powhum	0.00	4
220	do	G W Von Motor	do	5
227	do	J. Ingleman	do	3
228	do	A. Shields	_do	4
229	do	Gus Patterson	do	4
230	do	R. L. Wirt	do	2 3 2 1 4 4 6 5 3 4 4 4
231	do	I. H. Gordon	do	5
232	do	E. A. Smith	do	2-
233	do	E J. Percival	do	4 3 5 3
234	00	W. C. Welch	do	3
236	do	E C Burr	do	อ
237	do	H Giltner	do	ĭ
238	do	Ennis Hay Co.	Feeding stuffs	1 75
239	do	C. S. Hill	Tuning piano	2
240	do	The Ronald Press Co	Advertising.	291
241	do	Wurttembergische Metallwarenfabrik	Specimens	291
242	do	O. E. Staples, Bursar	Express	55 70
243	do	O. E. Staples, Bursar	Sundry bills	70
244	ao	Postai Tel. & Cable Co	relephone and telegraph	22 28 . 36
240	uo	Receivers Control Union Telegraph Co	uo	22
247	do	Western Union Telegraph Co	do	28
248	May 29	J. R. Newberry.	Dairy products furnished depart-	. 50
. 1			ment of dairy husbandry	7
249	do	W. E. Meier	do	4
250	do	Rossville Creamery Co	do	4 4 4
251	do	Fred. Grimm	ao	4
252	do	A. J. Dragger	00	5 7
254	do	F. W. Darsell	do	7
255	do	Olnov Croamary Acen	uo    do	6 14
256	do	Collier Bros	do	14
257	do	W. E. Newberry W. E. Meier Kossville Creamery Co. Fred. Grimm A. J. Bragger F. W. Larsen H. E. Siegman Olney Creamery Assn Collier Bros. Richmond Bros M. E. Simonsen H. A. Henry Sanitary Creamery Co W. P. Gilbert A. J. Spohn C. J. Jacobsen Green Rver Creamery Co.	do	4
258	do	M. E. Simonsen	do	7 7 7
259	do	H. A. Henry	do	$\dot{2}$
260	do	Sanitary Creamery Co	do	2 4
261	do	W. P. Gilbert	do	. 5 8
262	do	A. J. Spohn	do	. 8
263	do	C. J. Jacobsen	do	4 15
264	do	Green Rver Creamery Co	do	15

No.	Date.	To whom.	For what.	Amour
	1914.			
9265	May 29	H. G. Paul	Dairy products furnished department of dairy husbandry	\$ 16
9266	do	Historical Commission of South Carolina.		\$ 16 23 123
9267	do	Bremer W. Pong. Pantagraph Printing & Stationery Co H. D. Stickrod. G. Schiff.	Traveling expenses	123 348
9269	do	H. D. Stickrod	Dairy products furnished depart-	1
0070		G. Galvier	ment of dairy husbandry	. 5 2 2 1 2 3 2 2
9270 9271	do	A. R. Grindley	do	5 2
9272	do	H. I. Nelson	.do	2
9273	do	E. V. Percival.	do	1
9274	do	H. M. Corray	do	3
9276	do	G. Hurst.	do	2
9277	do	W. E. Womacks	do	$\begin{vmatrix} 2 \\ 3 \end{vmatrix}$
9279	do	G. O. McMorris	do	2
9280	do	Urbana Dairy	do	2
9281	do	I Freeman	do	3 5
9283	do	E. Householder	do	4
9284	do	G. Schiff. A. R. Grindley H. I. Nelson. E. V. Percival J. E. Henderson H. M. Corray G. Hurst. W. E. Womacks E. P. Ott G. O. McMorris Urbana Dairy Smith-Love Co J. Freeman E. Householder R. L. Rohlfing F. P. Dalbey L. G. Van Buskirk W. E. Heyer B. Jordan C. Ross. T. F. Jordan A. E. Burwash W. H. Gray J. D. Perham J. J. Brennen The H. W. Wilson Co The Boston Book Co Tice & Lynch G. V. Sheldon	do	21 1 22 23 22 23 35 4 4 32 22 33 35 35 35 35
9286	do	L. G. Van Buskirk	do	3
9287	do	W. E. Heyer	do	3
9288	do	B. Jordan	do	2
9290	do	T. F. Jordan	do	6
9291	do	A. E. Burwash	do	3
9292	do	W. H. Gray	do	2
9294	do	J. J. Brennen	Feeding stuffs	35
9295	do	The H. W. Wilson Co	Magazines	19
9290	do	Tice & Lynch	Freight and express	12 12 18
9298	do	Tice & Lynch. G. W. Sheldon P. J. Peterson.	do	18
9299	May 30	P. J. Peterson	dodododododododo	. 5
9300	do	Pauline Groves.	Wages, May, 1914	5 20 42 8 20
9301	do	Russell D. V. Castle	do	42
9302		Postmaster Urbana III	Postage	20
9304	do	R. H. Brooks	Wages, May 1914	11 20 24
9305	do	C. C. Foulke	do	20
9307	do	Ruth Halliday	do	33
9308	do	Martha Larson	do	25 20
9309	do	Isabella Anderson	do	20 13
9311	do	Olive Paine	do	24
9312	do	A. P. Kelley	do	44
9313	do	J. K. Tutnill	do	10 30
9315	do	N. C. Seidenberg	do	25
9316	do	H. H. Harwood	do	30
9318	do	P. J. Peterson  Pauline Groves. Russell D. V. Castle Bess Lindley. Postmaster, Urbana, Ill. R. H. Brooks C. C. Foulke. O. W. Allen Ruth Halliday. Martha Larson Isabella Anderson. Elizabeth Dunn Olive Paine. A. P. Kelley. J. K. Tuthill. C. R. Nickolls. N. C. Seidenberg. H. H. Harwood. C. W. Cleworth Erle Cavette. Kenneth Brown. Nob Inagaki. S. Winquist. O. B. Kircher W. L. Frank. F. W. Graves L. H. Simpson R. M. Stevens L. H. Yeazel. C. P. Barkman Denton Magruder Esther Hurst. Gladys Leonard A. Bagusin. W. A. MaoNally.	do	30 14 33
9319	do	Kenneth Brown	do	25 30 12
9320	do	Nob Inagaki	do	30
9322	do	O. B. Kircher	do	24 26
9323	do	W. L. Frank	do	26
9324	do	F. W. Graves	do	26 1
9326	do	R. M. Stevens	do	14 18
9327	do	L. H. Yeazel.	do	18
320	do	Denton Magruder	do	17 . 17
9330	do	Esther Hurst	do	25 10 18
9331 9332	do	Gladys Leonard	do	10
9333	do	W. A. MacNally.	do	11
9334	do	The Wabash R. R.	do	198
9335 9336	do	The Hillingsi Central R. R. Co	do	13 138
9337	do	Giadys Leonard A. Bagusin. W. A. MacNally. The Wabash R. R. The Illinosi Central R. R. Co. C., C., C. & St. L. Ry. Co. Illinois Traction System The Wabash R. R. Chaster C. Vernier	do	31
	do	The Wabash R. R. Chester G. Vernier A. R. Warnock	do Traveling expenses	31 1 14
0000				

). 	Date.	To whom.	For what.	Amo
	1914.			
341	June 2	W. L. Abbott Dr. Alexander Green. O. E. Staples, Bursar. H. C. Kaufman.	Traveling expenses	8
342	do	Dr. Alexander Green	Clerical work	l
343	do	O. E. Staples, Bursar	Express	
344	do	O. E. Staples, Bursar	Sundry bills	
345	do	H. C. Kaufman	Dairy products furnished depart-	
	_		ment of diary husbandry	ļ
346	do	J. C. Woodin D. Wilkins	do	ŀ
347	do	$[\underline{\mathrm{D}}.\ \underline{\mathrm{W}}$ ilkins	do	
148	do	E. Grove	do	
149	do	L. Creiger	do	
150	do	A. Dunn	do	
251	do	T. P. Loons	do	
52	do	P. P. Dunn	do	
553	ao	R. Granm	do	
554	do	J. Weiss	do	
555	ao	J. McCullough	do	
550	qo	E. M. Frankenburg	do	ļ
050	op	J.H. KUIAN		
000	do	C. C. Dietteen		
99	qo	U. G. Plouner	;.uo	l
61	uo	L. D. Pulliam	do	
RO OT	uo	D. M. Chara	do	
62		J. C. Woodin D. Wilkins. E. Grove. L. Creiger A. Dunn. T. P. Loons. P. P. Dunn B. Grahm J. Welss. J. McCullough E. M. Frankenburg J. H. Rutan F. Krukewitt C. G. Plottner E. L. Price J. D. Pulliam T. M. Ghere J. A. R. Koch Van Carter J. Rueb W. E. Satterfield R. H. McAlister Z. Alsip F. W. Howell R. P. Hayes T. M. Clayton Pearl Hazen E. Smith D. Hahn	do	l
164	uu	Von Cortor	do.	
65	uo	T Dijah	do	1
88	uo	W F Satterfield	do	
67	do	D II Mad liston	do	1
88	do	7 Alein	do	
60	do	F W Howell	do	
70	do	D D Hove	do	
71	do	T M Clayton	do	
72	do	Poorl Hozon	do	
73	do	E. Smith.	.do	
74	do	D Hahn	do	
75	do	D B White	do	
376	do	F Stadden	do	
77	do	T B Marsh	do	
78	do	S T Carter	do	1
379	do	F Elliott	do	
80	do	G W Van Meter	do	
81	do	D S Herriott	do	
82	do	W. A. Ashworth	do	
383	do	F. H. Busev	do	
884	do	C. Pfeister	do	
885	do	O. A. Foster	do	1
386	do	E. B. Resler	do	i
887	do	J. C. Shrock	do	
888	do	E. J. Percival	do	
889	do	I. W. Maxwell	do	
390	do	J. Hammack	do	1
91	do	O. W. Hampton	do	
92	do	W. C. Welch	do	1
93	do	T. N. Burwash	do	1
94	do	S. Atchison	do	1
95	June 3	A. H. Aagaard	Military scholarship, 1913-14	1
96	do	W. C. Armstrong	do	ŀ
97	do	E. K. Augustus	do	1
98	do	A. M. Baker	do	
99	do	H. E. Barden	ao	1
00	do	A. M. Barreau	do	
ŬΙ	do	E. J. Bartz	ao	
02	do	A. W. Baumgartern	do	
U3	do	F. H. Bergland	do	
04	ao	U. H. Berwald	ao	
105	ao	E. H. Berry	ao	
UU	qo	W. J. Blum		
100	qo	T. M. Clayton Pearl Hazen. E. Smith. D. Hahn. D. B. White. F. Stadden. J. B. Marsh. S. T. Carter F. Elliott. G. W. Van Meter. D. S. Herriott W. A. Ashworth F. H. Busey. C. Pfeister. O. A. Foster E. B. Resler J. C. Shrock. E. J. Percival. I. W. Maxwell J. Hammack. O. W. Hampton W. C. Welch. T. N. Burwash. S. Atchison A. H. Aagaard W. C. Armstrong. E. K. Augustus A. M. Bakre. H. E. Barden. A. M. Barreau E. J. Bartz A. W. Baumgartern F. H. Beryl W. J. Blum L. C. Bow W. E. Bow W. J. Bublitz G. H. Butler I. R. Cline. H. E. Codlin H. O. Danz S. S. Davis B. H. Decker E. R. Dillayou E. R. Dollyu E. R. Dollyu E. R. Dollyu S. S. Davis B. H. Decker E. R. Dillayou E. A. Dolsy E. C. Elles.		
100	go	W. E. BOW		
110	go	W. J. Bublitz		1
TTU	do	G. H. Butler		
111	go	I. K. Ulline		
112	ao	H. E. Codin	00	 
110	go	H. U. Danz		
114	go	S. S. Davis		
110	ao	B. H. Decker		1
210 417	ao	E. E. Dillavou		
11(	qo	E. A. Doisy E. C. Elles		1
	40	I Bi. Ci. Billes	.l <b>00</b>	1

0.	Date.	To whom.	For what.	Amo
	1914.			
419	June 3	L. H. Dunham	Military scholarship, 1913-14	. \$
420	do	L. W. Faulkner	do	1 .
421	do	L. W. Faulkner C. P. Fletcher	do	
4.7.7	do	E D Fostor	1 do	( :
423	do	F. H. Giehler	do	1 :
424	do	I M (Proons	l do	
425	do	G. D. Griswold. A. H. Grunewald. E. L. Hasker. R. L. Herman.	do	:
426	do	A. H. Grunewald	do	:
427	do	$[\underline{\mathbf{E}}, \underline{\mathbf{L}}, \underline{\mathbf{Hasker}}]$	do	1
428	do	$[\underline{R}, \underline{L}, \underline{H}erman$	do	1
429	ao	R. B. Hinman	100	
430	do	M. E. Hoit	do	1
431	do	C. F. Hood J. C. Hostetler	do	
432	do	J. C. Hostetler	do	
433	do	H. E. Howes A. H. Huisken	do	
434	ao	A. H. Huisken	do	
435	do	E. A. James	do	•
430	do	L. D. Knapp	do	
400	do	L. D. Knapp. C. W. Lincoln.	00	ļ
400				
400	do	Tobn H Millon	do	
440	do	ULL C Mueller	do	1
441	do	Geo. Meyer, Jr. John H. Miller H. S. Mueller C. A. Nebel	do	
440	do	D Nivor	do	
440	do	R. Niver. W. K. Norris.	do	
445	do	H P Ougley	do	
446	do	J. C. Palmer B. W. Parker	do	
447	do	R W Parker	do	
448	do	E H Pool	do	
449	do	E. C. Prouty	do	
450	do	E. H. Pool. E. C. Prouty E. R. P. Rall P. C. Rich D. M. Riff.	do	
451	do	P C Rich	do	
452	do	D M Riff	do	1
453	do			
454	do	D. C. Scheele	1do	ì
455				
456	do	W. D. Shipman	do	
457	do	M. E. Slater	do	
458	do	G. D. Stopp	do	1
459	do	C. H. Thompson	do	
460	do	L. E. Thorne.	do	
461	do	H. P. Vandercook	do	
462	do	C. R. Velzy	do	1
463	do	H. K. Sheldon W. D. Shipman M. E. Slater G. D. Stopp C. H. Thompson L. E. Thorne H. P. Vandercook C. R. Velzy H. C. Webster	do	1
464				
465	do	H. G. Wood	do	1
466	do	R. R. Zipprodt R. E. Rathsack John Brown W. R. Morrison	do	
467	do	R. E. Rathsack	Wages, May, 1914	
468	do	John Brown	do	l
469	do	W. R. Morrison	]do	
4/0	ao	Earle Rugg. H. W. Thurston.	do	
471	do	H. W. Thurston	do	
4/2	do	Elsie Martin	ao	-
473		W. E. Cummins		
474	do	T. G. Lewis		
475	do	Elliott Billman	00	
476	do	D. R. Grigg	00	٠.
477 478	do	M. G. Silver	uv	
478 479	do	C. M. Crain. W. L. Mitchell.	do	•
		E. P. Little	do	
48U 481	do			
481	do	Thos. Lyons	do	
482 483	do	W. W. Trimble	do	
100	do	G F Smalley	do	
101	do	G. F. Smalley Roland Brooks	do	
486	do	C. A. Hughes.	do	
197	do	I M McConnel	do	
488	do	O. M. McGhee	do	
480	do	J. P. Miles	do	
490	do	E. F. Murphy	do	
491	do	E. C. Secor	do	ĺ
492	do	E. Lawrence	do	İ
493	do	C. A. Hughes. I. M. McGonnel O. M. McGhee. J. P. Miles. E. F. Murphy. E. C. Secor. E. Lawrence S. K. Roy. E. W. Hitchcock Frank Legitt. Ivan Traxler M. H. Campbell	do	
494	- do	E. W. Hitchcock	do	
495	do	Frank Leggitt	do	j
496	do	Ivan Traxler.	do	1
	1	NE TT (01-11	do	

0.	Date.	To whom.	For what.	Amou
	1914.			
198	June 3	M. J. Falletti. G. F. Sutherland. Ed Lerch G. H. Lindsey J. K. Tuthill R. E. Gray. C. F. Hill L. S. Linder P. K. Turner C. L. Stewart Chas. M. Webber, Postmaster G. Schirmer Dixie Book Shop International Magazine Co. Law Reporting Co.	Wages, May, 1914	\$ 23 18 17 18 17
199	do	G. F. Sutherland	do	18
000	do	Ed Lerch	do	17
OT.	do	T V Tuthill	do	18
กรี	do	R E Grav	do	10
504	do	C. F. Hill	do	100 100 23 100 100 50 3 1 5 1 3
05	do	L. S. Linder	do	10
506	do	P. K. Turner	do	23
507	do	C. L. Stewart	Traveling fellowship	100
508	do	C. L. Stewart	do	100
509	do	Chas. M. Webber, Postmaster	Postage	50
110	do	G. Schirmer	Books	3
11(	do	Dixie Book Snop	do	1
112	do	Low Powerting ( o	do	1 1
114	do	National Tax Assn	do	3
15	do	G. E. Stechert & Co	do	9
16	do	A. C. McClurg & Co	do	71
17	do	Americus Book Co	do	3
18	do	Basil Brown	Wages, May, 1914	73
519	do	Law Reporting Co. National Tax Assn. G. E. Stechert & Co. A. C. McClurg & Co. Americus Book Co. Basil Brown. D. M. Bullock	dō	71 3 73 66
20	do	Ross Hutton. Fred Langhoff. O. E. Meenach. H. H. Mahorney.	do	68 70 60 73
21	do	Fred Langhoff	do	70
22	do	O. E. Meenach	do	60
23	do	H. H. Mahorney	do	73
24	do	A. Servis	do	79
25	do	Geo. Toy		64 69
20	o	Fd Whormby	do	
22	40	A. Servis. Geo. Toy. Geo. Turner Ed. Wharmby Margaret Jones. Frances McClughen Rebecca Morgan	do	44 44 37 32
29	do	Frances McClughen	do	44
30	do	Rebecca Morgan	do	37
31	do	Mary Ryan	do	32
32	do	W. M. Atwell	do	59
33	do	C. E. Arrington	do	59 66
534	do	Harry Brown	do	61
535	do	J. E. Bailey	do	63 64 61
36	do	J. E. Browning	do	64
537	do	Rolla S. Carson	do	61
338	do	J. W. Cneever		54
338	do	C V Froman	do	63
34U 341	do	T T Figure	do	54 67 63 63 66 63
549	do	W H Graybool	do	66
43	do	V S Glenn	do	63
44	do	David Glenn	đo	. 54
545	do	F. F. Hoover	do	62
46	do	L. T. Heinz.	do	55
547	do	C. C. Johnson	do	55 67 63
548	do	A. C. Litton	do	63
49	do	C. P. Moore	do	61
50	do	J. E. Morgan	do	10 57 59
15	do	U. M. Muler	do	57
52	op	Log McCyllough	ao	64
554	uo	IT G May	do	09
55	do	Forrest Mock	do	50 61
556	do	B. F. McDaniel	do	51
557	do	Nick Peterson	do	58
558	do	J. F. Purkins	do	59
559	do	H. L. Thompson	do	54
60	do	L. M. Stearns	do	65
61	do	O. J. Utterback	do	57
62	do	P. T. Walters	do	51 53 59 54 65 57
63	do	Dan Meeneley	do	63
054	ao	Jonn Ascherman	do	52
600	00	M E Dobowta	do	10
000	uo	Pov Totlook	do	19
560	uo	C M Ollie	do	57
560	do	A T. Johnson	do	64
57N	do	Margaret Jones. Frances McClughen Rebecca Morgan Mary Ryan Wy M. Atwell C. E. Arrington Harry Brown J. E. Bailey J. E. Bailey J. E. Browning Rolla S. Carson J. W. Cheever B. F. English C. Y. Freeman J. J. Fiscus W. H. Graybeal V. S. Glenn David Glenn F. F. Hoover L. T. Heinz C. C. Johnson A. C. Litton C. P. Moore J. E. Morgan C. M. Miller D. T. Moody Jas. McCullough U. G. May Forrest Mock B. F. Purkins H. L. Thompson L. M. Stearns O. J. Uterback P. T. Walters Dan Meeneley John Ascherman Tim K. Roney M. F. Meovet C. M. Miller D. T. Walters Dan Meeneley John Ascherman Tim K. Roney M. F. McDoris Roy Tatlock C. M. Ollis A. L. Johnson E. W. Justus J. R. Newton Ed. Richards John Collish L. Thompson L. M. Stearna Tim K. Roney M. F. Roney M. F. Roney M. F. Roney M. F. Roney J. R. Newton Ed. Richards John Calister J. F. Long J. N. McAlister	-do	52 56 19 57 53 64 108
571	- do	J. R. Newton	do	108 78 104 81 70 78 76
579	do	Ed. Richards	do	104
573	do	John Ceduskev	do	81
574	do	Louie Fender	do	70
575	do	J. F. Long.	do	78
		14 - 40 450	1 4-	1 70

	Date.	To whom.	For what.	Amou
	1914.	A. C. Wascher Wm. Wilde Geo. Boyer. Thos. Buttler Herman Fechtruph Chas. Wilson T. E. Wells Jas. Merriweather Gilbert Robbins Thos. J. Fay E. C. Lewis Frank Stateler Thos. Long Jos. Davis J. A. J. Kliem Wm. Quinn Howard F. Fabert Felix Fox Frank Cunningham Sell Hamlin Ruthe Murphey F. M. Perry T. O. Henderson A. Bevis Cevilla Carothers F. Crathorne A. Langhoff V. R. Barnes M. C. Booher A. J. Booker J. C. Fiscus Chas. Hill J. D. Craig S. A. Porter Martin Sandwell A. C. Speedie Wesley Wilson		
9577	June 3	A. C. Wascher	Wages, May, 1914	\$ 7 9
578	do	Wm. Wilde	do	9
579	do	Geo. Boyer	do	7.
580	do	Tnos. Buttler	ao	6
1991		Chan Wilson	do	7
583	uo	T F Walle	do	6
1584	do	Jas Merriweather	do	5
585	do	Gilbert Robbins	.do	5 3 9
586	do	Thos. J. Fav	do	ق ا
587	do	E. C. Lewis	do	7
588	do	Frank Stateler	do	7
589	do	Thos. Long	do	7 7 8 7
590	do	Jos. Davis	do	7
591	do	J. A. J. Kliem	do	7
592	do	Wm. Quinn	do	6
593	do	Howard F. Fabert	do	6
594	do	Felix Fox	do	6
595	do	Frank Cunningham	do	11
596	do	Sell Hamlin	do	6 6 11 5
597	ao	Kutne Murphey	qo	6 6 11
598	do	F. M. Perry	do	6
599	do	T. O. Henderson	do	113
201	ao	A. Bevis	00	14
NUT	ao	E Cretherne	do	8
302	uo	A Langhoff	do	8
604	do	V D Domos	do	89
805	do	M C Rocher	do	0
ดกล	do	A T Rooker	do	9
607	do	I C Figure	do	8: 8: 9:
ROS	do	Chas Hill	do	i a
ROS	do	I D Craio	do	9
310	do	S. A. Porter	do	ğ
811	do	Martin Sandwell	do	9 8
612	do	A. C. Speedie	.do	ğ
813	do	Wesley Wilson	do	9 8 8
614	do	Amos Wright	do	8
615	do	J. H. Vandiventer	do	. 8
616	do	C. A. Dunseth	do	9
617	do	J. B. Doll	do	9
618	do	Wm. Templin	do	8 5
619	do	A. L. Collins	do	5′
320	do	I. F. Tillotson	do	6 5
21	do	F. T. Franklin	do	5
522	do	Roy Crawford	do	5 5 8 6
523	do	J. B. Hickey	do	5
024	qo	Harry Higgins	do	8
025	ao	Howard Downing	do	0
020	do	S. A. FOTGET Martin Sandwell A. C. Speedie Wesley Wilson Amos Wright J. H. Vandiventer. C. A. Dunseth J. B. Doll Wm. Templin A. L. Collins I. F. Tillotson F. T. Franklin Roy Crawford J. B. Hickey Harry Higgins Howard Downing W. A. Boyce J. H. Miller Frank Clancy Harry Clifford John Brannigan Jesse Meyers A. Warmbier W. J. Smith Guy Fox Ches Gundlock	do	9
300	uo	Fronk Clangy	do	9. 10
200	uo	Harry Clifford	do	70
320	uo	Iohn Brannigan	do	8
331	do	Jose Meyers	do	6
330	do	A Warmhiar	do	58 7' 12'
333	do	W. J. Smith	.do	12
334	do.	Guy Fox	do	8
35	do	Chas. Gundlock	do	8
336	do	Fred Fender	do	8
337	do	P. L. Levick	do	. 79
38	do	W. J. Langhoff	do	6
339	do	Wm. Fogarty	do	54
340	do	Frank Fogarty	do	54
341	do	Samuel Hanson	do	54 70 70
342	do	Ed. Hargan	do	70
343	do	W. G. Hixon	do	51
544	do	Frank Irvine	do	75 56
345	do	Jas. Irvine	do	56
546	do	коу Lanham	do	48
347	do	P. O. Moore	do	52
548	do	A. U. Moran		72
549	do	A. Warmpier. W. J. Smith. Guy Fox. Chas. Gundlock Fred Fender. P. L. Levick. W. J. Langhoff. Wm. Fogarty Frank Fogarty Samuel Hanson Ed. Hargan. W. G. Hixon. Frank Irvine. Jas. Irvine. Roy Lanham P. O. Moore. A. U. Moran. R. A. Palferman. Ben. L. Reed. J. C. Snider J. C. Ssidy. O. L. Mendenhall.		52
สริกป	do	Ren. T. Reed		50 48 52 72 52 59
5551				5.5
351	do	J. C. Sniger		52

	Date.	To whom.	For what.	Aı
	1914.			
54	June 3	Jeanette Craigmile	Wages, May, 1914	
55	do	Frank C. Wilson	do	Į.
56	do	Oscar L. Hunt	do	l
57	do	Mollie B. Frazier		
58	do	Arminta Cowden	do	
59	qo	Blanche R. Humrichouse	do	
Oυ	ao	Mark Small		1
01	do	Manda Campball		
22		Maude Campbell		
60		T E Chinley	do	
65		C A Daymore	do	
66	do	T. Errongeline White	u0	
67	do	Tohn Proum	do	
20	o	A T. Corrors	do	
60		Androw Dogwoll	Tigo of toom May 1014	
けつき	do	T F Honnoh	Worse May 1014	
71	do	Marion F. Sparke	do Mages, May, 1914	
79	do	M T Lindson	do	
72	do	T S Whitmire	do	
74	40	H D Brown	do	
75	do	Lucy Lowe	do	
76	do	Marie Haltom	_do	
77	do	E. F. Murphy	do	
78	do	Guy G. Mills	Salary, June 1-11, 1914	
79	do	Frances Feind	Salary, June 1-15, 1914	4
ŔĎ	do	John C. Ames	Freight and express	
81	do	P. M. Hart	Wages, May, 1914	
82	do	C. A. Miller	do	
83	do	P. J. Nilsen	do	
84	do	P. J. Sweenv	do	
85	do	E. C. Williams	do	
86	June 4	Jeanette Craigmile Frank C. Wilson Oscar L. Hunt Mollie B. Frazier Arminta Cowden Blanche R. Humrichouse Mark Small Albert Bradford Maude Campbell M. C. Weaver J. E. Shipley C. A. Brumley L. Evangeline White John Brown A. L. Sowers Andrew Boswell J. F. Hannah Marion E. Sparks M. T. Lindsey J. S. Whitmire H. D. Brown Lucy Lowe Marie Haltom E. F. Murphy Guy G. Mills Frances Feind John C. Ames P. M. Hart C. A. Miller P. J. Nilsen P. J. Sweeny E. C. Williams R. Smith F. Thompson	do	
87	do	F. Thompson J. E. Henderson R. L. Meyers W. D. Rohl E. W. Smalley S. D. Richards D. Herriott Pearl Hagen	-do	
88	do	J. E. Henderson	_do	
89	do	R. L. Mevers	do	
390	do	W. D. Rohl	_do	
91	do	E. W. Smallev	do	
92	do	S. D. Richards	do	
393	do	D. Herriott	do	
394	do	Pearl Hazen	do	
395	do	C. A. Fogel	do	
396	do	Macy Bros	do	
97	do	Gus Patterson	do	
98	do	J. F. Hubbard	do	
99	do	E. L. Martin	do	
700	do	J. Ingleman	do	
701	do	Mary Warner	do	
$^{702}$	do	A. W. McJilton	do	
703	do	W. L. Davis	do	
704	do	S. D. Richards D. Herriott Pearl Hazen C. A. Fogel Macy Bros. Gus Patterson J. F. Hubbard E. L. Martin J. Ingleman Mary Warner A. W. McJitton W. L. Davis. T. Lowery. G. R. Evans G. Hobick R. L. Wirt A. Shields G. W. VanMeter A. E. Burwash B. Jordan C. Ross.	do	
705	do	G. R. Evans	do	
706	do	G. Hobick	do	
707	do	R. L. Wirt.	[do	
708	do	A. Shields	do	
09	do	G. W. VanMeter	do	
10	do	A. E. Burwash	do	
11	do	B. Jordan	do	
12	do	C. Ross	do	
13	do	T. F. Jordan	do	
14	do	G. J. VonHolten	do	
15	do	W. H. Gray	qo	
16	do	D. Wilkins	qo	
17	o	G. Schiff	ao	
18	do	M. Hudson	ao	
19	do	U. W. Hampton	do	
20	αο	B. Jordan. C. Ross. T. F. Jordan. G. J. VonHolten. W. H. Gray. D. Wilkins. G. Schiff. M. Hudson. O. W. Hampton. L. Creiger E. Grove. H. I. Nelson. A. R. Grindley R. S. McInness. C. C. Gordon. A. Dunn.	do	
21	do	E. Grove	ao	
22	ao	H. I. Nelson	ao	
(23	do	A. K. Grindley	qo	
(24)	do	R. S. McInness	do	
25	do	U. G. Gordon	qo	
26	do	A. Dunn	ao	
27	do	W.E. Heyer	do	
28	do	R. L. Wirt.	do	
29	do	W. E. Heyer R. L. Wirt J. J. Cender W. Leischner J. D. Perham	do	
30	do	W. Leischner	do	
	1 45	I D. Parham	do	

To.	Date.	To whom.	For what.	Amou
	1914.			
9732	June 4	E. S. Hayes	Dairy products furnished department of dairy husbandry	
			ment of dairy husbandry	\$ 2
9733	do	E. S. Hayes  W. Case. H. Cherry C. C. Rayburn Van Carter W. E. Yount G. W. VanMeter A. W. VanMeter A. W. Ashworth A. Shields H. C. Kaufman W. E. Womacks J. A. R. Koch S. T. Carter G. B. Giddings F. W. Howell H. Hahn C. Sadler	do	]
9734 0795	do	H. Unerry		1 2
9738 0738		Von Corton	do	9
9737 3737	do	W F Vount	do	
7738	do	G. W. VanMeter	do	3
9739	do	A. W. Ashworth	_do	1 8
9740	do	A. Shields	do	4
9741	do	H. C. Kaufman	do	1 8
9742	do	W. E. Womacks	do	8
9743	do	J. A. R. Koch	do	4
744	do	S. T. Carter	do	3
1740 1740	do	G. B. Gladings	do	3
3740 3747		r. w. Howell		
9748	ao	C. Sodlar	do	í
749	do	I H IImhanhawar	do	9
750	do	R. H. Brewer	do	
751	do	H. Allison	do	4
9752 9753	do	W. J. Wilson	do	\$ \$
753	do	J. W. Rayburn	do	3
754	do	H. Hahn. C. Sadler J. H. Umbanhowar R. H. Brewer H. Allison. W. J. Wilson. J. W. Rayburn P. J. Wagner D. Hahn. J. Rueb. F. H. Busey. I. W. Maxwell I. H. Gordon E. A. Smith. E. J. Percival H. Giltner W. C. Welch H. W. Ballantine. Wm. Wesley & Son. Edw. G. Allen & Son W. Junk. A. Hermann & Son Letter Shop. Ernst Hertzberg & Son.	do	5
755 756	do	D. Hann	00	4
757		F II Bush	do	2
9757 9758		T W Maymall	do	9
759	do	I. H. Gordon	do	
759 760	do	E. A. Smith	do	9
761	do	E. J. Percival	do	5
762	do	H. Giltner	do	. 1
763	do	W. C. Welch	do	2
764	do	H. W. Ballantine	Traveling expenses	17 360
765	do	Wm. Wesley & Son	Books	360
1700 1767	do	Edw. G. Allen & Son	do	89 157
1760 1760		A Harmann & San	do	239
7760	do	Letter Shop	Clarical aggistance	166
770	do	Ernst Hertzberg & Son	Books	15
771	do	Merwin Sales Co	do	15 44
9772	do	Newton D. Mereness	Research work	75
9773	do	Ora B. Castle	Wages, May, 1914	50 125
3774	June 5	R. E. Hieronymus	Balance salary, May, 1914	125 39
1110 1770	do	A. L. Hallquest	Traveling expenses	39
メイイり	do	Chan G Davis	do	17
7772	do	Cent E H Dunevin	do	19
7779	do	Hotel Beardsley	Entertainment	17 18 11
780	- do	Wm. Wesley & Son. Edw. G. Allen & Son. W. Junk. A. Hermann & Son. Letter Shop. Ernst Hertzberg & Som. Merwin Sales Co. Newton D. Mereness Ora B. Castle. R. E. Hieronymus A. L. Hallquest. Burt W. Phillips Chas. G. Davis Capt. E. H. Dunavin. Hotel Beardsley. Marion E. Sparks. Agnes A. Wagner Ida Luther R. A. Horning C. L. Walduck. R. R. Danielson. Verna Manley R. P. Brown. W. J. Campbell F. W. Farley J. C. Munson. F. A. Newman. P. H. Van Winkle M. Russell Davis P. D. Jenks Arthur A. Odell.	Wages, May, 1914	26 60
9781	do	Agnes A. Wagner	do	60
782	do	Ida Luther	do	22
783	do	R. A. Horning.	do	25
784	do	C. L. Walduck	do	25
785	do	K. K. Danielson		25
1780	do	verna maniey	do	31
1101 1790	oo	W. I. Comphell	do	10
780	do	F. W. Farlay	do	25 25 31 27 10 28
790	do	I. C. Munson	_do	15
791	do	F. A. Newman	.do	22 12
792	do	P. H. VanWinkle	do	12
793	do	M. Russell Davis	do	23 18
794	do	P. D. Jenks	do	18
795	do	Arthur A. Odell	do	27 31
796	do	A. L. Shriver	00	31 26
797 798	ao	M F Slater	do	26 23
798		M. Russell Davis P. D. Jenks Arthur A. Odell A. L. Shriver Arthur Semple M. E. Slater Herman Dale F. Gordon W. R. Jones W. K. Jones W. Kolmer	do	94
800	do	F. Gordon	do	14
801	do	W. B. Jones	.do	45
802	do	W. Kolmer	do	15
803	do	C. H. Rehlinf	do	14 45 15 21
804	do	S. C. Skemp	do	
9805	do	W. R. Jones W. Kolmer C. H. Rehlinf S. C. Skemp H. P. Randolph B. Conklin. Jas. H. Sedgwick G. F. Sutherland W. C. Rappleye.	do	11 1
1806	do	B. Conklin	do	1
1807	do	Jas. H. Sedgwick	do	5
1808	do	G. F. Sutnerland		9 37
		W. L. BADDIAVA	UU	31

о.	Date.	To whom.	For what.	Amount
	1914.	O. W. Allen. Nellie Roberts. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Stechert & Co. Joseph Baer & Co. O. C. D. Cazenove & Son. Gustav Fock Dulau & Co. Otto Harrassowitz. Henry Sotheran & Co. Jacques Lechevalier. Swartz Electric Shop. Pearl Adams E. R. Welshly Stafford Engraving Co. Julius Cohen. Otto Lange. Honore Champion. Karl W. Hiersemann. Marcel Riviere & Co. Geo. Harding. G. Terquem. L. H. Lembo S. Schramm. L. H. Lembo S. Schramm. Fernando Fe C. A. F. Kahlbaum. Dr. F. Krantz. Ulrico Hoepli. T. Schweitzer. Pickering & Chatto. Kasseder Koniglichen Bibliothek. Geo. Littlefield. Auguste Picard. Beernard Quaritch. C. F. Miller. A. C. McClurg & Co. N. H. Shields. N. H. Shields. N. H. Shields. N. H. Shields. Kettle River Co. L. A. Fogel.		
810	June 5	O. W. Allen	Wages, June, 1914	\$ 65 0
815	do	O E Stanles Russes	Ganaral labor	32 8
813	do	O. E. Staples, Bursar	Sundry bills	141 2
814	do	O. E. Staples, Bursar	Wages, June, 1914do. General labor Sundry bills. Express. Traveling expenses. Postage Telephone and telegraph. Booksdododododd.	\$ 65 0 32 5 41 3 141 2 70 0 16 6 22 5 50 7 706 1 33 81 4
315	do	John L. Rich.	Traveling expenses	4 2
16	June 6	Charles M. Webber, Postmaster	Postage	70 (
818	ame s	Woode Publishing Co	Books	10 (
819	do	G. E. Stechert & Co.	-d0	50 7
820	do	Joseph Baer & Co	do	706
821	do	C. D. Cazenove & Son	. do	33 2
822	do	Gustav Fock	do	81 4
923	00	Otto Horrogowitz	do	62 6
225	uo	Hanry Sotheren & Co	do	195 /
326	do	Jacques Lechevalier	. do	308 8
327	do	Swartz Electric Shop	Building repairs	16 8
328	do	Pearl Adams	General labor	106 2
329	do	E. R. Welshly	Laboratory apparatus	2 2
330	do	Stafford Engraving Co	Printing	3 3
530 201		Otto Lenge	Prize	15 (
333	do	Honore Champion	do	12.5
334	do	Karl W. Hiersemann	Books	62 ( 15 ; 125 ; 308 ; 16 ; 106 ; 2 ; 3 ; 4 ( 12 ; 65 ; 21 ; 6 ; 6 ; 7 ; 6 ;
35	do	Marcel Riviere & Co	do	18
36	do	Geo. Harding	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	21 9
37	do	G. Terquem	do	6
38	do	L. H. Lembo	do	7
240		Formando Fo	do	51 51
41	uo	C A F Kahlhaum	. do Laboratory supplies Museum specimens. Books . do . do	10
42	do	Dr. F. Krantz	Museum specimens	45
43	do	Ulrico Hoepli	Books	33
44	do	T. Schweitzer	do	338 (
45	do	Pickering & Chatto	do	65 (
46	do	Kasseder Koniglichen Bibliothek	do	3 3
47	ao	Angusto Picard	do	7 7
49	do	Bernard Quaritch	do	51 18 45 45 338 65 65 77 2
5ŏ	do	C. F. Miller	Laboratory supplies	4 8
51	do	A. C. McClurg & Co	. do	3 ( 3 ( 1,971 ; 1,528 ( 1,500 ( 1,382 (
52	do	N. H. Shields	Contract	1,971
53	do	N. H. Shields	do	1,528 8
54	do	N. H. Shields	do	1,000
56 56	do	T H Rengre	Dairy products furnished depart-	1,002
00		Kettle Hiver Co. L. H. Beosre. E. F. Lyon. C. A. Fogel. Harvey Ray. E. Householder. T. M. Ghere. E. L. Martin. W. D. Rohl. J. Freeman. C. E. Smoot. C. Ross. B. Jordan. T. F. Jordan. A. Morgan. J. M. Esworthy. J. H. Jenks. H. F. Ridgeley. J. C. Shorek. F. P. Dalbey. F. Krugh. A. E. Burwash. W. H. Gray. Receivers, Central Union Telephone Co. Laura B. Evans. Florence E. Watson. C. R. Newell. C. R. Newell. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. D. Wilkins. T. P. Lyons.	. do . do Dairy products furnished depart- ment of dairy husbandrydo . do . do . do . do	2
57	do	E. F. Lyon	do	3 :
58	do	C. A. Fogel	do	2 :
29	do	Harvey Ray	do	2 (
61	ao	T M Chere	do	6
62	do	E. L. Martin	do	3 3
63	do	W. D. Rohl.	do	4
64	do	J. Freeman	do	5
65	do	C. E. Smoot.	do	3 .
66	do	C. Ross	do	2 :
60	do	T F Jordan	do	9
60	do	A Morgan	do	4
70	do	J. M. Esworthy	.do	6
71	do	J. H. Jenks	do	2 (
72	do	H. F. Ridgeley	do	2
73	do	J. C. Shorck	do	4
74	do	F. P. Dalbey	do	2 (
75	do	F. Krugn		2 5
77	do	W. H. Grav	.do	2322563453256462242232
378	do	Receivers, Central Union Telephone Co	Telephone and telegraph	$\tilde{6}$
379	do	Laura B. Evans.	Traveling expenses	57 (6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6
380	do	Florence E. Watson	do	27 (
881	do!	C. R. Newell	Clerical work	1 4
82	do	O. E. Staples, Bursar	Express.	5 9
583	ob	O. E. Staples, Bursar	Dairy products furnished desert	43 1
384	inne a	А. Риш	ment of dairy husbandry	4 1
385	do.	D. Wilkins	do	1 5
			do	2 1

o.	Date.	To whom.	For what.	Amour
9887	1914. June 9	R. S. McInness	Dairy products furnished depart-	
1001	aune a	R. S. McInness C. C. Gordon J. E. Henderson. E. Grove. O. W. Hampton P. P. Dunn F. Krukewitt J. B. Marsh F. Stadden. L. G. VanBuskirk F. Schweinske G. Hurst F. Elliott G. O. McMorris W. E. Satterfield F. Alsip T. M. Clayton J. D. Pulliam A. Ekblaw	Dairy products furnished department of dairy husbandry	\$ 2
9888	do	C. C. Gordon	do	\$ 11 31 32 44 34 42 42 4
2890 2890	ao	E. Grove	do	3
9891	do	O. W. Hampton	do	í
9892	do	P. P. Dunn	do	3
9893 9894	ao	I B March		2
9895	do	F. Stadden.	do	3
9896	do	L. G. VanBuskirk	do	4
9897	do	F. Schweineke	do	4
1898 1899.	do	F Elliott	ao	4
900	do	G. O. McMorris	do	$\hat{2}$
9901	do	W. E. Satterfield	do	4
3902	do	F. Alsip	do	2
9903	do	I. D. Pulliam	do	3
9905	do	A. Ekblaw	do	2 2 2 3 3 3 3 3 4 4 2 2 2 2 2 2 2 2 5 5 5 5 5 5 6 6 6 6 6 6
9906	do	F. Knox	do	3
3907	do	J. S. Herriott	do	3
909	do	J. D. Pulliam A. Ekblaw F. Knox D. S. Herriott J. M. Herriott C. G. Plottner T. S. Mapes J. C. Woodin Z. Alsip W. J. Wilson J. Rueb S. Lee Cox R. P. Hayes	.do	4
910	do	T. S. Mapes	do	2
9911	do	J. C. Woodin	do	1
1013	do	W T Wilson	do	9
914	do	J. Rueb	.do	2
915	do	S. Lee Cox	do	3
916	do	R. P. Hayes	do	1
918	do	F. H. Busay		9
919	do	L. Creiger	do	2
920	do	I. H. Gordon	do	5
1266	do	J. Hammack	do	6
9923	do	E. J. Percival	do	3
924	do	I. W. Maxwell	do	2
9925	do	Gustav Fock	Books	155
1920 1927	do	G H Wittenhere	do	4
9928	do	G. E. Stechert & Co.	do	6
9929	do	Chas. M. Webber, Postmaster	Postage	4
9930	do	U. 01 1. Supply Store	Payment on city lot	3 3 2 155 3 4 6 4 40 7,775
932	.do	S. Lee Cox. R. P. Hayes. C. Pfeister F. H. Busey L. Creiger I. H. Gordon J. Hammack C. J. Von-Holten E. J. Percival I. W. Maxwell Gustav Fock Ernst Hertzberg & Sons G. H. Wittenberg G. E. Stechert & Co Chas. M. Webber, Postmaster U. of I. Supply Store H. B. Boyer H. I. Nelson	Furniture. Payment on city lot. Dairy products furnished department of dairy husbandry.	3
9933	do	A. R. Grindley F. Thompson Pearl Hazen A. Shields.	do	2
3934	do	F. Thompson	do	2
9936	do	A. Shields	-do	4
937	do	Macy Bros	do	9
938	do	R. L. Myers	do	4
1939 1940	ao	R. L. Wirt	do	1 2
941	do	A. Sniedos. Macy Bros. B. L. Myers. T. M. Guynn B. L. Wirt. E. B. Resler B. Smith B. Childers O. A. Foster	do	8
942	do	R. Smith.	do	]
943	do	K. Unilders	ao	}
945	do	E. L. Price	.do	4
946	do	J. H. Rutan	do	2
947	do	R. Childers O. A. Foster E. L. Price J. H. Rutan S. T. Carter E. W. Smalley S. G. Richards G. Hobick J. Ingleman C. E. Kelley G. C. Coheran T. L. Lowery G. R. Evans J. W. Rhoades G. W. VanMeter C. Ross B. Jordan	do	}
948	ao	E. W. Sillalley	do	2
950	do	G. Hobick	do	4
951	do	J. Ingleman	do	4
952	ob	C. E. Kelley	do	3
954	do	T. L. Lowery	_do	1
955	do	G. R. Evans	do	2
956	do	J. W. Rhoades	do	4
9957 0050	do	G. Ross	do	1
9959	do	B. Jordan	do	l ê
9960	do	G. Nossan T. F. Jordan A. E. Burwash W. C. Welch W. H. Gray	do	8
9961	do	A. E. Burwash	do	32233499444433132244433132244433132244433132244433132244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331324443313244433132444331444331444331444331444331444331444331444331444331444331444331444331444331444331444433144443314444331444433144443314444344443444444

<b>То.</b>	Date.	To whom.	For what.	Amou
-	1914.	C. C. Gordon  R. S. McInnes G. B. Giddings O. W. Hampton J. W. Hammack E. Grove L. Creiger M. Hudson D. Wilkins G. Schiff E. Lyons H. M. Corray W. E. Heyer W. J. Kelley W. E. Yount E. L. Martin D. B. White J. A. R. Koch C. E. Smoot J. B. Skinner H. F. Ridgeley W. Leischner W. J. Wilson E. M. Frankenberg R. S. McNeith Van Carter F. W. Howell W. D. Rohl N. Hahn R. B. Brewer W. E. Womacks		
9964	June 11	C. C. Gordon	Dairy products furnsihed depart-	
		D 0 35 T	ment of dairy husbandry	\$ 1
9965	do	R. S. McInnes	do	22 23 33 32 22 22 33 37 37
9900	do	O. W. Hompton	do	2
9907	do	T W Hammack	do	3
9908	do	E Grove	do	3
9970	do	L. Creiger	do	2
9971	do	M. Hudson	do	2
9972	do	D. Wilkins	do	2
9973	do	G. Schiff	do	6
9974	do	E. Lyons	do	2
9975	do	H. M. Corray	do	3
9976	do	W.E. Heyer		2
0070		W. J. Kelley	do	97
0070	do	E. I. Mortin	do	1 2
002N	do	D R White	do	1 5
9981	do	J. A. B. Koch	-do	4
9982	do	C. E. Smoot	-do	ı ŝ
9983	do	J. B. Skinner	do	4
9984	do	H. F. Ridgeley	do	2
9985	do	W. Leischner	do	4
9986	do	W. J. Wilson	do	5 4 3 4 2 4 2 2 2 2 2
9987	do	E. M. Frankenberg	do	2
9988	do	K. S. McNeith		1 3
9989	do	van Carter	do	1 4
9990 0001	do	W D Dobl	do	0
9991	do	N Hohn	do	9
0003	do	P R Brower	do	3
9994	do	N. Hahn. R. B. Brewer W. E. Womacks. H. C. Kaufman. A. G. Krukewitt P. J. Wagner D. S. Herriott C. A. Fogel F. Knox J. E. Mitchell T. M. Ghere. W. Case F. H. Mapes	do	9
9995	do	H. C. Kaufman	-do	4
9996	do	A. G. Krukewitt	do	á
9997	do	P. J. Wagner	do	1 5
9998	do	D. S. Herriott	do	3
9999	do	C. A. Fogel	do	2
0000	do	F. Knox	do	3
.0001	do	J. E. Mitchell	do	4
0002	do	T. M. Gnere		0
6000		E H Manag	do	2
ひししま	do	T S Manes	do	9
2000 2000	do	A Morgan	do	1 4
0000	do	D. Hahn	do	1 4
0008	do	F. H. Busev	do	3
0009	do	J. W. Rayburn	do	2
0010	do	C. C. Rayburn	do	1 7
0011	do	J. J. Cender	do	4
0012	do	F. Knox J. E. Mitchell T. M. Ghere. W. Case. F. H. Mapes T. S. Mapes A. Morgan D. Hahn D. Hahn J. K. H. Busey J. W. Rayburn C. C. Rayburn J. J. Cender A. W. McJilton A. Shields. W. A. Ashworth G. W. VanMeter I. H. Gordon E. J. Percival I. W. Max well E. A. Smith A. J. Todd O. E. Staples, Bursar W. E. Meanwell D. H. Carnaham The University of Chicago Press Urbana Courier Co. W. E. Johns, Business Manager, 1914 Illio Taylor Instrument Co. Commercial Telephone & Telegraph Co. L. Eveline Merritt E. R. Schulz Claude L. McCabe Janes M McGrath W. H. Lee Jim Dickerson R. H. Hilderbrand J. E. Henderson R. Childers S. T. Carter	do	438732435323452322443227434352332275757
0013	do	A. Snields		1 4
0014	do	W. A. AShWorth	ao	
0016	on	T H Cordon	do	1 9
0010 0010	do	E I Parcival	do	5
2100	do	T. W. Maxwell	do	}
0019	do	E. A. Smith	1do	1 3
0020	do	A. J. Todd	Museum specimens	7
$00\bar{2}1$	do	O. E. Staples, Bursar	Rebates to students	57
0022	do	W. E. Meanwell	Traveling expenses	18
0023	do	D. H. Carnaham	Museum specimens	50
0024	June 12	The University of Chicago Press	Printing and publishing	2
0025	do	Urpana Courier Co	ao	1 8
UU26	ao	w. E. Johns, Business Manager, 1914	Freight and awares	1 .
0007	do	Taylor Instrument Co	A property repoirs	1 8
00 <i>21</i>	do	Commercial Telephone & Telegraph Co	Telephone and telegraph	100
0020 0020	do	I. Evalina Marritt	Travaling avnances	10
0028 0030	do	E. R. Schulz	Loan	50
0031	do	Claude L. McCabe.	_do	35
0032	do	Janes M McGrath	1do	25
0033	do	W. H. Lee	Clerical work	50
0034	do	Jim Dickerson	. do Clerical work. General supplies. Printing. Dairy products furnished depart- ment of dairy husbandrydo	1 1
0035	do	R. H. Hilderbrand	Printing.	7
.0036	June 13	J. E. Henderson	Dairy products furnished depart-	
			ment of dairy husbandry	2
0037	do	R. Childers S. T. Carter F. P. Dalbey	do	3
.0038	do	S. T. Carter	do	3
กกรด	1do	F. P. Dalbey	do	2

lo.	Date	To whom.	For what.	Amou
	1914.			į
0040	June 13	G. O. McMorris	Dairy products furnished department of dairy husbandry	<b>\$</b> 2
0041	do	F. Kuder J. Rueb J. Freeman F. Stadden J. D. Perham R. H. McAlister H. F. Ridgeley J. C. Shrock B. Jordan C. Ross	do:	9 2
0042	do	J. Rueb	do	1 3
0043 0044	ob	J. Freeman	do	
0045	do	J. D. Perham	do	1 3
0046	do	R. H. McAlister	do	3
0047	do	H. F. Ridgeley	do	1 3
0048	do	B. Jordan	do	1 3
0050	do	C. Ross	do	}
0051	do	T. F. Jordan	do	1 !
0052 0053	do	Thos Guynn	do	:
0054	June 16	E. V. Percival.	do	1
0055	do	J. Hammack	do	1 :
0056	do	C. C. Gordan	do	
0057 0058	do	T. P. Lyons	-do	1 3
0059	do	P. P. Dunn	do	*
0060	do	D. Wilkins	do	1
0061 0061	ob	U. W. Hampton	do	1
0063	do	G. Ross C. Ross T. F. Jordan A. E. Burwash Thos. Guynn E. V. Percival J. Hammack C. C. Gordan R. S. McInnes T. P. Lyons P. P. Dunn D. Wilkins O. W. Hampton J. D. Pulliam R. P. Hayes W. E. Womacks E. W. Smalley G. W. VanMeter D. Herriott C. A. Fogel	do	1
0064	do	W. E. Womacks	do	
0065	do	E. W. Smalley	do	1 :
0066 0067	do	D Herriott	do	:
0068	do	C. A. Fogel	do	1
0008	do	D. Herriott. C. A. Fogel E. Householder F. W. Howell W. C. Welch T. F. Mapes. J. A. R. Koch Z. Alsip L. F. Bialeschski S. A. Richards J. B. Marsh F. Stadden Van Carter	do	
$0070 \\ 0071$	do	F. W. Howell	do	1
$0071 \\ 0072$	do	T. F. Manes	.do	
0073	do	J. A. R. Koch	do	1 :
0074	do	Z. Alsip	do	
0075 0076	ao	L. F. Blaieschski	do	1
0077	do	J. B. Marsh	do	1 :
0078	do	F. Stadden	do	1
0079	do	Van Carter	do	
008U 0081	do	C. Pfeister	do	1
0082	do	F. H. Busey	do	
0083	do	W. E. Heyer	do	:
UU84 ᲘᲘՁᲜ	do	J. W. Khoades	do	
0086	do	I. W. Maxwell	do	
0087	do	C. Demlow	do	
8800	do	C. J. VonHolten	do	
บบอย กกดก	do	W H Grav	do	:
0091	do	H. Giltner	do	
0092	do	J. D. White	Postage	8
0093 0093	00	M H Robinson	do do	8.6
0095	do	J. B. Marsh F. Stadden Van Carter E. P. Ott C. Pfeister F. H. Busey W. E. Heyer J. W. Rhoades J. Ingleman I. W. Maxwell C. Demlow C. J. VonHolten E. J. Percival W. H. Gray H. Giltner J. D. White Florence E. Watson M. H. Robinson O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Frnst Schmidt William E. Weber W. S. Bowler H. N. Parker Otto Harrassowitz F. Rausch C. F. Newcomb	Repates to students	3
0096	do	O. E. Staples, Bursar	Student labor	2
0097	do	O. E. Staples, Bursar	Sundry bills	. 2
บบชอ	do	O. E. Staples, Bursar	do	2: 1:
0100	do	O. E. Staples, Bursar	do	10 76
0101	do	Ernst Schmidt	Muesum specimens	76
0102	do	William E. Weber	Refund examination fee	2
0104	do	H. N. Parker	Retund examination feedo. Laboratory supplies. Books. Museum specimens. Medical services. Band service, 1913-14. dododo.	20
0105	do	Otto Harrassowitz	Books	
0106	do	Otto Harrassowiz. F. Rausch. C. F. Newcomb. E. V. Allen. M. C. Alyea. E. J. Anderle. G. J. Boxes.	Museum specimens	65
0108 0104	do	E. V. Allen	Band service, 1913-14	43 24
0109	do	M. C. Alyea	do	24 24
0110	do	E. J. Anderle	do	24
0111	do	(G. 1. B 00ne	do	
0113	do	C. I. Burggraf	do	29
0114	do	E. J. Anderie G. I. Boone E. G. Bucher C. I. Burggraf E. C. Feutz H. L. Gogerty R. E. Greenberg R. P. Hall	do	24
0115	do	H. L. Gogerty	do	24
	L OD	л. д. отеепрегу	uv	24 24

Го.	Date.	To whom.	For what.	Amou
	1914.	L. B. Hiebel. C. E. Hungerford. W. I. Kirby. W. N. Leonard. G. I. Lindberg. G. B. McMillen. E. J. Novak. F. G. Olbrich. A. H. Orcutt. F. R. Powers. R. H. Purdy. H. B. Randolph. J. H. Rapp. F. E. Richart. P. H. Rogers. K. V. Root. G. B. Ruby. R. I. Shawl. V. T. Stevens. T. J. Strong. J. M. Thomas. C. F. Weingartner. A. R. Wilson. K. A. Clark. M. E. Hinds. Howard Mathews. F. W. Mohlman. J. R. Shulters. D. P. Anschicks.		
0118	June 16	L. B. Hiebel	Band service, 1913-14	\$24 24 24 24
)119	do	U. E. Hungeriord	do	24
1120		W. I. Kiroy	00	29
0199	do	G T Lindbarg	do	29
1123	do	G. B. McMillen	do	24 24 24 24 24 24 24
1124	do	E. J. Novak	-do	24
125	do:	F. G. Olbrich	do	24
0126	do	A. H. Orcutt	do	24
0127	do	F. R. Powers	do	24
)128	do	R. H. Purdy	do	24
)129	do	H. B. Randolph	do	24
)130	do	J. H. Kapp		24
1130		P. U. Dogge	do	24 24
1132	do	V V Root	do	24
1134	do	G B Ruhy	do	24
135	do	R. I. Shawl	-do	24
136	do	V. T. Stevens	.do	24 24
137	do	T. J. Strong	do	24 24 24
138	do	J. M. Thomas	do	24
139	do	C. F. Weingartner	do	24 24 24
140	do	A. R. Wilson	do	24
141	do	K. A. Clark M. E. Hinds. Howard Mathews. F. W. Mohlman. J. R. Shulters D. P. Anschicks B. R. Battey. S. J. Bess. H. N. Byers R. E. Davis J. F. Gauger E. W. Glenn E. W. Glenn E. W. Gouwens F. C. Hahn O. B. Hansen A. W. Hatz H. C. Hawes W. K. Hrabik E. J. Jones R. A. Kelly Kawin Kennedy L. G. Krug N. J. Lenhart H. B. Lotz M. J. MeClelland L. G. Murray R. W. Scheeter	do	24
1142	00	M. E. HIIIGS	do	24 24 24 24 24
1140	uo	F W Mohlman	do	29
144	do	I. R. Shultars	do	. 24
146	do	D. P. Anschicks	Band service, June 10-17, 1914	- 6
147	do	B. R. Battev.	do	6
148	do	S. J. Bess	do	6
149	do	H. N. Byers	do	$\epsilon$
150	do	R. E. Davis	do	6
151	do	J. F. Gauger	do	6
152	do	E. W. Glenn		
1153	00	E. W. GOUWERS	do	. 6
1104	do	O B Hangan	do	e
1156	do	A W Harz	do	ĕ
157	do	H. C. Hawes	do	· è
158	do	W. K. Hrabik	do	$\epsilon$
159	do	E. J. Jones	do	•
160	do	R. A. Kelly	do	1 8
161	do	Kawin Kennedy	do	. 6
162	do	L. G. Krug		: 6
1163	do	N. J. Lennart	do	1 6
1104	00	M. I. McClalland	do	
1166	uo	I, G Murray	-do	ì
167	do	R. W. Schecter	-do	i è
168	do	J. H. Tyler	do	· · è
169	do	M. J. McClelland L. G. Murray R. W. Scheeter J. H. Tyler R. R. Wagner W. V. Wirth H. F. Woodyatt W. J. Wright L. F. Helbling B. L. Kirk M. R. Johnson F. M. Lescher W. W. Willer L. W. Riley E. C. Wascher F. A. Witz J. Weiss J. McCullough	do	6
170	do	W. V. Wirth	do	6
171	do	H. F. Woodyatt	do	(
172	do	W.J. Wright	do	9
173	do	D. F. Helbling	uo	
174	op	D. D. KIIK	uo	2
170	uo	F M Lescher	do	6
177	do	W. W. Miller	-do	8
178	do	L. W. Riley	do	}
179	do	E. C. Wascher	do	6
180	do	F. A. Wiltz	do	(
181	do	J. Weiss	Dairy products furnished depart-	
		T 3 E G 11 1	ment of dairy husbandry	11
182	do	J. McCullough	do	19
183	do	K. Graham	00	3
1184	ao	A. D. Grindley	do	ا ا
1189	ao	H I Nalson	do	1 4
7180 7187	uo	O A Foster	do	
)166 )188	do	T. Lowery	do	9
1180	do	I. Rueb	-do	ا ا
ñ <u>1</u> 90	do	T. M. Ghere	do	[ 4
0191	do	J. D. Perham	do	8
$0\overline{192}$	do	J. McCullough R. Graham R. Smith A. R. Grindley H. I. Nelson O. A. Foster T. L. Lowery J. Rueb T. M. Ghere J. D. Perham C. E. Kelly W. D. Rohl S. G. Richards E. L. Martin	do	3
$019\bar{3}$	do	W. D. Rohl	do	11 19 3 1 2 2 3 3 3 4 4 3 3 8 8 8 8 8
0194	do	S. G. Richards	do	2
	ملة ا	IF L. Martin	l do	

0.	Date.	To whom.	For what.	Amou
1106	1914. June 16	C G Plottnor	Dairy products furnished deport-	
120	June 10	C. G. Plottner	ment of dairy husbandry	\$ 4
197	do	E. S. Hayes. G. Hobick. H. Ray. G. R. Evans. J. H. Rutan. G. Patterson.	do	\$ 4000000000000000000000000000000000000
199	do	H. Ray	do	j
200	do	G. R. Evans	do	2
1201 1202	do	J. H. Rutan G. Pattarson	do	2
				2
204	do	F. Elliott	do	1 8
$\frac{205}{206}$	do	T. F. Jordan	.do	7
207	do	B. Jordan	do	] 3
1208 1209	do	E. W. Smalley	do	}
210	do	A. E. Burwash	do	a
211	do	S. Atchison	do	4
$\frac{1212}{213}$	do	I. W. Maxwell	do	195 2195
214	do	W. H. Gray	do	2
1215 1216	do	E. L. Martin	Lahoratory supplies	195
217	do	Pantagraph Printing & Stationery Co	Printing.	21
218	do	F. Elliott C. Ross. T. F. Jordan B. Jordan B. Jordan B. Jordan C. A. Fogel. A. E. Burwash S. Atchison. T. N. Burwash S. Atchison. T. N. Burwash I. W. Maxwell W. H. Gray E. L. Martin. Chas. H. Besly & Co. Pantagraph Printing & Stationery Co. W. A. Karr Lumber, Co. E. J. Filbey Edmund J. James. Geo. E. Frazer Sue M. Fair E. E. Fiero A. R. Warnook Lillian Strong I. R. Carrithers R. N. Fargo H. L. Gill G. A. Huff R. R. Jones E. J. Manley Verna Brooks Rosa-Lee Gaut Agnes Hitt. Anna L. Hughitt. Gertrude E. Moulton Dorothy-Ruth Shoemaker F. D. Webster H. E. Howes C. H. Westcott E. G. Prouty E. H. Berry H. P. Ousley C. R. Velzy F. J. Giehler P. C. Rich H. A. Hollister T. P. Ayer Minnie J. Bollman Nelle E. Branch John Breedis Floyd E. Britton	Lumber	19
$\frac{219}{220}$	do	Edmund J. James.	do	183 1,000
221	do	Geo. E. Frazer	do	333
222 223	do	Sue M. Fair	do	-80
224	do	A. R. Warnock	do	50 150
225	do	Lillian Strong.	do	50
$\frac{220}{227}$	do	R. N. Fargo	do	60 120
228	do	H. L. Gill	do	220
229	do	G. A. Huff	do	416 120 90
$\frac{230}{231}$	do	E.J. Manley	do	90
232	do	Verna Brooks	do	90
233 234	do	Agnes Hitt	do	50 20
235	do	Anna L. Hughitt	do	100
$\frac{236}{237}$	do	Gertrude E. Moulton	do	133 70
238	do	F. D. Webster	do	48
239	do	H. E. Howes	do	20
$\frac{240}{241}$	do	E. G. Proutv	do	20 20
242	do	E. H. Berry	do	20
243	do	H. P. Ousley	do	20
$\frac{245}{245}$	do	F. J. Giehler	do	20
246	do	P. C. Rich	do	20
$\frac{247}{248}$	do	T. P. Aver	do	270 70
249	do	Minnie J. Bollman	do	33
$250 \\ 251$	do	Nelle E. Branch	ao	35
$251 \\ 252$	do	Floyd E. Britton.	do	36 30
$\frac{253}{254}$	do	Glen Christy	do	18
$\frac{254}{255}$	do	F. K. W. Drury	do	200
256	do	Fannie Dunlap	do	, 60
$\frac{257}{258}$	do	E. O. Fontaine	do	83
259	do	Mable H. Gibson	do	36
$\frac{260}{261}$	do	P. S. Goulding	ao	166 100
$\frac{201}{262}$	do	Margaret Herdman	do	75
$\frac{263}{264}$	do	Marie E. Hubbard	do	27 88
$\frac{264}{265}$	do	Chas. Janvrin	do	41
266	do	Alice Johnson	do	41 88 100
267 268	do	Emma R. Jutton	do	100   100
269	do	Marian Leatherman	do	100 78 68
270	do	T. P. Ayer Minnie J. Bollman Nelle E. Branch John Breedis. Floyd E. Britton Glen Christy. Jonnie A. Craig F. K. W. Drury Fannie Dunlap Emma Felsenthal E. O. Fontaine Mable H. Gibson P. S. Goulding Chas. E. Graves Margaret Herdman Marie E. Hubbard Margaret Hutchins Chas. Janvrin Alice Johnson Emma R. Jutton Eleanor G. Karsten Marigue L. Beatleh Marguerte Mitchell Adah Patton Ketherina L. Beatleh	do	68
1271 1279	do	Adah Patton Katharine L. Renich Mary Torrance	do	9:
1072	do	Mary Torrance	do	30

lo.	Date.	To whom.	· For what.	Amou
	1914.	Mary Z. Troy P. L. Windsor A. G. Eidredge Orr Allyn J. P. Aumer L. R. Binding A. M. Brunson C. B. Clevenger R. W. Dickenson O. I. Ellis H. F. T. Fahrnkopf F. W. Garrett G. E. Gentle W. B. Gernert H. C. Gilkerson A. F. Heck S. V. Holt E. E. Hoskins W. R. Leighty C. C. Logan J. G. Mosier Gertrude Niederman J. H. Pettit C. O. Reed W. H. Sachs W. R. Schoonover L. H. Smith H. J. Snider		
0274	June 17	Mary Z. Troy	Salary, June, 1914	\$ 65
0275	do	P. L. Windsor	do	291 250
$0276 \\ 0276 \\ 0277$	do	A. G. Eldredge	do	250
0 <i>211</i> 0970		T P Aumor		83 150
$0278 \\ 0279$	do	L R Binding	do	190
0280	do	A. M. Brunson	do	83 70
0281	do	C. B. Clevenger	do	70
0282 0283	do	R. W. Dickenson	do	83 70
0283	do	O. I. Ellis	do	70
)284 )285	do	H. F. T. Fahrnkopf	do	70 100
)285	do	F. W. Garrett	do	100
)286 )287	do	G. E. Gentle	do	70 150 70
)287 )288	do	W. B. Gernert	do	150
1288	do	H. C. GIIKETSOII		70
ว2อช โวดก	do	Q V Uol+	do	150
$\frac{0290}{0291}$	do	E E Hoskins	do	150 150
292	do	W. R. Leighty	do	116
293	do	C. C. Logan	do	150
294	do	J. G. Mosier	do	116 150 46 50
295	do	Gertrude Niederman	do	50
296	do	J. H. Pettit	do	250
$\frac{297}{298}$	do	C. O. Reed	do	120
298	do	W. H. Sachs	do	133 70
299	ao	W. K. SCHOOHOVer	do	70
30U 201	uo	W. H. Sachs. W. R. Schoonover. L. H. Smith. H. J. Snider. H. W. Stewart. E. D. VanAlstine. E. H. Walworth. F. M. W. Wascher. H. C. Wheeler. E. A. White. A. L. Whiting. D. O. Barto Sleeter Bull. W. J. Carmichael. W. C. Coffey. J. A. Detlefsen. J. L. Edmonds. W. F. Handschin. H. W. Mumford. C. I. Newlin. Leonora Perry. H. P. Rusk. F. M. Simpson. W. H. Smith. J. R. Wells. J. J. Yoke. R. E. Brand. E. M. Clark. W. T. Crandall. W. J. Fraser. R. S. Hulce. O. A. Keller. Le Roy Lang. H. A. Ruehe. W. W. Yapp. LE D. N. Hilling. W. J. Parker. F. A. Pearson. H. A. Ruehe. W. W. Yapp. LE D. N. Hilling.	do	291 70 150
303 901	uo	H W Stowert	do	150
303	do	E. D. Van Alstine	do	175
304	do	E. H. Walworth	_do	178 70
305	do	F. M. W. Wascher	do	100 150
306	do	H. C. Wheeler	do	150
307	do	E. A. White	do	178
308	do	A. L. Whiting	do	150 200 133
309	do	D. O. Barto	do	200
310	do	N. T. Commished		135
311	do	W. J. Carmichael	do	91
313	do	I A Detlefsen	do	266 200
314	do	J. L. Edmonds	_do	208
315	do	W. F. Handschin	do	200
316	do	H. W. Mumford	do	416
317	do	C. I. Newlin	do	200 416 100 100
318	do	Leonora Perry	do	100
เจยง เจาล		E M Simpson	do	98 133 125
เอ∠บ เออ1	do	W U Smith	do	195
322	do	I R Wells	do	88   88   178
323	do	J. J. Yoke	do	83
324	do	R. E. Brand	do	178
325	do	E. M. Clark	do	178
326	do	W. T. Crandall	do	178 150
327	do	W. J. Fraser	do	291 116
328	do	R. S. Hulce	do	116
329	ao	U. A. Keller	uo	91
33U		H N Porker	do	178 200
229 100	uo	F A Pagreon	do	200 01
333	40	H. A. Rueha	do	91 133
334	do	W. W. Yapp	.do	91
335	do	Ira D. Allison	do	
336	do	F. A. Aust	do	88
337	do	E. W. Bailey	do	175
338	do	J. C. Blair	do	88 175 416 150
339	do	S. J. Bole	ao	150
340	do	A. S. Colby	ao	
341	ao	U. D. Urandan	do	291 250 150
3/12	uo	C E Duret	do	200 150
344	do.	L. E. Foglesong	do	116
345	do	J. J. Gardner	do	100
346	do	A. J. Gunderson	do	100
347	do	H. R. Talkey H. A. Ruehe W. W. Yapp Ira D. Allison F. A. Aust E. W. Balley J. C. Blair S. J. Bole A. S. Colby C. S. Crandall H. B. Dorner C. E. Durst L. E. Foglesong J. J. Gardner A. J. Gunderson Julia A. Harper R. W. Hoffman Jas. Hutchinson J. W. Lloyd Wilhelm Miller F. W. Muncie	do	150 116 100 100 65 70 100 291 250
348	do	R. W. Hoffman	do	70
349	do	Jas. Hutchinson	do	100
350	do	J. W. Lloyd	ao	291
351	do	wilneim Miller		250 83
		H VV MIINCIA		83

). 	Date.	G. L. Peltier B. S. Pickett C. C. Rees. C. M. Robinson R. R. Root. W. A. Ruth C. B. Sayre. F. A. C. Smith O. S. Watkins. Isabel Bevier Nina B. Crigler Georgia Fleming Nellie Goldthwaite Cora E. Gray Florence Harrison Maud Parsons. Helena M. Pincomb Lurene Seymour Grace E. Stevens. Ruth Wheeler. Donald McIntosh S. C. Burton A. B. M. Corrubia F. K. Cowley Winifred Fehrenkamp J. H. Forsythe R. T. Jones J. M. Kellogs A. H. Kimball W. C. Titcomb N. A. Wells. Earle R. Math Ralph E. Muehlman B. L. Davis. J. I. Parcell G. W. Pickels W. H. Raynor C. C. Wiley A. R. Knight E. B. Paine E. H. Waldo Chas R. Moore Robin Beach R. M. Gorse H. H. Jordan H. W. Miller W. S. Nelson F. M. Porter H. H. Jordan H. W. Miller W. S. Nelson F. M. Porter H. O. Rugg R. K. Steward B. W. Benedict A. B. Domonske J. M. Duncan H. S. Eames G. A. Gross J. A. Frisk H. F. Godeke R. E. Kennedy E. T. Lanham J. C. Pendleton G. H. Radebaugh C. R. Ensign H. F. Godeke R. E. Kennedy E. T. Lanham J. C. Pendleton G. H. Radebaugh C. R. Richards D. L. Scroggin F. C. Torrance H. H. Jordan H. W. Walter H. S. Bosely C. R. C. Porrance H. H. Stoen L. S. Scrognin F. C. Torrance H. H. Stoen L. S. Scrognin F. C. Porrance H. H. Stoen L. E. Babbitt G. P. Boensite H. H. Stoen L. S. Roerly A. N. Tablot Alexander Vallance W. H. Bair	For what.	Amou
	1914.			
353	June 17	G. L. Peltier	Salary, June, 1914	\$ 83 25
354	do	B. S. Pickett	do	25
155	do	C. C. Rees.	do	25 4 10 20 15 7 12 17 25
356	do	C. M. Robinson	do	10
357	do	R. R. Root	do	20
358	do	W. A. Ruth	do	15
359	do	C. B. Sayre	do	7
360	do	F. A. C. Smith	do	12
361	do	O. S. Watkins	do	17
362	do	Isabel Bevier	do	25
363	do	Nina B. Crigler	do	11 10
364	do	Georgia Fleming	do	10
365	do	Nellie Goldthwaite	do	18 11 10
366	do	Cora E. Gray	do	11
367	do	Florence Harrison	do	10
368	do	Maud Parsons	do	11
369	do	Helena M. Pincomb	do	11 13 15 11
370	do	Lurene Seymour	do	15
371	do	Grace E. Stevens	do	11
372	do	Ruth Wheeler	do	14
373	do	Donald McIntosh	do	14 20 14 16 12 7 15 16 15
374	do	S. C. Burton	do	14
375	do	A. B.M. Corrubia	do	16
376	do	F. K. Cowley	do	12
377	do	Winifred Fehrenkamp	do	7
378	do	J. H. Forsythe	do	15
379	do	R. T. Jones	do	16
380	do	J. M. Kellogg.	do	15
381	do	A. H. Kimball	do	15
382	do	W. C. Titcomb	do	17
383	do	N. A. Wells	do	10 14 14
384	do	Earle R. Math	do	14
385	do	Ralph E. Muchlman	do	14
386	do	B. L. Bowling	do	8
387	do	R. E. Davis	do	8 12
388	do	J. I. Parcell	do	20 15 13
389	do	G. W. Pickels	do	15
390	do	W. H. Raynor	do	13
391	do	C. C. Wilev	do	14 15 25
392	do	A. R. Knight	do	15
393	do	E. B. Paine	do	25
394	do	E. H. Waldo	.do	16
395	do	Chas. R. Moore	do	16 13 10
396	do	Robin Beach	.do	. 10
397	do	Rufus Crane	do	10
398	do	H. H. Jordan	do	14
399	do	H. W. Miller	do	14 14 18 3 12 15
400	do	W. S. Nelson	do	. 3
401	do	F. M. Porter	do	12
402	do	H. O. Rugg	do	15
403	do	R. K. Steward	do	14
404	do	B. W. Benedict	. do	29
105	do	A.B. Domonske	do	. 14
406	do	J. M. Duncan	do	29 14 9
407	do	H. S. Eames	. do	.   14
408	do	G. A. Gross	do	15
409	do	J. A. Frisk	do	.  9
410	do	H. F. Godeke	do	.   13
411	do	R. E. Kennedy	do	13 15 15
412	do	E. T. Lanham	do	. 12
413	do	J. C. Pendleton	do	10
414	do	G. H. Radebaugh	do	11
415	do	C. R. Richards	. do	47
416	do	L. Scroggin	do	12
117	do	F. C. Torrance	do	12 11 13 20
118	do	H. W. Waterfall	do	13
119	do	E. A. Holbrook	do	20
120	do	H. H. Stoek	do	41 15
121	do	L. E. Young	do	.] 15
122	do	H. E. Babbitt	do	14
123	do	G. P. Boomsliter	do	17
124	do	N. E. Ensign	do	15
<b>12</b> 5	do	Harry Gardner	do	14
126	do	H. F. Gonnerman	do	15
127	do	C. E. Noerenberg	do	17
128	do	F. B. Seely	do	15 14 17 15 14 15 17 17
129	do	A. N. Tablot	do	41 14 5
£30	do	Alexander Vallance	do	14
		IN LI Doin	l dà	) 5

No.	Date.	To whom.	For what.	Amo
	1914.			
0432	June 17	L. T. Jones. Sebastian Karrer J. B. Nathanson O. A. Randolph G. A. Shook. O. H. Smith E. H. Warner J.B. Hayes J. M. Snodgrass D. A. Abrams A. K. Chittenden H. H. Dunn	Salary, June, 1914	\$ 9 7 5 9 12
.0433	do	Sebastian Karrer	do	7
0434	do	J. B. Nathanson	do	5
0435	ao	C A Shool		10
0436	do	O H Smith	do	12
U438	do	E H Warner	do	8
0430	do	J.B. Haves	do	8 9 18 15
0440	do	J. M. Snodgrass	do	18
0441	do	D. A. Abrams	do	15
0442	do	A. K. Chittenden	do	22
0443	do	A. K. Chittenden H. H. Dunn R. B. Keller A. P. Kratz D. F. McParland H. F. Moore.	do	11
)444	do	R. B. Keller	do	16
1445	qo	A. P. Kratz	ao	13
1446	do	D. F. MCFarland	do	16
1447	do	W A Sleter	do	22 15
	do	H. F. Moore. W. A. Slater. J. N. Vedder. T. D. Yensen Paul D. Merica. S. O. Andros. E. H. Decker Frederick Green	do	133
	do	T. D. Yensen	do	13
	do	Paul D. Merica.	do	13: 15:
)452	do	S. O. Andros	do	17
	do	E. H. Decker	do	29:
1454	do	Frederick Green	do	29
455	do	W. G. Hale	ao	29
456	do	U. A. Harker		410 208
457	do	J. IV. FOMETOY	00	208 293
450	uo	E. H. Decker Frederick Green W. G. Hale O. A. Harker J. N. Pomeroy C. G. Vernier H. M. Cassidy W. H. Pillsbury R. F. Little O. M. Andrews	do.	29. 28
460	do	H. M. Assidy W. H. Pillsbury R. F. Little O. M. Andrews K. C. Babcock Mary L. Waddell C. E. Bradbury C. F. Kelley E. J. Lake Mary M. Wetmore J. J. D. Bond F. W. Reed Joel Stebbins L. V. Burton C. R. Newell R. O. Brigham Stella M. Hague E. M. R. Lamkey J. M. LeCato W B. McDougall Rosalie M. Parr S. H. Scherfee F. L. Stevens F. L. Williams B. R. Raddiffe C. C. Rand R. K. Hursh B. S. Radcliffe C. C. Rand R. T. Stull A. E. Williams P. Anders W. C. Adams J. H. Allen R. E. Ball S. J. Bastes J. D. Beal S. A. Braley L. J. Broderson	do	200
461	do	R. F. Little	do	50
462	do	O. M. Andrews	do	83
463	do	K. C. Babcock	do	416
464	do	Mary L. Waddell	do	70
465	do	C. E. Bradbury	do	
466	do	C. F. Kelley	do	150
467	do	E. J. Lake	do	187
468	do	Mary M. Wetmore		190
469	do	F W Dood		120 150 187 150 30 140 291
471	do	Tool Stabbins	do	201
479	do	L. V. Burton	do	90
473	-do	C. R. Newell	-do	100
474	.do	R. O. Brigham	do	60
475 .	.do	Stella M. Hague	do	90
476 .	.do	E. M. R. Lamkey	do	90 100 60 90 60 120
477 .	.do	J. M. LcCato	do	60
478].	do	W. B. McDougall	do	120
479	.do	Rosalie M. Parr	do	80
180	.do	E T Ctowers		80 30 333
100	-uo	H D Wagganar		60
483	do	I. H. Whitten	do	60 60
184	-do-	R. K. Hursh	do	60 150
185	.do	B. S. Radcliffe	.do	120
186	.do	C. C. Rand	do	80
187	.do	R. T. Stull	do	250 125 100
88	.do	A. E. Williams	do	125
189	.do	Anders		100
190	.go	VV. O. Auams		10
97 .	.do	R. E. Bakar	do	50 35
93	do	r. R. Ball	do	60
94	.do	S. J. Bates	.do	100
95	.do	F. D. Beal	.do	140
96 .	.do	S. A. Braley	.do	30
97 .	.do]	I. J. Broderson	.do	120
98 -	.do]	I. M. Carter	.do	30
99 .	.do 1	S. E. Charlton	.do	30
. 000	.do	A. A. Ulark	.00	35
001	· do · · · ·   4	Hexander Conn	.ao	10 30
102	.uo	R S Davieson	do	60
500	.do	R. E. Baker.  I. R. Ball  J. J. Bates  J. D. Beal  J. Broderson  H. M. Carter  E. E. Chariton  C. A. Clark  Loxander Cohn  uanita E. Darrah  J. S. Davisson  H. Eckstein  E. W. Engle  J. T. Englis  F. Foster  J. H. Decker  J. W. Hess  R. Honovski	do	10
505	do	C. W. Engla	do	50
506	.do	O. T. Englis	'.do	30
507	do	F. Foster	.do	50 30 50 100
508	.do(	H. Decker	.do	100
509	.doi	R. W. Hess	.do	50 80
		D Hanavalri	do	80

No.	Date.	To whom.	For what.	Amou
	1914.			
0511	June 17	B. S. Hopkins. J. M. Janson. Oliver Kamm. H. C. Kremmers. H. F. Lewis. C. G. MacArthur. D. A. MacUnnes. W. A. Manuel. S. D. Marquis. R. A. Nelson. W. A. Noyes. Anton Prasil. J. W. Read. P. C. Rich. G. B. Ruby. Clarence Scholl. G. W. Sears.	Salary, June, 1914	\$140
0512	do	J. M. Janson	]do	10 60 30 50 150
0514	June 18	H. C. Krammers	do	30
0515	do	H. F. Lewis	do	50
0516	do	C. G. MacArthur	do	150
0517	do	D. A. MacInnes.	do	14( 3( 3( 1( 416
0218	do	W. A. Manuel		30
0520	do	R A Nelson	do	10
0521	do	W. A. Noves	do	416
0522	do	Anton Prasil	do	10
0523	do	J. W. Read	do	60
0524	do	P. C. Rich	do	10
0528 0596	00	Clarence Scholl	do	10
0520	do	G W Sears	do	60
0528	do	C. W. J. Sievert	do	10
0529	do	G. S. Skinner	do	1( 3(
0530	do	C. E. Sims	do	10 10 10 30
0531	do	L. D. Smith	do	100
053Z	do	J. D. SHOOK	do	10
1534	do	E. H. Taylor	do	4(
0535	do	S. C. Taylor.	do	50 120 30
)536	do	Lambert Thorp	do	120
537	do	R. W. Tippett	do	30
538	do	H. J. Weiland	do	35
1540	do	Edward Wichers	do	3(
1541	do	L. T. Lyman	do	9t
542	do	H. D. Valentine	do	35 30 50 10
543	do	H. J. Barton	do	291 208
544	do	H. V. Canter	do	208
545	do	U. M. MOSS	do	250
547	do	A S Paga	do	250
548	do	E. R. Dewsnin	do	250
549	do	E. L. Bogart.	do	250 250 250 250 291
550	do	T. W. Samuels	do	40 70
551	do	C. L. Stewart	do	70
1002	do	C. M. Tnompson		180
554	do	W A Chasa	do	190
555	do	Simon Litman	do	180 200 208
556	do	A. L. Prickett	do	40 250 200
557	do	M. H. Robinson	do	250
558	do	H. T. SCOVIIIe	do	200
560 .	do	I. F Anderson	00	250 229 416 291
561	do	W. C. Bagley	do	416
562	.do	L. D. Coffman	do	291
563 .	.do	A. L. Hallquest	do	50 50
564 .	.do	C. L. Harlan	do	50
500	.do	J. H. Johnston		291 150
567	do	E. M. Alden	do	375
568	.do1	E. C. Baldwin	do	175
569	.do0	C. V. Boyer.	do	375 175 140 150 500 140
570 .	.do	W. A. Buchen	do	150
579	.do	T. A. Ulark		500
573	-uo 1	J. Curl	do	140
574	.do	R. E. Dixon	do	110
575	.do Î	O. K. Dodge	do	270
576 .	.do  <u>I</u>	dward Fulton	do	175
570	.do/	r. G. Goodwin		270 175 100 125 90 100 120
70 ·	-uo 1	Alta Gwinn		125
80	.do	ada A. Harbarger	do	100
581 .	.do I	C. S. Jones	do	120
582	.do I	I. S. V. Jones	.do	183
583 .	.doJ	. C. Jordan	do	100
584 .	.do[1	tutn Kelso	do	100
586 -	00	Jarian Landae		180
587	do	J. W. Read. P. C. Rich G. B. Ruby Clarence Scholl G. W. Sears C. W. J. Sievert G. S. Skinner C. E. Sims L. D. Smith J. D. Snook W. A. Straw E. H. Taylor S. C. Taylor Lambert Thorp R. W. Tippett H. J. Welland Edward Wichers E. A. Wildman L. T. Lyman H. D. Valentine H. J. Barton H. J. Barton H. J. Barton C. M. Moss W. A. Oldfather A. S. Pease E. R. Dewsnup E. L. Bogart T. W. Samuels C. L. Stewart C. M. Thompson J. G. Thompson J. G. Thompson M. A. Chase Simon Litman A. L. Prickett M. H. Robinson H. T. Scoville N. A. Weston L. F. Anderson W. C. Bagley L. D. Coffman A. L. Hallquest J. L. Harlan J. H. Johnston W. S. Miller J. M. Alden J. C. Baldwin J. W. A. Glark H. L. Creek J. Curl J. G. Godwin J. H. Johnston W. A. Clark H. L. Creek J. Curl J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. G. Godwin J. H. Johnston J. G. Godwin J. H. Johnston J. G. Godwin J. H. Johnston J. G. Godwin J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. H. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. J. Johnston J. Johnston J. J. Johnston J. Johnston J. Johnston J. Johnston J. J	do	120 183 100 100 180 90 120
588	.do f	Iarrison McJohnston	do	120 208
• آمَوَ	7	r 0 D. 1	4.	200

Го.	Date.	To whom.	For what.	Amou
	1914.	Clarissa Rinaker L. R. Sarett Gertrude Schoepperle F. W. Scott S. P. Sherman T. B. Stanley E. G. Sutcliffe A. J. Tieje G. F. Whicher C. H. Woolbert Jacob Zeitlin S. A. Forbes Robt. D. Glasgow Alvah Peterson F. L. Fleener G. W. Heitkamp J. L. Rich C. S. Ross David Thompson P. S. Varto N. C. Brooks G. T. Flom Julius Goebel Alexander Green F. E. Held A. H. Koller O. E. Lessing G. H. Meyer C. M. Poor G. W. Spindler C. A. Williams A. E. Zucker C. W. Alvord Elizabeth P. Brush S. J. Buck A. C. Cole Frederick Duncalf E. B. Greene L. M. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson A. H. Larson		
)590	June 18	Clarissa Rinaker	Salary, June, 1914	\$110 100 130 200
)591	do	L. R. Sarett	do	100
)592	••do	Gertrude Schoepperle	do	130
1593	do	F. W. Scott	do	200
)594	do	S. P. Sherman	do	308 308 50 100 120
)595	do	T. B. Stanley	do	50
1596	do	E. G. Sutcliffe	do	100
)597	do	A. J. Tieje	do	120
J598	do	G. F. Whicher	do	110
1599	do	C. H. Woolbert	do	166 133
1000	do	Jacob Zeitlin	do	133
ROT	do	S. A. Forbes	do	83
1002	do	Robt. D. Glasgow	do	120 60 40
003	do	Alvan Peterson	do	60
0004	do	F. L. Fleener	do	40
805	do	G.W.Heitkamp	do	40 150 40
000	do	J. L. Rich	do	150
507	do	C. S. Ross	do	40
608	do	David Thompson	do	40
609	do	P. S. Varto	do	100
610	do	N. C. Brooks	do	208 233
611	do	G. T. Flom	do	233
612	do	Julius Goebel	do	203 312 120 50 130 291
613	do	Alexander Green	do	120
614	do	F. E. Held	do	50
515	do	A. H. Koller	do	130
616	do	O. E. Lessing	do	291
617	do	G. H. Meyer	do	229 150
618	do	C. M. Poor	do	150
519	do	G. W. Spindler	do	.50
620	do	C. A. Williams	do	150
621	do	A. E. Zucker	do	50
622	do	C. W. Alvord	do	150 50 150 50 145 90 150 208
623	[do	Elizabeth P. Brush	[do	90
624	do	S. J. Buck	do	150
625	do	A. C. Cole	do	150
626	do	Frederick Duncalf	do	208
627	do	E. B. Greene	do	416
628	do	L. M. Larson	do	250
629	do	A. H. Lybyer	do	233
630	do	w.s. Robertson	do	208
1631	do	Josephine E. Burns	do	416 250 233 208 100 120 140 60 140
032	ao	E. W. Chittenden	00	120
1033	ao	W. W. Denton	0.0	140
034	ao	C. M. Hebbert		146
035	do	A. J. Kempner	00	14(
030	do	S. A. Rowland	q0	10
037	ao	Geo. Rutleage	do	0(
038	ao	T. D. Character	3.	60 130 116 60
039	ao	C. E. Waller	d0	110
040	ao	G. E. Wanin		110
641	ao	H. U. Zels		100
042	ao	J. H. Deard	do	100
043	o	Almo T Noill	do	13( 183 6(
044	do.,	P. H. Bodo	do	291
G40		A H Doniels	do	222
247	ao	Outgon T. Shanhard	do	110
041	do	D. T. Covor	do	11(
040		W F Dodd	do	101
850	uu	I W Forner	do	333
351	uo	A C Hanford	do	500
001	u0	I M Mothows	do	150
852	uo	Russell M Storay	.do	100
854	uo	Madison Bentley	do	970
855	do	C A Ruckmich	do	130
856	do	A H Sutherland	do	150
657	do	S. J. Buck A. C. Cole. Frederick Duncalf E. B. Greene L. M. Larson A. H. Lybyer W. S. Robertson Josephine E. Burns E. W. Chittenden W. W. Denton C. M. Hebbert A. J. Kempner S. A. Rowland Geo. Rutledge G. W. Smith E. B. Stouffer G. E. Wahlin H. C. Zeis J. H. Beard W. E. Burge Alma J. Neill B. H. Bode A. H. Daniels Queen L. Shepherd D. L. Geyer W. F. Dodd J. W. Farner A. C. Hanford, J. M. Mathews Russell M. Storey Madison Bentley C. A. Ruckmich A. H. Sutherland T. J. Vance Louis Allen J. B. Beck D. H. Carnahan C. J. Vance Louis Allen J. D. Fitz Gerald II O. H. Moore T. E. Oliver J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour J. R. Seymour	do	90
650	do	Louis Allen	do	45
850	do	I R Reck	do	166
860	do	D. H. Carnahan	do	119
861	do	Charles Carry	do	110
869	do	Joseph Eppels	do	90
663	do	I. D. FitzGerald II	do	225
iges	do	O. H. Moore	do	333 110 50 191 333 50 150 270 130 90 45 166 112 112 110 90 225 120 80
665	do.	T. E. Oliver	do	250
666	do.	I. R. Shulters	do	-80
000	40	A R Saymour	do	191

Vo.	Date.	To whom.  T. G. Wesenberg. E. C. Hayes. A. J. Todd. H. E. Chenoweth. Margaret V. Cobb E. C. Faust. Bessie R. Green F. B. Hanson. H. V. Heimburger. Gertrude Johnson. H. G. May. R. H. Linkins. Frank Smitth H. W. Stunkard H. J. Van Cleave. H. B. Ward. Grace E. Wells. David Kinley. A. B. Wright. Yetta Shettel Louise Austin. Paul Bayley. Lillian Blaney. A. R. Brandner. Lois A. Browne. Helen Clark. Lois M. Coultas. Helen Clark. Lois M. Coultas. Helen I. Cushing. Ida B. Dewey L. N. Fisher. Phillip Garman. Aloa A. Haskett. A. O. Heck. Nelle L. Ingels. Jessie J. Kile. C. K. Knight. Viola E. Knoche B. F. Lamb. C. W. Lantz. Mathew Lawrence Warren Lincoln. E. L. McKenna. Howard Mathews. Lois M. Miles. Jessie F. Miller D. F. Pasmore. Karr Parker. N. L. Partridge. P. A. Paulson. S. H. Ray. H. P. Reeves. O. P. Schinnerer W. A. Shewhart. Thekla M. Siebens W. S. Sullivan. Margaret K. Theilen Edna A. Thoreen. Mabel E. Thorne A. S. Wilber. W. W. Sullivan. Margaret K. Theilen Edna A. Thoreen. Mabel E. Thorne A. S. Wilber. W. H. Sullivan. Margaret K. Theilen Edna A. Thoreen. Mabel E. Thorne A. S. Wilber. W. H. Sullivan. Margaret K. Theilen Edna A. Thoreen. Mabel E. Thorne A. S. Wilber. W. H. Sullivan. Margaret K. Theilen Edna A. Thoreen. Mabel E. Thorne A. S. Wilber. W. H. Wilson. H. C. Wolf. W. S. Wolfe. R. W. Brown W. S. Wolfe. R. W. Brown W. S. Wolfe. R. W. Brown W. S. Wolfe. R. W. Brown W. F. Claroll, J. L. Conel S. P. Farwell S. B. Fracker Elizabeth M. Gittins, J. E. Carbl, J. L. Conel S. P. Farwell S. B. Fracker Elizabeth M. Gittins, J. E. Chircher L. W. Holley. J. H. Conel S. P. A. L. Hellen L. C. H. Hellen L. D. F. A. T. Heinbere. J. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Chircher L. A. Leinber L. A. Leinber L. A. Leinber L. A. Leinber L. A. Leinber L. Leinber L. A. Leinber L. Leinber L. Leinber L. A. Leinber	For what.	Amou
	1914.			
0669	June 18	T. G. Wesenberg	Salary, June, 1914	\$ 90
0670	do	E. C. Hayes	do	275 141
0071	ao	H. F. Chanawath	do	30
0673	do	Margaret V. Cobb	do	30
0674	do	E C Fanet	do	30 60
0675	do	Bassia R. Grean	do	60
0676	do	F. B. Hanson	do	60
0677	do	H. V. Heimburger	do	60 40
0678	do	Gertrude Johnson	do	40
0679	do	H. G. May	do	30
0680	do	R. H. Linkins	do	250 30 120
0681	do	Frank Smith	do	250
0682	do	H. W. Stunkard	do	30
0683	do	H. J. Van Cleave	do	120
0684	do	H. B. Ward	do	416 30 583
0885	do	Grace E. Wells	do	30
0586	do	David Kinley	do	583
0087	ao	A. B. Wright	do	50
0000	do	T cuice A custin	Coh elementin Trans 1014	100
UUOY NGON	uo	Poul Rayloy	ocnorarship, June, 1914	25 25 25 25 25 25 25 25 25 25
00 <del>0</del> 0	uo	Lillian Blanav	do	25
0699	do	A.R. Brandner	do	95
0693	do	Lois A. Browne	do	25
694	do	Helen Clark	do	2.5
695	do	Lois M. Coultas	.do	25
696	do	Helen I, Cushing.	do	25
697	do	Ida B. Dewey	do	25
698	do	L. N. Fisher	do	25 25
)699	do	Philip Garman	do	25
0700	do	Aloa A. Haskett	do	25 25
)701	do	A. O. Heck	do	25
)702	do	Nelle L. Ingels	do	25
)703	do	Jessie J. Kile	do	25
)704	do	C. K. Knight	do	25
)/05	do	Viola E. Knoche	do	25
7705	do	B. F. Lamb	do	25 25 25 25 25 25 25 25 25 25 25 25
700	ao	Mothew Terrence	09	20
7700	do	Warren Lincoln	do	25
710	do	E. L. McKenna	do	25
7711	do	Howard Mathews	do	25 25 25 25 25
7712	do	Lois M. Miles	do	25
713	do	Jessie F. Miller	.do	25
)714	do	D. F. Pasmore	do	25 25
715	do	Karr Parker	do	25
)716	do	N. L. Partridge	do	25
)717	do	P. A. Paulson	do	25
)718	do	S. H. Ray	do	25
719	do	H. P. Reeves	do	25
720	do	O. P. Schinnerer	ao	25
721	do	W. A. Shewhart	do	25
722	do	Thekia M. Siebens		25
1/23	do	W. E. Stevens		25 25
705	oo	W W Sullivan	do	25
728	uu	Margaret K Theilen	do	25 25
727	o	Edna A Thorean	do	20 95
728	0.0	Mahel E. Thorne	do	25 25
729	do	A. S. Wilber	_do	25
730	do	W. H. Wilson.:	do	25 25
731	do	H. C. Wolf	do	25
732	do	W. S. Wolfe	do	25
733	do	R. W. Brown	do	35
734	do	W. E. Carroll	Fellowship, June, 1914	25 35 40
735	do	F. E. Clark	do	35
736	do	J. L. Conel	do	35
737	ao	S. P. Farwell		40
738	ao	Discharle M. Citting		35
739	op	Elizabeth M. Gittins		30
740	oo	J. E. GUIDETIEL		40
7740	op	U. E. Harder		30
742	00	C. F. Heller	uv	40 25
1743	op	U. E. HOHey	do.	35 40 35 30 40 30 40 35 30 40 40
7745	0	E. C. Helisy C. E. Holley J. W. Howard Morris Johnson E. A. T. Kircher P. A. Lehenbauer	do	30
7/40	uv	E A T Kircher	do	40 40

# UNIVERSITY OF ILLINOIS. GENERAL UNIVERSITY VOUCHERS—Continued.

Vо.	Date.	To whom.	For what.	Amo
	1914.	H. H. McGregor Wallace Macfarlane. L. C. Mathewson E. B. Millard J. E. Miller A. F. Peine F. A. Russell Minnie E. Watson Quincy Wright F. A. Wyatt J. H. Belt H. F. Hadley Rudolph McDermet G. A. Maney Julian Montgomery M. L. Nebel R. B. Pogue H. R. Thomas W. J. Wohlenberg Ethel Bond Florence R. Curtis E. J. Reece. Frances Simpson A. A. Harding Florence M. Kirkup C. H. Mills F. W. Mornby		
0748	June 18	H. H. McGregor	Fellowship, June, 1914	\$ 3
0749	do	Wallace Macfarlane	do	a
J750	do	L. C. Mathewson	do	3
0759	do	E. B. Millard	do	4
0752	do	A F Paina	do	200000000000000000000000000000000000000
754	do	F A Procedi	do	0
0755	do	Minnie E. Watson	do	3
0756	do	Quincy Wright	do	l ä
0757	do	F. A. Wyatt	do	š
0758	do	J. H. Belt	Salary, June, 1914	5
)759	do	H. F. Hadley	do	5555
0760	do	Rudolph McDermet	do	5
)761	do	G. A. Maney	do	5
7762	ao	Julian Montgomery		1 5
7764	do	D. D. Domes		5
7765		II. D. Thomas	do	5 5
766	do	W T Wohlenberg	do	2
767	do	Ethel Rond	do	
768	do	Florence R. Curtis	do	13 13
769	do	E. J. Reece	do	13
770	do	Frances Simpson	do	16
771	do	A. A. Harding	do	16 18 10 22 177 17 18 10 16 16 16 12 10 10 10 13 13
0771 0772 0773	do	Florence M. Kirkup C. H. Mills E. W. Morphy H. D. Nasmyth G. F. Schwartz Anna Simon Constance Barlow-Smith L. L. Townsend Edna A. Treat H. J. Van den Berg H. W. Colson A. H. Clark W. B. Day B. L. Eicher E. N. Gathercoal C. M. Snow Edward Bartow A. M. Bennett	do	10
773	do	C. H. Mills	do	22
774 775 776 777	do	E. W. Morphy	do	17
775	do	H. D. Nasmyth	do	17
776	do	G. F. Schwartz	do	18
)777	do	Anna Simon	do	10
778	do	Constance Barlow-Smith	do	16
779 780	do	L. L. Townsend	do	12
780	do	Edna A. Treat	do	10
781	do	H. J. Van den Berg	do	18
)782 )783	do	H. W. COISOIL	•••d0••••••	10
7794		W P Dov	do	10
)784 )785	uo	R I. Eichar	do	10
1786	do	E N Gathercoal	do	13
)786 )787 )788	do	C. M. Snow	. do	15
7788	do	Edward Bartow	do	33
0789	do	A. M. Bennett	do	33 7 9 6 7 7 7 7
0790	do	H. F. Ferguson	do	9
0791	do	W. W. Hanford	do	6
0792	do	M. E. Hinds	do	7
0793	do	H. L. Heunink	do	7
)794	do	F. W. Mohlman	do	7
795	do	J. F. Schnellbach	do	1 7
790	do	M. C. Sjodiom		1 7
700	do	F. W. Tanner	do	50 19
700		Eugene Davenport	do	10
1199	ao	T T Cheekley	do	8
801	do	Anoneta D Evans	do	6
802	do	R. E. Hieronymus	-do	12 16
803	do	A. W. Jamison	do	Îñ
804	do	W. P. Miller	do	4
805	do	A. W. Nolan	do	20 29
806	do	F. H. Rankin	do	29
807	do	F. C. Bauer	do	13
808	do	W. L. Burlison	do	11 13
809	do	I. W. Dickerson	do	13
810	do	E. T. Ebersol	do	13 10 20 17
811	do	K. J. T. Eckblaw	ao	13
512	do	F. A. Fisher	00	10
014	do	U. D. FISHET	00	20
215	ao	E. N. Gathercoal C. M. Snow Edward Bartow A. M. Bennett H. F. Ferguson W. W. Hanford M. E. Hinds H. L. Heunink F. W. Mohlman J. F. Schnellbach M. C. Sjoblom F. W. Tanner Eugene Davenport B. E. Powell J. H. Checkley Augusta D. Evans R. E. Hieronymus A. W. Jamison W. P. Miller A. W. Nolan F. H. Rankin F. C. Bauer W. L. Burlison I. W. Dickerson E. T. Ebersol K. J. T. Eckblaw F. A. Fisher O. S. Fisher A. F. G. Bauer M. E. Jahr J. G. Mosier Percy Ash C. R. Clark L. H. Provine N. C. Ricker I. O. Baker N. C. Bicker I. O. Baker N. B. Garver A. B. McDaniel J. E. Smith W. M. Wilson	do	17
818	uo	M F John	do	25 14 24 20
817		T G Mocian	uo	24
818	do	Parent Ach	do	24
819	do	C R Clark	do	16
820	do	L. H. Provine	do	29
821	do	N. C. Ricker	do	29
822	do	I. O. Baker	do	29 33
823	do	N. B. Garver	00	14
824	do	A. B. McDaniel	_do	22 15 18
825	do	J. E. Smith	do	15
		· · · · · · · · · · · · · · · · · · ·	32	10

No.	Date.	To whom.	For what.	Amou
	1914.			
0827	June 18	P. S. Biegler Morgan Brooks.	Salary, June, 1914	\$166
828	do	Morgan Brooks	do	250
)829	do	J. M. Bryant	do	229
1830	do	1. W. Fisk	do	133 133 150
1991	do	L. V. James	00	156
1002	00	C A Coodeneyah	do	201
1834	do	T. A Harding	do	291 291
1835	do	O A Lautwilar	do	241 80 200
1836	do	P I Rehman	do	80
0837	do	A. C. Willard	do	200
0838	do	M. L Enger	do	187
0839	do	V. R. Fleming	do	150
0840	do	A. P. Carman	do	416 233
0841	do	C. T. Knipp	ido	233
0842	do	Jacob Kunz	do	208 229
0843	do	F. R. Watson	do	229
0844	do	E. H. Williams	do	141 183
0845	do	W. F. Schulz	do	183
0746	do	A. M. Buck	do	150
0847	do	A. F. Comstock	do	166 333
0848	do	E. C. Schmidt	do	333
3849	do	P. S. Biegler Morgan Brooks J. M. Bryant I. W. Fisk L. V. James J. A. Dent G. A. Goodenough L. A. Harding O. A. Leutwiler P. J. Rebman A. C. Willard M. L. Enger V. R. Fleming A. P. Carman C. T. Knipp Jacob Kunz F. R. Watson E. H. Williams W. F. Schulz A. M. Buck A. F. Comstock E. C. Schmidt Otto Rahn C. T. Hottes William Trelease C. W. Balke C. G. Derick S. W. Parr S. M. Smith E. W. Washburn E. W. Washburn E. W. Washburn E. W. Washburn E. W. Wesen	do	225 250
0850	do	C. F. Hottes	do	250
)851	do	William Trelease	do	416 250
0852	do	C. W. Balke	do	250
)853	do	C. G. Derick	do	166 333
)854	do	S. W. Parr	do	333
J855	do	S. W. Parr G. M. Smith E. W. Washburn H. C. P. Weber J. W. Folsom A. D. MacGillivary W. S. Bayley C. W. Rolfe T. E. Savage R. L. Borger A. R. Crathorne. Arnold Emch E. B. Lytle G. A. Miller H. L. Rietz J. B. Shaw C. H. Sisam E. J. Townsend C. C. Adams J. S. Kingsley Chas Zeleny F. M. Porter David Wilkins E. Grove Lon Creiger	do	166
1856	do	E. W. Washburn	do	291
1857	do	H. C. P. Weber	do	166 208 250 250
1858	do	J. W. Folsom	do	208
859	do	A. D. MacGunvary	do	250
1860	do	W.S. Bayley	ao	250
1980	do	C. W. Rolle	do	250
1802	ao	T. E. Savage		208 125
1803	ao	K. L. Borger		120
1804	ao	A. R. Cratnorne.	00	166
1800		Arnoid Emen	00	187 150 291
1800		C. A. Willow	d0	100
1000		T T Diota	do	158
าอยอ	uo	T R Show	do	229
1870	uo	C H Sicom	do	183
1871	do	E I Townsend	do	333
1872	do	C. C. Adams	do	333 137
1873	do	I S Kingsley	do	29
1874	do	Chas Zeleny	do	291 249
1875	do	F M Porter	Lettering diplomas	387
3876	do	David Wilkins	Dairy products furnished depart-	]
, ,		24114 (12114	ment of dairy husbandry	
1877	do	E. Grove	do	1
)878 l	do	Lou Creiger	do	8
0879	do	Geo. Schiff	do	1 8
0880	do	David Wilkins  E. Grove  Lou Creiger Geo. Schiff.  J. E. Henderson. Fred Thompson.  O. A. McInnes.  R. S. McInnes.  M. Hudson.  James Hammack  O. W. Hampton.  H. M. Corray.  E. M. Snyder.  J. W. Rayburn.  C. C. Rayburn.  H. C. Kaufman.  D. B. White.  W. J. Wilson.  Daniel Hahn.  R. H. Brewer.	do.,	1
881	do	Fred Thompson	do	1
882	do	O. A. McInnes	do	8
)883	do	R. S. McInnes	do	]
0884	do	M. Hudson	do	1 8
1885	do	James Hammack	do	1 8
1886	do	O. W. Hampton	do	] 2
J887	do	H. M. Corray	ao	1
1888	do	E.M. Snyder	ao	}
1889	do	J. W. Kayburn	ao	1 2
1880	ao	U. C. Rayburn	00	1
1687	ao	H. U. Kauiman		100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M 100 M
J892	ao	D. B. W nite		3
1999	op	W. J. WIISON		1 2
0894	ob	Daniei Hann	00	3
0895	do	Daniel Hann R. H. Brewer P. J. Wagner J. C. Woodin M. Hahn W. E. Womacks Macy Bros	00	
0890 0805	ao	r. J. wagner	00	5
0897 0000	op	J. U. W 00ain	00	1
0898	do	M. Hann	00	1 5
ux99	ao	W. E. Womacks Macy Bros. H. T. Mapes J. H. Umbanhowar	00	
2000		INITION BYOS	100	, 9
900	do	TT M M	1-	

о.	Date.	To whom.	For what.	Amour
	1914.		,	
903	June 18	J. A. R. Koch	Dairy products furnished department of dairy husbandry	\$ 5
904	do	W. E. Yount	do	\$ 5 6 4
905	do	Van Carter	do	4
1906 1907	do	D. S. Herriott	do	6
1907 1908	do	W E Havar	do	. 3
909	do	Andrew Shields	.do	4
910	do	John Ingleman	do	3
911	do	G. W. VanMeter	do	3
913	do	I. H. Gordon	.do	3
914	do	W. W. Meyer	do	2
1915	do	E. A. Smith	do	3
916 917	do	E. J. Percival	do	$\frac{3}{2}$
918	do	The New York Times Index	Books	8
919	do	Archaeological Institute of America	.do	Ĭ
920	do	Goodspeed's Book Shop	do	6
)921 )922	do	W. E. Yount Van Carter D. S. Herriott F. H. Busey W. E. Heyer Andrew Shields John Ingleman G. W. VanMeter J. A. Daeger I. H. Gordon W. W. Meyer E. A. Smith E. J. Percival W. C. Welch The New York Times Index Archaeological Institute of America. Goodspeed's Book Shop Lee Liepmannssohn Jules Rousset R. C. Adams & Co. William J. Gerhard The Newarker Graham R. Taylor		135 205
1922 19 <b>2</b> 3	do	R. C. Adams & Co.	_do	203
924	do	William J. Gerhard	do	35
925	do	The Newarker	Magazine	1
$\frac{926}{927}$	do	William Tralage	Laboratory supplies	9
1927 1928	do	Hecla-Winslow Co.	General supplies	107
929	do June 19	A. W. Stoolman	General labor	33
りひろい	June 19	R. C. Adams & Co. William J. Gerhard The Newarker Graham R. Taylor William Trelease Hecla-Winslow Co. A. W. Stoolman James Freeman  Frank Kuder Ed. Householder S. T. Carter E. L. Martin J. E. Esworthy C. Ross B. Jordan T. F. Jordan E. L. Price Thos. M. Guynn J. A. Morgan Robt. Childers Herman Denhort J. J. Cender Wm. Leischner H. F. Ridgeley Frank Menser R. S. McNeith J. C. Shrock F. Bernach	Dairy products furnished department of dairy husbandry	5
)931	do	Frank Kuder	do	3 4 4 3 6
1932 1933	do	S. T. Carter	do	4
934	do	E. L. Martin	do	ı ŝ
935	do	J. E. Esworthy	do	6
)936	do	C. Ross	do	4
193 <i>1</i> 1938	do	T. F. Jordan	do	7
939	do	E. L. Price	do	4
0940	do	Thos. M. Guynn	do	4
)941 \049	do	J. A. Morgan	do	4 2
1943	do	Herman Denhort	do	2
)944	.do	J. J. Cender	do	2 4 4 2 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2
0945	do	Wm. Leischner	. do	4
1940 1047	do	Fronk Mangar		2
)948	do	R. S. McNeith	do	3
949	do	J. C. Shrock	do	3
950	do	A. E. Burwash		3
1951 1952	do	E. V. Percival	do	3
0953	do	W. H. Gray	do	2
954	do	H. I. Carpenter	Tuning piano	2
)955	do	Frank Meinser R. S. McNeith J. C. Shrock A. E. Burwash E. F. Lyons E. V. Percival W. H. Gray H. I. Carpenter The American Baptist Home Mission Society O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar C. W. Warriner J. C. Sharp O. E. Staples, Bursar A. C. McClurg & Co G. E. Stechert & Co Hoagland Taxicab Co W. C. Rappleye Kcuffel & Esser Co. of New York Grant Carpenter	l Books	.
1956	do	O. E. Staples, Bursar	General labor	19
957	do	O. E. Staples, Bursar	Student labor	34 32
958	do	O. E. Staples, Bursar	do	32
)959 10 <i>20</i>	do	U. W. Warriner	Clerical work	60
,500 1961	do	O. E. Staples, Bursar	Rebates to students	23 17 22 157
962	do	A. C. McClurg & Co.	Books	22
963	do	G. E. Stechert & Co.	do	157
วย64 าดค≍	00	W C Rappleve	Student essistance	24
კაიი ემჩჩ	June 22	Keuffel & Esser Co. of New York	Laboratory apparatus	3
0967	do	Grant Carpenter	Traveling expenses	3
Jyos	do	Grant Carpenter Chas. C. Adams H. Y. Carson. T. D. Shonts	Books. do Traveling expenses. Student assistance. Laboratory apparatus. Traveling expenses do Boxing typewriter. Loan	4
0969	do	H. Y. Carson.	Boxing typewriterLoan	100
0971 0971	do	T. H. Craig	Medals	20
0972	do	H. Graig W. J. Smith W. R. Bradley & Co. C. C. Gordon	Installing lantern	. 1
097	3 do	W. R. Bradley & Co	Frappe	22
				۱ .
				2 2
097	do	O. A. McInnes R. S. McInnes K. E. Henderson	do	.  2
ילימ	7 40	K. E. Henderson	do	. 1

To.	Date.	To whom.	For what.	Amour
	1914.	T. P. Lyons.  Lou Creiger E. Groves P. P. Dunn. David Wilkins James Hammack W. J. Wilson E. M. Frankenburg F. P. Dalbey T. M. Ghere. Wm. Van Buskirk W. E. Womachs Lon Libka J. B. Marsh John Rueb Edgar Gingerich D. S. Herriott C. A. Fogel E. W. Smalley F. Stadden J. B. Skinner J. A. R. Koch J. D. Pulliam R. P. Hayes Fred Eliott G. O. McMorris Wm. Case C. W. Pfeister G. W. Van Meter F. H. Busey S. Lee Cox I. H. Gordon C. J. Von Holten E. J. Percival W. C. Welch The Wabash R. R. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. Illinois Central R. R. Co. The Wabash R. R. C., C., C. & St. L. Ry. Co. L. E. Knorr Wm. A. Albrecht A. O. Magnuson C. R. Sinclair J. K. Tuthill R. E. Mueller T. E. Layng C. R. Newell H. E. Babbitt G. C. Roberts John Englehardt		
0978	June 22	T. P. Lyons	Dairy products furnished department of dairy husbandry	
1979	0.5	Lou Creiger	ment of dairy husbandry	\$ 3 1 3
0880	do	E. Groves	.do	1 3 3
0981	do	P. P. Dunn	do	3
J982	do	David Wilkins	do	2 2
0984	do	W. J. Wilson	do	ĺ í
0985	do	E. M. Frankenburg	.do	1 1 1
0986	do	F. P. Dalbey	do	1 4
098 <i>1</i> 0988	ao	Wm Van Ruskirk	d0	2
0989	do	W. E. Womachs	.do	1 2
0990	do	Lon Libka	do	2
บออง บออง	do	J. B. Marsh	do	3
0992	do	Edgar Gingerich	do	3
0994	do	D. S. Herriott	.do	3
0995	do	C. A. Fogel	do	2
UYYU NGG7	do	E. W. Smalley	do	1 2
0998	do	J. B. Skinner	do	3
0999	do	J. A. R. Koch	do	4
1000 1001	do	J. D. Pulliam	do	3 1 4 2 1 5 3
1002	do	Fred Elliott	do	4
1003	do	G. O. McMorris.	do	2
1004	do	Wm. Case	do	1
1005	do	C. W. Pieister	do	5
1007	, .do	F. H. Busev	do	ĭ
1,008	do	S. Lee Cox	do	3
1009	do	I. H. Gordon	do	3 4
1011	do	F T Porcival	do	3
1012	do	W. C. Welch	do	2
1013	June 23	The Wabash R. R.	Freight	58
1014	do	C., C., C. & St. L. Ry. Co	do	2
1016	do	Illinois Central R. R. Co	do	164
1017	do	The Wabash R. R.	do	242
1018	do	Illinois Traction System	do	47 147
1020	do	L. E. Knorr	Traveling avnerge	111
1021	do	Wm. A. Albrecht.	Laboratory assistance	11 73 80
1022	do	A. O. Magnuson	Wages, June, 1914	80
1023	]do	C. R. Sinclair	do	65 34
1025	do	R. E. Mueller	do	60 37 37
1026	do	T. E. Layng	do	60
1027	( do	C. R. Newell	do	37
1028 1020	do	H. E. Babbitt	Dairy products furnished deport	31
1020	June 24	d. O. 110001 ts	ment of dairy husbandry	
1030	do	John Englehardt	do. Dairy products furnished depart ment of dairy husbandrydo.	29
1031 1031	do	Geo. Taylor	. do	
1033	do	Wm. Leischner	do	
1034	do	S. T. Carter	do	8
1035	do	R. H. McAlister	do	1 3
103° 103¢	7ao	W D Rohl	do	
1038	3do	Frank Kuder	do	
1039	do	John Ridgley	do	.  - 2
104	do	U. G. Patterson	do	
1045	do	H. I. Nelson	do	
1043	3do	A. R. Grindley	do	[]
1044	4do	Andrew Shields	do	-
104	do	J. D. Pernam W E Hever	. aodo	
104	7 . do	H. F. Ridgelev	do	200
1048	8do	Harvey Ray	do	.] 3
1049	9do	J. H. Rutan.	do	
1105	0	G. C. Roberts  John Englehardt Geo. Taylor  John Rueb  Wm. Leischner S. T. Carter R. H. McAlister L. F. Bialeschski W. D. Rohl Frank Kuder John Ridgley C. G. Patterson J. P. Dickson H. I. Nelson A. R. Grindley Andrew Shields J. D. Perham W. E. Heyer H. F. Ridgeley Harvey Ray J. H. Rutan Guy Hobick S. G. Richards Andrew Ekblaw B. Jordan C. Rosss		1 :
105	2do	Andrew Ekblaw	do	
1105	3do	B. Jordan	. do	
1105	4) do	IC. Ross	.   do	.1

To.	Date.	To whom.	For what.	Amour
	1914.			
1055	June 24	T. F. Jordan. W. H. Gray J. B. Andrews. Fred Blackburn. O. F. Foster. F. W. Leggett W. J. Hampton Fred Pine. W. J. Engle. H. E. Crouch John Palfrey H. A. Cate. H. C. Lawson Earl Garver. Chris C. Jensen M. R. Carlson I. Paley G. W. Beardsley C. F. Goodman C. G. Cox H. E. Codlin Frank Leggitt W. E. Johns I. F. Burdick Florence Keller R. C. Glover J. C. Anderson	Dairy products furnished department of dairy husbandry	\$ 7
1056	do	W. H. Gray	do	\$ 7 2
1057	do	J. B. Andrews	Wages, June, 1914	50
1059	do	O. F. Foster	do	50 70
1060	do	F. W. Leggett	do	36
1061 1062	do	W. J. Hampton	do	75 75
1063	do	W. J. Engle.	.do	70
1064	do	H. E. Crouch	do	70 115
LUGÐ INRR	do	John Palirey	do	75 70
1067	do	H. C. Lawson	.do.	60
1068	do	Earl Garver	do	65
LU69 LO70	do	Chris C. Jensen	do	55 60
1071	do	I. Palev	_do	55
1072	do	G. W. Beardsley	do	60
LU73 IN74	do	C. F. Goodman	do	60 60
1075	do	H. E. Codlin	do	24
1076	do	Frank Leggitt	do	18
1077 1078	do	W. E. Johns	do	37
079	do	Florence Keller	.do	85 60
080	do	R. C. Glover	do	66
180	do	J. C. Anderson	do	70
1083	do	F. M. Colcord	_do	16 17
.084	do	I. F. Burdick Florence Keller R. C. Glover J. C. Anderson G. S. Beaumont F. M. Colcord H. A. deWerff R. S. Dunham C. E. Glick G. M. Grantham C. T. Hufford R. C. Richey G. L. Rigg J. F. Romine T. R. Shiveley Douglas Wright, Jr W. L. Bennett B. H. Dunlap L. A. Hunter Robert W. Stark T. W. Dieckmann Chas. A. Campbell C. C. Chapman John Lankford Alice Reed Flora M. Sims	do	60
1085 1086	do	R. S. Dunham	do	38
.087	do	G. M. Grantham	do	38 32 40
.088	do	C. T. Hufford	do	45
089	do	R. C. Richey	do	15 23 31
L090 L091	do	J. F. Romine	do	31
1092	do	T. R. Shiveley	d9	15 45
1093	do	Douglas Wright, Jr	do	45 70
1094	do	B. H. Dunlan	do	60
1096	do	L. A. Hunter	do	75 100
1097	do	Robert W. Stark	do	100 65
1099	do	Chas. A. Camphell	do	65
100	do	C. C. Chapman	do	65 100 60
1101	do	John Lankford	do	60
102	do	Flora M. Sims	do	55 83
104	do	L. E. Minnis.	do	83 10
105	do	Andrew Tornquist	do	75
107	do	S. J. Farlow	do	25 15
<b>1</b> 08	do	E. F. Adams	do	10 25
109	do	John Lankford Alice Reed Flora M. Sims L. E. Minnis Andrew Tornquist M. S. Fallis S. J. Farlow E. F. Adams H. G. Sprague W. I. Kirby W. A. Breining C. B. Anthony Senate Luncheon Committee W. J. Smith K. C. Babock N. W. Hepburn Chas. M. Stuart Florence E. Watson Mrs. Ellen M. Henrotin	Prize	25
111	do	W. A. Breining	_do	15 5
$\tilde{1}\tilde{1}\tilde{2}$	do	C. B. Anthony	do	5 5 22
113	do	Senate Luncheon Committee	Tickets	22
$\frac{114}{115}$	do	K. C. Babock	Traveling expenses	20
116	do	N. W. Hepburn	do	54
117	do	Chas. M. Stuart	Traveling expenses and honorar-	110
118	do	Florence E. Watson	Traveling expenses.	110 37
119	do	Mrs. Ellen M. Henrotin	do	11
120	do	Florence E. Watson. Mrs. Ellen M. Henrotin Chas. M. Webber, Postmaster. Geo. Huff. M. H. Campbell Frank Leggitt James Prim Mrs. A. S. Hallquest. C. P. Barkman. A. Bagusin	Money advanced on postage	50
$121 \\ 122$	do	M. H. Campbell	Wages, June, 1914	50 440 36
123	do	Frank Leggitt	do	14
1124	do	James Prim	do	20
1126	ao	C. P. Barkman	do	20 21 27
1127	do	A. Bagusin	do	30
1128	do	C. P. Barkman. A. Bagusin. C. S. Fernandez. J. E. Henderson. Fred Thompson.	Doing products furnished depart	16
1129	June 25	J. E. Heliderson	ment of dairy husbandry	1
	مة اد	Fred Thompson	.do	Î

1131			For what.	Amou
1131	1914.	E. Grove.  Lou Creiger H. J. Hammack M. Hudson C. C. Gordon O. A. McInnes R. S. McInnes O. W. Hampton Geo. Schiff John Englehardt H. M. Corray David Wilkins J. C. Shrock E. W. Smalley G. W. Van Meter Andrew Shields Thos. Quinn John Ingleman O. A. Foster J. J. Cender A. W. McJilton L. B. Holtapp Daniel Hahn F. W. Howell Nicholas Hahn J. A. R. Koch P. J. Wagner D. B. White W. E. Yount W. J. Wilson R. L. Meyers H. C. Kaufman D. S. Herriott R. H. Brewer H. C. Kaufman D. S. Herriott R. H. Brewer Lon Libka		
1132	June 25	E. Grove	Dairy products furnished depart-	_
	3	T are Chairman	ment of dairy husbandry	\$ 3
122		Lou Creiger		3
134	do	M Hudson	do	3
135	do	C. C. Gordon	do	
136	do	O. A. McInnes	.do	9
137	do	R. S. McInnes	.do	3
138	do	O. W. Hampton	do	3
139	do	Geo. Schiff	do	
140	do	John Englehardt	do	13
141	do	H. M. Corray	do	
142	do	David Wilkins	00	
144	do	E W Smellow	do	13
145	do	G W Van Meter	do	1 7
146	do	Andrew Shields	do	
147	. do	Thos. Quinn	.do	1
148	do	John Ingleman	do	
149	do	O. A. Foster	do	
.150	do	J. J. Cender	do	
151	do	A. W. McJilton	do	
1152	do	L. B. Holtapp	do	) ;
154	do	Daniei Hann		
155 771	do	Nicholas Hahn	uo	
156 151		T A R Koch	do	
157	do	P. I. Wagner	do	'
158	do	D. B. White	_ do	'
159	do	W. E. Yount	do	
160	- do	W. J. Wilson	do	
161	do	R. L. Meyers.	do	
162	do	H C. Kaufman	do	
163	do	D. S. Herriott	do	
164	do	R. H. Brewer	do	:
165	do	Lon Libka	do	
166	do	Frank Alsip	do	
101	do	A. W. Williams	do	
160	oo	T. T. Timbonhowen	0.00	
170	do	II T Manag	do	
171	do	Van Carter	do	
172	do	R. H. Brewer Lon Libka Frank Alsip A. W. Williams C. A. Fogel J. H. Umbanhowar H. T. Mapes Van Carter Z. Alsip F. Stadden F. F. H. Busey	.do	
173	do	F. Stadden	.do	
174	do	F. H. Busey	do	
.175	do	W. A. Ashworth	do	:
176	do	J. W. Rayburn	do	
177	do	C. C. Rayburn	do	
178	do	A. E. Burwash	<u>do</u>	1 :
179	do	I. H. Gordon	00	
100		F T Descripted	do	
182	do	H Giltner	do	
183	do	F. Stadden F. H. Busey. W. A. Ashworth J. W. Rayburn C. C. Rayburn A. E. Burwash I. H. Gordon I. W. Maxwell E. J. Percival H. Giltner E. A. Smith W. C. Welch C. D. Cazenove & Son Thos. Nelson & Sons Gustav Fock Geo. Harding John Davis	_do	
184	do	W. C. Welch	do	
185	do	C. D. Cazenove & Son	Books	3
.186	do	Thos. Nelson & Sons	do	3
187	do	Gustav Fock	do	
188	do	Geo. Harding	ao	16
189	do	Geo. Harding John Davis. B. H. Blackwell The Times Book Club Francis Edwards John Grant Paul Gottschalk G. E. Stechert & Co.	do	
101	do	D. H. Blackwell	do	2
100	do	Froncis Edwords	do	3
102	do	Tohn Grant	do	1
194	do	Paul Gottschalk	do	1
	do	G. E. Stechert & Co	do	11
196	do	Otto Lange	do	îî
197	do	Pickering & Chatto	do	35
197 198	do	Max Weg	do	35 18
199	do	Oswald Weigel	do	1,44
200	do	Otto Harrassowitz	do	1,44 8 2
1201	do	O. M. McGhee	Wages, June, 1914	2
$\frac{1202}{1203}$	do	P. H. Van Winkle	do	3
1203	do	David Kinley	Traveling expenses	3
1204	ao	L. H. Provine	do	10
1205	do	G. E. Stechert & Co Otto Lange. Pickering & Chatto. Max Weg. Oswald Weigel. Otto Harrassowitz O. M. McGhee. P. H. Van Winkle David Kinley. L. H. Provine. J. G. Mosier. O. M. Allyn. Augusta Krieger. F. M. Wascher	do	1:
נ200 לי20	do	Augusta Krieger	do	1:
1200	do	F M Wascher	do	1 3

To.	Date.	To whom.  F. A. Fisher. H. C. Wheeler S. V. Holt. R. W. Dickenson W. R. Schoonover E. E. Hoskins Harrison Fahrnkopf Harry C. Gilkerson O. S. Fisher Alfred Dartt. William Powell J. W. Smith. Statute Law Book Co. Geo. I. Jones Eugene Dietzgen Co. Ansoo Co. International Instrument Co. James G. Biddle. Wm. Gaertner & Co. Westen Electrical Ins. Co. Gregory Electric Co. Sanford E. Thompson. Crouse-Hinds Co. Morrill & Morley Mig. Co. Chas. H. Besly & Co. E. H. Sargent & Co. General Electric Co. The Burr Co. H. G. Miller. Felt & Tarrant Mig. Co. Woldenberg & Schaar J. W. Buttler Paper Co. University of Illinois Supply Store. Isabella Austin. Western Electric Co. The University Press P. S. Campbell. Illinois State Reformatory. Osgood Co. National Engraving Co. MoGraw-Hill Book Co. H. W. Johns-Manville Co. Central Electric Co. The Frederick Post Co. Indianapolis Blue Print & Supply Co. Eisner Grocery Co. Chaidnappolis Blue Print & Supply Co. Eisner Grocery Co. Twin City Creamery Co. Chicago Engineer Supply Co. Geo. Strode. R. C. Wagner & Son Folmer & Schwing Division, Eastman Kodak Co. The John R. Kehm Co. John T. Quirk Walker & Mulliken Peck & Hills Furniture Co Indianapolis Richer Co. Hunter Rourke & Co. School Science & Math The Public School Pub. Co. Warker & Hulls Furniture Co Indian Blanou Knawker & York Walker & Hulls Furniture Co Indian Blanou Knawton & Bennett E. R. Welshly J. A. W. Bird & Co. Munthall Printing House Allison & Hadaway Librar Stureau Gwalter Patent Pulley Co. Medart Patent Pulley Co. Medart Patent Pulley Co.	For what.	Amour
	1914.			
1209	June 25	F. A. Fisher	Traveling expenses	\$ 48
1210	do	H. C. Wheeler	do	50
1211	do	S. V. Holt	do	27 54
1212	do	W. D. Sahoanayar	do	5
1210	do	E E Hoskins	Traveling and field expenses	41 31 19
1214 1915	do	Harrison Fahrnkonf	do-	31
1216	do	Harry C. Gilkerson	do	19
1217	do	O. S. Fisher	Traveling expenses and tiling	90
1218	do	Alfred Dartt	Field expenses	39
1219	do	William Powell	do	36
1220	do	J. W. Smith	do	34
1221	do	Statute Law Book Co	Books	9
1222	do	Eugene Distagen Co	T above to rev appearating	25 75
1223		A nego Co	do	14
1224	do	International Instrument Co	do	11
1220 1226	do	James G. Biddle	-do	14
1227	do	Wm. Gaertner & Co	ão	14 50
1228	do	Westen Electrical Ins. Co	do	62
1229	do	Gregory Electric Co	do	188 42 117
$1\overline{2}\overline{3}\overline{0}$	do	Sanford E. Thompson	do	42
1231	do	Crouse-Hinds Co	do	117
1232	do	Morriii & Morley Mig. Co	do	1
1233	do	Unas. H. Besiy & Co	ao	27 34
1234	00	Conoral Floatric Co	do	27
1235	do	The Burr Co	do	78
1220	do	H G Miller	Office supplies	ľ
1938	do	Felt & Tarrant Mfg. Co.	Comptometer	360
1239	do	Woldenberg & Schaar	Stencils.	i
1240	do	J. W. Butler Paper Co	Envelopes	42 15
1241	do	University of Illinois Supply Store	Folders and tennis balls	15
1242	do	Isabella Austin	Office supplies	2
1243	do	Western Electric Co	Office equipment	66
1244	do	Pantagraph Printing & Stationery Co	Printing	692 12
1245	do	The University Press	do	12
1246	do	P. S. Campbell		5 76
1247		Oggood Co	Printing and publishing	3
1248	40	National Engraving Co	do	1
1950	do	McGraw-Hill Book Co	do	7
1951	do	H. W. Johns-Manville Co	General supplies	1 7
1252	do	Central Electric Co	do	1
1253	do	Lumiere Jougla Co	do	10
1254	do	The Frederick Post Co	do	15
1255	do	Indianapolis Blue Print & Supply Co	do	3
1256	do	Eisner Grocery Co		20
1257	do	Twin City Creamery Co		24
1258	do	Champaign Crosmory Co	do	4
1208 1260	do	Chicago Engineer Supply Co	Emery	i
1261	do	Geo. Strode.	Awnings	16
1269	do	R. C. Wagner & Son	Grading.	104
1263	do	Folmer & Schwing Division, Eastman	1	1
	1	Kodak Co	Ground glass	.   2
1264	do	The John R. Kehm Co	General labor	27 27 3
1265	do	John T. Quirk	Paper cups	1 .8
1266	do	Walker Venicle Co	Jars for fire wagon	12
1267	do	School Science & Moth	A dvartising	19
1208 1960	do	The Public-School Pub Co	do.	19
1970	do	Warwick & York		20
$\tilde{1}\tilde{2}7\tilde{1}$	do	Walker & Mulliken	Burlap	~ è
1279	do	Peck & Hills Furniture Co	Furniture	.  4
1273	do	Indian Refining Co	Cylinder oil	18 219
1274	do	S. E. Dillavou	Farm machinery	. 219
1275	do	Knowiton & Bennett	Shellac and alcohol	. 6
1276	do	E. K. Welshiy	Box for storing detonators	5 3
1277	[]do	J. A. W. Bird & Co	L namei	-] 5
1278	gao	Allicon & Hodoway	Decord plotes	1 3
1278	do	Library Burgay	Rooks Plates	96
128(	Jao	Gym Store	Tannie halle	1 5
11281	do	Swartz Electric Shop	Lamp cord	1 5
11992	do	Chas. M. Webber. Postmaster	Postage	140
11284	do	J. E. Wooters	Lecture	39 39 39 140 15
1128	do	Reliable Plumbing & Heating Co.	Plumbing	. 7
11000	do	Medart Patent Pulley Co.	Machine repairs	16

lo.	Date.	To whom.	For what.	Amou
	1914.			
1287	June 25	The C. J. Lundstrom Mfg. Co	Furniture	\$ 11
1288	. do	The Letter Shop	Clerical assistance	5
1289	do	S. E. Huff & Co	Building repairx	2
1290	do	Library of Congress	Catalog cards and reproductons	650
1909 1909	do	Western Valve Co	Plumping	79 249
1292	do	Postal Tolograph & Cable Co	Tolonhone and tolograph	249
1204	do	T W Shalding	Horse shooing	7 12
1295	June 26	The C. J. Lundstrom Mfg. Co. The Letter Shop S. E. Huff & Co. Library of Congress. Western Valve Co. Jas. B. Clow & Sons. Postal Telegraph & Cable Co. J. W. Spalding E. V. Percival  John Englehardt. P. P. Dunn James Freeman F. P. Dalbey H. F. Ridgeley Robt. Childers John Rueb J. D. Perham H. Allison B. Jordan C. Ross. T. F. Jordan C. Ross. T. F. Jordan C. G. Plottner Coon Bros. Macy Bros E. P. Ott. T. M. Ghere. W. E. Womacks J. C. Woodln W. H. Gray Florence Stoutzenberg Mrs. F. E. McClughen J. D. White T. H. Flood & Co Old Book Store International Magazine Co. Mississippi Valley Historical Assn The Carswell Co. C. V. Ritter Goodspeed's Book Shop Frederick Starr Antiquarian Book Store Historical Commission of S. Carolina. Federal Council of the Churches of Chrisi in American A. C. McClurg & Co. G. E. Stechert & Co.	Dairy products furnished depart-	3
1296	do	John Englehardt	do	3 19 2 4 2 2 3 3 4 4 2 2 5 5 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8
1297	do	P. P. Dunn	do	2
1298	do	James Freeman	do	4
1299	do	F. P. Dalbey	do	1 2
1300	do	H. F. Ridgeley	do	1 3
1301	do	Root. Childers	do	1
1002	do	John Rueb	do	1
1200	do	T Allicon	do	1 4
1305	do	B Jordan	do	3
1306	do	C Ross	do	1 2
1307	do	T. F. Jordan	do	1 6
1308	3 do	C. G. Plottner.	do	.) .
1309	do	Coon Bros.	do	.]
1310	do	Macy Bros	do	.}
1311	do	E. P. Ott	do	
1312	do	T. M. Ghere	do	
1313	do	W. E. Womacks	do	- [
1314	do	J. C. Woodin	do	.]
1916	do	W. H. Gray	Woman Turno 1014	
101	gao	Mrs. F. F. McClushen	Conorel Lobor	2
1319	do	I D White	Postaga	33
1310	do	T H Flood & Co	Rooks	19
1320	do	Old Book Store	do	
1321	do	International Magazine Co	. do	
1322	2 do	Mississippi Valley Historical Assn	do	
1323	3do	The Carswell Co	do	
1324	1do	C. V. Ritter	do	. 10
132	do	Goodspeed's Book Shop	do	.  :
1326	3 do	Frederick Starr	. do	1
132	[]do	Antiquarian Book Store	. do	-}
1328	do	Altequarian Book Store Historical Commission of S. Carolina. Federal Council of the Churches of Christ in American A. C. McClurg & Co. G. E. Stechert & Co. B. A. Strauch Standard Oil Co. S. E. Dillavou Frison Bros. J. W. Spalding. W. F. Hardy. Barnhart Bros. Lewis S. Linder F. W. Gault B. S. Pickett Knowlton & Bennett Champaign Seed Co. E. A. Eichorst Frank Zercher E. H. Sargent & Co. Twin City Ice & Cold Storage Co. F. Block Co. Henion & Hubbell Library Bureau Zenner Disinfectant Co. Chas. E. Prentice J. G. Cherry Co. Dominion Chemical Co. Miller Harness Co. Standard Cap & Seal Co. Eberhard Faber Multer Bryant-Pierce Co. Stipes & Hecker Wurttembergische Metallwarenfabrik. Romisch-Germanisches Zentral-Museum P. S. Campbell Natioanl Engraving Co.	t	-
1100/		in American	. do	
1100	do	A. C. McClurg & Co	. 000	- 0
1226	100	R A Strongh	do	6
1339	do	Standard Oil Co	Oil	.  -
133	do	S E Dillavon	Form machinery	a
133	do	Frison Bros	Machine renairs	٠
1336	3 do	J. W. Spalding	Horse shoeing.	11
133	do	W. F. Hardy	Machine repairs	9
1338	3 do	Barnhart Bros	Laboratory supplies	. 7
1339	do	Lewis S. Linder	Wages, June, 1914	. 1
134(	) do	F. W. Gault	do	. 1 2 1
134]	Jdo	B. S. Pickett	Traveling expenses	-  1
1042	o	Champaign Sand Co	General supplies	. 1
1040		E A Figheret	Machine repairs	-  -
12/4	do	Frank Zarchar	Field expenses	. 2
1346	do	E. H. Sargent & Co	Laboratory supplies	1
134	do	Twin City Ice & Cold Storage Co	Book	·   5
1349	3 do	F. Blocki Co	Farm machinerv	2
1349	do	Henion & Hubbell	. do	. 1
1350	do	Library Bureau	Furniture	1 2
1351	do	Zenner Disinfectant Co	Zenoleum	
1352	do	Chas. E. Prentice	Laboratory apparatus	. 1
1325	do	J. G. Cherry Co	do	. 1
1354	do	Dominion Chemical Co	General supplies	. 1
1355	do	Miller Harness Co	Farm machinery	
1356	jdo	Standard Cap & Seal Co	Bottles	8
1357	( do	Epernard Faber	Erasers	-
1358	do	Miller-Bryant-Pierce Co	Umce supplies	- 1
1355	june 27	Wanttomborgische Metellwerenfebrile	Mygaym an acim and	1 49 8 3
1126	Jdo	Wurtembergische Metallwareniaprik	museum specimens	49
1364	de de	P S Comphall	Printing	.  8
	٠١ <b>٠٠u</b> ٧٠٠٠٠	12. D. Campbon		8
126	35 86	National Engraving Co	Printing and nublicating	, .

lo.	Date.	To whom.	For what.	Amou
	1914.	Flanigan-Pearson Co. F. M. Leslie. Geo. Murphy Cunningham Bros. Sweet Wallach & Co. Chas. Gall Hardware Co. John H. Doyle D. H. Lloyde. Taylor Hardware Co. Bennett's Magazine Agency T. H. Flood & Co. The Boston Book Co. Koniglichen Museum Gertrude Niederman O. M. McGhee. The Letter Shop T. H. Craig Reliable Plumbing & Heating Co. Carl Krebs. C. C. Short. Keufiel & Esser Co. of New York H. W. Johns-Manville Co. Poehlmann Bros. Co. Geo. W. Pickels. Unitt & Wickes. Pantagraph Printing & Stationery Co. T. P. Sifford. Eimer & Amend. Walker & Mulliken. National Engraving Co. Illinois State Penitentiary. Metzler & Schafer Co. B. F. Bush A. W. Jamison C. E. Durst. W. P. Miller. Irving-Pitt Mig. Co. A. L. A. Publishing Board Tice & Lynch. Ernst Hertzberg & Sons. Henry G. Noel National Live Stock Records. The John Carter Brown Library. Americus Book Co. A. C. McClurg & Co. G. E. Stechert & Co. Bennett's Newspaper & Magazine Agency Peck & Hills Furniture Co. C. A. Kiler. Willis Music Co. B. A. Strauch Flanigan-Pearson Co. Berrival & Moorehead. Western Electric Co. Twin City Printing Co.		
1364	June 27	Flanigan-Pearson Co	Printing and publishing	\$ 334 11 15 43 12 65 10 127 69 59
1365	do	F. M. Leslie	Furniture	1
1366	ob	Geo. Murphy	Laboratory apparatus	
1367	do	Cunningham Bros	General supplies	12
1368	do	Sweet Wallach & Co	do	43
1260	do	Chas Gall Hardware Co	Hardware	19
270	do	Iohn H Doyla	do	
1971	do	D H Lloydo	Pant and general cumpling	วา
1970	do	Marilan Handwana Ca	Trandruano	61
LOTZ	ao	Daylor Hardware Co	Magginag	16
1373	qo	Bennett's Magazine Agency	magszines	100
374	do	T. H. F1000 & Co	B00KS	127
375	do	The Boston Book Co	ao	65
.376	do	Koniglichen Museum	Museum specimens	59
377	do	Gertrude Niederman	Salary, June, 1914	50
378	do	O. M. McGhee	Wages, June, 1914	15
379	do	The Letter Shop	Clerical work	(
380	do	T H Craig	Watches	17
201		Polichla Plumbing & Heating Co	Conorol cumpling	
981		Contracte Company & Hearing Co	General supplies	1
382	do	Cari Kreos	Tital damenta	
383	ao	U. U. snort	rieid expenses	15 6 17 6 5 8 18 18
384	do	Keunel & Esser Co. of New York	Omce supplies	
385	do	H. W. Johns-Manville Co	General supplies	8
386	do	Poehlmann Bros. Co	Nursery stock	18
387	do.	Geo. W. Pickels	Stakes	į į
300	do	Unitt & Wickes	Museum specimens	500
390	do	Pantagraph Printing & Stationery Co	Printing and publishing	445
200	40	T D Sifford	Ganaral lahor	448
390		Times & Amond	T above towy graphics	,
391	ao	Elmer & Amend	Laboratory supplies	
392	do	Walker & Mulliken	Snades	ě
393	do	National Engraving Co	Printing and publishing	
394	do	Illinois State Penitentiary	Furniture	. 18
395	do	Metzler & Schafer Co	Laborary supplies	` 1
396	do	B. F. Bush	Museum specimens	18 18 146
207	do	A W Tamison	Traveling expenses	F
200	do	C F Duret	do do	10
200	do	W D Millor	do	16 16
999	uo	Turing Ditt Mfg. Co	Office cumplies	16
400	ao	irving-rut Mig. Co	Carrent arms live	10
401	do	A. L. A. Publishing Board	General supplies	4
402	do	Tice & Lynch	Freight and express	42 398
403	do	Ernst Hertzberg & Sons	Binding	398
404	do	Henry G. Noel	Books	8
405	do	National Live Stock Records	do	998 998 88 497 933
406	.do	The John Carter Brown Library	do	99
407	do	Americus Book Co	do	88
100	do	A C McClurg & Co	do	497
100	do	G F Stochart & Co	do	033
410	uo	Ponnatta Nowananar & Magazina Aganay	Moroginus	14 26 63
410		Deals & Tilla Francitana Co	Furniture	0/
411	do	reck & mills rumiture co	rumuure	20
412	do	C. A. Klier		06
413	do	Willis Music Co	B00KS	67 31
414	do	B. A. Strauch	General supplies	3.
415	do	Flanigan-Pearson Co	Office supplies	41
416	do	Barnhart Bros	Building repairs and framing	
			picture	26
417	do	Percival & Moorehead	General supplies	
410	do	Percival & Moorehead. Western Electric Co. Twin City Printing Co. Albert Pick & Co. University of Illinois Supply Store. Coldwell Lawn Mower Co. F. M. Leslie. John H. Doyle. Illinois State Reformatory. P. S. Campbell. O. W. Hampton.	Furnituredo. Books. General supplies Office supplies Building repairs and framing picture. General supplies Laboratory supplies Printing Furniture	20 1
110	do	Twin City Printing Co	Printing	93 116
100	uo	Albort Pick & Co	Eurnitura	ດ້ຳ
120	uv	TInimargity of Illinois County Ctore	Furniture. Office equipment.	30
421	qo	Caldwell I arm Marran Ca	Machine manaina	11/
422	ao	Cold well Pawit Mowel Co	Machine repairs. General supplies Hardware. Printing.	116
423	ao	r.m. resile	General supplies	50
424	do	John H. Doyle	Hardware	. 6
425	do	Illinois State Reformatory	Printing	79
426	do	P. S. Campbell	Dairy products furnished department of diary husbandry	16
427	June 29	O. W. Hampton	Dairy products furnished depart-	
~			ment of diary husbandry	1
420	do	E J Percival	do	ĝ
140	do	W C Welch	do	• 1
120	do	P S McInness	do	i
400	uo	O A MoTopogg	do.	1
431	ao[	O. A. MCIIIIOSS	[uo	2
432	do	U. U. Gordon	ao	1
433	do	Lou Creiger	do	1
1434	do	E. Grove	do	3
1435	ldo	David Wilkins	do	2
1436	do	S. G. Richards	do	5
1427	do	E. J. Percival W. C. Welch R. S. McInness O. A. McInness C. C. Gordon Lou Creiger E. Grove. David Wilkins S. G. Richards T. P. Lyons. J. Hammack F. H. Busey E. F. Lyons	do	- 5
1490	1do	T Hammack	do	1 2 1 1 2 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2
1499	uo	T TT Pugger	do.	2
			1uv	2
1439		To To I was a	1 3 0	_

lo.	Date.	To whom.	For what	Amou
	1914.	Chas. Pfeister  C. J. Von Holten W. R. McConnell. G. W. Van Meter. D. S. Herriott. C. A. Fogel J. H. Umbanhower. W. D. Rohl Herman Denhart. Harvey Ray. E. L. Price. F. Elliott. I. H. Gordon Van Carter. Frank Stadden. Ed. Househoulder. J. B. Marsh. John Ingleman. C. E. Kelley. Andrew Shields. E. M. Snyder. McDevitt-Wilson Bargain Book Shop. D. H. Newhall Thomas Publishing Co. Bennet Magazine Co. Willis Music Co. Bauer Brothers Co. Union Iron Works. Chas. F. Witt Est. Haussman & Dunn Co. Continental Cereal Co. Frison Brothers. Metzler & Schafer Co. B. A. Railton Co. Albert Pick & Co. F. K. Robeson. Eisner Grocery Co. Stock Yards Cotton & Linseed Meal Co. Miller Harness Co. Knowlton & Bennett. A. N. Pierson. E. W. Johns-Manville. University of Illinois Supply Store.		
1441	June 29	Chas. Pfeister	Dairy products furnsihed depart- ment of dairy husbandry	
1440	١.,		ment of dairy husbandry	\$ 4
1442	do	C. J. Von Holten	do	\$ 43 22 23 23 74 44 44 44
1440	do	W. R. McConnell	do	2
1445	do	D S Harriott	do	2
1446	do	C. A. Fogel	do	9
1447	do	J. H. Umbanhower	do	1 3
1448	do	W. D. Rohl	do	1 7
1449	do	Herman Denhart	do	4
1450	do	Harvey Ray	do	2
1451	do	E. L. Price	do	4
1452	do	F. Elliott	do	4
1450	do	I. H. Gordon	do	2
1455	do	Van Carter	do	9
1456	do	Fd Househoulder	do	9
1457	do	I B March	do	1 2
1458	do	John Ingleman	do	1
1459	do	C. E. Kellev	do	9
1460	do	Andrew Shields	do	3 3 3 1 3 10
1461	do	E. M. Snyder	do	3
1462	do	McDevitt-Wilson Bargain Book Shop	Books	1
1463	do	D. H. Newhall	dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo .	8
1464	do	Thomas Publishing Co	do	10
1400	ao	Bennet Magazine Co	Magazines	58 58 64 12 150
1467	do	Willis Music Co	T ob enotoner own another	5
1468	do	Thion Tron Works	Earn machinery	98
1469	do	Chas F Witt Est	Farm machinery and supplies	1 19
1470	do	Haussman & Dunn Co	Laboratory supplies	12
1471	do	Continental Cereal Co	Feeding stuff	150
1472	do	Frison Brothers	Machine repairs	- 2
1473	do	Metzler & Schafer Co	General supplies	4
1474	do	B. A. Railton Co	Cafeteria supplies	11
1475	do	Albert Pick & Co	Ice box	25
1476	do	F. K. Robeson	General supplies	23
1477	do	Eisner Grocery Co	do	39 113
1470	do	Stock Yards Cotton & Linseed Meal Co	Feeding stuff	113
1460	uo	Vnowlton & Poppett	deneral supplies	1
1481	do	A N Piercon	do	144
1482	do	H W Johns-Manville	do	170
1483	. do	University of Illinois Supply Store	Furniture and fixtures	36
1484	do	H. P. Stinespring	do. Furniture and fixtures. Feeding stuff.	660
1485	do	B. S. Strauch	General supplies Laboratory apparatus. Field expenses General supplies	1 3
1486	do	Sturges & Burn Mfg. Co	Laboratory apparatus	18
1487	do	F. M. Foltz	Field expenses	21
1488	do	Stipes & Hecker	General supplies	24
1489	do	Reliable Plumbing & Heating Co	doBulletins.	5
1490	do	D. H. Lloyde	D-Plating	903
1400	do	G E Stochart & Co	Books.	176
1402	do	Ernst Hertzherg & Sone	Binding	263
1494	do	Stock Yards Cotton & Linseed Meal Co.  Knowlton & Bennett. A. N. Pierson. H. W. Johns-Manville. University of Illinois Supply Store. H. P. Stinespring. B. S. Strauch. Sturges & Burn Mfg. Co. F. M. Foltz. Stipes & Hecker. Reliable Plumbing & Heating Co. D. H. Lloyde. Flanigan-Pearson Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. Western Union Telegraph Co. Western Union Telegraph Co. The Home Telephone Co. John H. Doyle. The Boston Book Co. G. E. Stechert & Co. A. C. McClurg & Co. Barbee Wire & Iron Works. Geo. B. Carpenter Co. Angle Steel Stool Co. Charles J. Clark. The Inner Braced Furniture Co. National Engraving Co. Rogers & Hall Co. Martin H. D'Coge. Malcolm H. Gardner Rand McNally & Co. J. Fischer & Brother Lawyers Co-operative Publishing Co. Frns Hertzberg & Sons. T. H. Flood & Co. G. E. Stechert & Co. G. A. Goodenough S. O. Andros.	Books Binding Telegramsdo Tolls General supplies Booksdo	30
1495	do	Western Union Telegraph Co.	_do	32 37
1496	do	The Home Telephone Co	Tolls.	1 1
1497	do	John H. Doyle	General supplies	209 379
1498	do	The Boston Book Co	Books	209
1499	do	G. E. Stechert & Co	do	379
1500	do	A. C. McClurg & Co	Laboratory apparatus.	1 201
1501	do	Barpee Wire & Iron Works	Laboratory apparatus	28 28 57
1502	0	Geo. B. Carpenter Co	Laboratory apparatus Tools Furniture and fixtures Laboratory apparatus Chairs Printing Printing and publishing Traveling expenses Books do	28
1504	00	Charles T. Clark	T aboratory apparetus	57
1504	uo	The Inner Breed Furniture Co	Chairs	. 76
1506	do	National Engraving Co	Printing	. "
1507	- do	Rogers & Hall Co	Printing and publishing	1,326
1508	do	Martin H. D'Coge	Traveling expenses	29
1509	do	Malcolm H. Gardner	Books	122
1510	do	Rand McNally & Co	do	13
1511	do	J. Fischer & Brother	.do .do .do .do .do .do .do .do .do .do	1
1512	do	Lawyers Co-operative Publishing Co	do	5
1513	do	The Carswell Co	do	15
1514	do	Ernst Hertzberg & Sons	Binding	15
1515		T. H. Flood & Co	R00ks	34 118
1516	do	G. A. Gooden and	Charaling arranges	118 8 26
		NT. A. MOODEROUSH	Traveling expenses	, 8

To.	Date.	To whom.	For what.	Amou
	1914.	Callaghan & Co. D. H. Newhall The Cadmus Book Shop U. P. James, Bookseller N. J. Bartlett & Co. H. A. O'Leary, Bookseller William J. Campbell The Torch Press Book Shop. John E. Scopes & Co. Geo. E. Warner Eugene Dietzgen Co. University of Illinois Supply Store. Twin City Printing Co. Irving-Pitt Mfg. Co. D. H. Lloyde. Johnson Sanitary Creamery. H. E. Siegman H. L. Moore. Geo. Bloyer A. J. Spohn. Richmond Bros. Alexis Creamery Co. Sanitary Creamery Collier Bros. Twin City Creamery. Freeport Creamery Co. A. J. Brogger. Ferdinand Grimm M. E. Simonsen H. O. Henry O. W. Albright Carmen H. Steitz. Hazel W. Ricketts C. F. Harding C. F. Harding Agness A. Wagner H. D. McQueen Will Patterson M. F. Stivers J. R. Kelley. M. D. Rose R. Pergande Ida Luther Daisy Swearingen W. S. Goodspeed J. J. Hepert W. W. Miller Roy M. Ross Elizabeth Muhleman Floyd E. Prewitt Elmer Jenkins Geo. Jensen W. T. Marsh Levi R. Askins. Her H. Williamen		
1519	June 29	Callaghan & Co	Books	\$105
1520	do	D. H. Newhall	do	6
1500		The Cadmus Book Snop		6 40 21
1592 1593	uo	N I Rortlett & Co	do	21
1524	do	H. A. O'Leary Bookseller	do	5 12
1525	do	William J. Campbell	_do	` 5
1526	do	The Torch Press Book Shop	do	12
1527	do	John E. Scopes & Co	do	18 30
1528	do	Geo. E. Warner	do	30
1529	do	Eugene Dietzgen Co	Office supplies	12
1530	do	University of Illinois Supply Store	do	3
1531	do	Twin City Printing Co		1 8
1532	do	Irving-Pitt Mig. Co	00	71
1509	do	Tohngon Sonitory Croomery	Dairy products furnished depart	1 "
1994		Johnson Bantary Creamery	ment of dairy husbandry	٠,
1535	do	H. E. Siegman	do	İ
1536	do	H. L. Moore	do	1.5
1537	do	Geo. Bloyer	do	60
$15\overline{38}$	do	A. J. Spohn	do	1 7
1539	do	Richmond Bros	do	
1540	do	Alexis Creamery Co	do	8
1541	do	Sanitary Creamery Co	do	4
L542	do	Newton Creamery	do	1 3
1543	ao	Comer Bros	do	1 3
1544 1545	ao	Freeport Creamery Co	u0	1 3
1540 1540	do	A T Brogger	do	1 4
1547	do	Fordingnd Grimm	do	
1548	do	M E Simonsen	do	1
1549	do	H. O. Henry	do	
1550	do	O. W. Albright	do	68
1551	do	Carmen H. Steitz.	Wages, June, 1914.	6
1552	do	Hazel W. Ricketts	do	40
1553	do	C. F. Harding	do	80 20 60 50 50 50
1554	do	C. F. Harding	do	. 20
1555	do	Agnes A. Wagner	do	. 60
1556	do	H. D. McQueen	do	. 50
1557	do	Will Patterson	. do	. 50
1558	do	M. F. Stivers	do	.  50
1008	do	J. R. Kelley		55
1561	7do	D Dergondo		. 0
1569	do	Ido Luthor	do	91
1563	do	Daisy Swearingen	do	50
1564	do	W. S. Goodspeed	do	8
1565	do	J. J. Herbert	do	. 8
1566	do	W. W. Miller	do	7.
1567	do	Roy M. Ross	. do	88 88 77 88 89 80 80
1568	do	Elizabeth Muhleman	. do	. 50
1569	do	Floyd E. Prewitt	. . do	. 50
1570	do	Eimer Jenkins	. do	.  60
1571	do	Geo. Jensen	- do	. 5
1572	do	W. T. Marsh	do	. 50
1573	0	Floyd E. Prewitt Elmer Jenkins Geo. Jensen W. T. Marsh Levi R. Askins Hiram Williamson D. T. Brooks E. G. Johnson Florence Grabbe Hiram Hamlin William Hough Earl Meenach Oliver Gossett John Flocken Roy Argo. Jasper Dillion Raiph Eaton Lawrence Engle A. S. Stoltzfus Lucy N. Barto M. J. Conley Jesse Cook Fred Dale Raiph Engle Geo. Mink H. F. Moore Frank Sanders Cash Shipman		50
15/4		D. T. Prooks		. 50
1979 1570	uo	F. G. Tohnson	do.	9
1577	do	Florence Grabbe	do	30
1578	do	Hiram Hamlin	do	. 5
1579	do	William Hough	0	. 8
1580	do	Earl Meenach	. do	. 6
1581	do	Oliver Gossett	do	6
1582	do	John Flocken	. do	. 60
1583	do	Roy Argo	. do	. 5
1584	do	Jasper Dillion	. do	50
1585	do	Kaiph Eaton	. do	. 4'
1286	do	Lawrence Engle	. ao	. 50
1587	do	A. S. Stoltzius		4'
1588	ao	Lucy N. Barto		.   2
1588	ddo	M. J. Conley		7.
1990	J00	Trad Dala		·   5
1500	Jao	Polph Engle		50 50 4'
1502	do	Cao Mink	- do	- 5
1504	do	H F Moore	- do	1 4
150	do	Frank Sandars		50
TODE	y uv	C. J. Cl.		ا .

1.597 Jun 1.598	1914. me 29 do	To whom.  F. E. Houser. Lawrence Nesbit. Mamie Bunch. J. E. Morgan Lavina Dille. Mrs. Louise Redman Mrs. Lizise Shue. Mrs. Lazise Shue. Mrs. Emma Conrad Etta Hensel. Mrs. Kramer Ray W. Wilson Julian Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cloyd Smith. Cle Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Burs	Wages, June, 1914	\$ 500 555 556 600 404 408 408 408 408 408 408 4
1597 Jun 1598 J. d. d. 1599 J. d. d. 1599 J. d. d. 1599 J. d. d. 1599 J. d. d. 1598 J. d. d. 1598 J. d. d. d. d. d. d. d. d. d. d. d. d. d.	me 29 do	F. E. Houser	Wages, June, 1914dododododododo	\$ 555 555 666 666 441 666 622 222 222 232 555 188 100 100 221 232 241 241 252 252 252 252 252 252 253 253
1.598	do	Lawrence Nesbit.  Mamie Bunch. J. E. Morgan Lavina Dille. Mrs. Louise Redman Mrs. Louise Redman Mrs. Lizzie Shue. Mrs. Emma Conrad Etta Hensel. Mrs. Kramer Ray W. Wilson Julian Smith. Clarence Scholl. R. J. Weiland. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar A. C. McClurg & Co. C., C., C. & St. L. By. Co. American Assn. of Law Libraries. Arthur H. Clark Co. E. A. Kircher Americus Book Co Paul Gottschalk, Antiq Henry Bosch Co. Harry Garr H. P. Rusk. W. L. Gaines F. W. Garrett. U. of I. Supply Store. The Tablet & Ticket Co. Bausch & Lomb Optical Co.	. do	55644411511515606440444115156064404411515606440441151560644044115160644041151606440411516064064064064064064064064064064064064064
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1635	.do	The Tablet & Ticket Co	General supplies Laboratory apparatus Laboratory supplies	20
1636		Bausch & Lomb Optical Co	Laboratory apparatusLaboratory supplies	20
1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650	do	Emil Greimer Co	Laboratory supplies	
1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650	do			
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1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650	do	Oldham Brothers	Supplies	
1641 1642 1643 1644 1645 1646 1647 1648 1649 1650	do	Eisner Grocery Co-	General supplies	
1642 1643 1644 1645 1646 1647 1648 1649 1650	do	Reliable Plumbing & Heating Co	Building renairs	
1643 1644 1645 1646 1647 1648 1649	.do	Lumiere Jougle Co	General supplies	
1644	do	F. M. Leslie	do	l :
1645 1646 1647 1648 1649 1650	do	The Warren Brush Co	Janitor supplies	1
1646 1647 1648 1649 1650	do	Library Bureau	Laboratory apparatus	1
1647 1648 1649	.do	E H Sargent & Co	Laboratory supplies	4
1648 1649 1650	do	Eimer & Amend	do	4
1649 1650	do	Morris & Co	Freight and express	1
1650	do.	Harvard College Library	Catalog cards	2
	do.	E. G. Jaeck	Books.	ĩ
1651	do.	J. W. Butler Paper Co	Office supplies.	2 1 10 1
1652	.do.	Keuffel & Esser Co.	do	1 1
1653	do.	Illinois Central Rv. Co	Freight	1 -
1654	do.	The Wabash R. R.	- 00	1 5
1655	do.	Illinois Traction System	do	1
1656	do	C. C. C. & St. L. By. Co	do	5
1657	do	Sweet Wallach & Co	General supplies	"
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1650	do	Watson Faulkner	do.	1
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1669	.do	The Rurr Co	Laboratory supplies	11
1669	.u0	Twin City Ice & Cold Storege Co.	Canaral cumplies	15
1664	.uu	The Eco-Thormal Co	Laboratory apperatus	11 8 22 1 2 4 7 5 4
1665	.uu	A H Rophor Croomory Supple Co	Conord supplies	42
1666	.uu	Motalor & Cabatar	do	1
1667	.uo	Burrough Adding Machine Co	Office equipment	
1660	.uo	Standard Can & Sool Co	Conoral supplies	2
1008	.00	The De Level Constant Co	Mochine reneira	4
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1672	.dodo	Transfer Dilling of Diank Dook Co	Réeneral Supplies	17
1673	.dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	Harris, Dillayou & Co.	O C	1
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•	1914,			
L676	June 30	William Brothers	General supplies	\$ 3 67 18 150 1 31 60
677	do	Eisner Grocery Co	do	4
678	do	Blanke Mfg. & Supply Co	do	67
679	do	American Mono-Service Co	E-moit-ma and Gartamas	18
680	00	Control Floatric Co	T charactery supplies	190
180	00	F A Holbrook	Traveling expenses	21
683	do	Western Electric Co	Office equipment	60
684	do	Standard Oil Co	General supplies	. 00
685	do	T. H. Flood & Co	Books	1 138 309 16 9 34 14 12 3 8 23 25 35
686	do	The Carswell Co	do	309
687	do	H. E. Cunningham	Balance of salary, Sept., 1913	16
688	do	P. J. Nilsen	Drafting, June, 1914	9
689	do	W. F. Campbell	Clerical work June	34
690	do	Edward L. McKenna	do	14
691	do	T. H. Burrell	do	12
692	do	Ralph H. Linkins	Teaching assistant, June, 1914	3
693	do	W. F. Campbell	wages, June, 1914	
694		H. I. Hannan	do	25
090		Anthon A Odell	do	20
607	o	A T. Shriver	do	46
808	uo	T. I. Simonich	do	23
800	do	M E Slater	do	23 57
700	do	Herman Dale	do	2.8
701	- do	S. C. Skemp	do	28 27
702	do	S. H. Ray	do	$\tilde{2}^{\tilde{5}}$
703	do	C. A. Hughes	do	25 21
704	do	Gauthier-Villars	Books	5
705	do	Francis Edwards	do	2
706	do	John Davis	do	1
707	do	Sweet & Maxwell, Ltd	do	5 2 1 8 69 36 3 1
708	do	Geo. Harding	do	69
709	do	Andre Geradin	do	36
(10	do	Pormio Hormana	d0	1
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712	do	R Heer	do	1
714	uo	Piekaring & Chatta	do	46
715	do	Henry Sotheran & Co	do	1 228
716	do	Luzac & Co	_do	2, 22
717	do	Honore Champion	do	10 1 46 1, 228 2 96 498 177 11
718	do	Edw. G. Allen & Son, Ltd	do	498
719	do	Otto Harrassowitz	do	177
720	do	Luigi Lubrano	do	11
721	do	Oswald Weigel	do	123
722	do	Munsell Publishing Co	do	9
723	do	Geo. E. Warner	Dia dia a	959
724	do	The University of Chicago Press	Catalog cords	353 389
706		A C McClure & Co	Poolen	6
797		Toylor Hordword Co	Building rapaire	Š
200	uo	S E Huff & Co	Lumber	20
20	do	Bacon Brothers	General supplies	8 20 32
30	do	D. H. Lloyde	Office supplies	13
31	do	Ernst Hertzberg & Sons	Binding	20
32	do	Pantagraph Printing & Stationery Co	Printing and publishing	13 20 11 54
33	do	Underwood Typewriter Co	Typewriter	54
34	do	Berkshire Glass Sand Co	Sand	1
35	do	American Steel & Wire Co	Fencing	206
36	do	Henion & Hubbell	Farm macninery	12
3/	ao	Indian Refining Co	Concret cumplies	1 206 12 1 1
30	o	Cromarty Law Rook A	Rooks	r T
40	do	The Boston Book Co	do	5
741	do	The Arthur H. Clark Co	.do	6 5 3 3
42	do	The Cadmus Book Shop	do	3
43	do	William Brothers. Eisner Grocery Co. Blanke Mfg. & Supply Co. American Mono-Service Co. Blanke Mfg. & Supply Co. American Mono-Service Co. Baker-Vawter Co. Central Electric Co. E. A. Holbrook. Western Electric Co. E. A. Holbrook. Western Electric Co. Standard Oil Co. T. H. Flood & Co. The Carswell Co. H. E. Cunningham. P. J. Nilsen. W. F. Campbell. Edward L. McKenna. T. H. Burrell. Ralph H. Linkins. W. F. Campbell. H. I. Hannah. P. D. Jenks. Arthur A. Odell. A. L. Shriver. J. L. Simonich. M. E. Slater. Herman Dale. S. C. Skemp. S. H. Ray. C. A. Hughes. Gauthier-Villars. Francis Edwards. John Davis. Sweet & Maxwell, Ltd. Geo. Harding. Andre Geradin. Societe Mathematique de France. Porrua Hermanos. Martinus Nijhoff. B. Haas. Pickering & Chatto. Henry Sotheran & Co. Luzac & Co. Honore Champion Edw. G. Allen & Son, Ltd. Otto Harrassowitz. Luigi Lubrano. Oswald Weigel. Munsell Publishing Co. Geo. E. Warner. Ernst Hertzberg & Sons. The University of Chicago Press. A. C. McClurg & Co. Taylor Hardware Co. S. E. Huff & Co. Bacon Brothers. D. H. Lloyde Ernst Hertzberg & Sons. Patagraph Printing & Stationery Co. Underwood Typewriter Co. Berkshire Glass Sand Co. American Steel & Wire Co. Henion & Hubbell. He Fraeger. D. H. Lloyde Ernst Hertzberg & Sons. Patagraph Printing & Stationery Co. Underwood Typewriter Co. Berkshire Glass Sand Co. American Steel & Wire Co. Henion & Hubbell. He Fraeger. D. H. Lloyde Ernst Hertzberg & Sons. Patagraph Printing & Stationery Co. Underwood Typewriter Co. Berkshire Glass Sand Co. American Steel & Wire Co. Henion & Hubbell. He Fraeger. D. H. Lloyde Ernst Hertzberg & Sons. Patagraph Printing & Stationery Co. Underwood Typewriter Co. Berkshire Glass Sand Co. American Steel & Wire Co. Henion & Hubbell. He Fraeger. D. H. Lloyde Ernst Hertzberg & Sons. Patagraph Printing & Stationery Co. Underwood Typewriter Co. Berkshire Glass Sand Co. American Steel & Wire Co. Henion & Hubbell. He Fraeger. D. H. Lloyde Ernst Hertzberg & Sons. Hellander Dec. Le Liepmannsohn.	do	. 10 3 15
744	do	D. H. Newhall	ao	_3
745	do	W. E. Praeger	Traveling expense	15
/46	do	U. E. Staples, Bursar	Cierical Work	93
747	do	John Reichard	Feeding Stuils	175
740	op	Joseph Baer & Co	DOURS	1 665
750	op	R Friedlander & Song	uo	175 268 1, 665 600
751	uu	Kerl May Ponne	do.	1
OT	uv	Gebruder Rorntragger	do	1
750				

lo.	Date.	To whom.	For what.	Amou
	1914.			
1754	June 30	Felix L. Dames. Oswald Weigel, Antiq Bernhard Liebisch J. Terquem Adolf Weigel Dultz & Co. A. M. Teizerira. Anacreonte Chiurazzi. The Stenffor	Books	\$ 4
1755	do	Oswald Weigel, Antiq	do	113
1756	do	Bernhard Liebisch	do	359
1757	do	J. Terquem	do	559
1758	do	Adolf Weigel	do	3
1759	do	Dultz & Co	do	6
1760	do	A M Toigonino	do	57
1761	uo	A managenta Chiamagai	do	7
1760	qo	Anarceonte Chilitazzi Th. Stauffer Museum Book Store Koniglichen Bibliothek W. W. Thornton Baumann & Beckmann F. Gillern & Son		ĺí
	do	Manager Dayle Change		
1703	do	Museum Book Store	ao	25
1764	do	Koniglichen Bibliothek	do	54
1765	do	W. W. Thornton	Traveling expenses	7
F100	do	Baumann & Beckmann	Furniture and fixtures	95
L767	do	E. Gilleron & Son. Receivers, Central Union Telephone Co.	Museum specimens Telephone and telegraph	472
1768	do	Receivers, Central Union Telephone Co.	Telephone and telegraph	40
1769		The Western Electric Co	Desk fan	15
1770		National X-Ray Reflector Co	Laboratory apparatus	239
1771		T corritt Mfg. Co	Apparatus manaing	209
1770		Leavitt Mfg. Co	Apparatus repairs	
1772		Oldham Brothers	General supplies	11
1773		Great Western Mfg. Co	Laboratory apparatus	55
1774		Durand Steel Locker Co	Furniture and fixtures	147
1775	do	Baker & Co., Inc. Osgood Co. George E. Jenks	Laboratory supplies	49
1776		Osgood Co	Printing and publishing	101
1777	do	George E. Jenks	General supplies	60
1778	do	H. F. Wickham  Hunter, Rourke & Co. O'Byrne Transfer & Storage Co.	General supplies Museum specimens Map cases	30
1779	do	Hunter Dougles & Co	Mon occor	115
790	do	O'Drama Thomason & Otanaga Ca	Tauling lood printing to Florigan	110
1100	do	O Bythe Transfer & Storage Co	Hauling load printing to Flanigan	1 -
1001	١.,	TII: 1 0 1 1 1 27 1 0 0	and Pearson	1
1781	do	Lilinois Society of Engineers & Surveyors	Advertising	10
1782	do	Illinois Society of Engineers & Surveyors Urbana Courier Co	Printing and publishing	89
1783	do	Newton D. Mereness Interstate Commerce Bureau Co., Inc	Wages, June, 1914	150
1784	do	Interstate Commerce Bureau Co., Inc.,	Booke	175
1785	. do	T. H. Flood & Co	do	112
1786	do	C V Ritter	do	18
1787	do	G F Stochart & Co	do	2
1700	uo	T. H. Flood & Co. C. V. Ritter G. E. Stechert & Co. The Boston Book Co. C. R. Nidrolle		36
1700		C. D. Miele-II-	do	
				55
1790	ao	F. M. Leslie	Picture and frame	51
1791	do	F. M. Leslie National Blank Book Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Peck & Hills Furniture Co. E. H. Sargent & Co. E. Trust Hersborg & Sons	Office supplies	132
1792	do	O. E. Staples, Bursar	Rebates to students	25
1793	do	O. E. Staples, Bursar	Student labor	21
1794	do	O. E. Staples, Bursar	do	22
1795	do	O. E. Staples, Bursar	General labor	117
1796	do	Peck & Hills Furniture Co.	Furniture	98
1797	do	E. H. Sargent & Co	Laboratory supplies	169
1798	do	E. H. Sargent & Co. Ernst Hertzberg & Sons.	Books	105
1799	40	G. E. Stechert & Co.	.do.	597
1000		A C McClare & Co		56
1001	ao	Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Mississer T. Missi	do	30
1000	ao	Thomas J. Taylor	reight and express.	37
1802	do	A. C. McClurg & Co Thomas J. Taylor G. W. Sheldon & Co	Freight and express	33
1909	do	A. C. McClurg & Co	B00KS	111
1804	do	G. E. Stechert & Co	do	166
1805	do	C. A. Kiler	Furniture	55
1806	do	D. H. Llovde	Furniture and piano rent	50
1807	do	D. H. Lloyde Manning, Macwell & Moore, Inc	Laboratory apparatus, centering	1
	1	-	Laboratory apparatus, centering machine	275
1808	do.	Gardner Machine Co	Patternmaker's machine	551
1800	do	Gardner Machine Co. Simplex Time Recorder Co. Warren, Webster & Co. The Cincinnati Time Recorder Co.	Card recorder	100
1010	uo	Wormen Wahatan & Co	Air washer	463
1011	- qo	Warren, Webster & Co	Air washer	
POTT	ao	The Cincinnati Time Recorder Co	Card recorder	83
1812	do	N. T. Pierce	Lime and axe	7
1813	do	N. T. Flerce. A. M. Wallace. L. C. Smith & Brothers Typewriter Co Charles Englehard Baltimore Copper S. & R. Co. C. A. Brumley. Ernst Hertzberg & Sons. Lohn Reichard	Live stock	495
1814	do	L. C. Smith & Brothers Typewriter Co	Balance due for typewriter	57
1815	do	Charles Englehard	Galvanometer. Laboratory apparatus	47
1816	. do	Baltimore Copper S. & R. Co	Laboratory apparatus	214
1817	do.	C. A. Brumley	Wages, June, 1914.	52
1818	do	Ernst Hertzherg & Sone	Books.	125
1810	do	Tohn Daighard	Fooding ctuffe	1, 269
1600	30	John Reichard. Twin City Ice & Cold Storage Co. Laura B. Evans.	Feeding stuffs. Storage on concrete blocks	
1020		Tarre D. Tarres	Diorage on concrete blocks	1
1000	ao	Laura B. Evans	Traveling expenses	61
1822	do	Western Electric Co. Remington Typewriter Co. C. A. Kild	Desk fan	15
1823	do	Remington Typewriter Co	Typewriter	28
1824	do	C. A. Kiler	Furniture	41
1825	. do	Barnhart Bros	Wire nails	1 2
1826	- do	Barnhart Bros. Stipes & Hecker.	Fencing	44
1997	do	S F Unff & Co	Fencing Building repairs Balance for typewriter	25
1000	do	T. C. Smith & Drog Tymewriter C-	Polones for typeriter	27
1000		S. E. Huff & Co. L. C. Smith & Bros. Typewriter Co. General Electric Co. Leavitt Mfg. Co.	Machine non sing	
10.79	100	General Fiectlic Co	Machine repairs	14 25
1000				

₹o.	Date.	To whom.	For what.	Amour
	1914.	Eugene Dietzgen Co. Central Electric Co. Miller Harness Co. Paisley & Shively. A. H. Barber Creamery Supply Co. Burroughs Adding Machine Co. Twin City Creamery Co. S. A. Sandweger. W. W. Walls & Co. Watson Faulkner Frison Bros. W. F. Hardy. A. N. Marquis & Co. Baker-Voorhis Co. Urbana Courier Co. Library Bureau. Buffalo Steam Pump Co. Western Society of Engineers. T. H. Craig. The Ludlow Valve Mfg. Co. The United Steel Co. Marmon-Buick Sales Co. Jacob White. Tuttle & Bailey Mfg. Co. The General Fireproofing Co. J. T. Ryerson & Son Geo. E. Amsbary Co. J. T. Ryerson & Son Geo. E. Amsbary Co. LaSalle Extension University. Callaghan & Co. Henry Stevens, Son & Stiles The Museum Book Store R. R. Bowker Co. The Novelty News Co. A. W. Shaw Co. Bacon Bros Robt. Graham  Z. A. R. Grindley H. I. Nelson		
1831	June 30	Eugene Dietzgen Co	Drawing boards	\$ 182
1832	do	Central Electric Co	Laboratory supplies	80 97
1833	do	Miller Harness Co	Farm machinery	97
1834	do	Paisley & Shively	Storage of hay	67 25
1835	do	A. H. Barber Creamery Supply Co	Hand tester	25
1836	do	Burroughs Adding Machine Co	Carrying case	5
1837	do	Twin City Creamery Co	Separator oil and point	1 59
1838	do	S. A. Sandweger	Coal	59
1839	do	W. W. Walls & Co	Building repairs	l i
1840	do	Watson Faulkner	General supplies	1 12
1841	do	Frigon Brog	Building rangire	5
1842	do	W F Hordy	do	ă
1843	do	A M Managia & Co	Pools	9
1044		Delega Versie Co	Dolomos on book	E 1
1044	ao	Baker-voornis Co	Balance on book	51 34
1845	ao	Urbana Courier Co	Printing and publishing	34
1846	do	Library Bureau	Cards	5
1847	do	Buffalo Steam Pump Co	Book	3
1848	dó	Western Society of Engineers	Printing and publishing	32
1849	do	T. H. Craig	Repairing stop-watch	32
1850	do	The Ludlow Valve Mfg Co	Plumbing	68
1851	do	The United Steel Co	Steel	12
1852	do	Marmon-Ruick Salas Co	Oil hag	1 2
1852	do	Togoh White	Building metaricle and labor	2 17
1054		Duttle & Deiler Mfg C-	Duilding motorici	1,
1004	uo	The Course Library Mig. Co	Tiling ashing	3 27
1000	ao	The General Fireprooning Co	Fining Capinet	27
1900	ao	J. T. Kyerson & Son	Tool steel	8
1857	do	Geo. E. Amsbary Co	w neat bran	480
1858	do	J. Reichard	Oats	348 120 49
1859	do	Robert McEmer	Ewes	120
1860 l	do	Electric Appliance Co	Laboratory apparatus	49
1861	_do	Central Electric Co.	Receiver and condensers	31
1862	do	Bausch & Lomb Ontical Co	Telescones	174
1863	do	LaSalla Extension University	Books	12
1864	do	Colleghen & Co	do	105
1865	do	Tonry Stayona Son & Stiles	do	76
1000		Them y Stevens, Son & Stries		10
1000	ao	The Museum Book Store	75. 1.11-1.	18 20
1901	ao	R. R. Bowker Co	Publishing	20
1868	do	The Novelty News Co	Books	2
1869	do	A. W. Shaw Co	do	5
1870	do	Bacon Bros	Paint, varnish and brush	3
1871	do	Robt. Graham	Dairy products furnished depart-	l .
	1	<b>₩</b>	ment of dairy husbandry	1 3 1
1872	do	A. R. Grindley	do	3
1873	do	H. I. Nelson	do	1
1874	.do	Fred Thompson	do	1
1875	do	T.E. Handerson	do	ī
1976	do	C Hohielz	do	1 2
1077	do	T Duch	do	6
1070		TTT:11: T -:		1 4
1010		william Deischner	qo	1 3
18/9	do	A. E. Burwash	αο	9
1980	ao	E. w. Smalley	ao	2
1881	do	K. L. Myers	ao	1 1 3 2 4 4 4 2 6 6
1882	do	T. F. Jordan	do	€
1883	do	C. Ross	do	3
1884	do	B. Jordan	do	5
1885	do	I. W. Maxwell	do	4
1886	do	W. H. Grav	do	2
1887	do	T. N. Burwash	do	2
1888	do	T H Flood & Co	Books	99
1820	do	Ernet Hartzharg & Song	do	22 203
1000	do	A C McClang & Co		42
1990	ao	A. O. McClurg & Co	J	42
1991	ao	Т. н. F1000 & U0	G1	45
1892	ao	Ansco Co	General supplies	62
1893	do	Rogers & Ball Co	Printing and publishing	1, 206 72 93
1894	do	George Strode	Awnings	72
1895	do	S. E. Dillavou	Farm machinery	93
1896	do	P. S. Campbell	Printing	5
1897	do	Automatic Electric Co	General supplies	120
1898	do	Alexander Lumber Co	Lumber	144
1800	do	The Chas, A. Hall Hardware Co	Hardware	49
1000	do	The Rurr Co	Building renairs	1 45
1001		Marrian Transport	Tondwore	1 2
TANT	qo	Taylor Hardware Co	Haidware	22
1902	qo	Tour H. Doale		41
.1903	do	D. H. Гюдае	Omce supplies	42 47 22 41 98
1904	do	Flanigan-Pearson Co	do	42
1905	do	The Western Electric Co	Electric supplies	42 63
1006	do	The Museum Book Store R. R. Bowker Co. The Novelty News Co A. W. Shaw Co. Bacon Bros Robt. Graham A. R. Grindley H. I. Nelson. Fred Thompson. J. E. Henderson G. Hobick J. Rueb William Leischner A. E. Burwash E. W. Smalley R. L. Myers T. F. Jordan C. Ross B. Jordan I. W. Maxwell W. H. Gray T. N. Burwash T. H. Flood & Co Ernst Hertzberg & Sons A. C. McClurg & Co T. H. Flood & Co Rogers & Ball Co George Strode S. E. Dillavou P. S. Campbell Automatic Electric Co Alexander Lumber Co The Chas A. Hall Hardware Co The Chas A. Hall Hardware Co Ton Heloyde D. H. Lloyde Flanigan—Pearson Co The Western Electric Co Illinois State Reformatory F. K. Robeson U. of I. Supply Store	. do . do . do . do . do . do . eneral supplies Printing and publishing Awnings Farm machinery Printing General supplies Lumber Hardware Building repairs Hardware Hardware Office supplies . do Electric supplies Printing Dry goods Books	17
	do	F. K. Robeson. U. of I. Supply Store.	Dry goods	5
1907				· · · · ·
11907	uo	TT CT C C		

lo.	Date.	To whom.	For what.	Amour
	1914.	D. H. Lloyde. S. E. Huff & Co. Barnhart Bros. U. & C. Ry, Gas & Electric Co. Twin City Lee & Cold Storage Co. The Burr Co. Tice & Lynch. G. E. Stechert & Co. Morrison, Plummer & Co. E. H. Sargent & Co. Western Fuel Co. F. G. Hartwell Co. The University Hospital. Consumers Co. Mallory & Mitchell. Nick Starck & Sons. Kasan's Express & Ban Co.		
1909	June 30	D. H. Lloyde	Books	\$ 44
1910	do	S. E. Huff & Co	Lumber	16
1911	do	Barnhart Bros	Laboratory tables	13
1912	do	U. & C. Ry. Gas & Electric Co	Gas meter	7
1913	do	Twin City Ice & Cold Storage Co	Ice books	4
1914	do	The Burr Co	Laboratory supplies	16
1915	do	Tice & Lynch	Freight and express	13
1916	do	G. E. Stechert & Co	Books	6
1917	do	Morrison, Plummer & Co	Laboratory supplies	54
1918	do	E. H. Sargent & Co	do	2
1919	do	Western Fuel Co	Coal	28
1920	do	F. G. Hartwell Co	do	l 88
1921	do	The University Hospital	Board and room	78
1922	do	Consumers Co.	Coupon book	13
1923	do	Mallory & Mitchell	Advertising	15
1924	do	Nick Starck & Sons	Services as night watchman Tune	1
1021		INTO BUILDE OF BUILD	1014	60
1925	do	Kasen's Express & Ban Co	Freight and express	4
1026	do	Illinois State Denitentiany	Tobles	54
1007	uo	Coodbarta Townday	Townday Type 1014	
1000		Design S Launary	Maunury, June, 1914	3/
1000	ao	Dorden's Condensed Milk Co	T ob empteum mana 2	4
1929	ao	Kasen's Express & Ban Co. Illinois State Penitentiary. Goodhart's Laundry. Borden's Condensed Milk Co. R. D. Swisher Mig. Co. Arthur Hardis & Co. H. M. Hooker Co. Review Printing & Stationery Co. Marshall Field & Co., Wholesale. Chicago Towel Co. Freeman-Sweet Co. V. Mueller & Co. Demonstrator's Assn. of Illinois. Western Lumber Co. A. C. McClurg & Co.	Laboratory supplies	37 4 5 10
ra30	ao	Artnur Hardis & Co	- ao	10
1931	do	Н. М. Hooker Co	Building material	3
1932	do	Review Printing & Stationery Co	Printing and publishing	43
1933	do	Marshall Field & Co., Wholesale	Sheet wadding	3
1934	do	Chicago Towel Co	Laundry	37
1935	do	Freeman-Sweet Co	Building repairs	2, 103
1936	do	V. Mueller & Co	Laboratory apparatus	76
1937	do	Demonstrator's Assn. of Illinois	Cadavers, June, 1914	65
1938	do	Western Lumber Co.	Building material	9
1939	do	A. C. McClurg & Co	Office supplies	9
1040	do	Mage Bros	Building renaire	$2\overset{\circ}{2}$
1041	do	Rounds-Trumon Co	Office supplies	30
1049	do	The Peoples Gos Light & Coles Co	Goe	12
1042	do	C I Frame Dontal Supply Co	Laboratory gunnling	90
1044	do	Word Looperd Floatric Co	Laboratory experies	51
1045	do	Demonstrator's Assn. of Hinois.  Western Lumber Co. A. C. McClurg & Co. Maas Bros.  Rounds-Truman Co. The Peoples Gas Light & Coke Co. C. L. Frame Dental Supply Co. Ward-Leonard Electric Co. Henion & Hubbell. C. C. Adams	do aboratory apparatus	282
1046		C. C. Adams	Enochmon odrzian gooond gomes	202
T940	ao	C. C. Adams	Freshman adviser, second semester, 1913-14	0.5
1047		C W Dalla	ter, 1910-14	25 25
1947		U. W. Baike		20
1948	ao	W. S. Bayley		25
1949	do	C. V. Boyer	do	25
1950	do	W. Buchen	do	25
1951	do	W. E. Burge	do	25
1952	do	C. C. Adams. C. W. Balke. W. S. Bayley C. V. Boyer W. Buchen W. E. Burge T. A. Clark A. R. Crathorne. C. G. Derick W. F. Dodd D. K. Dodge J. D. Fitzgerald II T. H. Guild E. C. Hayes C. F. Kelley C. G. McArthur D. A. McInnes H. McJohnston C. M. Moss S. W. Parr H. G. Paul F. W. Scott A. R. Seymour C. H. Sisam G. M. Symith A. J. Todd H. B. Ward C. H. Woolbert A. R. Warnock F. R. Watson	ao	25
1953	do	A. R. Crathorne	do	25
1954	do	C. G. Derick	do	25
1955	do	W. F. Dodd	do	25
1956	do	D. K. Dodge	. do	25
1957	do	J. D. Fitzgerald II	. do	25
1958	do	T. H. Guild	ldo	25
1959	do	E. C. Haves	l .do.	25
1960	do	C F Kallay	do	25
1061	do	C G MoArthur	do	25
1060	do	D A MaTamag	do	25
1065	uo	T Molehnston	do	25
100	ao	G. M. Mass	. uv	20
1002	op	C W Dann	uv	25
1902	do	5. w. Farr		25
T866	ao	H. G. Paul	. ao	25
1967	do	F. W. Scott	. ao	25
1968	do	A. R. Seymour	. do	25
1969	do	C. H. Sisam	. do	25
1970	do	G. M. Smith	. do	25
1971	do	A. J. Todd	. do	25
1972	do	H. B. Ward	. do	25
1973	do	C. H. Woolbert	do	25
1974	do	A. R. Warnock	l do .	25
	uv	Ta Ta Tar Annual Tar Tar Tar Tar Tar Tar Tar Tar Tar Tar		25

#### AGRICULTURAL EXPERIMENT STATION VOUCHERS.

0.	Date.	O. E. Staples, Bursar H. H. Mitchell A. D. Emmett John A. Detlefsen J. M. Barnhart Martin J. Prucha. E. W. Bailey S. J. Bole. Thomas Bregger C. S. Crandall Anna C. Glover E. Davenport H. L. Reitz J. T. Barrett Illinois State Reformatory Paul Hayhurst Chas. Pollard C. E. Trout A. J. Herbolsheimer Roy Mount A. J. Gorson C. E. Fifield Clay, Robinson & Co. H. H. Mitchell A. D. Emmett J. A. Detlefsen J. M. Barnhart M. J. Prucha A. J. Greson C. S. Crandall E. Davenport Anna C. Glover J. T. Barrett H. L. Reitz M. C. Bocher Lawrence Hahr Paul Hayhurst Charles Pollard C. E. Trout Anna C. Glover J. T. Barrett H. L. Reitz M. C. Bocher Lawrence Hahr Paul Hayhurst Charles Pollard C. E. Trout Roy Mount A. J. Corson O. E. Staples, Bursar Addressograph Co Alexander Lumber Co A. D. Emmett J. M. Barnhart Anna C. Glover M. J. Prucha Lawrence Lahr C. A. Dunseth The Cleveland Grain Co A. D. Emmett J. M. Barnhart Anna C. Glover M. J. Prucha Lawrence Lahr C. A. Dunseth The Cleveland Grain Co A. J. Corson Paul Hayhurst Charles Pollard C. A. Dunseth The Cleveland Grain Co A. J. Corson Paul Hayhurst Charles Pollard C. A. Dunseth The Cleveland Grain Co A. D. Emmett J. M. Barnhart Anna C. Glover M. J. Prucha A. D. Emmett He. E. Staples, Bursar Lawrence Lahr C. A. Dunseth The Cleveland Grain Co A. J. Corson Paul Hayhurst Charles Pollard C. C. E. Staples, Bursar Lawrence Lahr C. A. Dunseth He. Lewrence Challes Rountree Barnhart Brothers Charles Rountree Barnhart Brothers Charles Rountree Barnhart Brothers Charles Rountree Barnhart Brothers Charles Rountree Barnhart Brothers Charles Rountree Barnhart Brothers Charles Rountree Barnhart Rothers  For what.	Amou	
	1913.			
1	July 19	O. E. Staples, Bursar	Sundry bills paid	\$ 5 125 166
2	July 24	H. H. Mitchell	Salary, July, 1913	125
4	do	Lohn A Detleteen	do	166
5	do	J. M. Barnhart	do	166 133 208 150 133
6	do	Martin J. Prucha.	do	208
7	do	E. W. Bailev.	do	150
8	do	S. J. Bole	do	133
.9	do	Thomas Bregger	do	100 291
10	do	C. S. Crandall	do	291
12	do	Anna C. Glover	do	90 500 91 75
12		E. Davenport	do	500
14	do	H. L. Keltz		91
15	Tuly 90	Illinois State Deformatory	Printing lists	100
16	A119. 5	Paul Havhurgt	Waras Tuly 1913	9 21
17	do	Chas Pollard	do	54 50 49 51
18	do	C. E. Trout	do	50
19	do	A. J. Herbolsheimer.	do	49
20	do	Roy Mount	do	51
21	do	A. J. Corson	do	52
22	do	C. E. Fifield	do	22
23	Aug. 28	Clay, Robinson & Co	Live stock	22 297 125 166 166 133 208 150 133
24	Sept. 2	H. H. Mitchell	Salary, August, 1913	125
20	do	A. D. Emmett	do	166
27	do	J. A. Detleisen	00	100
28	do	M T Drughe	do	100
29	do	F W Roiley	do	150
30	do	S. I. Bole	do	133
31	do	Thomas Bregger	do	100
32	do	C. S. Crandall	do	291
33	do	E. Davenport	do	500 90
34	do	Anna C. Glover	do	90
35	do	J. T. Barrett	do	78
36	do	H. L. Reitz	do	91
37	Sept. 6	M. C. Bocher	Labor	38
38	do	Lawrence Hahr	Clerical assistance	78 91 38 50
99	sept. 10	Paul Haynurst	Wages, August, 1913	1 44
41		Charles Pollard	-do	50
42	do	Por Mount	do	9
43	do	A I Corson	do	59
44	Sept. 11	O. E. Staples, Bursar	Sundry bills paid	22
45	Sept. 17	Addressograph Co.	Plates	1 7
46	đo	Alexander Lumber Co	Lumber	2
47	Sept. 29	A. D. Emmett	Salary, September, 1913	166
48	do	J. M. Barnhart	do	133
49	do	Anna C. Glover	do	100
51		M. J. Prucna	Wagaa Cantomban 1012	203
52	Oct 3	C A Dungoth	wages, september, 1915	80
53	Oct. 4	The Claveland Grain Co	Grain	219
54	Jdo	A. J. Corson	Labor	22 166 133 100 200 56 68 211 55
55	do	Paul Havhurst	do	33
56	do	Charles Pollard	do	50
57	Oct. 7	Knowlton & Bennett	Building materials	4
58	do	Stipes & Hecker	Sand	6
59	do	Bacon Brothers	Building materials	4
61	do	Barnnart Brothers	do	-
60	Oct. 13	Payed & Lomb Ontical Co	Chemical symplica	50
63	do 21	Champaign Sood Co	Fooding stuffs	6.
64	Oct. 24	O. E. Stanles Burser	Sundry hills	:
65	Oct. 25	Lawrence Lahr	Stenographer	50
66	do	Morgan, J. E.	Cleaning laboratory	1 1
67	do	Anna C. Glover	Salary, October, 1913	100
68	do	J. M. Barnhart	do	50 61 7 50 15 100 133
69	do	M. J. Prucha	do	208 166
70	<u></u> do	A. D. Emmett	do	166
71	Nov. 3	H. E. Horton	Hauling bulletins	
72	do	Bausch & Lomb Optical Co	Chemical supplies	27
73	Nov. 4	Illinois Central R. R. Co	Freight	27 21 44 22
75	NOV. 5	Harry C. Gilkerson	Expenses	44
78	do	P. W. Garrett	do	22
77	op	Konert W. Stark	ao	20 49
78	ao	H I Snider	Evnances	11
79	uo	C E Burkhart	Labor	13
		V		1 10

#### AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

0.	Date.	To whom.	For what.	Amour
	1913.			
80	Nov. 5	Harrison Fahrnkopf A. Floyd Heck F. K. Robeson Charles Pollard	Expenses	\$ 12 11
81	do	A. Floyd Heck	do	11
82	Nov. 6	F. K. Robeson	Cotton batts	1 54
84	do	A T Corson	wages	54
85	Nov. 7	A. Floyd Heck	Traveling expenses	54 5 21 28
86	do	Geo. W. Matheny	Labor	21
87	do	Frank Morgan	do	28
88	do	William Aten, Sr	do	40 61
89	do	Albert Tate	do	61
01	Nov. 8	H Febrokenf	Traveling expenses	19 14
92	. do.	H. C. Gilkerson	do	19
93	do	E. E. Hoskins	do	28 15
94	do	H. J. Snider	do	15
95	Nov. 10	O. E. Staples, Bursar	Sundry bills	48 1 45
96	Nov. 12	Champaign Seed Co	Oats	1
97	do	C. A. Campbell	Traveling expenses	45
98	do	R. W. Stark	00	14
100	uo	I. E. Whitehurch	do	53 62 70
101	do	J. E. Whitchurch	do	70
$1\tilde{0}\tilde{2}$	Nov. 15	G. W. Medley	Labor	54 14 14
103	do	Harrison Fahrnkopf. A. Floyd Heek F. K. Robeson Charles Pollard. A. J. Corson. A. Floyd Heek Geo. W. Matheny Frank Morgan William Aten, Sr. Albert Tate. A. L. Moats. H. Fahrnkopf. H. C. Gilkerson. E. E. Hoskins. H. J. Snider. O. E. Staples, Bursar Champaign Seed Co. C. A. Campbell. R. W. Stark. F. W. Garrett. J. E. Whitchurch. J. E. Whitchurch. J. E. Whitchurch. J. E. Whitchurch. J. F. Heek H. J. Snider. J. H. Smith General Electric Co. W. C. Coffey. Mark McClure. W. J. Carmichael. W. C. Coffey. J. A. Detlefsen A. D. Emmett H. S. Grindley W. E. Joseph E. W. Balley Thomas Bregger C. S. Crandall H. L. Rietz Elmer Roberts J. E. Whitchurch J. M. Barnhart M. J. Prucha Eugene Davenport Anna Cushman Glover O. S. Fisher Flanigan-Pearson Co Barnhart Bros F. K. Robeson Harrison Fahrnkopf. A. F. Heck H. J. Snider J. H. Sarrett J. J. Snider J. H. Sarrett J. J. Snider J. H. C. Rietz Elmer Roberts J. E. Whitchurch J. M. Barnhart M. J. Prucha Eugene Davenport Anna Cushman Glover O. S. Fisher Flanigan-Pearson Co Barnhart Bros F. K. Robeson Harrison Fahrnkopf. A. F. Heck H. J. Snider John Berlin J. E. Whitchurch Nash Brothers O. E. Staples, Bursar Fairbanks, Morgan O. E. Staples, Bursar Fairbanks, Bursar J. M. Barnhart Eugene Davenport Anna Cushman Glover	Traveling expenses	14
104	do	A. F. Heck	do	14
105	do	H. J. Snider	do	17 113 11
106	do	J. H. Smith	Labor	113
107	Nov. 17	General Electric Co	Office supplies	11
100	1400. 18	Morlz MaCluro	France	11 45
110	Nov. 20	W I Carmichael	Salary November 1913	91
111	do	W. C. Coffey	-d0	266
112	do	J. A. Detlefsen	do	200
113	do	A. D. Emmett	do	166
114	do	H. S. Grindley	do	291 150
115	do	W. E. Joseph	do	150
116	do	E. W. Balley	do	175 116
110	00	C S Crandoll	do	291
110	do	H I. Rietz	do	100
120	do	Elmer Roberts	-do	50 150 133 208
121	do	J. E. Whitchurch	do	150
122	do	J. M. Barnhart	do	133
123	do	M. J. Prucha	do	208
124	do	Eugene Davenport	do	500 100 221
125	ao	Anna Cushman Glover	(Draveling avangag	100
120	NOV. 22	Flonigan-Paarson Co	Pemphlat holders	16
128	do	Barnhart Bros	Hardware	15
129	do	F. K. Robeson	Dry goods	7
130	do	Harrison Fahrnkopf	Traveling expenses	7 33
131	do	A. F. Heck	do	19
132	do	H. C. Gilkerson	do	64
133	do	F. W. Garrett	do	13 12
104	do	H. J. Snider	T abov	100
136	do	I E Whitehurch	Travaling avnances	102 23
137	Nov. 26	Nash Brothers	Ewes.	30
138	do	O. E. Staples, Bursar	Sundry bills	13
139	do	Fairbanks, Morse & Co	Scale	31
140	do	Mittendorf & Kiler	Linoleum	35
141	Nov. 28	O. E. Staples, Bursar	Sundry bills	2 13
142	Dec. 4	J. E. Morgan	Cleaning laboratory	13
140	Dec. 11	O. E. Staples, Bursar	labor	17
144	Dec 16	I M Barnhart	Salary December 1913	17 133
145	do	Eugene Davenport	do	500
146	do	Anna Cushman Glover	do	100
147	do	M. J. Prucha	do	208
148	do	J. E. Whitchurch	do:	150
149	do[	E. W. Bailey	do	175
150	do	Thomas Bregger		116
151	do	O. E. Staples, Bursar.  J. M. Barnhart. Eugene Davenport. Anna Cushman Glover. M. J. Prucha. J. E. Whitchurch. E. W. Bailey. Thomas Bregger. C. S. Crandall. H. L. Rietz. Elmer Roberts. J. A. Detleisen. A. D. Emmett.	d0	500 100 208 150 175 116 291
152	ao	H. D. KIUZ	do	100
123/31	uvl	ramer wonerrs	uo	50 200 166
154	do i			

## AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

163 164 165 166 167 168 169 170	1913. Dec. 16dodododododododododododododododododo	H. S. Grindley. W. E. Joseph. Walker & Mulliken Dallenbach Bros. Percival & Moorehead. Illinois State Reformatory. D. T. Dobbins	Salary, December, 1913dododo:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:do:	\$291
163 164 165 166 167 168 169 170	Dec. 16dododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	H. S. Grindley W. E. Joseph Walker & Mulliken Dallenbach Bros.	Salary, December, 1913	\$291
163 164 165 166 167 168 169 170	do	W. E. Joseph. Walker & Mulliken. Dallenbach Bros.	do	
163 164 165 166 167 168 169 170	do do do Dec. 17	Walker & Mulliken Dallenbach Bros	Office equipment	150
163 164 165 166 167 168 169 170	do .do Dec. 17	Dallenbach Bros	Omce equipment	10
163 164 165 166 167 168 169 170	do Dec. 17 do	D	Laboratory supplies	3 1 24 3
163 164 165 166 167 168 169 170	do Dec. 17 do	Percival & Moorenead	do	1
163 164 165 166 167 168 169 170	Dec. 17	Illinois State Reformatory. D. T. Dobbins. Montgomery Ward & Co. O. E. Staples, Bursar Flanigan-Pearson Co. J. E. Morgan Champaign Seed Co. O. E. Staples, Bursar O. E. Staples, Bursar S. E. Huft & Co. G. E. Staples, Bursar S. E. Huft & Co. M. E. Staples, Bursar S. E. Staples, Bursar Mittendorf & Kiler	Printing	24
164 165 166 167 168 169	do	D T Dobbins	Feeding stuffs	- 3 3
164 165 166 167 168 169 170	Dec 18	Montgomery Word & Co	Laboratory supplies	, , ,
166 167 168 169 170		O by Charles Dunger	Can day bills	5 43 12
166 167 168 169 170	D 10	D. E. Stapies, Bursar	Deinting only	40
167 168 169 170	Dec. 19	Franigan-Pearson Co	Princing	12
168 169 170	Dec. 22	J. E. Morgan	Labor	15
170	do	Champaign Seed Co	Feeding stuffs	6
170	do	O. E. Staples, Bursar	Student labor	4 1
170	Dec. 23	O. E. Staples, Bursar	Sundry bills	1
	Dec. 30	S. E. Huff & Co	Furniture	4
	do	G. E. Stechert & Co	Books	
179	Dec. 31	O E Stanles Burger	Lahor	6
112	1914.	O. H. Stapies, Darsar	Labor	·
170	1914.	Without and for Wilson	Transitions	41
173	jan. 7	Mittendori & Kher	Furniture	41
174	jan. 9	reck & Hills Furniture Co	ao	10 18 9
175 .	Jan. 15	O. E. Staples, Bursar	student labor	18
176	do	O. E. Staples, Bursar	Sundry bills	9
177	do	A. Roland	Feeding stuffs	84
178	Jan. 16	G. E. Stechert & Co. O. E. Staples, Bursar  Mittendorf & Kiler Peck & Hills Furniture Co. O. E. Staples, Bursar A. Roland. J. W. Butler Paper Co. Addressograph Co. Addressograph Co. Assn. of American Agricultural Colleges & Experiment Stations J. M. Barnhart. Anna C. Glover M. J. Prucha H. H. Wheeler J. E. Whitchurch E. W. Bailey Thomas Bregger. Eugene Davenport. A. D. Emmett H. S. Grindley W. E. Joseph H. H. Mitchell H. L. Rietz. Elmer Roberts Flanigan-Pearson Co. R. E. Zombro. Detroit Flower Pot Co. O. E. Staples, Bursar Champaign Seed Co. Eimer & Amend The Taylor Hardware Co The Wabsah R. R D. H. Lloyde. O. E. Staples, Bursar W. J. Hampton. J. E. Morgan Peck & Hills Furniture Co. Walker & Mulliken E. H. Sargent & Co. J. M. Thornburn & Co. J. Litter Staples and Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co. J. M. Thornburn & Co.	Office supplies	2
179	do	Addressograph Co	do	15
180	do.	Assn. of American Agricultural Colleges		
-30		& Experiment Stations	Dues	90
121	Ian 17	I M Barnhart	Salary January 1914	$\frac{20}{133}$
100	лац. II	Anna C. Clavor	do	100
102	uo	M. T. Davisho	do	208
100	qo	III. J. FIUCHA	[u0	200
184	qo	H. H. W Heeler	qo	70 150
185	ao	J. E. Wnitchurch	@0	150
186	do	E. W. Bailey	do	175
187	do	Thomas Bregger	do	116
188	do	Eugene Davenport	do	500
189	do	A. D. Emmett	do	500 166
190	do	H. S. Grindlev	do	291
191	ob	W. E. Joseph	do	150
100	do	H H Mitchell	do	150 133
103	do	H I. Diatz	ob.	100
104		Elmar Daharta	do	50
105		Elanican Decreen Co	Office graphica	14
199		P To Z t	Transpare	14
190	Jan. 20	R. E. Zombro	Tarness	8
197	do	Detroit Flower Pot Co	Laboratory supplies	26
198	Jan. 22	O. E. Staples, Bursar	Sundry bills	35
199	do	Champaign Seed Co	Feeding stuffs	85
200	Jan. 3	Eimer & Amend	Laboratory apparatus	2
201	Jan. 24	The Taylor Hardware Co	Hardware	5
202	do	The Wabash R. R.	Freight	5
203	Jan. 27	D. H. Lloyde	Office supplies	8
204	Jan. 30	O. E. Staples, Bursar	Student labor	11
205	Jan 31	W.I. Hampton	Salary, January 1914	65
206	do or	I F Morgon	do	15
100	Fah 4	Pack & Hills Furniture Co	Office supplies	15 3
000	do. 4	Walker & Mulliker	do auphing	1
(NO)	do	TO TT Comment & Co	T a honotony grammites	010
109	ao	L. H. Sargent & Co	Laboratory supplies	219
101	…do	J. M. Inornburn & Co	ao	3
211 .	do	Illinois State Reformatory	rinting	02
212 .	do	S. E. Huff & Co	Building repairs	2
13	Feb. 6	O. E. Staples, Bursar	Sundry bills	55 11
214	Feb. 13	Lucy Wells Fox	Laboratory apparatus Hardware Preight Office supplies Student labor Salary, January 1914do. Office suppliesdo Printing Building repairs Sundry bills Traveling expenses Freight Hauling	11
215	do	C., C., C. & St. L. Ry. Co	Freight	. 1
216	do	H. C. Horton	Hauling	3
217	do.	W. W. Lindley	Postage	25
18	Feb. 14	E. W. Bailey	Salary, Feb., 1914	175
10	- do - 1	Thomas Bragger	do , = 00., ====	116
200	do	A D Emmett	do	166
ωυ. 101	uo	TT C Crindless	do	291
ZI.	uo	Peck & Hills Furniture Co.  Walker & Mulliken.  E. H. Sargent & Co.  J. M. Thornburn & Co.  Illinois State Reformatory.  S. E. Huff & Co.  O. E. Staples, Bursar  Lucy Wells Fox.  C. C. C. & St. L. Ry. Co.  H. C. Horton.  W. W. Lindley  E. W. Balley  Thomas Bregger  A. D. Emmett.  H. S. Grindley  W. E. Joseph.  H. H. Mitchell  H. L. Rietz  Elmer Roberts  J. M. Barnhart  Anna C. Glover  M. J. Prucha  H. H. Wheeler  J. E. Whichurch  S. E. Huff & Co.  Metzler & Schafer Co.	uv	291
322	ao	w. E. Joseph	qo	150 133
223 .	ao	H. H. Mitchell	do	133
224	do	<u>н</u> . ь. Rietz	do	100
225 .	do	Elmer Roberts	do	50 133
226	do	J. M. Barnhart	do	133
227	do	Anna C. Glover	do	100
228	do.	M. J. Prucha	do	208
220	do	H H Wheeler	do	100 208 70 150
200	40	T E Whitehurch	do	150
100	Fob 90	C F Haff & Co	Lumbor	2
. Lee	T-6D: 70	Watelon & Cabafan Ca	T above tony grantice	í

#### AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

о.	Date.	To whom.	For what.	Amou
	1914.			
233	Feb. 21	O. E. Staples, Bursar Peck & Hills Furniture Co	Sundry bills	\$ 2
234	Feb. 24	Peck & Hills Furniture Co	Furniture	:
235	do	Whitall-Tatum Co	Laboratory supplies	
236	do	W.J. Hampton	Labor	6
237	do	W. W. Walls & Co. D. H. Lloyde.	do	1.
238	do	R. C. Glover	Clerical work	5
239	Feb. 26	E. H. Sargent & Co	Laboratory supplies	
240	mar. s	W. W. Walls & Co	Laboratory apparatus	
241		Mark McClare	Unice supplies	
242	ma. 4	Mark McClure	. LIVE STOCK	1.
240		O. E. Staples, Bursar	Office grampling	1:
	mai. 0	D. H. Lloyde	Office supplies	1.
240	do Mar. 9	Bradner, Smith & Co. O. E. Staples, Bursar	Cundry bills	3
240	Mar. 11	Walker & Mulliken	Dunary bus	3
241	do II	W Lowie & Co	Laboratory supplies	3
240	uo	II D Shodo	Strow	1
249	Mor 19	O F Stoples Burger	Student labor	3
251	do 12	Addroggograph Co	Supplies	9
250 201	do	Povel A Stines	Laboratory guardice	
202	do	Motalor & Schofor Co	do	
254	do	Illinois State Deformatory	Drinting	3
255	Mor 14	A D Emmett	Colory Moreh 1014	16
500	do 14	II C Crindles	Salary, March, 1914	10
257	do	W E Joseph	do	29
100	do	Walker & Mulliken. W. Lewis & Co. H. R. Shade. O. E. Staples, Bursar Addressograph Co. Royal A. Stipes. Metzler & Schafer Co. Illinois State Reformatory. A. D. Emmett H. S. Grindley W. E. Joseph H. H. Mitchell Thos. Bregger H. L. Rietz. Elmer Roberts J. M. Barnhart Anna C. Glover	do	150 133
200	do	The Rragger	do	116
200	do	H I Dieta	do	10
61	do	Flmer Deberts	do	50
201	do	I M Rarnhart	do	133
63	do	J. M. Barnhart. Anna C. Glover M. J. Prucha H. H. Wheeler J. E. Whitchurch. O. E. Staples, Bursar R. C. Glover. W. J. Hampton. J. E. Morgan W. W. Lindley. Kruss Bross	do	100
600	do	M I Pruche	do	208
204	do	LI II Whoolar	40	70
100	do	I F Whitehurch	do	150
67	Mor 20	O F Stoples Burser	Express	190
201	Mor 25	D C Clover	Clarical work	50
60	do 20	W I Hompton	T abor	
770	do	I F Morgon	do	68 18
771	Mor 26	W W Lindley	Postago	
72	do	Kruse Bros.	Fooding stuffs	20 22
72	Mar. 30	Department of Chamistry	Leberatory auntice	38
74	do do	E H Sorgant & Co	do	3
75	do	Kruse Bros. Department of Chemistry E. H. Sargent & Co. F. K. Robeson. J. W. Butler Paper Co. Champaign Seed Co. O. E. Staples, Bursar. Office Supply Storeroom. Paul Becker. Roy Hansen. George E. Frazer, Comptroller. O. E. Staples, Bursar.	do	á
76	do	I W Butler Pener Co	Office cumplies	j
77	do	Champaign Seed Co	Fooding stuffs	i
78	do	O. E. Stanlas Bursar	Sundry dills	28
70	Mar. 31	Office Supply Storeroom	Office supplies	14
20	Apr. 4	Paul Becker	Wages Mar 1914	18
21	do	Rov Hansan	do	40
82	Apr. 7	George E. Frazer, Comptroller	Building renairs	240
83	Apr. 8	O. E. Staples, Bursar	Sundry bills	1
	do	P. D. Foster	Laboratory supplies	2
851	do	Metzler & Schafer Co	do	- E
86	do	Metzler & Schafer Co.  Illinois State Reformatory.	Printing	4
87	Apr. 13	Illinois State Reformatory J. E. Whitchurch O. E. Staples, Bursar O. E. Staples, Bursar Champaign Seed Co. O. E. Staples, Bursar W. J. Hampton I. E. Whitchurch I. M. Barnhart H. A. Harding M. J. Prucha Harry M. Weeter H. H. Weeler Anna C. Glover Anna C. Glover H. H. Mitchell	Traveling expenses	60
88	Apr. 15	O. E. Staples, Bursar	Student labor	8
89	do	O. E. Staples, Bursar	Sundry bills	È
90	Apr. 17	Champaign Seed Co	Feeding Stuffs	Ì
91	Apr. 21	O. E. Staples, Bursar	Student labor	10
92	Apr. 23	W. J. Hampton	Wages, Apr., 1914	75
93	Apr. 24	J. E. Whitchurch	Salary, Apr., 1914	150
94 .	do .	J. M. Barnhart	do	133
95	do	H. A. Harding	do	416
96 .	do]]	M. J. Prucha	do	208
97 .	do ]	Harry M. Weeter	do	. 83
98].	do ]	H. H. Wheeler	do	70
99 .	do 2	Anna C. Glover	do	100
00 .	do	A. D. Emmett	do	166
01 .	.do ]	H. H. Mitchell	do	133
02  .	.do	Thomas Bregger	do	116
03 .	do 1	H. L. Rietz	do	100
04	.do	Elmer Roberts	do	50
05	Apr. 27 J	. E. Morgan	Wages, April, 1914	15
06 .	doi.	J. F. Smith	do	15 70
07 .	do 1	R. C. Glover	do	50
08	.do	H. H. Mitchell. Fhomas Bregger H. L. Rietz. Elmer Roberts. E. Morgan F. Smith R. C. Glover Walker & Mulliken S. E. Huff & Co	Furniture	6
09 .	do	S. E. Huff & Co Bausch & Lomb Optidal Co I'win City Printing Co	Lumber	1
10	.do]	Bausch & Lomb Optidal Co	Laboratory supplies	4
-01.				: 4

#### ${\tt AGRICULTURAL\ EXPERIMENT\ STATION\ VOUCHERS-} Continued.$

312 313 314 315 316 317 318 319 320 321 322	1914. Apr. 27	Charles Mollet.  E. H. Sargent & Co. O. E. Staples, Bursar. D. H. Lloyde. E. H. Sargent & Co. A. M. & L. A. Terwilliger S. E. Huff & Co. John H. Doyle C. A. Kiler. A. C. McClurg & Co. Metzler & Schafer Co. S. E. Huff & Co. Metzler & Schafer Co. S. E. Huff & Co. Addressograph Co. O. E. Staples, Bursar Munhall Printing House. The Thompson & Norris Co. W. Lewis & Co. Eisner Grocery Co. G. C. Willis J. E. Whitchurch J. M. Barnhart. H. A. Harding M. J. Prucha. Harry M. Weeter H. H. Wheeler Anna C. Glover A. D. Emmett. H. S. Grindley W. E. Joseph H. H. Mitchell Thos. Bregger H. L. Rietz Elmer Roberts J. F. Smith R. C. Glover W. J. Hampton. Peck & Hills Furniture Co. E. H. Sargent & Co. Taylor Hardware Co. O. E. Staples, Bursar Sanders Publishing Co. O. E. Staples, Bursar Paul Becker. Oldham Bros C. A. Kiler Spencer-Lens Co. S. E. Huff & Co.		
312 313 314 315 316 317 318 319 320 321 322	Apr. 27			
313 314 315 316 317 318 319 320 321 322	do	Charles Mollet	Office supplies	\$ 18
314 315 316 317 318 319 320 321 322		E. H. Sargent & Co	do	1
316 317 318 319 320 321 322	May 1	O. E. Staples, Bursar	Student labor	19 32 18 55 55 55 13 13 416 208 83
317 318 319 320 321 322	do	D. H. Lloyde	Office supplies	
318 319 320 321 322	Mov 11	A. M. & I. A. Topyrilliger	Caparal supplies	}
319 320 321 322	do 11	S E Huff & Co	Ruilding rapoire	1
320 321 322	do	John H. Doyle	General supplies	1 3
321 322	May 13	C. A. Kiler	Desk	32
322	do	A. C. McClurg & Co.	Books	18
	do	Metzler & Schafer Co	Feeding stuff	8
929	do	S. E. Huff & Co	Lumber	:
324	do	Addressograph Co	Office equipment	
325	May 16	O. E. Staples, Bursar	Student labor	5
326	do	Munhall Printing House	Office supplies	
327	May 21	The Thompson & Norris Co	Unice supplies	1.
320	do	Figner Gregory Co	Conoral supplies	
330	do	G C Willie	do do	}
331	May 26	J.E. Whitchurch	Salary May 1914	150
332	do	J. M. Barnhart.	do.	133
333	do	H. A. Harding	do	410
334	do	M. J. Prucha	do	20
335	do	Harry M. Weeter	do	8
336	do	H. H. Wheeler	do	7
337	do	Anna C. Glover	do	100
338	do	A. D. Emmett.	do	160
339	do	H. S. Grindley	do	29.
340	00	W.E.JOSEPH	do	10
349	do	The Brogger	do	116
343	do	H I. Riotz	do	100
344	do	Elmer Roberts	do	50
345	do	J. F. Morgan	Wages May 1914	12
346	do	J. F. Smith	do.	70
347	do	R. C. Glover	do	50
348	do	W. J. Hampton	do	78
349	May 28	Peck & Hills Furniture Co	Furniture	
350	do	E. H. Sargent & Co	Laboratory supplies	2
351	do	Taylor Hardware Co	Farm machinery	
352	may 29	O. E. Staples, Bursar	Sundry buis	•
254	Tuno	O F Stanles Burger	Sundry bills	1
355	June 6	Paul Recker	Wages May 1914	1
356	do	Oldham Bros	Laboratory supplies	3
357	do	C. A. Kiler	Furniture repairs	
358	do	Spencer-Lens Co	Soundry bills.  Wages, May, 1914 Laboratory supplies. Furniture repairs. Laboratory apparatus. General supplies Student labor. Leboratory supplies	12
359	do	S. E. Huff & Co	General supplies	2
360	June 9	O. E. Staples, Bursar	Student labor	
361	do	E. H. Sargent & Co	Laboratory supplies	2
362	do	A. N. Marquis & Co	Books	
363	June 12	Bausen & Lomb Optical Co	Laboratory apparatus	100
304	do	Western Floatric Co	Office equipment	10
366	June 18	Illinois State Reformatory	Printing	16
367	. do	Metzler & Schafer Co	Laboratory supplies	29 153 111 11 10 10 10 11 11 11 11 11 11 11 11
368	do	John Heffernan & Son	do	
369	do	Eimer & Amend.	do	34
370	do	Champaign Seed Co	Feeding stuffs	
371	June 18	J. M. Barnhart	Salary, June, 1914	133
372	do	H. A. Harding	ao	416 208
373	do	M. J. Prucha		208
0/4	ao	Harry M. Weeter		88
378	uo	Anna C. Glover	do	70 100
377	do.	A. D. Emmett	do	166
378	do	H. S. Grindlev	do	166 291
379	do	W. E. Joseph	do	150
380	do	H. H. Mitchell	do	150 133
381	do	Thomas Bregger	do	116
382	do	H. L. Rietz	do	110 100 50 9 8 2 94 11
383	do	Elmer Roberts	do	50
384	June 19	A. E. C. Lathrop	Laboratory supplies	9
385	June 22	Omce supplies stores, U. of I	Omce supplies	8
307	o	O. E. Stajies, Julsai Paul Becker Oldham Bros C. A. Kiler Spencer-Lens Co S. E. Huf & Co. O. E. Staples, Bursar E. H. Sargent & Co. A. N. Marquis & Co. Bausch & Lomb Optical Co. Champaign Seed Co. Western Electric Co. Illinois State Reformatory Metzler & Schafer Co. John Heffernan & Son Eimer & Amend Champaign Seed Co. J. M. Barnhart H. A. Harding M. J. Prucha Harry M. Weeter H. H. Wheeler A. D. Emmett H. H. Wheeler A. D. Emmett H. H. Mitchell Thomas Bregger H. L. Rietz Elmer Roberts A. E. C. Lathrop Office Supplies Stores, U. of I. Supervising Architect, U. of. I. Spencer-Lens Co. Chemistry Storeroom, U. of I. Edward Pennock O. E. Staples, Bursar	Taboratory apparetus	04
300	uo	Chamietry Storaroom II of I	Laboratory apparatus	94 11
380	do	Edward Pennock	do	91
390	June 22	O. E. Staples, Bursar	Student labor	21 51

#### AGRICULTURAL EXPERIMENT STATION VOUCHERS-Concluded.

#### SCHOOL OF PHARMACY VOUCHERS.

1 1		i	
1913.			
1 July 3 W. I	B. Day, Actuary	One cent stamps	<b>\$1</b> 85 00
2 July 2 The	Western Union Telegraph Cobins Hardware Co	Clock rental	3 00
3 do Steb	bins Hardware Co	Hardware	5 12
4 do High	School Life	Advertising	8 00
5do Fulle	er & Fuller Co	Drugs	18 89
6 do Exce	elsior Laundry Co	Laundry work	4 09
7do Heni	ry Bosch Co	Merchandise	7 15
8 do The	Bulletin of Pharmacy	Advertising	7 50
9 do Burg	meier Book Bindery	Binding	1 70
10 do Allai	re, Woodward & Co	Drugs	48 21
11do M. H	I. Fairchild & Bro	Soap powder	9 30
12 do Chies	ago Mill & Lumber Co	Boxes	16 80
13 July 16 W. I	3. Day, Actuary	Bills paid	67 72
14 July 25 W. H	B. Day, Actuary	Advance of money for petty cash	
1 1		fund	250 00
15 Aug. 19 Steb	bins Hardware Co	Files	39 10
			23 95
17 do H. S.	. McCracken Box & Label Co	Labels	7 00
18 . do Henr	ry Bosch Co	Supplies	4 20
19 do Henr	v Bosch Co	do	5 82
20 Aug. 26 Natio	Donohue & Co. McCracken Box & Label Co. ry Bosch Co. ry Bosch Co. onal Assn. of Retail Druggists. Haynes & Co. School Life. Sargent & Co. ois State Reformatory.	Advertising	21 27
21 do D.O	Havnes & Co	-do	27 00
22 do High	School Life	do	8 00
23 do E H	Sargent & Co	Laboratory apparatus	87 20
24 do Illino	nie Stata Raformatory	Sunnlies	27 10
25 Oct. 17 W. E	B. Day	Supplies	131 96
26 Oct. 28 H. M	Paid	Refund of fees	89 00
27 Nov. 4 W. E	I. Reid	Defunds and incidentals	127 97
28 Nov. 19 A. J.	Masty	Pofund of tuition	37 50
	ey & Poague, Agents	Rent, December, 1913	500 00
30 Nov. 26 Char	les L. Parsons, Secretary American	Kent, December, 1915	500 00
30 Nov. 20 Char	emical Society	Journals	10 50
OI de Tilim	of Class Co	T about any amplies	3 65
31 do Illino	ois Glass Co.	Incidentals	
32 Dec. 4 W. E	B. Day, Actuaryer & Fuller Co	T ab and the second	103 97
33 do Fund	er & Fuller Co	Laboratory supplies	20 76
34 do E. H	Sargent & Cotyle Co	04	9 91
35do Neos	eral Chemical Co.	T ab and an all a	1 75
36 do Gene	rai Cnemicai Co	Laboratory supplies	1 38
37 Dec. 5'Stan	ton & Stanton	Cleaning windows	14 60
38 Dec. 10 Cons	umers Co	Laboratory supplies	2 80
39doUniv	versity of Chicago Press	Botanical Gazette	6 30
40 Dec. 12 Josep	oh Alexander	Heating and lighting supplies	18 30
41do M. A	. Donohue & Co	Office supplies	2 00
42 do Biltr	nore Nurseryer & Fuller Co	Laboratory supplies	1 50
43 Dec. 13 Full	er & Fuller Co	Laboratory supplies	14 80
44 Dec. 19 Fulle	er & Fuller Co	do	9 71
45 do  McK	ey & Poague, Agentstyle Co.	Rent, January, 1914	500 00
46 Dec. 22 Neos	tyle Co	Office supplies	1 75
47do Siege	el Cooper & Co	do	3 20
48doE. H	[. Sargent & Co	Laboratory supplies	1 05
49 Dec. 30 Illine	ois State Penitentiary	Furniture	31 50
1 1	•	1	

## SCHOOL OF PHARMACY VOUCHERS—Continued.

0.	Date.	To whom.	For what.	Amou
	1913.			
50	Dec. 30	E. H. Sargent & Co	Laboratory supplies	\$ 5
51	Dec. 31	E. H. Sargent & Co	Cundus bills	105
53	do	E. H. Sargent & Co. E. H. Sargent & Co. W. B. Day, Actuary M. A. Donohue & Co.	Laboratory supplies	103
54	Jan. 7	M. A. Donohue & Co.  J. W. Butler Paper Co. Illinois State Reformatory. Stanton & Stanton E. H. Sargent & Co. Herbert Carlson. Fuller & Fuller Co. Parke, Davis & Co. E. H. Sargent & Co. Encyclopaedia Brittanica Co. American Pharmaceutical Assn. Wan Soo Lee. McKey & Poague, Agents. Consumers Co. Fuller & Fuller Co. Neostyle Co. John V. Farwell Co. H. A. Astlett & Co. Anchor Core Soap Co. The Alumni Assn. C. C. Bradley W. B. Day. M. A. Donohue & Co. Journal of Infectious Diseases. Fuller & Fuller Co. Huller & Fuller Co. Harold Todd Anthony F. Mordente. Joseph Alexander. Lehn & Fink Fuller Co. Fuller & Fuller Co.	Office supplies. Printing Laboratory suppliesdo Rebates Laboratory suppliesdo .do .do .do Books Advertising Refund of tuition Rent, February, 1914 Laboratory supplies .do .Office supplies Laboratory supplies .do .do	19
56	Ton 12	Stanton & Stanton	Laboratory supplies	16
57	- do	E. H. Sargent & Co.	.do	18
58	do	Herbert Carlson	Rebates	35 70 70 140 140 55 500 29 29 15 15 15 16 16
59	do	Fuller & Fuller Co	Laboratory supplies	70
60	Jan. 19	Parke, Davis & Co	do	11
62	do	Encyclopaedia Brittanica Co	Books	140
63	do	American Pharmaceutical Assn	Advertising.	
64	Jan. 20	Wan Soo Lee	Refund of tuition	5
65	do	McKey & Poague, Agents	Rent, February, 1914.	509
66	Jan. 22	Consumers Co	Laboratory supplies	່ ຄໍ
68	do 20	Neostyle Co	Office supplies	"
69	Jan. 27	John V. Farwell Co	Laboratory supplies	1.
70	do	H. A. Astlett & Co	do	1
71	do	Anchor Core Soap Co	do	9
72	do	The Alumni Assn	dodododododododo	9
74	uo	W B Day	Incidentals	15
75	Feb. 4	M. A. Donohue & Co.	Office supplies.	1
76	do	Journal of Infectious Diseases	Subscription	
77	Feb. 5	Fuller & Fuller Co	Laboratory supplies	
78	Feb. 9	Fuller & Fuller Co	Refund twition	9
80	Feb 13	Anthony F Mordente	Refund of tuition	38 10
81	Feb. 16	Joseph Alexander	Supplies	- 7
82	do	Antiony F. Moderic Joseph Alexander. Lehn & Fink Fuller & Fruler Co. E. H. Sargent & Co. Journal of the American Medical Assn. William Graham & Co. McKey & Poague. Ernst Leitz. E. H. Sargent & Co. City Collector, Chicago, Ill. Chicago Medical Book Co. W. B. Day, Actuary Consumers Co. General Chemical Co. Fuller & Fuller Co. Leonie Okoniewski. Fuller Co. Oliver Typewriter Co. M. H. Fairchild & Brother Consumers Co.	do	136
83	Feb. 17	Fuller & Fuller Co	Laboratory supplies	10
84	do	E. H. Sargent & Co	Subscription	
85 86	do	William Graham & Co	Renairs	1
87	Feb. 19	McKey & Poague	Repairs. Rent, March, 1914. Laboratory supplies	50
88	Feb. 23	Ernst Leitz	Laboratory supplies	500 18
89	do	E. H. Sargent & Co	Jaboratory supplies	1 4
90 91	do	Chicago Medical Book Co	Books	142 66 143 143
95	Mar. 3	W. B. Day Actuary	Sundry bills	143
93	do	Consumers Co	Laboratory supplies	
94	do	General Chemical Co	do	
95	do9	Fuller & Fuller Co	Defend of food	- 1
90	Mar. 10	Fuller & Fuller Co	Laboratory supplies	1
98	do	Oliver Typewriter Co	Office supplies	1
99	do Mar. 17	M. H. Fairchild & Brother Consumers Co. Neostyle Co. Monroe Robertson Consumers Co. McKey & Poague, Agents Burgmeier Book Bindery E. H. Sargent & Co. Rounds-Truman Co Stanton & Stanton W. B. Day, Actuary Western Union Telegraph Co. E. H. Sargent & Co Fuller & Fuller Co Consumers Co. Neostyle Co. E. H. Sargent & Co.	dododododododod	
.00	Mar. 19	Consumers Co	General supplies	
LU.	do	Neostyle Co	Office supplies	]
.02	Mar. 25	Congumers Co	Lebergtery supplies	3
.03 .04	do	McKey & Possue, Agents	Rent. April. 1914	500
.05	Mar. 26	Burgmeier Book Bindery	Books	10
.06	Apr. 4 do	E. H. Sargent & Co	Laboratory supplies	10
.07	do	Rounds-Truman Co	Printing	14
08	do	W R Doy Actuary	Sundry bills	09
10	Apr. 7	Western Union Telegraph Co	Time service	
ĩĩ	Apr. 7	E. H. Sargent & Co.	Laboratory supplies	98 6 13
.12	Apr. 8	Fuller & Fuller Co	do	13
.13	Apr. 8 Apr. 9 Apr. 14	Consumers Co	do	
14 15	Apr. 14	Neostyle Co	Unice supplies	72
16	Apr. 15	The American Pharmaceutical Assn	Advertising	16
17	Apr. 16	W. B. Day, Actuary	Rebates	208
18	Apr. 16 Apr. 17	Joseph Sendecki	Refund	
19	Apr. 24	McKey & Poague, Agents	Rent, May, 1914	500
20	Apr. 24 Apr. 28	Frank U. Peers	Rent.	50
$\frac{121}{22}$	Apr. 29	Fuller & Fuller Co	Laboratory supplies	500 50 25
23	May 7	The Alumni Assn	Advertising	8
124	do	Consumers Co Neostyle Co. E. H. Sargent & Co. The American Pharmaceutical Assn. W. B. Day, Actuary Joseph Sendecki. McKey & Poague, Agents. Frank O. Peers W. T. Robinson. Fuller & Fuller Co. The Alumni Assn. Stanton & Stanton High School Life. Siegel, Cooper & Co. E. H. Sargent & Co.	do do do Office supplies Laboratory supplies Advertising Rebates Refund Rent, May, 1914 Rent Printing Laboratory supplies Advertising General labor Advertising Advertising	13 8
125	do	High School Life	Advertising. General supplies. Laboratory supplies.	
.26	May 13 May 14	Siegel, Cooper & Co	General supplies	15
	⊔wua.V 14.I	. п. рагуень & UO	Laboratory supplies	2

# SCHOOL OF PHARMACY VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
129 130 131	May 2 June 1	W. B. Day, Actuary McKey & Poague, Agents. High School Life W. B. Day, Actuary. W. B. Day, Actuary.	Advertising  Sundry bills	8 00

#### COLLEGE OF MEDICINE VOUCHERS.

			1	
	1913.	Di-minima Grandler & Dave of Co	Gampling	
1	july II	Physicians, Supply & Drug Co	Supplies	\$ 1
2	July 15	Hamblin Plumbing Co	Building repairs	26
3	do	Pasteur's Laboratories of America	Tubercuin	2
4	do	Physicians' Supply & Drug Co	Heating supplies	33
5	do	Fuller & Fuller Co.  Morrisson, Plummer Co.  The American Schoolmaster.  Chicago Towel Co.  Mallory & Mitchell  Western Union Telegraph Co.  Western Fuel Co.  William H. Guild & Co.  Scheidel-Western X-Ray Coil Co.  Siegel, Cooper & Co.  Maas Brothers.  Goder-Heiman Co.  O. Carliczek & Co.	Laboratory supplies	55
6	do	Morrisson, Plummer Co	do	22
7	do	The American Schoolmaster	Advertising	6
8	do	Chicago Towel Co	Towel service, June, 1913	24
9	do	Mallory & Mitchell	Advertising	2
10	do	Western Union Telegraph Co	Rentals	15
11	do	Western Fuel Co	Coal	83
12	do	William H. Guild & Co	Books	. 11
13	do	Scheidel-Western X-Ray Coil Co	Cartage, rental	7
14	do	Siegel, Cooper & Co	Rubber boots	4
15	do	Maas Brothers	General supplies	5
16	do	Goder-Heimen Co	Laboratory supplies	161
17	do	O Carliegal & Co	do	144
10	do	E C Hartwell Co	Cool	93
10	qo	Chicago Molambana Co	Tolonhone corries	93
18		Goder-Heiman Co O. Carliczek & Co. F. G. Hartwell Co. Chicago Telephone Co. Goodhart's Laundry Dr. Charles P. Emmerson. Josiah Barfield, Treasurer High School Liie. Remington Typewriter Co. Chicago Examiner Heath & Milligan Mig. Co. Chicago Examiner R. L. Polk & Co. Dr. G. H. Whipple. William H. Browne W. H. Browne	T orandary	11
20	ao	Goodnary's Laundry	Daunui y	31
21	July 18	Dr. Charles P. Emmerson	Traveling expenses	13
22	July 25	Josiah Barfield, Treasurer	Advertising	100
23	Aug. 23	High School Lite	Advertising	30
*24	do	Remington Typewriter Co	Ribbons	3
25	do	Chicago Examiner	Advertising	17
26	do	Heath & Milligan Mfg. Co	General supplies	25
27	do Aug. 26	Chicago Examiner	Advertising	41
*28	A119. 26	R. L. Polk & Co.	Polk's Dental Register	10
29	Aug. 27 Sept. 8 Sept. 17 Oct. 8	Dr G H Whinnle	Traveling expenses	47
20	Sont 8	William H Browns	Expenses	224
21	Goot 17	W U Browns	Patty hills noid in each	217
37	Dept. 1	H D Obordorfor	Evnances	217
92	Oct. 14	TIVILLA TI Dancera	Botty oach	15
00	Oct. 14	william H. Browne	I about	252
34	Oct. 15	Julius Johnson City of Chicago	Dayres and of made and instance	135
35	Oct. 17	Board of Education, City of Chicago	Payment of note and interest	10,166
	Oct. 25	William H. Browne	Petty cash	244
37	Nov. 7	William H. Browne H. D. Oberdorfer William H. Browne Julius Johnson Board of Education, City of Chicago. William H. Browne E. G. Hakanson	Salary, September, 1913	25
38	do	Geo. Schulze	do	21
39	do	Barbour	do	25
40	Nov. 26	William H. Browne	Petty cash	239
41	Dec. 4	J. S. Tomlinson, Cashier	Balance salary, October and No-	
		0 1 NO 2 0222-2200 0 224	vember, 1913	50
42	do	Henry W. Cole	do	80
43	do	Mahla L. Arnason	do	30
44	do	Geo. Schulze Barbour William H. Browne J. S. Tomlinson, Cashier  Henry W. Cole. Mable L. Arneson Eric Froberg George A. Culver. Merritt O. Wilkins Arthur W. Head Dr. V. H. Moon Louis E. Larsen. Chicago Savings Bank & Trust Co. Frank V. Earle	do	30
15	Dag	George A Culver	Refund of tuition	90
10	100. O	Marritt O Williams	Rahata on . aas	90
47	Dog 1,	Arthur W Hood	Laboratory supplies	45
46	Dec. 19	Dr V H Moon	Solory November 15 20 1012	44
48	Tec. To	DI. V. H. MUULL	Tritorest	25
49	Dec 18	Louis E. Larsen. Dead & December C.	111001020	1,650 1,818 3,302
50	do	Unicago Savings Bank & Trust Co	ao	1,818
51	do	Frank V. Earle. William H. Browne. James W. North.	ao	3,302
52	Dec. 23	William H. Browne	Sunary buls	230
53	Dec. 29	James W. North	Salary, December, 1913	70
54	do	Harry Schultz	do	35
- 1	1014	·		
55	Jan. 14	S. S. White Dental Mfg. Co	Laboratory supplies	1
56	do	S. S. White Dental Mfg. Co	do	10
57	do	Marshall Field & Co	-do	4
58		Siegel Cooper & Co	.do	2
50	do	Garbar & Rolotin Studio	do	6
60		C. I. Frama Dantal Co.	do	27
OU	qo	Mrs. Ella Michaels. Marshall Field & Co. Siegel, Cooper & Co. Gerber & Bolotin Studio. C. L. Frame Dental Co. Morrison, Plummer & Co. Chicago Medical Book Co.	do	
01	do	Objects Medical Book Co	Officeaupplies	49
امع			COUGESHIDHES	. 2

<sup>\*</sup> Canceled.

# COLLEGE OG MEDICINE VOUCHERS-Continued.

0.	Date.	To whom.	For what.	Amou
	1914.	Freeman-Sweet Co. American-German Boller Compound Co. V. Mueller & Co. Fuller & Fuller Co. Heath & Milligan Mfg. Co. Heath & Milligan Mfg. Co. Heath & Milligan Mfg. Co. Heath & Milligan Mfg. Co. Heath & Starck & Sons. Kaseus Express & Van Co. Hamblin Plumbing. Goodhart's Laundry Library Bureau. William H. Browne. Central Scientific Co. F. J. Burns & Co.		
63	Jan. 14	Freeman-Sweet Co	Electrical suppliesGeneral supplies	\$ 25 2 15
65		W Mueller & Co	de de	15'
66	do	Fuller & Fuller Co	do	
67	do	Heath & Milligan Mfg. Co	-do	15 25 60 15
68	do	Edward Cohen	License	2
69	do	Nick Starck & Sons	License Labor Laundry Labor Sundry bills Laboratory supplies .do .do .do .do	. 60
70	do	Kaseus Express & Van Co	Expenses	18
71	do	Hamblin Plumbing	Plumbing	1.
72	do	Goodhart's Laundry	Laundry	46 20 28 9
73	do	Library Bureau	Labor	20
74	Jan. 10	Control Scientific Co	Sundry bills	28
76	Jan. 22	F T Burne & Co	do	9.
77	do	Morrison Plummer & Co	do	7
78	do	Fuller & Fuller Co	do	• ;
79	do	People's Gas Light & Coke Co	Gas	2
80	do	A. Daigger & Co	Laboratory supplies	27 176
81	do	E. H. Sargent & Co	do	25
82	Jan. 23	Chicago Medical Book Co	Office supplies	25
83	do	V. Mueller & Co	Laboratory supplies	19
84	do	A. Daigger & Co	do	
85	do	Fuller & Fuller Co	ao	350
86	do	Goodhart's Laundry Library Bureau William H. Browne Central Scientific Co F. J. Burns & Co Morrison, Plummer & Co. Fuller & Fuller Co. People's Gas Light & Coke Co. A. Daigser & Co. E. H. Sargent & Co. Chicago Medical Book Co V. Mueller & Co. A. Daigser & Co. E. H. Sargent & Co. Fuller & Fuller Co. S. S. White Dental Mig. Co. Maas Brothers H. M. Hooker Co. People's Gas Light & Coke Co. Chicago Medical Book Co Chicago Medical Book Co Illinois State Reformatory A. Kroch & Co. Bennett's Newspaper & Magazine Agency S. S. White Dental Mig. Co. Stebbins Hardware Co. Maas Bros Otis Elevator Co. Western Lumber Co M. F. Bremer Sharp & Smith. Illinois Surety Co. M. J. Corboy Co. Armour & Co. E. H. Sargent & Co. V. Mueller & Co. A. Daigser & Co. Ahrens & Schreiner Morrison, Plummer & Co. Physicians' Supply & Drug Co. R. D. Swisher Mig. Co. M. J. Corboy Co. Siegel, Cooper & Co. Mass Bros William H. Browne Illinois Surety Co. H. W. Cole C. C. Conley. Cameron, Amberg & Co The Globe Wernicke Co A. C. McUlurg & Co. A. C. McUlurg & Co. A. Thens & Schreiner Morrison, Plummer & Co. Ernst Leitz Ahrens & Schreiner Morrison, Plummer & Co. Ernst Leitz Ahrens & Schreiner A. Daigger & Co. Commonwealth Edison Co. Otts Elevator Co. C. L. Frame Dental Supply Co V. Mueller & Co. A. C. McClurg & Co. Almenis & Schreiner A. Daigger & Co. Commonwealth Edison Co. Otts Elevator Co. C. L. Frame Dental Supply Co V. Mueller & Co. A. C. McClurg & Co. Almablin Plumbing Co. E. L. Sommers Ahrens & Schreiner A. Daigger & Co. Mass Bros  Mass Bros.	Ruilding material	29
87	do	Maas Brothers	Dunging material	21
80	uo	Paonla's Gas Light & Coka Co	Goo	12
anl	Ian 26	Chicago Medical Book Co	Books	545
91	do	Illinois State Reformatory	Printing	545 85
92	do	A. Kroch & Co	Books.	447
93	do	Bennett's Newspaper & Magazine Agency	Magazines	108 3 46 35
94	Jan. 27	S. S. White Dental Mfg. Co	Laboratory supplies	108
95	do	Stebbins Hardware Co	do	
96	do	Maas Bros	do	46
*97	do	Otis Elevator Co	Building repairs	35
98		Western Lumber Co	Equipment	18
100		Chara & Smith	Laboratory supplies	16
101	do	Illinois Surety Co	Premium	12
102	do	M. I. Corboy Co	Building renairs	158
103	do	Armour & Co	Laboratory supplies	200
104	do	E. H. Sargent & Co	do	219
105	do	V. Mueller & Co	do	219
106	do	A. Daigger & Co	do	
107	do	Ahrens & Schreiner	do	10
108	do	Morrison, Plummer & Co	do	122 1
109	do	Physicians' Supply & Drug Co	Office grampling	1.
110		M. T. Corbon Co.	Puilding renaire	250
111	uo	Signal Cooper & Co	Laboratory supplies	358 11 10
113	Ian 28	Maas Bros	do	. 10
114	do	William H. Browne	Sundry hills	19
115	do	Illinois Surety Co	Premium	-09
116	do	H. W. Cole.	Labor	40
117	do	C. C. Conley	[do	40
118	Jan. 31	Cameron, Amberg & Co	Printing	10
119	do	The Globe Wernicke Co	Office supplies	19
120	do	A. U. McUlurg & Co.	Duilding motorial	19
121	do	A mas senool supply Co	Laboratory supplies	20
122	do	Armour Fartilizar Works	do	20
24	do.	Albert Schmidt	do	1, 510
25	do	Morrison, Plummer & Co	-do	1,010
126	do	Ernst Leitz	.do	678
127	do	Ahrens & Schreiner	do	91
128	do	A. Daigger & Co	do	91
129	Feb. 6	Commonwealth Edison Co	Electricity	189
130	do	Otis Elevator Co	Building repairs	32
131	Feb. 14	C. L. Frame Dental Supply Co	Laboratory supplies	29 266
132	do	V. Mueller & Co	do	266
133	do	A. U. McClurg & Co	00	45 19
134	do	Morrison, Flummer & Co	Dlumbing	16
130	oo	E I Sommers	Ruilding metarie	27 41
137	uo	A hrans & Schrainer	Laboratory supplies	4.5
120	do	A. Daigger & Co	-do	33 46 77
		w-ppv. w vv		40
139	ob	Bradner-Smith Co	Ld0	41

<sup>\*</sup> Cancelled.

#### COLLEGE OF MEDICINE VOUCHERS-Continued.

0.	Date.	To whom.	For what.	Amoun
	1914.	S. S. White Dental Mfg. Co. Nick Starck & Sons. City of Chicago, Elevator Department. John H. Smith Western Fuel Co. F. G. Hartwell Co. Chicago Telephone Co. Chicago Towel Co. Goodhart's Laundry Bausch & Lomb. H. W. Johns-Manville Co. Physicians' Supply & Drug Co. Sprague, Warner & Co. Ernst Leitz. Ella R. Michaels. F. J. Burns & Co. Borden's Condensed Milk Co. Library Bureau. Kasen's Express Co. Morrison, Plummer & Co. A. C. McClurg & Co. V. Mueller & Co. A. Daigger & Co. Ernst Leitz. Colonial Hospital Supply Co. The Tablet & Ticket Co. Fred Leaver. F. J. Burns & Co. Arthu Ochs. Hemtley Dairy Co. Eric Hakansson. Ahrens & Schreiner Wanner Machine Co. James M. White. W. M. Crilly Co. International Forwarding Co. A. Kroch & Co. Chicago Medical Book Co. Checological Sole Co. Checologo Medical Book Co. Co. Consol Book Co. Chicago Medical Book Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.		
141	Feb. 14	S. S. White Dental Mfg. Co	Laboratory supplies	\$130 60
142	do	Nick Starck & Sons	Labor	60
143	do	Iohn H Smith	Tools	2 1
145	do	Western Fuel Co.	Coal	269
146	do	F. G. Hartwell Co	do	269 510
147	do	Chicago Telephone Co	Telephone	11 24
148	do	Chicago Towel Co	Laundry	24
149 150	do	Rough & Lomb	Laboratory supplies	55 7
151	do	H. W. Johns-Manville Co	-do	i
152	do	Physicians' Supply & Drug Co	do	25 9
153	do	Sprague, Warner & Co	do	9
54	do	Ernst Leitz	do	10 6
55	do	Ella R. Michaels	do	6
57	uo	Rordon's Condensed Mills Co	do	9
58	do	Library Bureau	do	15
59	Feb. 16	Kasen's Express Co	Freight	15 59
60	Feb. 20	Morrison, Plummer & Co	Laboratory supplies	118
61	do	A. C. McClurg & Co	do	118 29 5 26 74 13 3
162	do	V. Mueller & Co	do	5
63	do	A. Daigger & Co	do	26
65	do	Colonial Hospital Supply Co	do	12
66	do	The Tablet & Ticket Co	do	10
67	do	Fred Leaver	_do	9
68	do	F. J. Burns & Co	do	21 6
.69	do	Arthur Ochs	do	6
170	do	Hemtley Dairy Co	do	3
171	do	Eric Hakansson	do	4 3 9
172	do	Monney Machine Co	Office againment	9
174	do	Tomog M. White	Omce equipment	9 7
75	do	W M Crilly Co	Building contract	774 10
76	do	International Forwarding Co.	Expenses	110
77	do	A. Kroch & Co	Books	-ŏ
.78	do	Chicago Medical Book Co	do	9 30
.79	do	People's Gas Light & Coke Co	Gas	45 65
80	Feb. 23	Bausch & Lomb Optical Co	Laboratory supplies	65
181	do	Physicianal Supply & David Co		\ 2
182	do	Heath & Milliagn Mfg Co	do	14 16
184	do	Consumers Co	do	7
185	do	Morrison, Plummer & Co	do	18
186	do	Ernst Leitz	do	18 253 160
187	do	Western Bank Note & Engraving Co	Printing	160
188	do	People's Gas Light & Coke Co	Gas	21 16
189	do	Maas Bros	Building material	16
190	do	Western Lumber Co	Lamber	28
เดง	do	Dr John F Riddle Secretary-Treesurer	Dumper	9
U		American Institute of Dental Teachers.	Membership fee	20
193	do	William H. Browne, Secretary	Sundry bills	2.6 12
194	Feb. 27	Morrison, Plummer & Co	Laboratory supplies	12
95	do	V. Mueller & Co	do	24
196	do	Fuller & Fuller Co		303 303 3
197	ao	Rouseh & Lomb Ontical Co	do	903
199	. do	Arthur Ochs	_do	24
200	do	E. H. Sargent & Co.	_do	6
201	do	Monahan Antiseptic Co	do	6 46 7
02	do	Eimer & Amend	do	7
203	do	L. C. Carden	do	4 6
204	do	H. W. Johns-Manville Co	do	6
205	do	Fleischer Paper Box Co	Office graphics	5 89
200	do	Vala Slot & Slug Co	do	2
202	do	Maas Bros.	Building material	2 3
209	do	Pittsburgh Plate Glass Co	do	8 40 13
210	do	Western Lumber Co	do	40
211	do	Commonwealth Edison Co	Electric power	13
212	do	Casey A. Wood	Books	175
213	00	A. Kroch & Co	do	150
214	00	Unicago Medicai Book Co	Rangire	175 17 152 8
410 010	Mar. 4	James M. White W. M. Crilly Co. International Forwarding Co. A. Kroch & Co. Chicago Medical Book Co. People's Gas Light & Coke Co. Bausch & Lomb Optical Co. Fuller & Fuller Co. Physicians' Supply & Drug Co. Heath & Milligan Mig. Co. Consumers Co. Morrison, Plummer & Co. Ernst Leitz. Western Bank Note & Engraving Co. People's Gas Light & Coke Co. Maas Bros. S. White Dental Mig. Co. Western Lumber Co. Dr. John F. Biddle, Secretary-Treasurer, American Institute of Dental Teachers. William H. Browne, Secretary. Morrison, Plummer & Co. Fuller & Fuller Co. A. Daigger & Co. Bausch & Lomb Optical Co. Arthur Ochs. E. H. Sargent & Co. Monahan Antiseptic Co. Eimer & Amend L. C. Carden. H. W. Johns-Manville Co. Fleischer Paper Box Co. A. C. McClurg & Co. Yale Slot & Slug Co. Maas Bros. Pittsburgh Plate Glass Co. Western Lumber Co. Commonwealth Edison Co. Casey A. Wood. A. Kroch & Co. Chicago Medical Book Co. W. H. Taggart. John Philips. Remington Typewriter Co. Western Fuel Co.	Salary, January and February	74
		la our a umbe	Comply outlier Janu Poblacity	1 17
217	Mar. 9	Remington Typewriter Co	Office supplies	19

#### COLLEGE OF MEDICINE VOUCHERS - Continued.

D <b>.</b>	Date.	To whom.	For what.	Amo
_	1914.	Madison Teaming Co A. C. McClurg & Co Western Union Telegraph Co International Instrument Co Maas Bros. V. Mueller & Co A. Daigger & Co C. H. Ward E. H. Sargent & Co C. H. Ward E. H. Sargent & Co Chicago Pulley & Shafting Co Bradner-Smith Co Barron Bros. Coal Co Thos. J. Du & Co Fairbanks, Morse & Co Morrison, Plummer & Co V. Mueller & Co Gallaher & Co Gallaher & Co Gallaher & Co Commonwealth Edison Co O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Diling Mary Suvoon Mary Suvoon Dr. E. M. Heacock Dr. C. Cullen O. E. Staples, Bursar A. Daigger & Co Thos. J. Du & Co Dr. E. M. Heacock Dr. C. C. Cullen O. B. Rensch A. F. J. Leckleider W. S. Howard Ralph King Felicano Sombito S. O. Cotton H. C. Carothers Ladislav Stolfa Joseph Seilin B. V. McClanahan Max Brachvogel E. G. Nadeau L. A. Tarkowsky Chas. C. Conley C. Geo. Appelle Frank R. Richardson Clayton Alder John T. Groot O. G. Fischer Mrs. Clara Roushausen Arthur Ochs Dr. Geo. J. Lorch Chas. P. Eck Ethel E. Watson Wm. C. Kelley John Kolan James J. Burns Simon David Elia George John Kastones Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry Mirsa Harry		
219	Mar. 9	Madison Teaming Co	Teaming	8:
220	do	A. C. McClurg & Co	Laboratory supplies	1 . :
221	do	Western Union Telegraph Co	Incidentals	
$^{222}$	do	International Instrument Co	Laboratory supplies	48
223	do	Maas Bros	. do	
224	do	V. Mueller & Co	do	
225	do	A. Daigger & Co	do	
226	do	C. H. Ward	do	1
227	do	E. H. Sargent & Co	do	
228	do	Chicago Pulley & Shafting Co	do	1
29	do	Bradner-Smith Co	do	
30	do	Barron Bros. Coal Co	do	
31	do	Thos. J. Du & Co	do	4
32	do	Fairbanks, Morse & Co	do	]
33	do	Morrison, Plummer & Co	do	
34	do	V. Mueller & Co	do	10
35	do	Gallaner & Speck	Building material	44
36	ao	Nonau & Wolff Mig. Co	T-b	4
37	ao	Marsnall Field & Co	Laboratory supplies	]
38	do	Commonwealth Edison Co	Electric power	17 17 17
39	ao	O. E. Staples, Bursar	Student labor	2
10	маг. 12	O. E. Staples, Bursar	Student labor	]
41	do	Unicago Telephone Uo	Telephone	]
12	do	Association American Medical Colleges	Pofund tuition	2
13	uu	Mary Suvoulg	Related surviou	3
14	uo	Philip I McCoffroy	do	2 7 4 2
to	uo	O F Stoples Burger	Sundry hills	2
10	do	A Deigger & Co	Laboratory supplies	
16	uo	Thos I Du & Co	do	10
101	do	Dr F M Hoogody	Solary Oct 1 1013: Ion 31 1014	12 5
19	do	Dr C C Cullan	do	5
20	do	O B Dancah	do	9
1	do	A F I Locklaider	do	8 12
5	do	W S Howard	do	10
34	do	Ralph King	do	7
5	do	Falicano Sombito	do	i
36	do	S O Cotton	ob	4
20	do	H C Carothers	do	2
8	do	Ladislay Stolfa	_do	2
ial	/do	Joseph Seilin	do	$\frac{5}{7}$
ial	do	B V McClanahan	.do	2
ξĭ	do	Max Brachvogel	do	. 2
2	do	E. G. Nadeau	do	2
$\tilde{3}$	do	L. A. Tarkowsky	do	5
4	do	Chas. C. Conley	do	10
5	do	C. Geo. Appelle	do	5 5 1
6	do	Frank R. Richardson	do	5
71.	do	Clayton Alder	do	1
81.	do	John T. Groot	do	5
9	do	O. G. Fischer	do	20 20 5 12
Ō.	do	Mrs. Clara Roushausen	do	20
il.	do	Arthur Ochs	do	5
2	do	Dr. Geo. J. Lorch	do	12
3 .	do	Chas. P. Eck	do	7
4 1	Mar. 18	Ethel E. Watson	Salary, March, 1914	5
5 .	do	Wm. C. Kelley	do	8
6 .	do	John Kolan	do	3
7 -	do	James J. Burns	ao	60 50
8 .	do	simon David	ao	5
9 .	do	Ena George	ao	50
0 .	.ao	onn Kastones		50
1 .	.do	Harry Mirsa		50 50 60
2 .	.do	eorgiana M. Tomek		
3 .	.go	Nathan Badel		50
4 -	.qo	oseph George		50 50
<u>ه</u>   د	.qo	James J. Burns Simon David Elia George John Kastones Harry Mirsa Georgiana M. Tomek Nathan Badel Joseph George Frank M. Randall John Phillips Jouise B. Heermann Joseph Klena Jeo S. Schultze Maud Gubbins Paul David Josephine Allen Anna R. Bolan Metta M. Loomis Sshoo David Wm. H. Browne Mabel L. Arneson		50
<u>.</u>	.qo	onn rnilips		40
<u>/</u>  -	.qo	Louise B. Heermann	00	50
<u>ام</u>	.qo	Osepu Klena	uo	40 50 70 35
<u>بإ</u>	.do	Jeu. D. Schultze		30
ų١.	.qo	Mauu Gubbins	uo	60 50 55
네-	.uo	Coconbino Allon	do.	ar.
겓-	.uo	Anno D. Rolen	do	60 60
ᆀ.	.uo	Auma K. Dulam	do	70
: -	.do	Zohoo Dowid	do.	78
	.uo	PSHOO David	uu	50 250
<u>يا</u> .	40 11			

#### COLLEGE OF MEDICINE VOUCHERS—Continued.

lo.	Date.	Henery W. Cole. Bert D. Coles. Anna J. Hwasser. Harry Schultz Eric Froberg. Jas. Southwell. Jos. S. Tomlinson. Geo. N. Hiskey. F. B. Moorehead. Donald M. Gallie. Geo. W. Dittmar. Frederick B. Noyes. Edgar D. Coolidge. Louis E. Bake. Solomon P. Starr. Henry C. Lee. Arthur H. Hixson. Frank J. Bernard. Virgil H. Moon. John C. McGuire. Geo. P. Dreyer. Geo. P. Dreyer. Geo. P. Dreyer. A. B. Eycleshymer. Bernard Fantus. Adolph Gehrmann. D. J. Davis. Stella M. Gardner. Mary C. Lincoln. Wm. H. Welker. Wm. H. Burmeister. R. R. Rupert. Josiah J. Moore. E. G. Hakansson. J. Craig Small. Thos. S. Jones. Nils Sieghahn. Geo. Gaffiney. Frederick H. Falls. V. Mueller & Co. Kimble-Durand Glass Co. Parke, Davis & Co. McMaster-Carr Supply Co. Chicago Medical Book Co. Cleveland Press. W. H. Browne, Secretary. F. G. Hartwell Co. E. H. Sargent & Co. Physicians' Supply & Drug Co. V. Mueller & Co. Frysicians' Supply & Drug Co. Physicians' Supply & Drug Co. Physicians' Supply & Drug Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Mas Bros. A. Digger & Co. Physicians' Supply & Drug Co. Manhattan Electrical Supply Co. Manhattan Electrical Supply Co. M. J. Neahr & Co. V. Mueller & Co. Manhattan Electrical Supply Co. M. J. Neahr & Co. V. Mueller & Co.	For what.	Amou
	1914.			
298	Mar. 18	Henery W. Cole	Salary, March, 1914	\$100 50 50
299	do	Bert D. Coles	do	50
300	do	Anna J. Hwasser	do	50
301	do	Harry Schultz	do	35
302	do	Log Couthwell	00	355 75 118 125 45 83 83 83 83 83 83 83 66 66 66
304	do	Jas. Southwell	do	110
305	do	Geo N Highey	do	120
306	do	F. B. Moorehead	-do	82
307	do	F. B. Moorehead	do	82
308	do	Donald M. Gallie	do	83
309	do	Geo. W. Dittmar	do	83
310	do	Geo. W. Dittmar	do	16
311	do	Frederick B. Noyes	do	88
312	do	Edgar D. Coolidge	do	83
313	do	Louis Schultz	do	33
314	do	Louis E. Bake	do	66
316	do	Hoppy C. Loo	do	100
317	ao	Arthur U Uiveen	do	80
218	do	Fronk T Rornord	do	1 40
319	do	Virgil H Moon	do	50
320	do	John C. McGuire	_do	40 50 125
321	do	Geo. P. Dreyer	do	41
322	do	Geo. P. Dreyer	do	291 416
323	do	A. B. Eycleshymer	do	416
324	do	Bernard Fantus	do	166
325	do	Adolph Gehrmann	do	66
326	do	D. J. Davis	do	416
327	do	Stella M. Gardner	do	166 66 416 83 50 208 166
328	do	Mary C. Lincoln	do	50
329	do	Wm. H. Welker	do	208
330	ao	W m. H. Burmeister		160
991	00	Toba W Trackell	do	100
222		Fdggr C Millon	do	100
224	do	Fronk V Bortlott	do	190
335	do	Josiah I Moore	do	12
336	do	E. G. Hakansson	_do	30
337	do	J. Craig Small	do	50
338	do	Thos. S. Jones	do	108
339	do	Nils Sieghahn	do	60
340	do	Geo. Gaffney	do	68
341	do	Frederick H. Falls	do	50
342	Mar. 19	V. Mueller & Co	Laboratory supplies	41
944	do	Rimple-Durand Glass Co	do	1 2
245	do	McMogtor Core Supply Co	do	0.
346	do	Chicago Medical Rook Co	Books	140
347	do	Cleveland Press	do	34
348	do	W. H. Browne, Secretary	Sundry bills	246
349	Mar. 20	F. G. Hartwell Co.	Coal	166 50 100 188 122 30 55 108 66 63 55 44 45 144 33 244 472
350	Mar. 25	E. H. Sargent & Co	Laboratory supplies	1 3
351	do	Heath & Milligan Mfg. Co	do	1 :
352	do	Barron Bros. Coal Co	do	1 :
353	do	Arthur Ochs.	do	15
354	do	Ella K. Michaels	00	15
300		A. Daigger & Co	do	9
257	uo	V Mueller & Co	do	5
352	do	Morrison Plummer & Co	do	%
359	. do	Ernst Leitz	do	3
360	. do	S. S. White Dental Mfg. Co	do	29
361	do	Eimer & Amend	do	1 16
362	do	Illinois State Reformatory	Laboratory supplies and printing	112
363	do	A. C. McClurg & Co	Laboratory supplies	4
364	do	National Dental Assn	Clerical work	4
365	do	Peoples Gas Light & Coke Co	Gas	18
366	do	Chicago Telephone Co	Telephone	63
367	do	Maas Bros	Building materials	21
368	Mar. 31	A. Digger & Co	Laboratory supplies	54
369	ao	Annaya & Co	uo	100
3/0		Marshall Field & Co	do	1 0
270	uo	Physicians' Supply & Dwg Co	do	2
279		Mass Bros	do	1 10
374	do	Mass Bros. A. Digger & Co. Fuller & Fuller Co. Armour & Co. Marshall-Field & Co. Physicians' Supply & Drug Co. Mass Bros. Manhattan Electrical Supply Co. M. J. Neahr & Co. V. Mueller & Co.	do	52 8 37 29 16 112 4 18 63 21 54 60 2 2 2 19 19
077	do	M. J. Neahr & Co.	do	"

#### COLLEGE OF MEDICINE VOUCHERS—Continued.

To.	Date.	To whom.	For what.	Amou
	1914.	Merck & Co. Morrison, Plummer & Co. Chicago Calcium Light Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. A. C. McClurg & Co. Bradner - Smith & Co. Chicago Medical Book Co. The Fair. Commonwealth-Edison Co. Remington Typewriter Co. Chicago Towel Co. J. M. Smith. Dudley H. Grant. O. E. Staples, Bursar Liquid Carbonic Co. Fuller & Fuller Co. A. C. McClurg & Co. V. Mueller & Co. Morrison, Plummer & Co. Eimer & Amend Huntley Dairy Co. Hercules Chemical Works Milligan Mfg. Co. Ahrens & Schreiner Marshall Field & Co., Retail. F. J. Burns & Co. Western Lumber Co. Illinois State Reformatory. Nick Starck & Sons. Chicago Telephone Co. Maas Bros. Hamblin Plumbing Co. H. M. Hooker Co. O. E. Staples, Bursar Ernst Leitz V. Mueller & Co. Gerber & Bolotin. C. L. Frame Dental Supply Co. Scully Steel & Iron Co. Borden's Condensed Mik Co. Barron Bros. Coal Co. H. K. Mulford Co. American LaFrance Fire Engine Co. Pittsburgh Plate Glass Co. H. K. Mulford Co. American LaFrance Fire Engine Co. Pittsburgh Plate Glass Co. H. K. Mulford Co. Hamblin Plumbing Co. H. W. Johns-Manville Co. Hamblin Plumbing Co. H. W. Johns-Manville Co. F. G. Hartwell Co. Hearth Wellow Mitchell Mandel Bros. Kasaus Express Co. F. G. Hartwell Co. Hearth Wellow Mitchell Mandel Bros. Kasaus Express Co. F. G. Hartwell Co. Hamblin Plumbing Co. Hearth William Mfg. Co. Horrison, Plummer & Co. Co. L. Frame Dental Supply Co. Demonstrators Association G. Cramer Dry Plate Go. Gramer Dry Plate Go. Consolidated Dental Mfg. Co. Arthur Ochs. The Hospital Supply & Drug Co. Ahrens & Schreiner Fuller & Fuller Co. Cameron, American Laffance Fice Engine Co. Heath & Milliam Mfg. Co. Arthur Ochs. The Hospital Supply & Drug Co. Ahrens & Schreiner Fuller & Fuller Co. Cansolidated Dental Mfg. Co. Consolidated Dental Mfg. Co. Consolidated Dental Mfg. Co. Consolidated Dental Mfg. Co. Louis S. Fenchef.		
377	Mar. 31	Merck & Co	Laboratory supplies	3 2 14 2 3
379	do	Chicago Calcium Light Co	do	
380	do	A. C. McClurg & Co.	do	
381	do	Ahrens & Schreiner	do	:
382	do	Eimer & Amend	do	3
383	do	R. D. Swisher Mfg. Co	Office supplies	
384	do	Chicago Medical Book Co	Rooks	2
386	do	The Fair	Furniture	
387	do	Commonwealth-Edison Co	Electric power	14
388	do	Remington Typewriter Co	Repairs	2
389	do	Chicago Towel Co	Laundry	3
390	do	J. M. Smith	Repairs.	2 1 4 5 3
SOS TAR.	Apr. 3	O F Storles Purser	Salary, March 23-31, 1914	2
393	Apr. 7	Liquid Carbonic Co	Laboratory supplies	1
394	do	Fuller & Fuller Co	.do.	
395	do	A. C. McClurg & Co	do	
396	do	V. Mueller & Co	do	4
397	do	Morrison, Plummer & Co	do	5
398	do	Eimer & Amend	do	3
999	do	Huntiey Dairy Co	do	
401	do	Milligan Mfg Co	do	
402	do	Ahrens & Schreiner	do	
403	do	Marshall Field & Co., Retail	do	
404	do	F. J. Burns & Co	do	1
405	do	Western Lumber Co	General supplies	2
400		Niels State Reformatory	T show	10
407	do	Chicago Telephone Co	Telephone	12 3 5
409	do	Mass Bros	Building material	5
410	do	Hamblin Plumbing Co	Plumbing	Š
411	do	H. M. Hooker Co	Building material	
412	Apr. 8	O. E. Staples, Bursar	Student labor	2
413	Apr. 9	Ernst Leitz	Laboratory supplies	5
414	do	V. Mueller & Co		12
410	do	C. I. Frama Dantal Supply Co.	do	
417	do	Scully Steel & Iron Co	do.	
418	do	Borden's Condensed Milk Co	do	20 55 12
419	do	Barron Bros. Coal Co	do	l
420	do	H. K. Mulford Co	do	_
421	do	American Lafrance Fire Engine Co	do	1
422	do	A Food & Co	Rooks	1
424	do	Western Union Telegraph Co	Time service	2
425	do	Mallory & Mitchell.	Advertising	Ī
426	do	Mandel Bros	Shades	
427	do	Kasaus Express Co	Express	3
428	do	F. G. Hartwell Co	Coal	42
429		Hampin Flumbing Co	Laboratory supplies	1 2 1 3 42
431	do	H. W. Johns-Manville Co	-do	l
432	do	Eimer & Amend	do	1
433	do	F. J. Burns & Co.	do	_
434	do	Morrison, Plummer & Co	do	_
435	do	C. L. Frame Dental Supply Co		5
436	ao	G Cramer Dry Plate Co	do	5
438	do	Heath & Milligan Mfg. Co	do	1
439	do	Arthur Ochs	do	
440	do	The Hospital Supply Co	do	1
441	do	Victor Electric Co	do	
442	do	Ernst Leitz	do	24
443	ao	A hrone & Schreiner	do	
445	do.	Fuller & Fuller Co.	_do	1
446	do	Maas Bros.	do	1 -
447	do	Consolidated Dental Mfg. Co	do	2
448	do	Thos. J. Dee & Co	do	12
449	do	Cameron, Amberg & Co	do	21
450	do	Chicago Medicai Book Co	Unice supplies	0
401	ao	II S Rocking Grate Ror Co	Machine renairs	5 5 1 1 24 1 2 12 21 21 6 1
452	- do	H. M. Rooker Co	Building material	
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<sup>\*</sup> Cancelled.

#### COLLEGE OF MEDICINE VOUCHERS-Continued.

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185 .	do	Albert C. Eycleshymer	. do	.41
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188	ao	Stella M. Gardner	. 00	
189	do	Mary C. Lincoln	. 00	90
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100	do	Pichard P. Durnert	do	16
102		Tohn F Haghall	do	1
104		Edgar G Millor	do	10
105	do	Fronk K Bartlett	do	18
196	do	Josiah J. Moore	do	12
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#### COLLEGE OF MEDICINE VOUCHERS-Continued.

lo.	Date.	To whom.	For what.	Amou
	1914.	Harry Schultz Eric Froberg Jas, Southwell Joseph S, Tomlinson V Mueller & Co. Morrison, Plummer & Co Physicians' Supply & Drug Co. C. L. Frame Dental Supply Co Ella R, Michaels Thos. J. Deer Co Scully Steel & Iron Co. Arthur Ochs F. J. Burns & Co Barron Bros. Coal Co. A. C. McClurg & Co. Cameron, Amberg & Co. Maas Bros. The University Hospital The Peoples Gas Light & Coke Co Grover Tracy Maas Bros. V. Mueller & Co. Bradner, Smith & Co. Cameron, Amberg & Co. Arthur Ochs. Consumers Co. B. F. Gump Co. Antiseptol Liquid Soap Co Library Bureau Ella R. Michaels Western Lumber Co W. D. Allen Mig. Co. D. Shor Co. Whitall Tatum Co. Marshall Field & Co. Marshall Field & Co. Morrison, Plummer & Co. Fuller & Fuller Co. A. Daigger & Co. Mason, Davis & Co. Tritsburgh Plate Glass Co. V. Mueller & Co. Commonwealth-Edison Co. Vaughans Seed Store. Remington Typewriter Co. Pittsburgh Plate Glass Co. V. Mueller & Co. Commonwealth-Edison Co. Vaughans Seed Store. Remington Typewriter Co. Pittisburgh Plate Glass Co. Fritsburgh		
534	Apr. 23	Harry Schultz	Salary, April, 1914	\$ 35 75 115 125 29 6
535	do	Eric Froberg	do	75
530	ao	Jas. Southwell	do	110
520	uo	V Mijallar & Co	Laboratory supplies	120
539	do	Morrison, Plummer & Co	do	1 2
540	do	Physicians' Supply & Drug Co	do	1
541	do	C. L. Frame Dental Supply Co	do	1 3
542	do	Ella R. Michaels	do	1 2
543	do	Thos. J. Deer Co	do	88
544	do	Scully Steel & Iron Co	do	21 3 3 1 36
545	do	Arthur Ochs	do	21
546	do	F. J. Burns & Co	ido	3
547	do	Barron Bros. Coal Co	do	3
548	do	A. C. McClurg & Co	Office supplies	]
549	do	Cameron, Amberg & Co	Printing	36
550	do	Maas Bros	Building material	1.
551	ao	The University Hospital	Hospital services	3.
552		The Peoples Gas Light & Coke Co	Gas	31 21 31
555	Apr. 21	Mana Prog	Laboratorr gymplics	3,
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550	do	Bradner Smith & Co	do	
557	do	Comeron Amhera & Co	do	2
550	do	Arthur Ochs	do	2;
550	do	Consumers Co	do	-
560	do	B. F. Gump Co	do	2
561	do	Antisental Liquid Soan Co	do	2
562	Apr. 30	Library Bureau	General supplies	
563	do	Ella R. Michaels	do	
564	do	Western Lumber Co	do	28
565	do	W. D. Allen Mfg. Co	Laboratory supplies	4
566	do	D. Shor Co	do	49 11 5
567	do	Whitall Tatum Co	do	13
568	do	Marshall Field & Co	do	
569	do	Physicians' Supply & Drug Co	do	10
570	do	Arthur Ochs	do	10
571	do	E. H. Sargent & Co	do	
572	do	Morrison, Plummer & Co	do	34
5/3	do	Fuller & Fuller Co	do	20
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570	do	Pittaburah Plata Class Co	Building meterial	
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578	40	Commonwealth-Edison Co	Electric nower	11
579	do	Valighans Saed Store	General supplies	15
580	do	Remington Typewriter Co.	Office equipment	76
581	do	Pittsburgh Plate Glass Co	Building repairs	
582	do	Ernst Leitz	Laboratory apparatus	70
583	do	Illinois State Reformatory	Printing	224
584	do	Thos. J. Dee & Co	General supplies	224
585	do	J. Will Bates	Laboratory apparatus	68
586	do	The American Shade Factory	Shades	68 48 22 23 25 27 27 20 22 26 66
587	do	Ahrens & Schreiner	General supplies	] ]
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595	do	Hubert Rehfeldt	do	90
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597	do	Arthur Ochs	do	28
598	do	Morrison, Plummer & Co	do	49
599l	do	Fuller & Fuller Co	do	13
300	do	E. H. Sargent & Co	do	49 13 16
601	do	V. Mueller & Co	do	86
602	do	Huntley Dairy Co	do	3
603	do	Demonstrator's Assn. of Illinois	do	85
604	do	Borden's Condensed Milk Co	do	_4
005	do	C. J. Plumb	do	17
006	do	Anrens & Schreiner	ao	j
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# COLLEGE OF MEDICINE VOUCHERS—Continued.

0.	Date.	To whom.	For what.	Amo
_	1914.	Nick Starck & Sons A. Kroch & Co. American Medical Assn Kasen's Express & Van Co. Chicago Telephone Co. Goodhart's Laundry F. G. Hartwell Co. Western Lumber Co. Chicago Towel Co. Hamblin Plumbing Co. Thos. J. Dee & Co. Physicians' Supply & Drug Co. Eimer & Amend. Morrison, Plummer & Co. C. L. Frame Dental Supply Co. M. J. Corboy Co. S. S. White Dental Mig. Co. Chicago Savings Bank & Trust Co. V. Mueller & Co. F. J. Burns & Co. John Bohr. Marshall Field & Co. A. C. McClurg & Co. Woods Hospital Supply Co. Ernst Leitz. Arthur Ochs E. H. Sargent & Co. The Cudahy Packing Co. The Peoples Gas Light & Co. The Peoples Gas Light & Co. The Peoples Gas Light & Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. The Garlock Packing Co. Chricago Telephone Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Che Al Cash Co. Che Al Co. Che Al Co. Checago Telephone Co. Commonwealth-Edison Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Bradner, Smith & Co. Checago Telephone Co. Wanner Machinery Co. Bradner, Smith & Co. Bradner, Smith & Co. Co. Checal Co. Bradner, Smith & Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Checal Co. Ch		
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618	do	Goodbart's Laundry	Laundry	
619	do	F. G. Hartwell Co.	Coal	3
620	do	Western Fuel Co.	do	Ĭ
621	do	Western Lumber Co	Building repairs	
622	do	Chicago Towel Co	Laundry	7
623	do	Hamblin Plumbing Co	Plumbing	
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020	do	Manniago Dlamanan fo Co		7
021 600	do	C I Frome Dental Supply Co	do	
820 820	do	M I Corboy Co	do	1
630	do	S. S. White Dental Mfg. Co	do	
631	do	Chicago Savings Bank & Trust Co	Fee	
632	do	V. Mueller & Co.	Laboratory supplies	1
633	do	F. J. Burns & Co	do	
634	do	John Bohr	do	
585	do	Marshall Field & Co	do	
227	do	Mooda Hospital Supply Co	do	
320	do	Fract Laits	do	1
330	do	Arthur Ochs	do	-
340	do	E H Sargant & Co	do	
341	do	F. A. Hardy & Co	do	
342	do	Twin City Roofing Co	do	
343	do	Fuller & Fuller Co	do	
344	do	The Cudahy Packing Co	do	
345	do	Commonwealth-Edison Co	Electric power	1
346	do	The Peoples Gas Light & Coke Co	Gas	1
347	ao	Cnicago Telephone Co	Telegraph and telephone	
240		Wanner Machinery Co	Conoral supplies	
349 350	do	Brodner Smith & Co	Office cumpling	
351	do	Soully Steel & Iron Co	General supplies	
352	do	The Garlock Packing Co	-do	
353	do	Ahrens & Schreiner	do	
354	do	Maas Bros	Building material	
355	do	C. R. Killin	General supplies	
556	do	Mallory & Mitchell	Advertising	
557	do	American Medical Assn	D1	
58	ao	A. Kroen & Co	B00KS	
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61	do	Herbert Mullanev	Salary, May, 1914	
62	May 27	Edna Krudwig	Salary, May, 1914	
63	do	Jas. M. White	Traveling expenses	10
64	do	P. G. Burt	do	
65	do	American Shade Factory	Shades:	
66	do	Davis & Kreeger	Building repairs	10
<u>07 </u>	do	H. F. Bremer	ao	4
08	ao	Jas. w. Vallentyne	L'ostage	8
70	uo	Canaral Electric Co	Electrical supplies	ě
71	do	Western Slate Co	Blackhoards	]
72	do.	Western Bank Note & Engraving Co	Diplomas	2
73	do	The Peoples Gas Light & Coke Co	Gas	- 5
74	do	Barron Bros. Coal Co	General supplies	•
75	do	Maas Bros	do	1
76	do	The Cudahy Packing Co. Commonwealth-Edison Co. Commonwealth-Edison Co. The Peoples Gas Light & Coke Co. Chicago Telephone Co. Wanner Machinery Co. Barron Bros. Coal Co. Bradner, Smith & Co. Scully Steel & Iron Co. The Garlock Packing Co. Ahrens & Schreiner Maas Bros. C. R. Killin. Mallory & Mitchell. American Medical Assn. A. Kroch & Co. The A. H. Andrews Co. W. H. Burmeister  Herbert Mullaney. Edna Krudwig. Jas. M. White. P. G. Burt. American Shade Factory. Davis & Kreeger H. F. Bremer. Jas. W. Vallentyne. Ernst Leitz. General Electric Co. Western Bank Note & Engraving Co. The Peoples Gas Light & Coke Co. Barron Bros. Coal Co. Maas Bros. American Felt Co. Thos. J. Dee & Co. V. Mueller & Co. Canadian Bird Store Heath & Milligan Mfg. Co. Siegel, Cooper & Co. Parke, Davis & Co. F. J. Burns & Co. Elmer & Amend. Fuller & Fuller Co. Physicians' Supply & Drug Co. Elmer & Fuller Co. Burlor & Fuller Co. Ch. L. Frame Dental Supply Co. S. S. White Dental Mfg. Co. Physicians' Supply & Drug Co. Elmer & Fuller Co. Morrison, Plummer & Co. A. Daigger & Co.	do	1 1
77	do	Thos. J. Dee & Co	Laboratory supplies	1
78	do	V. Mueller & Co		
18	uo	Uautauan Dira Store	uo	1
0U 01	uo	Siegal Cooper & Co	do	1
82	do	Parka Davis & Co	do	
83	- do-	F. J. Burns & Co.	.do	1
84	do	C. L. Frame Dental Supply Co.	do	
85 l	do	S. S. White Dental Mfg. Co	do	1
86	do	Physicians' Supply & Drug Co	do	3 2 3
87	May 30	Eimer & Amend	do	3
88	do	Fuller & Fuller Co	do	2
89	do	Morrison, Plummer & Co	do	3
		A Daiggen la Ca	do	

# COLLEGE OF MEDICINE VOUCHERS-Concluded.

То.	Date.	To whom.	For what.	Amou
	1914.	Whitall-Tatum Co. Physicians' Supply & Drug Co. L. C. Carden. Woods Hospital Supply Co. V. Mueller & Co. Ahrens & Schreiner A. C. McClurg & Co. Michaels Brooksbank Bros. O. E. Staples, Bursar W. H. Browne, Secretary Lakeview Amusement Co. O. E. Staples, Bursar James T. Groot. Edward Cohen. O. E. Staples, Bursar James T. Groot. Edward Cohen. O. E. Staples, Bursar James T. Groot. Edward Cohen. C., C., C. & St. L. Ry. Co. Mr. Manley Mass Brothers. Ahrens & Schreiner. Crane Co. Hamblin Plumbing Co. The University Hospital Chicago Savings Bank and TrustCo., Trustee. Frank B. Earle, Trustee. J. W. Allen & Co. S. S. White Dental Mig. Co. Ralph C. Branch. Chas. H. Fisk		
691	May 30	Whitall-Tatum Co	Laboratory supplies	\$ 9
692	do	Physicians' Supply & Drug Co	do	16
693	do	L. C. Carden	do	90
694	do	Woods Hospital Supply Co	do	47
695	do	V. Mueller & Co.	do	1
696	do	Ahrens & Schreiner	do	3
697	do	A. C. McClurg & Co	General supplies	3
698	do	Mrs. E. Michaels	do	8
699	do	Brookshank Bros	Renairs	1 4
700	June 6	O E Stanles Bursar	Student labor	17 264
701	June 8	W. H. Browne Secretary	Sundry hills	264
702	do	Lakavian A musament Co	Pant of theotre	150
703	do	O F Stoples Burger	Studentloher	100
704	Turno 10	Toward O Chart	Olomical recents	· 183
704	June 10	James 1. Groot	Ciericai work	20
705	lanie 12	Edward Conen	License	20
706	do	O. E. Staples, Bursar	Student labor	14
707	June 23	C., C., C. & St. L. Ry. Co	Freight	1
708	do	Mr. Manley	Laboratory supplies	5
709	June 27	Mass Brothers	Supplies	55
710	do	Ahrens & Schreiner	Condensed milk	55 1
711	do	Crane Co	Plumbing	2
$71\bar{2}$	do	Hamblin Plumbing Co	Building repairs	135
$71\bar{3}$	. do	The University Hospital	Expert service	274
714	do	Chicago Savinge Rank and TructCo	Export bor vico	2,1
		Tructon	Interest	1 919
715	do	Fronk B Forlo Trustoo	do	1,818 3,302
710	do	T W Allen & Co	Water cooler	3,302
717		C C White Dental Mr. C.	Campulian	i
717		S. S. White Denial Mig. Co	Supplies	ء ا
718	ao	Ralph C. Branch Chas. H. Fisk	Supplies Expert service.	25
719	do	Chas. H. Fisk	Incidentals	
720	do	Barron Bros. Coal Co	Supplies	2
721	do	Chicago Oxygen Gas Co	Tank and gas	15
722	do	Chicago Oxygen Gas Co	Supplies Tank and gas Fixtures	18
723	do	Western Lumber Co. The Anchor Packing Co	Building repairs Supplies Laboratory supplies	11
724	do	The Anchor Packing Co	Supplies	7
725	do	American Felt Co	Laboratory supplies	6
726		Edwin Sutter	A pharaills repairs	11
727	June 29	C. I. Davis	Panairing migroscopes	53
728	do	C. J. Davis. The Book Shop Bindery. Maas Brothers.	Binding Screening, locks. Red packing Engrossing diplomas Laboratory supplies.	21
720	do	Mose Brothers	Saraaning looks	
720	do	Illinois Malleable Iron Co	Dod nog ing	1
791	do	Days da Thurson Co	Engraging diplomas	7
191		Rounds-Truman Co	Engrossing dipiomas	15
10Z	Jgo	To La Frame Denial Supply Co	Laboratory supplies	10
133	ao	runer & runer Co	do	26
734	ao	Huntley Dairy Co	do	6
135	do	McMaster-Carr Supply Co	General supplies	_4
736	do	The Cudahy Packing Co	Janitor's supplies	57
137	do	J. W. Butler Paper Co	Paper, printing	5
738	do	Barron Bros. Coal Co	Hay, excelsior feed	. 2
739	do	S. S. White Dental Mfg. Co	Laboratory supplies	24
740	do	Mandel Brothers	Shades	117
741	do	Arthur Ochs	Rabbits, guinea pigs	16
742	do	E. H. Sargent & Co.	Laboratory supplies	2
743	do	Chicago Medical Book Co	Books	13
744	do	Ernet Laitz	Laboratory apparatus	468
745	do	The Poorles Gos Light & Coke Co	Coc.	12
740	uo	Invina Ditt Mfa Co	Dinder indexes	7
747	uv	Manniage Dlammon & Co	Tabanatawa assanling	140
44	do	MOTTISOH, Plummer & CO	Laboratory supplies	140
48	ao	H. F. Bremer	Materials, labor	50
(49	do	O. E. Staples, Bursar	Student labor	1
/50	June 30	Louis E. Larsen, Secretary Board of	<u> </u>	
		Education, Chicago, Ill	Principal and interest	11, 650 43
751	do	R. I. Humphrey	Laboratory assistance	43
752l	do	L. L. Blaime	do	20
753 l	do	H. D. Coltman	do	33
754	do	J. T. Groot	Typewriting and printing	39
755	do.	Maas Brothers.  Illinois Malleable Iron Co. Rounds-Truman Co. C. L. Frame Dental Supply Co. Fuller & Fuller Co. Huntley Dairy Co. McMaster-Carr Supply Co. The Cudahy Packing Co. J. W. Butler Paper Co. Barron Bros. Coal Co. S. S. White Dental Mfg. Co. Mandel Brothers. Arthur Ochs. E. H. Sargent & Co. Chicago Medical Book Co. Ernst Leitz. The Peoples Gas Light & Coke Co. Irving-Pitt Mfg. Co. Morrison, Plummer & Co. H. F. Bremer. O. E. Staples, Bursar O. E. Staples, Gas Light & Coke Co. Ir Staples, Bursar Louis E. Larsen, Secretary Board of Education, Chicago, Ill R. I. Humphrey L. L. Blaime. H. D. Coltman J. T. Groot. O. E. Staples, Bursar W. H. Browne, Secretary	Student labor	12
25.0	do	W U Browno Socratory	Sundry hills	12 182
		TEACHER TO A THOU TO BOTH OF THE A THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE THREE T	INULULY DILID	104

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#### VOUCHERS CERTIFIED TO THE AUDITOR OF PUBLIC ACCOUNTS.

#### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS.

See also the Report of the Auditor of Public Accounts for this period.

٧o.	Date.	Campbell & Spalding Bacon Brothers. Reliable Plumbing & Heating Co The U. of I. Supply Store. H. W. Stewart. F. W. Wascher. H. C. Wheeler. R. W. Dickenson. Harry C. Gilkerson. O. M. McGhee. A. Floyd Heck Wm. Aten, Sr. George M. Hinkley. A. F. Gustaison. P. D. Long. Albert Tate. F. W. Garrett. Twin City Ice & Cold Storage Co. H. Swannell & Son. Munhail Printing House. S. E. Huff & Co. Reliable Plumbing & Heating Co. A. O. Magnuson. The Burr Co. James B. Clow & Sons. John R. Trevett. John H. Doyle. Campbell & Spalding. American Platinum Works. C. B. Richard & Co. John C. Moore Corporation. Champaign & Urbana Water Co. Standard Qil Co. Twin City Ice & Cold Storage Co. R. C. Wagner & Son. Twin City Ice & Cold Storage Co. General Electric Co. The Letter Shop. E. H. Sargent & Co. Peck & Hills Furniture Co. Goder-Heimann Co. George Strode. F. C. Jorgeson & Co. F. H. Goodrich. Automatic Electric Co. G. & W. Electric Specialty Co. Champaign Steam Laundry. D. H. Lloyde. The Chicago Record-Herald Western Electric Co. Trwin City Printing Co. Woldenberg & Schaar Shaw-Walker Co. D. H. Lloyde. James B. Clow & Sons. Standard Oil Co. Frant Leitz. Twin City Printing Co. Woldenberg & Schaar Shaw-Walker Co. D. H. Lloyde. James B. Clow & Sons. Standard Oil Co. Frant Leitz. Twin City Printing Co. Woldenberg & Schaar Shaw-Walker Co. D. H. Lloyde. James B. Clow & Sons. Standard Oil Co. Frants Leitz. Twin City Printing Co. Woldenberg & Schaar Shaw-Walker Co. D. H. Lloyde. James B. Clow & Sons. Standard Oil Co. Flanigan-Pearson Co. Harry Woods. W. M. Welch Co. Tante Steam Laundry. A. O. Magnuson. The Electric Co. Western Electric Co.	For what.	Amoun
	1913.			
1	July 7	Campbell & Spalding	Horseshoeing	\$ 7 3
$\frac{2}{3}$	do	Bacon Brothers	Supplies	3
3	do	Reliable Plumbing & Heating Co	Lead pipe	2
4 5	do	The U. of I. Supply Store	Knivesior snarpener	1 51
6 6	do	H. W. Stewart	Traveling expenses	56 139 28 33 26 16
7	do	H C Wheeler	do	139
8	do	R. W. Dickenson	Field expenses	28
ğ	do	Harry C. Gilkerson	Traveling expenses	33
10	do	O. M. McGhee	do	26
11	do	A. Floyd Heck	do	16
12	do	Wm. Aten, Sr	Field expenses	38
13	do	George M. Hinkley	Expenses	41
14	do	A. F. Gustafson	Field expenses	35
15	do	P. D. Long	[do	32
16 17	do	Albert Tate	Ermanaa	20
18	do	Twin City Too & Cold Storage Co	Laboratory supplies	39
10	1. de	H Swannell & Son	do supplies	38 41 35 32 55 34 32 6 2 11
19 20 21	do	Munhall Printing House	Printing	2
$\bar{2}$	July 8	S. E. Huff & Co.	Building materials	11
22	do	Reliable Plumbing & Heating Co	Plumbing materials	18
23	do	A. O. Magnuson	Laboratory apparatus	18 14 77 27 1 14 2 9
22 23 24 25 26 27 28 29 30	do	The Burr Co	Repairs	14
25	do	James B. Clow & Sons	Plumbing materials	7
26	do	John R. Trevett	Traveling expenses	27
27	do	John H. Doyle	Supplies	1 1
28	do	Campbell & Spalding	Horsesnoeing	14
29	do	American Platinum works	Enought and abangas	2
21		Lohn C. Moore Corneration	Printing	5
31 32 33	do	Champaign & IIrhana Water Co	Water nermit	37
33	do	Standard Oil Co	Supplies	26
34	-d0	Twin City Roofing & Sheet Metal Works	Building materials	ĭ
35	do	The Garlock Packing Co	Supplies	38
35 36 37	do	R. C. Wagner & Son	Dirt	37 26 1 38 41
37	do	Twin City Ice & Cold Storage Co	Supplies	2
38	do	General Electric Co	Electric fans	24 8 77
39	do	The Letter Shop	Clerical assistance	8
40	do	E. H. Sargent & Co	Laboratory supplies	1 77
41	do	Peck & Hills Furniture Co	Mirror screens	21 18 37 18 220 10 96
42 43	00	Crana Ca	Diambing meterials	27
44	do	Gaorga Stroda	A wninge	18
45	do	F. C. Jorgason & Co.	Furniture	220
46	do	F. H. Goodrich	Building materials	10
47	do	Automatic Electric Co.	Apparatus	96
48	do	G. & W. Electric Specialty Co	Repairs	19
49	do	Champaign Steam Laundry	Laundry	2
50	do	D. H. Lloyde	Office supplies	4
51	do	The Chicago Record-Herald	Advertising	10
52 53 54	do	Western Electric Co	Rens	30
53	hara a	Ernst Leitz	Laboratory apparatus	19 2 4 10 30 103 37 576 21 31 43 11 230
54	do	Woldenbarg & Schoon	T about our graphics	37
55 56 57	do	wouldner & ochaar	Office equipment	1 0/0
57	do	D H Lloyda	Lahoratory supplies	21
58	do	James B. Clow & Sons	Plumbing equipment	43
58 59	do	Standard Oil Co	Supplies	l îi
60	do	Flanigan-Pearson Co	Printing	230
61	do	Harry Woods	Copy of Senate bill	1
62 63	do	W. M. Welch Co	Furniture	37
63	do	Twin City Roofing & Sheet Metal Works	Laboratory apparatus	37
64	do	Champaign Steam Laundry	Laundry	7
65	do	Electric Coal Co	[Coal	532
66	July 10	White Line Steam Laundry	Laundry	20
67	do	A. O. Magnuson	Blueprinting	5
68 69	do	Twin City Roofing & Sheet Metal Works	Laboratory apparatus	9
69	do	D. H. LIOYde	General supplies	1 00
70	do	W. E. Burge	Laboratory supplies	23
70 71 72 73	oo	E. W. Blatchford Cc.	Laboratory supplies	532 20 5 9 1 23 1 17 2
72	do	Western Floatrie Co	Danaire	17
		YY GOUDTIT TINGULING CO	Trohams	1 4

To.	Date.	To whom.	For what.	Amou
	1913.			
74	July 10	Metzler & Schafer Co	Janitors supplies	\$ 3
75 76	do	Knowlton & Bennett	Repairs, supplies	34
76	July 11	Illinois Traction System	Freight	7 69
77 78	do	Metzler & Schafer Co Knowiton & Bennett Illinois Traction System. Twin City Roofing & Sheet Metal Works The Commanding Officer, Rock Island Arsenal. W. Lewis & Co. Heart Rourke & Co Bacon Brothers. W. W. Walls & Co. The J. B. Ford Co. Southern Illinois Penitentiary. General Electric Co. Milton Bradley Co. McMaster-Carr Supply Co. Percival & Moorehead. The Taylor Hardware. The Chas. A. Hall Hardware Co. The U. of I. Supply Store. The C. C. & St. L. Ry. Co. C. H. Stoelting Co. Illinois State Reformatory. McKey & Poague, Agents. Rundle-Spence Mig. Co Knowlton & Bennett H. S. Capron. R. L. Kelley. Illinois Central R. R. Co. C., C., C. & St. L. Ry. Co D. H. Lloyde. The People's Gas Light & Coke Co. L. C. Smith & Bros. Typewriter Co. The House of Childhood Flanigan-Pearson Co. The Home Telephone Co.	Janitors supplies. Repairs, supplies. Freight. Building repairs	69
10	)do	Arsenal	Laboratory apparatus	33
79	do	W. Lewis & Co	General supplies	5
80	do	Hunter, Rourke & Co	Building repairs	5 3
81	do	Bacon Brothers	Building material	2 5
82	do	W. W. Walls & Co	Building repairs	5
83	do	The J. B. Ford Co	Janitor's supplies	20
84	do	Southern Illinois Penitentiary	E	5
85 86		Milton Bradlay Co	Laboratory apparatus	24 4 33 3
97	do	McMaster-Carr Supply Co	Machina rangire	33
88	July 15	Percival & Moorehead	Tools renairs	3
87 88 89 90	do	The Taylor Hardware	Fixtures, repairs.	14
90	do	The Chas. A. Hall Hardware Co	Tools	2
91	do	The U. of I. Supply Store	Office supplies	14 2 1 6
92	do	The C., C., C. & St. L. Ry. Co	Freight	6
93	do	C. H. Stoelting Co.	Laboratory apparatus General supplies Building repairs Building material Building repairs Janitor's suppliesdo FansLaboratory apparatus Machine repairs Tools, repairs Trixtures, repairs Tools Office supplies Freight Laboratory apparatus Prixtures, repairs Tools Office supplies Freight Laboratory apparatus Prixtures Rent	14
94	do	Marian & Description	Printing	500
95 06	do	Pundle Spence Mfg ()	Rent.	500
96 97	do	Knowlton & Rennett	Laboratory supplies	1 1
98	. do	H. S. Capron	Plumbing repairs. Laboratory supplies. Option on Reinhart land.	. 600
99	do	R. L. Kellev	Option on Reinhart land. Services. Freightdo. Office supplies. Gas Rentals Laboratory apparatus. Printing: Phone rent. Furniture renairs.	45
00	do	Illinois Central R. R. Co.	Freight	1 2
.01	do	C., C., C. & St. L. Ry. Co	do	3
.02	do	D. H. Lloyde	Office supplies	6 20
.03	do	The People's Gas Light & Coke Co	Gas	20
.04	do	L. C. Smith & Bros. Typewriter Co	Rentals	50 50 48 100
.05	do	The House of Childhood	Laboratory apparatus	1 50
06	do	Tianigan-Pearson Co	Printing:	100
.07 .08	do	Lohn H. Dowle	Furniture reneire	100
.09	do	A Gallenkamp & Co	Laboratory apparatus	5 10
10	do	Charles P. Emerson	Phone rent Furniture repairs Laboratory apparatus Expert services Postage General suppliesdo Printing General supplies Fans. Cadavers Soap, etc	100
îĭ	do	O. E. Staples, Bursar	Postage	50 7 5
112	do	The Saffell Co	General supplies	7
13	do	Jewell Belting Co	do	5
14	do	Illinois State Reformatory	Printing	6
15	do	A. G. Spalding & Bros	General supplies	48
$\frac{16}{17}$	do	Westinghouse Electric & Mig. Co	Fans.	48
18	do	Cudoby Postring Co	Cadavers	35 50 13 17 16
19	do	U S Greta Bar Co	Machine renairs	13
20	do	H. K. Mulford Co	Laboratory supplies	17
$\tilde{2}\tilde{1}$	do	Western Carbon & Ribbon Co	Office supplies	16
22	do	The A. H. Andrews Co	Furniture repairs	2 2 3 1
23	do	The Chas. A. Hall Hardware Co	Laboratory supplies	. 2
24	do	Green Street Pharmacy	do	3
25	do	The House of Childhood Flanigan-Pearson Co. The Home Telephone Co. John H. Doyle A. Gallenkamp & Co. Charles P. Emerson O. E. Staples, Bursar The Saffell Co. Jewell Belting Co. Illinois State Reformatory A. G. Spalding & Bros. Westinghouse Electric & Mig. Co. Demonstrators' Assn. of Illinois Cudahy Packing Co. U. S. Grate Bar Co. H. K. Mulford Co. Western Carbon & Ribbon Co. The A. H. Andrews Co. The Chas. A. Hall Hardware Co. Green Street Pharmacy Barnhart Bros.	Clamps, scoops	1
26	do	Automotic Floring Co	LOCKS	4
27 28	do	A. G. Spating & Blos.  Westinghouse Electric & Mig. Co. Demonstrators' Assn. of Illinois Cudahy Packing Co. U. S. Grate Bar Co. H. K. Mulford Co. Western Carbon & Ribbon Co. The A. H. Andrews Co. The Chas. A. Hall Hardware Co. Green Street Pharmacy Barnhart Bros. Percival & Moorehead. Automatic Electric Co. Marshall Field & Co. W. Lewis & Co. O. S. Watkins. A. Floyd Heck. Otto Harrassowitz. U. & C. Ry., Gas & Electric Co. O. E. Staples, Bursar. Pay roll. Prucha, M. J. Udinskey, Philip Wilford, E. J. Arrington, C. E. Atwell, M. W. Bailey, J. E. Barnes, V. R. Berbaum, E. R. Berbaum, E. R. Berbaum, E. R. Berbaum, B. R. Berown, Basil Brown, Harry, Bullock, D. M. Butler, Thomas Cceduskey, John.	Muelin and conves covers	15 9 71
28 29	do	W Lawis & Co	In usun and canvas covers	71
29 30	do	O. S. Watkins	Traveling expenses	40
31	do	A. Floyd Heck	-do	40 11 13
32	do	Otto Harrassowitz	Books	$\bar{13}$
33	do	U. & C. Ry., Gas & Electric Co	Gas	285
34	do July 19	O. E. Staples, Bursar	Petty bills	213 2,341
35	July 19	Pay roll	[	2,341
J		Prucha, M. J.	One-third of June salary . \$69 78	
- 1		Udinskey, Philip	Wages 16 00	
- 1		Amington C F	10 07	
- 1		Atwall M W	do 21 00	
- 1		Bailey J E	do 10 00	
		Barnes, V. R.	-do	
- 1		Berbaum, E. R	do	
1		Bevis, A.	do	
-		Brannigan, John	do	
- 1		Brown, Basil	do 19 68	
		Brown, Harry	do 16 80	
1		Bullock, D. M.	do 18 86	
		Butler, Thomas	do 19 78	
		L'OGRAGIZOTZ LONN	1 40 93 761	

<sup>\*</sup> Now listed under Buildings, Land and Equipment, No. 1.

0.	Date.	To whom.	For what.	Amou
	1913.		•	
135	July 19	Crathorne, F	Wages	\$26 00
td.		Cunningham, F		34 00 23 10
		Davis, Jos. Dibble, E. P.	do	24 84
		Downing, H	-do	17 77
		Dibble, E. F. Downing, H. Fay, T. J. Fender, Fred. Frender, Louie. Fiscus, J. J.	do	31 00
	i	Fender, Fred	do	27 30
	,	Fender, Louie	do	22 00
		Fiscus, J. J	do	18 86 10 00
		Fiscus, J. J. Fogarty, F. Fogarty, W. Fox, Guy Fox, Guy Graybeal, W. H. Hamlin, Sell Hanson, Samuel	do	10 00
		Fox. Guy	do	24 00
	i .	Freeman, C. Y.	do	17 85
	1	Graybeal, W. H	do	21 00
		Hamlin, Sell	do	16 00
	ì	Hanson, Samuel Hargan, E Henderson, T. O Hill, Charles		11 00
		Hargan, E	do	11 00 34 58
	{	Hill Charles	-do	29 52
	1	Hixon, W. G.	do	9 50
	ļ.	Hixon, W. G. Hutton, Ross.	do	21 62
	l	Irvine, Frank	do	11 75
		Irvine, James	do	10 00
		Hutton, Ross. Irvine, Frank Irvine, James. Jones, Margaret. Justus, E. W	do	13 60 32 00
				26 00
		Langhoff, Fred.	do	20 70
		Langhoff, Fred. Lewis, E. C.	do	23 73
		Litton, A. C. Long, Thomas McAllister, A. J	do	18 69
	ĺ	Long, Thomas	do	24 30
		McClughen, Frances	do	23 76 13 60
				18 48
		McUniongn, James Mahorney, H. H Meenach, O. E Meneely, Dan Meyers, Jesse.	do	22 31
		Meenach, O. E	do	21 62
		Meneely, Dan	[do	22 77
		Meyers, Jesse		18 40
		Miller, C. M Moran, A Morgan, J. E	do	17 43 13 20
	İ	Morgan, J. E	do	16 00
				13 60
	1	Murphey, Ruthe	do	18 56
	ŀ	Newton, J. B	d0	24 00
	i	Nikolaus, Jacob Perry, F. M.		21 00
		Purking I F	do	20 24 18 04
		Purkins, J. F. Quinn, William	do	23 10
		Richards Ed.	1 40	30 24
	1	Ryan, Mary E. Servis, A.	do	13 60
	1	Servis, A	do	11 96
		Smith, W. J. Snyder, J.	do	45 10 10 00
	1	Stateler, F	do	17 60
		Stateler, F. Swearingen, Ralph. Templin, William.	do	5 40
	1	Templin, William	do	27 00
	1	Tillotson, I. F Toy, George	do	21 85
				19 09
				18 86 25 20
		Wharmby, Ed.	do	20 70
	1	Wilde, William	do	31 00
	1	Warmbier, August Wharmby, Ed Wilde, William Wilson, Frank Bogan, Lloyde Booher, M. C Booker, A. J Boyer, G. W Campbell, Mathew Carothers, Cevilla Carson. Rolla S	do	6 80
		Bogan, Lloyde	do	16 00
	1	Booker A T	do	28 40 27 20
1		Bover, G. W	do	20 37
		Campbell, Mathew	do	10 00
		Carothers, Cevilla	do	12 16
	ł	Carson, Rolla S	do	17 60
	1	Dunsetn, C. A.	do	28 80
		Dunseth, C. A. English, B. F. Ensor, Russell.	do	18 86 16 00
	1			17 20
		Franklin, F. T.	do	19 95
		Glenn, V. S.	do	17 40
		Franklin, F. T. Glenn, V. S. Gundlock, Chas Hawkins, Clyde Hoover, F. F. Hunter, J. W	do	27 33
	1	Hower F F	do	10 00 18 70
	1	Hunter I. W	do	20 00
	1			-0 00

0.	Date.	To whom.	For what.	Amou
	1913.	Johnson, C. C. Kleim, J. A. J. Langhoff, William Long, J. F. May, U. G. Moore, C. P. Nelson, C. Q. Peterson, Nick Reed, B. L. Sandwell, Martin Snyder, T. B. Snook, Orval Stearns, L. M. Surbaugh, C. A. Thomson, H. L. Vandeventer, J. H. Wilson, Wesley Wright, Amos Wright, G. E. W. W. Lindley, Postmaster Lewis Electric Supply Co. Central Electric Co. The Burr Co. Eisner Grocery Co. J. C. Thomas. Farrar & Quinlan Bacon Brothers The Taylor Hardware Co. Funk Bros. Seed Co. John H. Doyle James H. Rice Co. James F. Umpleby. Automatic Electric Co. Knowlton & Bennett The Graham Mfg. Co. Johnson Bros Reliable Plumbing & Heating Co.		
$d_{ld}^{35}$	July 19	Johnson, C. C.	Wages \$12 60	
d.		Kleim, J. A. J.	do	
		Langnon, William		
	1	May. U. G.	-do	
		Moore, C. P.	do	
	1	Nelson, C. Q	do 16 60	
		Peterson, Nick	do 16 00	
		Reed, B. L		
	1	Snyder T. B	do 16 60	
	1	Snook, Orval	do	
	ĺ	Stearns, L. M		
		Surbaugh, C. A	do	
		Thomson, H. L	18 40	
	1	Wilson Wasley	do 28 80	
		Wright, Amos	do	
		Wright, G. E	do	
36	do	W. W. Lindley, Postmaster	Postage	\$43 1
37 38	July 21	Lewis Electric Supply Co	Electric supplies	
оо 39	do	The Burr Co	Canaral cumplies	1
10	do	Eisner Grocery Co.	Supplies	2
ii	do	J. C. Thomas	do	-
12	do	Farrar & Quinlan	do	4
13	do	Bacon Brothers	Company I grown bloom	
14 15	do	Tine Taylor Hardware Co	General supplies Alfalfa Repairs Building repairs Fencing Telephone apparatus Line Glue General supplies Building materials Plumbing repairs Books General supplies Butter Awning Supplies Office supplies Paper Cream Water Oats, corn General supplies General supplies Dajories Judex (eards) Judex (eards) Judex (eards) Judex (eards) Judex (eards) Judex (eards)	2
16	do	John H. Dovle	Renairs	
17	do	James H. Rice Co.	Building repairs	50
18	do	James F. Umpleby	Fencing	153
19	do	Automatic Electric Co	Telephone apparatus	13
50	do	Alexander Lumber Co	Line	50 153 1
51 52	do	The Graham Mfg Co	General supplies	
53	do	Johnson Bros	Building materials	1
53 54	do	Reliable Plumbing & Heating Co	Plumbing repairs	:
55	do	A. C. McClurg & Co	Books	
56	do	Watson Faulkner	General supplies	3
57 58	do	George Strode	Awning	3
59	do	National Biscuit Co	Supplies	
60	do	The Celluloid Co	Office supplies	
61	do	Burrough Adding Machine Co	Paper	
32 33	do	The Sanitary Dairy	Cream	4
อฮ 54		Dryon & Burt	Oets corn	22
35	do	H. Swannell & Son.	General supplies	44 33
36	do	Percival & Moorehead	do	1
37	do	W. Lewis & Co	Shade	
88	do	Hunter, Rourke & Co	Laboratory apparatus	1
39 70	ao	Munnall Printing House	Laboratory apparetus	1
1	do	The Chas A Hall Hardware Co	Fencing	1
72	do	Armour Fertilizer Works	Laboratory supplies	3 9
3 4	do	S. E. Huff & Co	Coal, supplies	9
4	do	Metzler & Schafer Co	Laboratory supplies	
5	ob	Kouffel & Esser Co	Tehoretory apparetus	1
6 7	do,	Vaughan's Seed Store	General supplies	1
8	do	Keuffel & Esser Co.	Laboratory apparatus	46
79	do	Strauch Kodak Finishing Shop	Printing, developing	1: 46 28 16
80 81	do	Standard Oil Co	Oil	16
31 32	on	Standard Ull Co	Conoral supplies	10
33	do	S. E. Huff & Co.	Lumber	11
34	do	The Burr Co	Laboratory apparatus	11
35 36	do	The Burr Co	do	19
36	do	Metzler & Schafer Co	Supplies	19
37	do	Knowiton & Bennett The Graham Mig. Co. Johnson Bros. Reliable Plumbing & Heating Co. A. C. McClurg & Co. Watson Faulkner. Twin city Creamery Co. George Strode. National Biscuit, Co. The Celluloid Co. Burrough Adding Machine Co. The Sanitary Dairy. Champaign & Urbana Water Co. Dryer & Burt. H. Swannell & Som. Percival & Moorehead. W. Lewis & Co. Hunter, Rourke & Co. Munhail Printing House. Keuffel & Esser Co. The Chas. A. Hall Hardware Co. Armour Fertilizer Works S. E. Huff & Co. Metzler & Schafer Co. Strauch Kodak Finishing Shop. Keuffel & Esser Co. Vaughan's Seed Store Keuffel & Esser Co. Strauch Kodak Finishing Shop. Standard Oil Co. Strauch Kodak Finishing Shop. Standard Oil Co. Vaughan's Seed Store S. E. Huff & Co. The Burr Co. The Burr Co. The Burr Co. The Burr Co. Metzler & Schafer Co. Champaign Steam Laundry. Champaign Steam Laundry. Champaign Steam Laundry. Champaign Steam Laundry. Champaign Steam Laundry. Champaign Steam Laundry. Ch. Bowba & Son. S. E. Huff & Co. J. Bowman Strauch Kodak Finishing Shop.	Laundry	4.
38 39	do	L C Gobal & Co	Fancing	190
90	do	T. J. Colvin	Laboratory supplies	130
91	do	The Saffell Co.	Building materials	30
92	do	O. E. Shobe & Son	Livery hire	30 2 6
93	do	S. E. Huff & Co	Lumber	23 34
94	do	J. Bowman	Machinery, supplies	23
95	uo	Buauch Kouak funshing Shop	rimanig, developing	34

0.	Date.	To whom.	For what.	Amoun
	1913.			
L96	July 21		Salaries for instructions	\$50, 228
		Clard, C. R. Mann, Frederick M. Ricker, N. C. Wells, N. A. White, J. M. Lake, E. J. Stebbins, Joel. Barlow, Bronson. Rahn, Otto. Hottes, C. F. Barrett, J. T. Hursh, R. K.	Salary, July, 1913 \$166 66	i
		Mann, Frederick M	do 333 33	
		Ricker, N. C	do 291 66	
		Wells, N. A	do 208 33	
		White, J. M	do 333 33	:1
	}	Lake, E. J.	do 150 00	)]
		Stebbins, Joel	do 104 16	
		Barlow, Bronson	do	
	1	Rahn Otto	do	
	<b>.</b>	Hottes C F	do	
	i	Regrett I T	do	
	i	Hand D V	do	
	{	Dodoliffo D C	do 100 00	
		Radeline, D. S	do	
		Stull, R. T	do	
	1	Balke, C. W	do 183 33	
		Derick, C. G	do 141 66	i
	1	Kessler, Ernst	do 60 00	rl
		Noves, W. A.	do	
		Parr S W	do	
	ĺ	Smith C M	do	
		Machany T W	do 100 00	
	l	Wahan II C. D	do	
	ł	Rahn, Otto. Hottes, C. F. Barrett, J. T. Hursh, R. K. Radolifie, B. S. Stull, R. T. Balke, C. W Derick, C. G. Kessler, Ernst. Noyes, W. A. Parr, S. W. Smith, G. M. Washburn, E. W. Weber, H. C. P. Baker, I. O. Dufour, F. O. McDaniel, A. B. Malcolm, C. W. Smith, J. E. Barton, H. J. Canter, H. V. Moss, C. M. Oldiather, W. A. Pease, A. S. Frazer, Geo. E. Friero, E. Saxton, Olive F. Warnock, A. R. Strong, Lillian Bogart, E. L. Dewsnup, E. R. Duncan, J. C. Litman, Simon Robinson, M. H. Weston, N. A. Anderson, L. F. Bagley, W. C. Coffman, L. D. Buller, W. S. Berg, E. J. Brooks, Morgan Bryant, J. M. Paine, E. B. Waldo, E. H. Abrams, D. A. Chittenden, A. K. Kratz, A. P. McFarland, D. F. Slater, W. A. P. McFarland, D. F. Slater, W. A.	do	
	Į.	Baker, I. O	do 333 33	
		Dufour, F. O	do 166 66	1~
	1	McDaniel, A. B	do 208 33	il .
		Malcolm, C. W	do 150 00	
	ļ	Smith J. E	do 125 00	
		Barton H I	do	
	1	Center H V	.do	
	1	Maga C M	do 000 000	
		MOSS, C. M	do	
	1	Oldfather, W. A	do 229 16	
	,	Pease, A. S	do 208 33	
		Frazer, Geo. E.	do 300 00	·
		Fiero, E. E.	do	l.
		Saxton, Olive F	do	
		Warnock A R	do	
		Strong Lillion	do	
		Poront F T	do	
		Dogart, E. D.		
		Dewshup, E. R	do	
	}	Duncan, J. C	do	
	ŀ	Litman, Simon	do 183 33	
		Robinson, M. H	do	
		Weston, N. A	do	
		Anderson, L. F	do 208 33	· I
		Bagley, W. C	do 291 66	
		Coffman, L. D.	do 250 00	l
		Miller, W. S.	do 125 00	I
		Berg E I	do 333 33	
		Brooks Morgan	do	
		Bryont T M	do	
		Doing F D	40 000 00	
		Talle To Tr	do	
		vv aluu, E. H.	do 166 66	
		Aprams, D. A.	do	
		Unittenden, A. K	do	
		Kratz, A. P	do 100 00	
		Kratz, A. P. McFarland, D. F. Slater, W. A. Vedder, J. N. Yensen, T. D. Moore, H. F. Alden, R. M. Baldwin, E. C. Clark, T. A. Dodge, D. K. Fulton, Edward. Guild, T. H. Jones, H. S. V. Paul, H. G.	do 150 00	1
		Slater W A	do	
		Vedder I N	do	
		Voncon T D	do	
		Moore IT E	200 00	
		Alden D W	do	
		Alden, K. M.	do	
		Baldwin, E. C	do	
		Clark, T. A	do	
- 1		Dodge, D. K.	do	1
		Fulton, Edward	do	
		Guild, T. H	.do	
		Tonge H S V	.do	
- 1		Doub TT C	40 00	
		Fau, A. G	do	
		SCOUL, F. W	do	
		Sherman, S. P	do	
		Zeitlin, Jacob	do 125 00	
		Folsom, J. W	do	
		Forbes, S. A	do	1
-		McCillivray A D	.do	
		Millon IT W	do	
		Muler, H. W	ao 150 00	
		Jones, H. S. V Paul, H. G. Scott, F. W. Sherman, S. P Zeitlin, Jacob Folsom, J. W Forbes, S. A. McGillivray, A. D. Miller, H. W Bayley, W. S. Rolfe, C. W. Savage, T. E.	do	
-		Rolfe, C. W	do 250 00	
	1	Corrogo TI TI	do 166 66	D.

No.	Date.	To whom.	For what.	Amou
	1913.			
196	July 21	Brooks, N. C	Salary, July, 1913 \$200 00	
Ctd.	,	Flom, G. R	do 208 33	
		Goebél, Julius	do 270 83	
		Legging () E	do	
	}	Meyer, G. H	do 208 33	
		Meyer, G. H. Bailey, Margaret L. Kinley, David. Hollister, H. A. Alvord, C. W. Buck, S. J. Ford, G. S. Greene, E. B. Larson L. M.	do50 00	
		Kinley, David	do 500 00	
		Hollister, H. A	do	
	,	Alvord, C. W	do 145 83	
	·	Buck, S. J	do 116 66	
		Ford, G. S	do 250 00	
	1	Greene, E. B	do 375 00	
	1			
		Robertson, W. S. Decker, E. H.	do 166 66	
		Decker, E. H	do 250 00	Į.
		Green, Frederick	do 291 66	d .
		Hale, W. G	do 250 00	1
		Harkar () A	1 40 333 33	
	}	Pomeroy, J. N	do 183 33	il .
		Pomeroy, J. N. Vernier, C. G.	do 291 66	,
	1	Wormser, I. M	100 00	
	ł	Babcock, K. C	1do 416 66	
		Bond, Ethel	do 83 33	
		Craig. Jennie A	l do 75.00	ı
		Curtis, Florence R	ldo 110 00	·[
				1
		Simpson, Frances	L. do	
	}	Drury F. K. W Dunlap, Fannie	do 166 66	i
		Dunlap, Fannie	do 55 00	1
		Goulding, P. S. Herdman, Margaret	do 133 33	
		Herdman, Margaret	do 75 00	1
		Hodnefield, Jacob	do 100 00	1
		Hutchins, Margaret	1do 75 00	)}
	ĺ	Janvrin C. E.	do 37 50	
	1	Johnson, Alice	do 70 00	
		Julion, Emma R.	1do	d .
		Kaiser, J. B.	1do 100 00	ı)
		Karsten, Eleanor (†	Ldo	l l
	ł	Kingsbury, Margaret L	do 75 00	
	ļ	Kingsbury, Margaret L. Windsor, P. L.	do	
		Wyeth, Óla M Patton, Adah	do 75 00	)
	1	Patton, Adah	do 83 33	1
	İ	Branch, Nellie U. Brown, Flora M.	do	)
	1	Brown, Flora M	do 60 00	)}
		Borger, R. L	1do 125 00	ri e
	l			i{
		Emch, Arnold Lytle, E. B Miller, G. A	do 166 66	i l
		Lytle, E. B.	do 133 33	
		Miller, G. A.	do	)
	l	Rietz H. L.	1 do 150 00	)}
	1	Shaw, J. B	do	
		Sisam, C. H	do 158 33	
	]	Shaw, J. B. Sisam, C. H. Townsend, E. J. Benedict, B. W.	do 333 33	
	1	Benedict, B. W	do	
	}	Frisk, J. A	do 91 00	il
		Goodenough, G. A	do	
		Leutwiler, O. A	do	
	1	Richards, C. R	100	
		Morse, B. C	do	
		Lincoln, F. C	do 166 66	
		Stock, H. H	do 333 33	
				il
		Fleming, V. R	do 125 00	)
		Habermeyer, G. C	do	il
		Talbot, A. N	do	
		Enger, M. L. Fleming, V. R. Habermeyer, G. C. Talbot, A. N. Mills, C. H. Schwartz, G. F. Clark, A. H.	do 208 33	
	1	Schwartz, G. F	do 158 33	
	l	Clark, A. H	do	1
		Day, W. B	do 208 33	l
	1	Goodman, F. M	do	
	ĺ	Snow, C. M	do	l l
	1	Bode, B. H.	do	H
	I	Daniels, A. H.	do	d
	1	Burge, W. E.	do	1
	1	Huff, G. A.	do	H
	1	Clark, A. H. Day, W. B. Goodman, F. M. Snow, C. M. Bode, B. H. Daniels, A. H. Burge, W. E. Huff, G. A. Moulton, Gertrude E. Carman, A. P. Knipp, C. T. Kunz, Jacob	do116_66	1
	1	Carman, A. P.	do	d
	1	Knipp, C. T	do	:
	1	Kung Tacoh	do	1

Strong E. T.	٧o٠	Date.	To whom.	For what.	Amour
Buck, A. M.		1913.			
Buck, A. M.	196	July 21	Schulz, W. F	Salary, July, 1913\$ 166 66	3
Buck, A. M.	Ctd.	-	Strong, E. T	. do	) .
Buck, A. M.		ł	Watson, F. R	do	) (
Buck, A. M.		1	Williams, E. H	do 125 00	)
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, J. B.   do   116 66     Blondheim, D. S.   do   116 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   203 33     FitzGerald, J. D.   do   203 33     Gaver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Stewart, H. W.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, F. A.   do   125 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Whiting, A. L.   do   150 00     Whiting, H. R.   do   150 00     Woodard, John   do   150 00     Woodard, John   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. G.   do   166 66     Gurialsel, W. J.   do			Filbey, E. J	. do 166 66	3)
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, J. B.   do   116 66     Blondheim, D. S.   do   116 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   203 33     FitzGerald, J. D.   do   203 33     Gaver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Stewart, H. W.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, F. A.   do   125 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Whiting, A. L.   do   150 00     Whiting, H. R.   do   150 00     Woodard, John   do   150 00     Woodard, John   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. G.   do   166 66     Gurialsel, W. J.   do			James, Edmund J	do	)
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, I. B.   do   166 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   208 33     FitzGerald, J. D.   do   208 33     Oliver, T. A. R.   do   208 33     Simple, F. C.   do   208 33     Hayes, E. C.   do   223 33     Hayes, E. C.   do   223 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Gustafson, A. F.   do   166 66     Hegnaner, Leonard   do   250 00     Hopkins, C. G.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Hoskins, E. E.   do   125 00     Hoskins, E. E.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   166 66     Gurnalson, J. L.   do   150 00     Holkins, E. E.   do   150 00     Holkins, E. E.   do   166 66     Gurnert, W. B.   do   150 00     Woodard, John   do   70 00     Barto, D. O.   do   166 66     Gurnert, W. B.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Heganore, H. C.   do   125 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   166 66     Gernert, W. C.			Dodd, W. F	do 166 66	3}
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, J. B.   do   116 66     Blondheim, D. S.   do   116 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   203 33     FitzGerald, J. D.   do   203 33     Gaver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Solver, F. A. R.   do   203 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Hogkins, C. G.   do   125 00     Stewart, H. W.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, F. A.   do   125 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Hoskins, E. E.   do   150 00     Whiting, A. L.   do   150 00     Whiting, H. R.   do   150 00     Woodard, John   do   150 00     Woodard, John   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Woodard, John   do   166 66     Gurialsel, W. J.   do   166 66     Gurialsel, W. J.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. G.   do   166 66     Gurialsel, W. J.   do		1	Fairlie, John A	do	) !
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, I. B.   do   166 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   208 33     FitzGerald, J. D.   do   208 33     Oliver, T. A. R.   do   208 33     Simple, F. C.   do   208 33     Hayes, E. C.   do   223 33     Hayes, E. C.   do   223 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Gustafson, A. F.   do   166 66     Hegnaner, Leonard   do   250 00     Hopkins, C. G.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Hoskins, E. E.   do   125 00     Hoskins, E. E.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   166 66     Gurnalson, J. L.   do   150 00     Holkins, E. E.   do   150 00     Holkins, E. E.   do   166 66     Gurnert, W. B.   do   150 00     Woodard, John   do   70 00     Barto, D. O.   do   166 66     Gurnert, W. B.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Heganore, H. C.   do   125 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   166 66     Gernert, W. C.			Garner, J. W	.do	ol l
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, I. B.   do   166 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   208 33     FitzGerald, J. D.   do   208 33     Oliver, T. A. R.   do   208 33     Simple, F. C.   do   208 33     Hayes, E. C.   do   223 33     Hayes, E. C.   do   223 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Gustafson, A. F.   do   166 66     Hegnaner, Leonard   do   250 00     Hopkins, C. G.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Hoskins, E. E.   do   125 00     Hoskins, E. E.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   166 66     Gurnalson, J. L.   do   150 00     Holkins, E. E.   do   150 00     Holkins, E. E.   do   166 66     Gurnert, W. B.   do   150 00     Woodard, John   do   70 00     Barto, D. O.   do   166 66     Gurnert, W. B.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Heganore, H. C.   do   125 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   166 66     Gernert, W. C.		1	Mathew, J. H	do	3
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, I. B.   do   166 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   208 33     FitzGerald, J. D.   do   208 33     Oliver, T. A. R.   do   208 33     Simple, F. C.   do   208 33     Hayes, E. C.   do   223 33     Hayes, E. C.   do   223 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Gustafson, A. F.   do   166 66     Hegnaner, Leonard   do   250 00     Hopkins, C. G.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Hoskins, E. E.   do   125 00     Hoskins, E. E.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   166 66     Gurnalson, J. L.   do   150 00     Holkins, E. E.   do   150 00     Holkins, E. E.   do   166 66     Gurnert, W. B.   do   150 00     Woodard, John   do   70 00     Barto, D. O.   do   166 66     Gurnert, W. B.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Heganore, H. C.   do   125 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   166 66     Gernert, W. C.		İ	Bentley, Madison	do	)
Buck, A. M.   do   150 00     Dunn, H. H.   do   91 66     McLean, A. H.   do   91 66     McLean, A. H.   do   80 00     Marquis, F. W.   do   150 00     Schmidt, E. C.   do   291 66     Snodgrass, J. M.   do   175 00     Smith, Adelle, C.   do   60 00     Beck, I. B.   do   166 66     Blondheim, D. S.   do   116 66     Carnahan, D. H.   do   208 33     FitzGerald, J. D.   do   208 33     Oliver, T. A. R.   do   208 33     Simple, F. C.   do   208 33     Hayes, E. C.   do   223 33     Hayes, E. C.   do   223 33     Todd, A. J.   do   137 50     Carpenter, F. W.   do   137 50     Carpenter, F. W.   do   166 66     Smith, Frank   do   208 33     Ward, H. B.   do   333 33     Zeleny, Charles   do   208 33     Allyn, Orr   do   208 33     Allyn, Orr   do   70 00     Bauer, F. C.   do   125 00     Burlison, W. L.   do   100 00     Fisher, O. S.   do   166 66     Gustafson, A. F.   do   166 66     Gustafson, A. F.   do   166 66     Hegnaner, Leonard   do   250 00     Hopkins, C. G.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Gernert, W. B.   do   125 00     Hoskins, E. E.   do   125 00     Hoskins, E. E.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Holkenson, R. W.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, J. D.   do   166 66     Gurnalson, J. L.   do   150 00     Holkins, E. E.   do   150 00     Holkins, E. E.   do   166 66     Gurnert, W. B.   do   150 00     Woodard, John   do   70 00     Barto, D. O.   do   166 66     Gurnert, W. B.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Whitchurch, J. E.   do   150 00     Heganore, H. C.   do   125 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   150 00     Gernert, W. B.   do   166 66     Gernert, W. C.		I	Sutherland, A. H	do	ol .
Oliver, T. E.			Buck, A. M.	150 00	
Oliver, T. E.		i	Dunn, H. H	do	
Oliver, T. E.		1	McLean, A. H.	do	
Oliver, T. E.			Marquis F W	do 150 00	
Oliver, T. E.			Schmidt E C	do	
Oliver, T. E.		ł	Snodgrass I M	175 00	
Oliver, T. E.		1	Smith Adelle C	do 60 00	
Oliver, T. E.		t	Beck J B	do 166 6	
Oliver, T. E.		I	Blondheim, D. S.	116 A	
Oliver, T. E.		1	Carnahan, D. H	908 3	
Oliver, T. E.		1	FitzGerald, J. D.	208 30 208 30	
Seymour, A. R.		1	Oliver T E	do 208 3	
Carpenter, F. W.		1	Saymour A R	do 166 66	
Carpenter, F. W.		1	Haves E. C	-do	ăl .
Carpenter, F. W.		1	Todd A I	do 104 1	
Carpenter, F. W.		Į.	Adome C C	do 137 50	
Smith, Frank   do   208 33   Ward, H. B   do   333 33   Zeleny, Charles   do   70 00   Bauer, F. C.   do   125 00   Burlison, W. L   do   100 00   Fisher, O. S   do   166 66   Gustafson, A. F   do   150 00   Hegnauer, Leonard   do   250 00   Hegnauer, Leonard   do   250 00   Hegnauer, Leonard   do   250 00   Hopkins, C. G   do   416 66   Gustafson, J. F   do   266 66   Pettit, J. H   do   250 00   Smith, L. H   do   250 00   Sweart, H. W   do   150 00   Whiting, A. L   do   125 00   Gernert, W. B   do   125 00   Park, J. B   do   125 00   Park, J. B   do   150 00   Aumer J. P   do   150 00   Binding, L. R   do   70 00   Dickenson, R. W   do   70 00   Dickenson, R. W   do   70 00   Fisher, F. A.   do   83 33   Garrett, F. W   do   150 00   Hoskins, E. E   do   150 00   Keller, Oran   do   70 00   Leighty, W. R   do   150 00   Whitehurch, J. E   do   150 00   Keller, Oran   do   70 00   Dickenson, Gertrude   do   150 00   Miederman, Gertrude   do   150 00   Wascher, F. W   do   150 00   Sachs, W. H   do   150 00   Wascher, F. W   do   150 00   Miederman, Gertrude   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   150 00   Wascher, F. W   do   166 66   Bull, Sleeter   do   166 66   Grindley, H. S   do   150 00   Edmonds, J. L   do   166 66   Grindley, H. S   do   150 00   Handschin, W. F   do   150 00   Handschin, W. F   do   150 00   Mumford, H. W   do   416 66   Grindley, H. S   do   125 00   Mumford, H. W   do   416 66   Grindley, H. S   do   125 00   Mumford, H. W   do   416 66   Grindley, H. S   do   125 00   Mumford, H. W   do   416 66   Grindley, H. S   do   125 00   Mumford, H. W   do   416 66   Grindley, H. S   do   125 00   Mumford, H. W   do   416 66   Grindley, H. S   do   416 66   Grindley, H. S   do   416 66   Grindle			Corporter F W	do 166 66	
Zeleny, Charles		1	Smith Fronk	do 900 25	
Zeleny, Charles		1	Word H B	do 222 25	31
Allyn, Orr.		1 .	Zolony Charles	do 000 0	
Bauer, F. C.   do   125 00			Allers One	do 70 0	
Burlison, W. L		1	Person F C		
Fisher, O. S.   do.   166 66     Gustaíson, A. F.   do.   150 00     Hegnaner, Leonard.   do.   250 00     Hopkins, C. G.   do.   416 66     Mosier, J. G.   do.   266 66     Pettit, J. H.   do.   250 00     Smith, L. H.   do.   250 00     Stewart, H. W.   do.   150 00     Whiting, A. L.   do.   125 00     Gernert, W. B.   do.   125 00     Park, J. B.   do.   125 00     Aumer, J. P.   do.   150 00     Binding, L. R.   do.   70 00     Binding, L. R.   do.   70 00     Fisher, F. A.   do.   83 33     Garrett, F. W.   do.   83 33     Garrett, F. W.   do.   83 33     Garrett, F. W.   do.   150 00     Hoskins, E. E.   do.   150 00     Keller, Oran.   do.   70 00     Leighty, W. R.   do.   150 00     Niederman, Gertrude.   do.   150 00     Niederman, Gertrude.   do.   150 00     Wascher, F. W.   do.   150 00     Wascher, H. C.   do.   150 00     Woodard, John   do.   70 00     Barto, D. O.   do.   150 00     Woodard, John   do.   70 00     Barto, D. O.   do.   150 00     Woodard, John   do.   70 00     Barto, D. O.   do.   166 66     Grindley, H. S.   do.   225 00     Handschin, W. F.   do.   150 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   125 00     Mumford, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Mumford, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Mumford, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Mumford, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Hold, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Hold, H. W.   do.   416 66     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00     Holl, L. D.   do.   150 00		i .	Dauer, r. C	do 100 00	
Gustaíson, A. F. do 150 00  Hegnauer, Leonard do 250 00  Hopkins, C. G do 416 66  Mosier, J. G do 256 00  Smith, L. H do 250 00  Stewart, H. W do 150 00  Whiting, A. L do 150 00  Fark, J. B do 150 00  Smith, L. R do 150 00  Whiting, A. L do 150 00  Fark, J. B do 150 00  Binding, L. R do 150 00  Binding, L. R do 70 00  Dickenson, R. W do 83 33  Garrett, F. W do 83 33  Garrett, F. W do 150 00  Hoskins, E. E do 150 00  Keller, Oran do 150 00  Keller, Oran do 150 00  Niederman, Gertrude do 150 00  Sachs, W. H do 150 00  Van Alstine, E do 150 00 Wascher, F. W do 150 00  Wascher, F. W do 150 00  Sachs, W. H do 150 00  Wascher, F. C do 150 00  Wascher, F. W do 150 00  Sachs, W. H do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Wascher, F. W do 150 00  Was		1	Burnson, W. L.	100 00	간
Hegnauer, Leonard		1	Contesting A. T.	100 00	
Hopkins, C. G.   do   416 66     Mosier, J. G.   do   266 66     Pettit, J. H.   do   250 00     Smith, L. H.   do   250 00     Stewart, H. W.   do   150 00     Whiting, A. L.   do   125 00     Gernert, W. B.   do   125 00     Park, J. B.   do   150 00     Aumer, J. P.   do   150 00     Binding, L. R.   do   70 00     Dickenson, R. W.   do   70 00     Fisher, F. A.   do   83 33     Garrett, F. W.   do   83 33     Holt, S. V.   do   150 00     Hoskins, E. E.   do   150 00     Keller, Oran   do   70 00     Leighty, W. R.   do   150 00     Niederman, Gertrude   do   100 00     Sachs, W. H.   do   125 00     Van Alstine, E.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Wascher, F. W.   do   150 00     Woodard, John   do   70 00     Barto, D.   do   150 00     Whitchurch, J. E.   do   150 00     Woodard, John   do   70 00     Barto, D.   do   166 66     Bull, Sleeter   do   166 66     Carmichael, W. J.   do   225 00     Edmonds, J. L.   do   225 00     Edmonds, J. L.   do   225 00     Handschin, W. F.   do   125 00     Mumford, H. W.   do   416 66		ì	Gustaison, A. F	150 00	
Mosier, J. G.   do   266 66     Pettit, J. H   do   250 00     Smith, L. H   do   250 00     Stewart, H. W   do   150 00     Whiting, A. L   do   125 00     Gernert, W. B   do   125 00     Park, J. B   do   150 00     Aumer, J. P   do   150 00     Binding, L. R   do   70 00     Dickenson, R. W   do   70 00     Fisher, F. A   do   83 33     Garrett, F. W   do   83 33     Holt, S. V   do   150 00     Hoskins, E. E   do   150 00     Keller, Oran   do   70 00     Leighty, W. R   do   150 00     Niederman, Gertrude   do   100 00     Sachs, W. H   do   125 00     Van Alstine, E   do   150 00     Wascher, F. W   do   33 33     Wheeler, H. C   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   150 00     Wascher, F. W   do   166 66     Bull, Sleeter   do   116 66     Carmichael, W. J   do   41 66     Grindley, H. S   do   225 00     Edmonds, J. L   do   166 66     Grindley, H. S   do   225 00     Handschin, W. F   do   150 00     Mumford, H. W   do   416 66		}	Hegnauer, Leonard	250 00	
Pettit, J. H.			Hopkins, C. G.	410 00	
Smith, L. H.   do   250 00			MOSIEF, J. G.	200 00	
Stewart, H. W.   do   150 00			Pettit, J. H	250 00	
Whiting, A. L. do 125 00 Gernert, W. B. do 125 00 Park, J. B. do 125 00 Park, J. B. do 150 00 Binding, L. R. do 70 00 Binding, L. R. do 70 00 Fisher, F. A do 83 33 Garrett, F. W. do 83 33 Holt, S. V. do 150 00 Hoskins, E. E. do 150 00 Keller, Oran do 150 00 Keller, Oran do 150 00 Ucighty, W. R. do 150 00 Niederman, Gertrude do 150 00 Niederman, Gertrude do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 83 33 Wheeler, H. C. do 150 00 Wascher, F. W. do 83 33 Wheeler, J. E. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Wascher, F. W. do 150 00 Whitchurch, J. E. do 150 00 Woodard, John do 70 00 Barto, D. do 166 66 Bull, Sleeter do 166 66 Carmichael, W. J. do 166 66 Carmichael, W. J. do 166 66 Grindley, H. S. do 225 00 Edmonds, J. L. do 150 00 Handschin, W. F. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150 00 Joseph, W. E. do 150			Smith, L. H.	00 250 00	
Gernert, W. B.			Stewart, H. W	150 00	
Aumer, J. P. d0. 150 000 Binding, L. R. d0. 70 001 Dickenson, R. W d0. 70 001 Fisher, F. A. d0. 83 33 Garrett, F. W d0. 83 33 Holt, S. V d0. 150 001 Hoskins, E. E d0. 150 001 Keller, Oran d0. 70 001 Leighty, W. R. d0. 100 001 Logan, C. C. d0. 150 001 Niederman, Gertrude. d0. 150 001 Sachs, W. H d0. 125 001 Van Alstine, E d0. 150 001 Wascher, F. W d0. 83 33 Wheeler, H. C. d0. 150 001 Whitchurch, J. E d0. 150 001 Whitchurch, J. E d0. 150 001 Barto, D. O d0. 166 66 Bull, Sleeter d0. 166 66 Carmichael, W. J d0. 225 001 Edmonds, J. L. d0. 166 66 Grindley, H. S. d0. 225 001 Handschin, W. F d0. 225 001 Handschin, W. F d0. 225 001 Handschin, W. F d0. 150 001 Mumford, H. W d0. 225 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 416 66		1	Wniting, A. L.	125 00	
Aumer, J. P. d0. 150 000 Binding, L. R. d0. 70 001 Dickenson, R. W d0. 70 001 Fisher, F. A. d0. 83 33 Garrett, F. W d0. 83 33 Holt, S. V d0. 150 001 Hoskins, E. E d0. 150 001 Keller, Oran d0. 70 001 Leighty, W. R. d0. 100 001 Logan, C. C. d0. 150 001 Niederman, Gertrude. d0. 150 001 Sachs, W. H d0. 125 001 Van Alstine, E d0. 150 001 Wascher, F. W d0. 83 33 Wheeler, H. C. d0. 150 001 Whitchurch, J. E d0. 150 001 Whitchurch, J. E d0. 150 001 Barto, D. O d0. 166 66 Bull, Sleeter d0. 166 66 Carmichael, W. J d0. 225 001 Edmonds, J. L. d0. 166 66 Grindley, H. S. d0. 225 001 Handschin, W. F d0. 225 001 Handschin, W. F d0. 225 001 Handschin, W. F d0. 150 001 Mumford, H. W d0. 225 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 150 001 Mumford, H. W d0. 416 66			D T. D.	125 00	
Binding, L. R.		1	Park, J. D.	150 00	
Dickenson, R. W		1	Aumer, J. P	150 00	
Fisher, F. A			Binding, L. R	70 00	
Garrett, F. W. do 83 33   Holt, S. V do 150 00   Hoskins, E. E do 150 00   Keller, Oran. do 70 00   Leighty, W. R. do 100 00   Logan, C. do 150 00   Niederman, Gertrude. do 100 00   Sachs, W. H. do 125 00   Van Alstine, E. do 150 00   Wascher, F. W do 83 33   Wheeler, H. C. do 150 00   Whitchurch, J. E do 150 00   Whitchurch, J. E do 150 00   Wandley H. C. do 150 00   C. do 150 00   Wascher, F. W do 150 00   Whitchurch, J. E do 150 00   Whitchurch, J. E do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 166 66   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G. do 150 00   G			Dickenson, R. W		₹}
Holt, S. V		1	Fisher, F. A	83 3	
Keller, Oran   do   70 00		1	Garrett, F. W		
Keller, Oran		I	Hoit, S. V	150 00	
Niederman, Gettrude.	,		Hoskins, E. E.	. qo 150 00	
Niederman, Gettrude.		1	Keller, Oran	. ao	
Niederman, Gettrude.		1	Leignty, W. R	100 00	
Niederman, Gettrude.		1	Logan, C. C.	ao 150 00	
Witchtren, J. E		ì	Niadarman (fartriida	1 00 100.00	
Witchtren, J. E		1	Sachs, W. H	.	
Witchtren, J. E		1	Van Alstine, E	. do 150 00	
Witchtren, J. E		1	Wascher, F. W	. do 83 33	
Witchtren, J. E		1	Wheeler, H. C	. do	
Woodard, John       do       70 00         Barto, D. O.       do       166 66         Bull, Sleeter       do       116 66         Carmichael, W. J.       do       41 66         Coffey, W. C.       do       225 00         Edmonds, J. L.       do       166 66         Grindley, H. S.       do       291 66         Hall, L. D.       do       225 00         Handschin, W. F.       do       150 00         Joseph, W. E.       do       125 00         Mumford, H. W.       do       416 66         Remain Locardon       do       70 16		1	wnitenuren. J. E	.	
Bull, Sleeter do de de de de de de de de de de de de de		I	Woodord John	1 40 70.00	
Bull, Sleeter do de de de de de de de de de de de de de		1	Barto, D. O	. do 166 66	
Carmichael, W. J.     do.     41 66       Coffey, W. C.     do.     225 00       Edmonds, J. L.     do.     166 66       Grindley, H. S.     do.     291 66       Hall, L. D.     do.     225 00       Handschin, W. F.     do.     150 00       Joseph, W. E.     do.     125 00       Mumford, H. W.     do.     416 66       Mumford, H. W.     do.     416 66		1	Bill Sleeter	1.:00 116.66	3
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1	Carmichael, W. J	. do	3
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1	Coffey, W. C	do 225 00	)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			Edmonds, J. L	. do 166 66	
Hall, L. D.   do   225 00     Handschin, W. F   do   150 00     Joseph, W. E   do   125 00     Mumford, H. W   do   416 66     Perry, Leonora   do   79 16     Place, V. A   do   83 33     Rusk, H. P   do   175 00     Smith, W. H   do   108 33     Wells, J. R   do   70 00		1	Grindley, H. S	(do	
Handschin, W. F   do   150 00     Joseph, W. E   do   125 00     Mumford, H. W   do   416 66     Perry, Leonora   do   79 16     Place, V. A   do   83 33     Rusk, H. P   do   175 00     Smith, W. H   do   108 33     Wells, J. R   do   70 00		1	Hall, L. D.	. do	
Joseph, W. E.		1	Handschin, W. F	. do 150 00	
Mumford, H. W     do     416 66       Perry, Leonora.     do     79 16       Place, V. A     do     83 33       Rusk, H. P     do     175 00       Smith, W. H     do     108 33       Wells, J. R     do     70 00		ı	Joseph, W. E	do 125 0	
Perry, Leonora.       do.       79 16         Place, V. A.       do.       83 33         Rusk, H. P.       do.       175 00         Smith, W. H.       do.       108 33         Wells, J. R.       do.       70 00		I	Mumford, H. W	do	
Place, V. A		1	Perry, Leonora	70 16	3
Rusk, H. P. do 175 00 Smith, W. H. do 108 33 Wells, J. R. do 70 00		l	Place, V. A	do	ál
Smith, W. H   do   108 33   Wells, J. R   do   70 00		1	Rusk H P	do 175 or	
Wells, J. R		1	Smith W H	do 100 25	ăl '
10 00		1	Walle T P	do 70 0	ál
Yoke, J. J		1	Volzo T T	do 00 00	

٧o.	Date.	To whom.	For what.	Amount
	1913.	Case, H. C. M Evans, Augusta D Nolan, A. W Rankin, F. H Simpson, F. M Gaines, W. L Pearson, F. A. Wakely, L. M Brand, R. E. Crandall, W. T Fraser, W. J Hepburn, N. W Harding, H. A Hulce, R. S Keller, O. A. Parker, H. N Ruehe, H. A Wells, W. F Blair, J. C. Durst, C. E. Foglesong, L. E. Gardner, J. J Lloyd, J. W Miller, Wilhelm Nehrling, A. H Root, R. R. Dorner, H. B Hutchinson, James Muncie, F. W Peltier, G. L Gunderson, A. J Pickett, B. S Ruth, W. A Watkins, O. S Isabel Bevier Charlotte Giobs Nellie E. Goldthwaite Maud Parsons Helena M. Pincomb Harriet Rinaker Ruth Wheeler Powell B. E		
196	July 21	Case, H. C. M	Salary, July, 1913 \$ 41 66	
Ad.	l	Evans, Augusta D	do	
	1	Nolan, A. W	.do	
	1	Simpson F M	1.00	
		Gaines W L	do 150 00	
		Pearson, F. A.	-do75 00	
	1	Wakely, L. M	do	H
	1	Brand, R. E	do 166 66	d
	l .	Crandall, W. T	do 133 33	i i
		Fraser, W. J.	do	· `
	1	Hepburn, N. W	do	1
		Harding, H. A	do 100 00	i .
		Zollor O A	do 63 33	1
ı		Porker H N	do 200 00	J
ļ		Ruehe, H. A.	-do	
- 1		Wells, W. F	do 125 00	ıl
		Blair, J. C	do	il .
1	1	Durst, C. E	do 125 00	ıl .
ļ		Foglesong, L. E	[do 100 00	Pi .
3	1	Gardner, J. J	do	1
:	1	Millor Wilhelm	266 66	1
į	1	Nahrling A H	do	
į		Root, R. R.	do	
!		Dorner, H. B.	do	
		Hutchinson, James	do 100 00	
		Muncie, F. W	do 83 33	
		Peltier, G. L	do 83 33	-
		Gunderson, A. J	do 83 33	1
	l	Pickett, B. S	do 250 00	1
	l	Westling O S	do 150 00	1
		Techal Raviar	do 250 00	
1		Charlotte Gibbs	do 125 00	
- 1		Nellie E. Goldthwaite	do	
		Maud Parsons	do 100 00	
		Helena M. Pincomb	do 133 33	1
	i	Helena M. Pincomb Harriet Rinaker. Ruth Wheeler Powell, B. E McIntosh, D. Dreyer, Geo. P O'Byrne, C. C. Rupert, R. R Barbour, Frederick L Bartow, Edward Corson, H. P Ferguson, H. F Hansen, Paul Hilscher, Ralph	do	4
	¥	Ruth Wheeler	do	
		MoIntoch D	do	
	į.	Drever Geo P	do	
		O'Byrne, C. C.	.do	
		Rupert, R. R.	do 100 00	
		Barbour, Frederick L	do 25 00	)
		Bartow, Edward	do	
		Corson, H. P	do 100 00	
		Hongon Poul	do	
		Hilscher Ralph	do100 00	
		Hinds. M. E	.do	
	Į	Langlier, W. F	do	
		Mohlmann, F. W	do 60 00	
		Andros, S. O	do 150 00	
197	July 21	Pay roll	Civil service	<b>\$7,333</b>
		Aller W E	Salary, July, 1913 55 00	
	1	Amos Winifred L	do	
		Arneson, Mabel	do60 00	
		Ash. Ethel	.do	
	l	Atkinson, C. E	do	
	}	Blackwell, Mary L	do 50 00	
	į	Boice, L. A.	do 125 00	
	1	Bolan, Anna R	do60 00	
	1	Broadnurst, Tabitha J	do	
	1	Herguson, L. Hansen, Paul Hilscher, Ralph Hinds, M. E. Langlier, W. F. Mohlmann, F. W. Andros, S. O. Pay roll Allen, Josephine Alley, W. E. Amos, Winifred L. Arneson, Mabel Ash, Ethel Akhinson, C. E. Blackwell, Mary L. Boice, L. A. Broadhurst, Tabitha J. Brown, Ina M. Browne, William H.	do 216 66	1
	1	Bryan, Sarah	do	
	1	Buckler, Helen L.	do	
	1	Coles, B. D	do	
	1	Cole, H. W	do 60 00	
	1	Crawford, C. C.	do	
	1	Cunningham, H. E	do 150 00	
	1	Browne, William H Bryana, Sarah Buckler, Helen L Coles, B. D Cole, H. W. Crawford, C. C. Cunningham, H. E Dalton, C. E David, Eshoo David, Paul Durfey, Franc.	do	
	1	David Paul	do	
	1	Durfey Franc	do	
	1	~ arrog, rranto		ļ

lo.	Date.	To whom.	For what.	Amount
	1913.	Emigh, Edith Friend, Frances M Fleind, Frances M Floss, R. I. Foss, Margaret Fraser, Viola Frogerb, Eric Goetz, Antoinette Good, Elizabeth Griffith, Mabel F. Hamilton, Alice V Havens, C. H. Hay, N Heater, Myrtle E. Houchens, Josie E. Hull, A. H. Humrichouse, Katie L. E. Johnson, Gertrude Kelley, J. H. Kirwan, Nora Knapp, Aurella Knorr, L. E. Lamb, Allie Lee, Albert R. Loomis, Metta Lund, Stella McConn, C. M. McGurty, Agnes Manspeaker, L. Mae Mathers, Jennie Meneley, Maude Meseck, Rudolph Miller, C. F. Morey, Lloyd Morrow, J. A. Murphey, M. W. North, James W. Oaks, Catherine S. Oberdorfer, H. D. Packard, Bessie Peel, Thomas Post, F. W Postlewait, Harriet L Rickets, Clara A. Rodgers, Della M. Robertson, Nellie M. Savage, John Scanlon, Mary Shepard, Anna L Showers, T. J. Slater, Sara M. Smith, Bertram Smith, Florence Smith, I. M. Smith, Bessie Smith, J. M. Stevens, Sabra Strom, Sigurd Thompson, M. E. Torrance, Mary Towne, L. J. Tytrel, J. Sephine Voight, Lida E. Winchester, B. L Wyninger, H. T. Harnack, Carman Hart, Eliza John Soyton & Co.		
197	July 21	Emigh, Edith	Salary, July, 1913 \$ 65 00	2
Cld.	i	Fig. R T	do	
		Foss. Margaret	.do	
	}	Fraser, Viola.	do	)
		Frogerb, Eric	do	)
		Goetz, Antoinette	do	)
		Griffith Mahal F	do	<b>(</b>
		Hamilton, Alice V	.do	
		Havens, C. H.	do	)
	]	Hay, N	do 166 66	3
	Ì	Heater, Myrtle E	.do. 55 00 .do. 75 00 .do. 65 00	2)
		Houchens, Josie E	do 65.00	
		Humrichouse, Katie L. E.	.do	6
	[	Johnson, Gertrude	do 55 00	)
	İ	Kelley, J. H.	do	3
	1	Kirwan, Nora	do	į
	1	Knapp, Aurena	do	
	1	Lamb. Allie	do	S)
		Lee, Albert R.	do	3
		Loomis, Metta	do 75 00	)
	İ	Lund, Stella	do	2
		McConn, C. M	do 83 39	2
		Manspeaker L. Mae	do	3
	1	Mathers, Jennie.	do	6
	1	Meneley, Maude	do 50 00	)
		Meseck, Rudolph	do	)
		Morey Lloyd	do 75 00 do 85 00	
		Morrow, J. A	do	<b>i</b> (
		Murphey, M. W.	do. 110 00 do. 70 00 do. 65 00	ó
		North, James W	do 70 00	)
		Oaks, Catherine S	do	)
		Packard Ressia	do	
	l	Pell, Elizabeth	do	6
	1	Peel, Thomas	do 55 00	)
	ł	Post, F. W.	do	)
		Postiewait, Harriet L	do	)
		Rodgers Della M	-do 40 00	
		Robertson, Nellie M.	do	) -
		Savage, John	do	)
	l	Scanlon, Mary	do	)
	1	Shepard, Anna L	do	
	1	Slater, Sara M	do	3
	l	Smith, Bertram	-do	)
	1	Smith, Florence	do. 65 00 do. 108 33 do. 100 00	j
	1	Smith, I. M	108 38	3
	1	Smith, Jessie	do	?
	1	Southwell Tames	do 115 00	S
		Staples, O. E.	do 115 00 do 150 00	ól
	1	Steftz, Alfred	do	0
	1	Stevens, Sabra	do 55 00	5
		Strom, Sigurd	do	\
	1	Tomlinson I S	.do	íl .
	l	Torrance, Mary	do	ič
	1	Towne, L. J	do 150 00	01
		Tuttle, G. P.	do	
	1	Tyrrell, Josephine	do	
	1	White Lida E	do	ก์
		Winchester, B. L.	do	01
		Wyninger, H. T	do	0
		Harnack, Carman	do	0
		Hart, Eliza	do	N N
		Tohnson T T	do 45 0	Ď.
	1	McMullin, Jane	do 40 0	ŏ
198	July 22	Johnson, J. J. MoMullin, Jane. P. J. Foley. John Sexton & Co. V. Mueller & Co.	Payment on contract	\$1,530 230 92
199	July 2	John Sexton & Co	Supplies	. 230
200	do	v. mueller & Co	.   Laboratory apparatus	- 92

lo.	Date.	To whom.	For what.	Amou
	1913.	Barnhart Bros. Alexander Lumber Co. Peek & Hills Furniture Co. Flanigan-Pearson Co. The Taylor Hardware Co. D. H. Lloyde. Bacon Brothers. John H. Doyle. The Burr Co. S. E. Huff & Co. J. W. Butler Paper Co. Lewis Electric Supply Co. The Tablet & Ticket Co. The Frederick Post Co. Mittendorf & Kiler. Chicago Fire Proof Storage Warehouse. A. Floyd Heck. F. W. Wascher A. F. Gustafson. H. W. Stewart. The Chester Horseshoeing Shop. 20th Century Press Clipping Bureau W. O. Wilson. Scudamore Bros. P. A. Meyer. Flora Lumber Co. Frison Carriage Shop. L. Hahn & Son. White Poultry Farm, Chas. Foster, Manager. Samuel Harris & Co.	Building materials	**
201	July 23	Barnhart Bros	Building materials	\$ 2
02 03	do	Alexander Lumber Co	do	48
203	do	Peck & Hills Furniture Co	Furniture, etc	\$ 2 48 35 39 15 5 9 2 18 3 13 17 7 18
04	do	Flanigan-Pearson Co	Office supplies	39
05	do	The Taylor Hardware Co	Office gupplies	15
06 07		Pagen Brothers	Denoire supplies	9
08	do	Iohn H Doyle	Supplies	9
09	do	The Burr Co.	Laboratory apparatus	1 รื่
10	do	S. E. Huff & Co.	General supplies.	l š
10 11	do	J. W. Butler Paper Co	Office supplies	13
12	do	Lewis Electric Supply Co	General supplies	1
13 14	do	The Tablet & Ticket Co	Supplies	7
14	do	The Frederick Post Co	General supplies	18
15	do	Mittendori & Kiler	Office supplies	4
16 17	do	Chicago Fire Proof Storage Warehouse	Storage	1 4
18		A. Floyd Heck	Office supplies. Storage. Traveling expenses. Field expensesdo. Traveling expenses. Field expenses Traveling expenses Traveling expenses Traveling expenses Muslin. Field expenses (lumber).	4 9 42
19	ao	A F Guetafean	do do	35
20	do	H W Stawart	Travaling avnances	35 32 13 2 11 1 1 3 2 31
21 22 23 24	do	The Chester Horseshoeing Shop	Field expenses	13
22	do	20th Century Press Clipping Bureau	Clippings	و ا
23	do	W. O. Wilson	Traveling expenses	11
24	do	Scudamore Bros	Field expenses	î
25 26	do	P. A. Meyer	Muslin	ī
26	do	Flora Lumber Co	Field expenses (lumber)	3
$^{27}$	do	Frison Carriage Shop	Window rods	2
28	do	L. Hahn & Son	Farm machinery	31
29	do	White Poultry Farm, Chas. Foster, Man-		
	a .	ager	Eggs, chickens	13 12 74 15 12 6 102 4 57
30		White Poultry Farm, Chas. Foster, Manager. Samuel Harris & Co. Williams Brothers. W. W. Walls & Co. James B. Clow & Sons. Weil Brothers. Twin City Roofing & Sheet Metal Works Alexander Nielson. J. Bishop & Co. Platinum Works. The R. D. Swisher Mfg. Co. Consumers Co. M. N. Alderman Sales Co.	Eggs, chickens General supplies Painting. Shingles Plumbing materials. do Building materials Laboratory supplies	12
$\frac{31}{32}$	do	W III Walla & Co	Chingles	1 12
ე <u>გ</u>	do	Tomog B. Clow & Song	Plumbing meterials	10
33 34	do	Wail Brothers	do	12
94 95	do	Twin City Roofing & Shoot Metal Works	Building materials	100
35 36	do	A lexander Nielson	Laboratory supplies	1 4
37	do	J. Bishop & Co. Platinum Works	-do	57
37 38	-da	The R. D. Swisher Mfg. Co	Office supplies	l ĭi
39	do	Consumers Co	General supplies	14
40	do	M. N. Alderman Sales Co	Laboratory apparatus	25
41	do	The Pratt & Cady Co	Supplies	57 1 14 25 3 7 28 27 101
42	do	Jenkins Bros	do	7
43	do	H. C. Gilkerson	Traveling expenses	28
44	ao	O. M. McGnee	Traveling expenses, etc	27
45	do	P. W. Wascher	rieid expenses	101
$\frac{46}{47}$		The Chicago Poeking House Market	Supplies	112
48	do	The Ideal Electric Co	Electric materials	210
40	do	Standard Oil Co	Oil	20
49 50 51	do	H. F. Chester	Horseshoeing	3
51	do	The John Lauson Mfg. Co	Farm machinery	82
52	do	Sheldon Brick Co	General supplies	8
53	do	George E. Amsbary Co	Feed	101 31 113 25 4 8 8 8
54	do	Bean Spray Pump Co	Repairs	
55	July 25	J. Bishop & Co. Platinum Works. The R. D. Swisher Mfg. Co. Consumers Co. M. N. Alderman Sales Co. M. N. Alderman Sales Co. The Pratt & Cady Co. Jenkins Bros. H. C. Gilkerson. O. M. McGhee F. W. Wascher R. W. Dickenson. The Chicago Packing House Market. The Ideal Electric Co. Standard Oil Co. H. F. Chester The John Lauson Mfg. Co. Sheldon Brick Co. George E. Amsbary Co. Bean Spray Pump Co. U. S. Department of Agriculture. U. of I. Supply Store. H. F. Chester (Chester Horse Shoeing Shop) G. E. Stechert & Co. Hunter, Rourke& Co. John H. Doyle D. H. Lloyde. W. J. Carmichael. V. Mueller & Co. American Steel & Wire Co. Peru Plow & Wheel Co. American Durco-Jersey Swine Breeders' Assn. Champaign Seed Co.	Laboratory supplies .do Office supplies General supplies Laboratory apparatus Supplies .do Traveling expenses .Traveling expenses, etc Frield expenses .do Supplies Electric materials Oil Horseshoeing Farm machinery General supplies Feed Repairs Index Paper, etc	2
56	do	U. of I. Supply Store	Paper, etc	2
57	do	H. F. Chester (Chester Horse Shoeing	TT-mark sains	1
<b>"</b> O	. a.	Shop)	Horseshoeing	2
58 59		Hunter Pourke & Co	Books Building materials Supplies Paper	6
60	uo	Tohn H Dovla	Sunnlies	2
61	do	D. H. Llovda	Paner	1
62	do	W. J. Carmichael	Expenses. Laboratory apparatus Fences. Farm machinery.	į
63	do	V. Mueller & Co	Laboratory apparatus	21 30 20 2 1 1 2 3 3
64	do	American Steel & Wire Co	Fences	3
65	do	Peru Plow & Wheel Co	Farm machinery	82
66	do	American Duroc-Jersey Swine Breeders'		1
		Assn	Recording	2
67	do	Champaign Seed Co	Feeding stuffs	2
80	do	American Duroc-Jersey Swine Breeders' Assn.  Assn. Champaign Seed Co. Champaign Seed Co. D. J. Dóbbins. Alexander Lumber Co. The Taylor Hardware Co. R. W. Braithwatte, V. S. U. & C. Ry., Gas & Electric Co. General Electric Co. Knowlton & Bennett. Peck & Hills Furniture Co.	Recording . Feeding stuffs . Seed . Feeding stuffs . Lumber . Building materials . Professional services .	1
269	do	D. J. Dobbins	Feeding stuffs	11
270 271	do	Alexander Lumber Co	Lumber	]
271	do	The Taylor Hardware Co	Building materials	10
272	do	R. W. Braithwaite, V. S.	Professional services	10
273	do	U. & U. Ky., Gas & Electric Co	T about our gune lies	16
274 275	do	When the Person	Gas. Laboratory supplies. General supplies.	1,4
	I ao	Prioniton & Bennett	Furniture	98
276				

٠	Date.	To whom.	For what.	Amoui
	1913.	Machinists Supply Co Central Scientific Co. J. D. White, Clerk of University Post- office Station Lewis Electric Supply Co Esinner Grocery Co Standard Oil Co. F. C. Hubbard University Club of Champaign & Urbana Chas. F. Witt. Eastern Moline Plow Co. G. E. Stechert & Co. A. L. A. Publishing Board Shelton Electric Co. Siegel, Cooper & Co. Twin City Roofing & Sheet Metal Works Leavitt Mig. Co. Western Stoneware Co. Vaughans Seed Store. Jas. F. Umpleby Swift & Co. Morris & Co. Morris & Co. Flanigan-Pearson Co. The Chas. A. Strelinger Co George Kurtz. S. C. James. L. C. Smith & Bros. Typewriter Co The New Era Printing Co. The New Era Printing Co. The Western Stoneware Store. Jas. F. Umpleby Store. American Steel & Wire Co. Mallory & Mitchell The People's Gas Light & Coke Co. Th. W. Galloway. O. E. Staples, Bursar Dulau & Co. Wm. H. Browne, Secretary. Standard Cap & Seal Co. Harris-Dillavou & Co W. F. Hardy. Rogers & Hall Co. Sengbusch Self-Closing Inkstand Co. Western Carbon & Ribbon Co. D. O. Barto. Frank Weeks. Chas. F. Witt. H. McFadden & Bros Standard Oil Co. E. T. Benjamin. The Creamery Package Mig. Co. The Ohlo & Western Lime Co. Emerson-Brantingham Implement Co. Fund Bros. Seed Co. Henry J. Green National Drain Tile Co. B. C. Ames Co. Weil Bros. Henry A. Dreer, Inc. J. T. Ryerson & Son Gulick Tailora France Fire Engine Co. Ideal Construction Co Amour & Co. Western Lumber Co.		
7	July 25	Machinists Supply Co	Laboratory supplies	\$ 25 24
8	do	Central Scientific Co	ao	24
9	ao	J. D. White, Clerk of University Post-	Postaga	480
n l	οħ	Lawis Electric Supply Co	General supplies	480
0	do	Eisner Grocery Co.	Feeding stuffs	1 11
2	do	Standard Oil Co	General supplies	5
3 4 5 6	do	F. C. Hubbard	Hay	5 30
4	do	University Club of Champaign & Urbana	Lunches	4
5	do	Chas. F. Witt	Harness	30
6	do	Eastern Moline Plow Co	Farm machinery	35
87	ao	G. E. Stechert & Co	BOOKS	1
88	ao	A. L. A. Publishing Board	Apparetus	2
9	do	Giogal Cooper & Co	Taboratory supplies	4 2
1	do	Twin City Roofing & Sheet Metal Works	do	6
2	do	Leavitt Mfg. Co.	-do	36
3	do	Western Stoneware Co	.do	4
94	do	Vaughans Seed Store	General supplies	6
95	do	Jas. F. Umpleby	Fencing	109
96	do	Swift & Co	General supplies	109 103
7	do	National Drain Tile Co	Drains, tile	110
98 99	do	Morris & Co	General supplies	72
99 )0		The Char A Strolinger Co	Toborotory supplies	52
)U )1		George Vurts	Have	1/2
)2	do	S C James	Supplies	11 147 2
)3	do	L. C. Smith & Bros. Typewriter Co.	Rentals	1
)4	do	The New Era Printing Co.	Printing	1
)5	do	The Bean Spray Pump Co	Plunger packings	8
06	do	The C., C., C. & St. L. Ry. Co	Freight	21
)7	do	The Wabash R. R. Co	do	2
)8	do	The U. of I. Supply Store	Supplies	43
9	do	American Steel & Wire Co	Fencing, freight	102
10	do	Mallory & Mitchell	Advertising	193
12	do	The People's Gas Light & Coke Co	Gas	1,6
LZ	qo	T. W. Galloway	Lecture	177
13	ao	O. E. Staples, Bursar	Pills poid in cash	173 208
14 15	T.: 1. 20	Dulan & Co	Book	200
16	do 20	Wm H Browne Secretory	Bills naid in cash	77
17	July 28	Standard Can & Seal Co.	Laboratory apparatus, rental	'è
18	do	Harris-Dillayon & Co	General Supplies	2
19	do	W. F. Hardy	Seed	255 24 27
20	do	Rogers & Hall Co	Printing	255
21 22	do	Sengbusch Self-Closing Inkstand Co	Office supplies	24
22	do	Western Carbon & Ribbon Co	do	27
23	do	D. O. Barto	Moning to all all all	100
24 25	do	Chan F Witt	Panaira eta	100
26	do	H McFeddon & Bros	Alfalfa cand	3
27	do	Standard Oil Co	Oil	1 2
27 28	do	E. T. Benjamin.	Horseshoeing, etc	34
29	do	The Creamery Package Mfg. Co	General supplies	34
29 30	do	The Ohio & Western Lime Co	do	-{
31	do	Emerson-Brantingham Implement Co	Farm machinery	37 10
32	do	Fund Bros. Seed Co	General supplies	10
33	do	Henry J. Green	Laboratory apparatus	01
34 35	ao	R C Amos Co	Loboratory opporates	211 144
96 96	uo	Wail Bros	Contra glaces	144
36 37	do	Henry A. Dreer: Inc	Nursery stock	37
38	do	J. T. Rverson & Son	Laboratory supplies	1 %
39	do	Gulick Tailoring Co.	Canvas bags	1 1
10	do	American LaFrance Fire Engine Co Ideal Construction Co	Apparatus.	. 2
11	do	Ideal Construction Co	Machinery repairs	190
12	do	Armour & Co	Laboratory supplies	190
13	do	Western Lumber Co	Building materials	65 30
14	do	American Cutlery Co	Spatulas	30
15	do	whiting Paper Co	Office supplies	28
16	ao	WIII. H. Browne	General supplies . do . do . Farm machinery. General supplies Laboratory apparatus. Drain tile. Laboratory apparatus. Gauge glasses. Nursery stock Laboratory supplies. Canvas bags. Apparatus Machinery repairs Laboratory supplies. Building materials. Spatulas. Office supplies Bills paid in cash Decorating. Office supplies, etc. Repairs	102
17 18	July 29	Twin City Printing Co.	Office supplies etc	140
18 19	do	Trison Carriage Shop	Renairs	14
50	do	I. W. Butler Paper Co	Office supplies	1 12
50 51	do	Ideal Construction Co. Armour & Co. Western Lumber Co. American Cutlery Co. Whiting Paper Co. Wm. H. Browne. Henry Rahn, Decorator Twin City Printing Co. Frison Carriage Shop. J. W. Butler Paper Co. Percival & Moorehead. The Chas. A. Hall Hardware Co. Flanigan-Pearson Co. The Alexander Lumber Co.	Office supplies. Office supplies. Supplies, materials. Fencing, supplies. Supplies. Lime, lumber.	] 17
52	do	The Chas. A. Hall Hardware Co.	Fencing, supplies	14 1 2
53	do	Flanigan-Pearson Co	Supplies	39
54	do	The Alexander Lumber Co.	Lime, lumber	. 39

#### ${\tt OPERATION,\ MAINTENANCE\ AND\ EQUIPMENT\ VOUCHERS--} {\it Continued.}$

No.	Date.	To whom.	For what.	Amou
	1913.	John H. Doyle D. H. Lloyde The Taylor Hardware Co. The Chester Transfer Co. The Creamery Package Mfg. Co. Morrison, Plummer & Co. Twin City Roofing & Sheet Metal Works F. M. Foltz American Wood Working Machinery Co. Ideal Electric Co. F. M. Giles, Principal C. A. Denman Satterlee & Binns Herbert W. Mumford W. H. Smith James H. Rhodes & Co. Scott Paper Co. Southern Illinois Penitentiary. A. H. Barber Creamery Supply Co.		
355	July 29	John H. Doyle	General supplies	\$ _3
356	do	D. H. Lloyde	Supplies	20
357	do	The Taylor Hardware Co	Building materials	
358	do	The Chester Transfer Co	Drayage	56
359	do	The Creamery Package Mfg. Co	Laboratory apparatus	30
360	do	Morrison, Plummer & Co	Chemicals	39
361	do	Twin City Roofing & Sheet Metal Works	Laboratory apparatus	60
362	do	F. M. Foltz	General supplies	] ]
363	do	American Wood Working Machinery Co.	Tools	9
364	do	Ideal Electric Co	Rentals	
365	do	F. M. Giles, Principal	Photographs	1
366	do	C. A. Denman	Painting	20
367	do	Satterlee & Binns	Reporting	32
368	do	Herbert W. Mumford	Traveling expenses	9
369	do	W. H. Smith	do	8
370	do	James H. Rhodes & Co	General supplies	1
371	do	Scott Paper Co	do	13
372	do	Southern Illinois Penitentiary	General supplies	2
373	do	A. H. Barber Creamery Supply Co	Parchment wrappers	20
374	do	The Electric Paint & Varnish Co	General supplies	8'
375	do	Spalding & Quirk	Laboratory apparatus	
376	do	Twin City Ice & Cold Storage Co	Lce	
377	do	Frison Brothers	window rods	
378	do	James H. Rhodes & Co. Scott Paper Co. Southern Illinois Penitentiary. A. H. Barber Creamery Supply Co. The Electric Paint & Varnish Co. Spalding & Quirk. Twin City Ice & Cold Storage Co. Frison Brothers. R. W. Dickenson. Contest butter furnished University of Ill-	Traveling expense	3
379	do	Contest butter furnished University of Ill-	D. 44	
000		mois Dairy, July 25, 1913	Butter	8
380	ใกเก็ม 30	inois Dairy, July 25, 1913 O. E. Staples, Bursar. O. E. Staples, Bursar. P. Adams. The Bulletin of Pharmacy. Pittsburgh Plate Glass Co. Central Union Telephone Co. John H. Doyle Bennett's Newspaper & Magazine Agency	Omce supplies	238
381	do	O. E. Staples, Bursar	Sundry bills paid	18
382	do	P. Adams	Hauling	3
383	ao	The Bulletin of Pharmacy	Advertising	
384	qo	Pittsburgh Plate Glass Co	Glass	4
385	ao	Central Union Telephone Co	Service	4
386	ao	John H. Doyle	Materials	
387	do	Bennett's Newspaper & Magazine Agency	Subscription	
388	do	Illinois State Reformatory	Envelopes	88
389	July 31	D. H. Lloyde	Office supplies	18
390	do	The U. of I. Supply Store	do	13
391	do	Cunningnam Brotners	General supplies	13
392	do	Alexander Lumber Co	Lumper	10
393	qo	Bacon Brothers	Supplies	
394	do	Central Union Telephone Co. John H. Doyle Bennett's Newspaper & Magazine Agency Ullinois State Reformatory. D. H. Lloyde The U. of I. Supply Store Cunningham Brothers Alexander Lumber Co. Baron Brothers Barnhart Bros. Western Electric Co.	Building materials	
395	ao	Western Electric Co	Electric materials	6
396	ao	James B. Clow & Sons	Plumbing materials	
397		The Marier Transferore Co	Complies	3
398		The Taylor Hardware Co	Diagones	19
399 400		Tian on Chassers Co	Camplian	10- 19
401		The Dean Co	Denoing	11
402	uo	G E Tuff & Co	Lumbon	2
402	do	Albert Diele & Co	Complian	
403 404		Chaster Transfer Co	Sponges	
404 405	uo	Rurroughe Adding Machine Co.	Donoire oto	
406	do	Champaign Sood Co	Good	
405 407	uo	D T Dobbing	Crinding	
408	do	Garman Kali Works Inc	Goe gunnling	10
409	do	Corn Products Refining Co	Maal	3
410	do	Bacon Brothers Barnhart Bros Western Electric Co James B. Clow & Sons. J. W. Butler Paper Co. The Taylor Hardware Co. Jno. B. Bennett. Eisner Grocery Co. The Burr Co. S. E. Huff & Co. Albert Pick & Co. Chester Transfer Co. Burroughs Adding Machine Co. Champaign Seed Co. D. T. Dobbins German Kali Works, Inc. Corn Products Refining Co. Champaign Ice Cream Co. Standard Oil Co. E. T. Benjamin. Electric Appliance Co. Chas. E. Mueller & Co. G. Cramer Dry Plate Co. A. C. McClurg & Co. D. M. Sims. General Electric Co.	Supplies	2
411	do	Standard Oil Co	Oil	2
412	do	E T Baniamin	Rangire	
413	do	Electric Appliance Co	Laboratory supplies	
414	40	Chas E Muellar & Co	Tea company supplies	30
415	do	G Cramer Dry Plate Co	Soda	3
416	do	A. C. McClurg &Co	Book	
417	do	D. M. Sims	Grading	20
418	do	General Electric Co	Fan motors	10
419	do	George E. Wright	Grading	9
420	do	R. L. Polk & Co	Book.	10
421	do	A. C. Medidig & Co D. M. Sims General Electric Co George E. Wright. R. L. Polk & Co The Fitch Dustdown Co	Supplies	24
422			Cartons	4
423	do	The Western Union Telegraph Co	Sarvica	4
424	đo	Eimer & Amend	Service Chemical apparatus	36
425	do	Eimer & Amend The Saffell Co	Sunnlies	30
426	do	H C Wheeler	Supplies	103
427	do	H. C. Wheeler F. W. Wascher Weil Brothers	Traveling expenses	106
428	do	Wail Brothers	do	49
429	do	Bradner Smith & Co	Conoral supplies	1
430	do	Bradner, Smith & Co. Williams Brothers.	General supplies Lamp black Repairs, etc. Laboratory apparatus.	8
431	do	Louis Ely & Co	Panoire ata	٤
101	do	Louis Ely & Co. The Cleveland Punch & Shear Works Co.	Taboratory apparetus	20
432				

Date.	To whom.	For what.	Amoun
1913.			
July 31	Buffalo Meter Co	Plumbing materials	\$ 3 <b>Y</b>
do	E. E. Lowie	Loctura	10
do	J. D. White, Clerk of Postal Station	Postage.	230
A110 1	J. D. White, Clerk of Postal Station Central Union Telephone Co. Alexander Lumber Co. Central Electric Co.	Service	20
do.	Alexander Lumber Co	Lumber	98
do	Central Electric Co	Electrical materials	60
40	The Burr Co	Machinery marks	71
do	Central Electric Co. The Burr Co. The Taylor Hardware Co. Postal Telegraph-Cable Co. H. Mueller Mfg. Co. Spencer Lens Co. H. L. Gannett. Frank L. Brown	Building metariols	9
	Postal Talagraph Cable Co	Corried	1 9
qo	T Marellen Mr. Co	Dlambing	1
do	Change I and Co	Tabanatan and and and and and and and and and a	17
ao	Spencer Lens Co	Laboratory apparatus	37
ao	H. L. Gannett	Inspection	. 62
	C. H. Brownell		. 60
do	Fuller & Fuller Co	Supplies	. 12
do	Bryan-Marsh Electric Works	. do	. 35
do	Bryan-Marsh Electric Works The Field & Shorb Co	General supplies	.  8
do	Standard Oil Co	. Oil	. 6
do		Machinery	. 52
do		Paint supplies	. 5
do		Laboratory supplies	. 39
do		Conduit pipe.	1 2
do	General Electric Co	Fan, etc	. 12
	Central Union Telephone Co	Telephone rental	156
do	Hunter, Rourke & Co.	Lumber	. 170
do	The National Engineer	Advertising	. 174
do	Sanford Mfg. Co.	Office supplies.	. 52
Aug.	Dorr roll	Onice supplies	16,664
Aug.	Anderson T C	Salary, July, 1913. \$ 70 0	. 10,004
	Andrews T D	do 50 0	Š.
	Bodger C T		UI .
	Badger, C. J.	. do	
	Beaumont, G. S	. do	ol .
1	Burwash, A. E.	do	
	Campbell, C. A	. do	
1	Carlson, M. R	. do	
	Carmichael, W. J	_ do 75 0	
	Cate, H. A		0
	Chapman, C. C.	: do 100 0	0
1	Crouch, H. E.	do	
	DeWerff, H. A.	do 55 0	
	Engle, W. J	do	ŏl
	Ellis O E	do	
İ	Februkonf H F T	do	
	Fullenwider T	do	
1	Coult F W	do	Ď.
1	Contla C F		
1	Genue, C. E.		
1	Girkerson, H. C.	. do	ŭ
1	Grantnam, G. M	do 50 0	.U
ı	Harry, W. L.	do	3
	Heck, A. F.	do	
	Hinkley, G. M.	do	
1	ноптап, R. W	do	
1.	Jones, Garfield	do	
	Lankford, John	do	
	Hunter, Rourke & Co. The National Engineer Sanford Mfg. Co. Pay roll. Anderson, J. C. Andrews, J. B Badger, C. J. Beaumont, G. S Burwash, A. E. Campbell, C. A. Carlson, M. R. Carmichael, W. J. Cate, H. A. Chapman, C. C. Crouch, H. E. DeWerff, H. A. Engle, W. J. Ellis, O. E. Fahrnkopf, H. F. T. Fullenwider, T. Gault, F. W. Gentle, C. E. Gilkerson, H. C. Grantham, G. M. Harry, W. L. Heek, A. F. Hinkley, G. M. Hoffman, R. W. Jones, Garfield Lankford, John Lanham, E. T. Lawson, H. C. McGeel, O. M. Nogle, George Palfrey, John R. Partridge, N. L. Pine, Fred. Radebaugh, G. A. Reed, Alice Rigg, C. L. Romine, J. F. Sayre, C. B. Schwartz, Otto. Seroggins, D. L. Sims, Flora M. Smith, J. F. Sayre, C. B. Schwartz, Otto. Seroggins, D. L. Sims, Flora M. Smith, J. F. Smith, J. F. Smith, J. F. Smith, J. F. Sitvenson, D. H. Stocker, Cornelius Thomas, Melvin Trorgerson, E. F. Walters, Philip Argo, Roy	do 100 0	
	Lawson, H. C	do	
]	McGeel, O. M	do	0
1	Nogle, George	do 70 0	0
1	Palfrey, John R.	do 75 0	0
	Partridge, N. L.	do	0
1	Pine, Fred	. do 75 0	0
1	Radebaugh, G. A	do	
1	Read Alica	do	
ı	Rigg C L	do	iň
1	Domino I E	. do	in l
ł	Course C D	. do	ň
	Sayre, C. D.	do	
	Schwartz, Otto		
1	ocroggms, D. L.	. do	
1	pims, Fiora M	do	
I	pmim, F. A. C.	. do 125 0	
1	Smith, J. F	. do	U
	Smith, R. S	do	U
	Snider, H. J	. do	U
	Stevenson, D. H	do	
	Stocker, Cornelius	do	3
	Thomas, Melvin	do 65 0	0
	Torgerson, E. F.	do 50 0	
ı	Walters, Philip	do	0
			ō

10.	Date.	To whom.	For what.	Åmour
	1913.			
460	Aug. 4	Arrington, C. E. Atwell, M. W. Balley, J. E. Barnes, V. R. Barto, Lucy M. Berbaum, E. R. Bevis, A. Brannigan, John Brown, Basil. Brown, Harry	Wages, July, 1913 \$ 65 10	
td.	_	Atwell, M. W	do	
		Bailey, J. E	do 58 80	ł
		Barnes, V. R	do	1
		Barto, Lucy M	do	1
		Berbaum, E. R	do	
		Brannigan John	do	
		Brown Basil	do	
		Brown, Basil Brown, Harry Bullock, D. M Ceduskey, John Chaplin, Ralph Conley, M. J Cook, Jesse Crathorne, F. Crawford, T. P. Cunningham, F. Custer, Emma L Davis, Jos.	do	
		Bullock, D. M.	do	:
		Ceduskey, John	do	
	i	Chaplin, Ralph	do 60 00	
	,	Conley, M. J	do 75 00	)
		Cook, Jesse	do 55 00	)
		Crathorne, F	do	
		Crawford, T. P	do	)
		Cunningnam, F	do	
		Custer, Emma L	do	'
		Dibble F D	do 98 09	
		Downing, H	do	3
		Dononue, L Downing, H Fay, T, J Fender, Fred Fender, Louie Fiscus, J, J Fogarty, F Fogarty, W Freeman, C, Y Gage, Marjorie H Graybeal, W H Halliday, Mabel Hamlin, Sell Hanson, Samuel Hargen, E Harolle, Claude Henderson, T. O Hill, Charles Hixon, W G Hough, William Hutton, Ross Irvine, Jas. Irvine, Jas. Irankins Elmer	.do	1
		Fender, Fred	do	
		Fender, Louie.	do	3
		Fiscus, J. J.	do 63 48	3
		Fogarty, F	do 54 00	)
		Fogarty, W	do	)
		Fox, Guy	do 71 66	5
		Freeman, C. Y	do	
		Gage, Marjorie H	do	2
		Graybeal, W. H	do65 10	2]
		Halliday, Mabel	do	!
		Hamin, Sell	do	{}
		Hanson, Samuel	do	<u> </u>
		Harolla Clauda	do	
		Handerson T O	.do	<b>S</b> ]
		Hill Charles	.do 99 68	í
		Hixon, W. G.	do	
		Hough, William	do 83 33	3   '
	_	Hutton, Ross	do	3
		Irvine, Frank	do 77 00	)
		Irvine, Jas Jenkins, Elmer Jones, Margaret Jones, Sadie	do	
		Jenkins, Elmer	do	{
		Jones, Margaret	do	
		Justing F W	do	3
		Justus, E. W Kelley, J. R. Lahr, L. D. Langhoff, A.	do	<b>S</b>
		Lahr. L. D	do	ń
		Langhoff, A	do	í l
		Langhoff, Fred	do	
		Lewis, E. C	do 76 0	2
		Litton, A. C	do	
		Long, Thomas	do	L
		Langhoff, A Langhoff, Fred Lawis, E. C. Litton, A. C. Long, Thomas McAllister, A. J. McClughen, Frances McCulough, James McIntire, W. A. McIntosh, Winifred Magnuson, A. O Mahorney, H. H Meenach, Earl Meenach, O. E Meenach, O. E Menely, Dan	do	3
		McClughen, Frances	do	
		McCulough, James	do63 1	
		McIntire, W. A	do	3
		Meanuson A O	do	
		Mahornay H H	do	<b>(</b>
		Meanach Earl	do	
		Meenach, O. E.	do	7
		Meenach, O. E.	do	ol .
		Meneely, Dan	do 68 77 do 10 00 do 65 55	5
•		Meyers, Jesse	do	4
		Miller, C. M	do	3
		Monedly, Dan. Moyers, Jesse Miller, C. M. Millar, Mary.	do	
		Moran, A	do	2
		Moran, A Morgan, J. E Morgan, Rebecca	do	2
		Morgan, Rebecca		<u>!</u>
		Murphey, Kuthe	do	1
		Nowton T D	do	3
	l	Morgan, Reflecca Murphey, Ruthe Nagle, Sybil Newton, J. R Nikolaus, Jacob Perry, F. M Pritchard, R	do	il .
	l	Parry F M	do	
	1	Dritchard D	.do	il .

No.	Date.	To whom.	For what.	Amour
	1913.	;		
460		Pritchard, H Pulling, Elizabeth Purkins, J. F Quinn, William Rhoads, Hazel	Wages, July, 1913 \$ 65 00	1
Ctd.	_	Pulling, Elizabeth	do	I
	1	Purkins, J. F	do	
	(	Quinn, William Rhoads, Hazel Richards, Ed Ryan, Mary E Servis, A Sinclair, C. R Smith, W. J Snyder, J Sprinkle, D. C Stateler F	do	
		Riologis, Hazel	do	
		Ruchards, Ed	do	1
		Servis A	do	
		Sinclair, C. R.	.do	
		Smith, W. J.	do	
	1	Snyder, J.	do	
	ļ	Sprinkle, D. C	do 50 00	
		Sprinkle, D. C. Stateler, F. Stoneburner, A. J. Stricklan, Freda O. Swearingen, Ralph. Templin, William. Tillotson, I. F. Toy, George. Turner, George.	do 73 48	
	1	Stoneburner, A. J.	do 50 00	
٠,	1	Stricklan, Freda O	do65_00	
	l	Swearingen, Raiph	do	
		Tillotson I F	do	
		Tov George	do	
		Turner George	.do	İ
		Warmbier, August	do	
		Wilde, William	do	
		Wilson, Frank	do 40 60	
		Wharmby, Ed	do 69 23	
		Wheeler, H. H.	do	
- 5		Turner, George Warmbier, August Wilde, William Wilson, Frank Wharmby, Ed Wheeler, H. H White, Loretto	do	
		Atkinson, O. G Booher, M. C Booker, A. J Boswell, James	do	Į.
		Booker A T	do	
		Boswell Tames	-do	
		Boyer G W	.do	
		Boyer, G. W. Brown, C. F. Brown, E. J. Buckels, Mildred E.	.do	
- 1		Brown, E. J.	do	
1		Buckels, Mildred E	do	
		Campbell, Mathew	do 54 00	
-		Campbell, Mathew Carothers, Cevilla Carson, Rolla S	do	
- 1		Carson, Rolla S	do	
		Colling A T	do	
- 1		Colo H W	do	
-		Cover Hevel	-do	
		Carson, Rolla S Coffey, J. H Collins, A. L Cole, H. W. Cover, Hazel Crackel, Anna B Crawford, R. W Cunningham, Perley Cunningham, Perley Cunningham, Perley	do	ł
		Crawford, R. W	do	
		Cunningham, Perley	do	
		Cunningham, Roy Curry, Florence J. David, Simon Deckert, William. Duhamel, J. W Dunseth, C. A Durman, Ben.	do	
		Curry, Florence J	do	
		David, Simon	do	
		Dubamal T W	do	
9		Dungoth C A	do	
		Durman Ben	do	
		Eaton, Ralph	do	
		Ellis, É. R	do	
		Engle, Lawrence	do	
- 1		English, B. F	do 60 72	
- 1		Ensor, Russell	do	
- 1		Fetchrup, Herman	do 52 00	
1		Figure T.C.	do	
- 1		Franklin F W	do	
		Friggall I. F	do	
- 1		Gallaher, Marion B.	do	
- 1		George, Elia	do	
- 1		Glenn, V. S	do 53 20	
- 1		Griffin, G. C.	do 62 00	
- 1		Gunlock, Chas	do	
- 1		Hawkins, Clyde	do	
		Heatn, William	do	
- 1		Hemz, L. T	do	
- 1		Higgins Horry	do	
- 1		Hooker Fred	do	
		Hoover F F	do	
- 1	-	Hoselton, Nancy	do	
- 1		Hunter, J. W.	do	
- 1		Dunseth, C. A Durman, Ben Eaton, Ralph Ellis, E. R Engle, Lawrence English, B. F Ensor, Russell Fetchrup, Herman Feldkamp, Amelia Fiscus, J. C Franklin, F. T Frizzell, L. F Gallaher, Marion B George, Ellia Glenn, V. S Griffin, G. C Grunlock, Chas Hawkins, Clyde Heath, William Heinz, L. T Hensel, Etta Higgins, Harry Hooker, Fred Hoover, F. F Hoselton, Nancy Hunter, J. W Jay, Edith Johnson, A. L Johnson, A. L Johnson, C. C Kleim, Gordon	do	,
		Johnson, A. L.	do	
		Johnson, C. C	do	
		Kleim, Gordon	do 50 00	

# ${\tt OPERATION,\; MAINTENANCE\; AND\; EQUIPMENT\; VOUCHERS-Continued.}$

No.	Date.	To whom.	For what.	Amou
	1913.			
460	Aug. 4	Kleim, J. A. J. Langhoff, William Lanham, Roy B	Wages, July, 1913 \$ 72 03	3
Ctd.	_	Langhoff, William	do	3
	ĺ	Lanham, Roy B	do 15 00	)
		Leornard, Russell	100	5
		Long, J. É	do 67 20	)
	)	Manley, Verna	do	
		Markham, Kenneth	do	
		May, U. G.	do	
		Mink, George		
	l	Mink, J. D.	do	
		Moore D F	.do	
		Moore, R. E	-do 46 00	
		Moore, C. P. Mount, Harold. Nelson, C. Q.	1	
	[	Mount, Harold	do	
	}	Nelson, C. Q	do 54 20	
	l	Nesbit, Lawrence	do 50 00	
	Į.	Peterson, Nick	do 50 00	
		Redman, Louise E	do 50 00	) i
	1	Reed, B. J.	do	ol .
		Reynolds Elizabeth	do	
	ł	Riggs Rose	do	
		Sandwell Martin	.do	
	l	Savar Clint	.do	
	1	Sabulta Frad	.do	
	1	Shoffen Curt	do	
	1	Conjth Transport	uo 50 00	
	I	Summi, Harry S	do	
	}	Snook, Orvai	do64_0	
	1	Snyder, T. B	do	
	ł	Sowers, A. L	do	
		Sparks, Marion	do	
	ł	Speedié, A. C	do	0
	1	Stearns, L. M	do	ol:
	l	Surbaugh, C. A	do	
		Thomson H I.	do	
	ì	Turner Chester	do	ăl .
	l	Wandarhealt II I	do	
		Vanderbeck, H. J.	1.00	
	}	vandeventer, J. H	do	
		Varner, Elmer	do	
		Wilson, Wesley	do	
	1	Wright, Amos	do 68 0	
	į.	Wright, G. E	ldo 125 0	
		Allen, E. V	do 1 9	0
	1	Anderson, Isabella	do	0
		Boettiger, L. A	ldo	5
	Í	Bowen, Evalena	do	
	ł	Broadhurst, E. Maurey	do	
	l	Brown Rea	do 25 2	
	j	Brown Wowns	do	
	1	Downt Double	70.0	
•	į.	Compose More	do	
	ļ	Carney, Mary	. do	
	ł	Craig, E. E.	do	
	1	Panierson, K. R.	. do	5[
	1	Dolsey, E. A.	do	
	l	Earhart, C. M	. do	
	1	Engle, Ralph	do	0
	j	Fellows, J. D.	do	
	1	Furakawa, S.	do	
	j	Gibson, Mabel	1do 6 2	
		Gibson, Mahel	do	
		Glover R C	do 75 0	
	Į.	Hakanson Eric	do	
	ł	Holliday Duth	do 11 1	
		III and E C		
	1	Tigging May D	do	2
	1	Trigles Comme	.do 68 2	
	İ	miskey, George	. do	
	1	Hunnard, Eleanor	.do	
		Kazer, J. J.	do	
	1	Кенеу, К. L	. do 100 0	
	1	Kercher, Otis	do	0[
		Kirk, Elizabeth	do	nΙ
	1	Lee, Carrie	do	5
	1	McKaskill, K. A	do	31
	ļ	McVav. T. N	do	5
	1	Mason, A. H	do	ňĺ
	1	Meyer G. W	do	ň
	1	Mitchell Green	.do	
	1	Mitaball Evo	22 0	
	1	Myong Doobel	do	
	}	Moore, R. E  Moore, C. P  Mount, Harold Nelson, C. Q. Nesbit, Lawrence Peterson, Nick Redman, Louise E Reed, B. J  Reynolds, Elizabeth Riggs, Bess Sandwell, Martin Sayer, Clint Schultz, Fred Shaffer, Guy Smith, Harry S Snook, Orval Snyder, T. B Sowers, A. L Sparks, Marion Speedie, A. C Stearns, L. M Surbaugh, C. A Thomson, H. L Turner, Chester Vanderbeek, H. J Vanderwenter, J. H Varner, Elmer Wilson, Wesley Wright, Amos Wright, G. E Allen, E. V Anderson, Isabella Boettiger, L. A Bowen, Evalena Brown, Wayne Burt, Ruth Carney, Mary Craig, E. E Danielson, R. R Doisey, E. A Berhart, C. M Engle, Ralph Fellows, J. D Furakawa, S Gibson, Mabel Glover, R. C Hakanson, Eric Halliday, Ruth Hare, F. C Higgins, Max B Hiskey, George Hubbard, Eleanor Kazer, J. J Kelley, R. L Kencher, Otis. Kirk, Elizabeth Lee, Carrie McKaskill, K. A Meyay, T. N Mason, A. H Meyer, G. W Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Myers, Rachel Nelson, C. R Osborne, Pauline	do 10 0	
	l	INCISOII, U. K	do 58 2	U
			do	ni -

To.	Date.	To whom.	For what.	Amou
	1913.	Peyrant, A. L. Prickett, A. L. Prickett, A. L. Proesel, W. J. Rand, C. C. Ritchey, R. W. Roberts, Nellie. Skemp, S. C. Smith, M. J. Snapp, R. R. Wagner, R. R. Warinner, C. W. Wheeler, R. C. White, S. S. Wilford, E. J. Wilkins, Stanley. Earhart, C. M. Meyer, G. W. Peyrand, A. Fryrand, A. Fryrand, A. Fryrand, A. Fryrand, A. Fryrand, A. Fryrand, A. Fryrand, A. Fryrand, A. S. Clark. The Chicago Real Estate Board. Nancy A. Hoselton. John W. Lloyd. Carroll Badger. S. V. Holt. B. S. Pickett. J. J. Gardner. J. W. Lloyd. F. A. Fisher. D. H. Lloyde. Barnhart Bros. Ullinois State Reformatory. Alexander Lumber Co. John H. Doyle. Frank Morgan Louis Ely & Co. Robert Essex Incubator Co. John V. Farwell & Co. O. M. McGhee. R. W. Dickenson F. W. Wascher F. A. Fisher. Hunter, Rourke & Co. Weil Brothers. Cunningham Brothers Geo. B. Carpenter & Co. Norton Co. Ernst Leitz. Cushman & Denison Mfg. Co. Henry Rahn. Peck & Hills Furniture Co. J. B. Lyon Co. Central Scientific Co.		
460	Aug. 4	Peyrant, A	Wages, July, 1913 \$11 10	
ld.		Prickett, A. T.	do	
	l	Proesel, W. J.	do	
	1	Rand, C. C.	do	1
	1	Ritchev. R. W	do	
	1	Roberts, Nellie	do	1
	i	Skemp, S. C.	do	
	[	Smith M I	do 12 12	i
	1	Snann R R	do 50 00	
		Wagner, R. R.	do	
	1	Warinner C W	do 62 50	
	1	Wheeler R C	do 10 35	
		White S S	do 47 75	
	ĺ	Wilford E I	do 50 00	
	i	Wilking Stonley	do 40 00	
	1	Forbort C M	do 10 50	
	ŀ	Morroy C W	do 95 90	
	1	Downey d. A	do 97 00	
161	do	Food Deckelmann	Ermangag	a 17
162	do	D T Ecles	Payment on contract	\$ 17
163	do	T T Donkon	Button	1,530
164	do	U. D. Falker	Colory	195
165	do	The Perks Orchestre	Orchostro	125 10
166	uo	A C Clork	Pools	10
167	uo	A. O. Clark	Voluntian contificate	65
68	,.uo	The Chicago Real Estate Board	v aruation certificate	05
69	uo	Namey A. Hoselton	Travening expenses	3
170		John W. Lloya	do	5
171	do	Carron Badger	731-1-1	0.45
71	do	S. V. Holt	Field expense	247
72 73	ao	B. S. Pickett	Traveling expenses	21
173	ao	J. J. Gardner	Traveling expenses	247 247 21 17 39
74	do	J. W. Lloyd	do	39
75	do	F. A. Fisher	do	34
76	Aug. 7	D. H. Lloyde	Office supplies	34 6 1 2
76 77 78	do	Barnhart Bros	Farm machinery	1
78	do	Illinois State Reformatory	Advertisements	2
79	do	Alexander Lumber Co	Building material	1
80	do	John H. Doyle	General supplies	ī
81	do	Frank Morgan	Field expenses	80
82	do	Louis Ely & Co	Farm machine repairs	80 4
83	do	Robert Essex Incubator Co	Incubator and heater	19
84	do	John V. Farwell & Co	Supplies	36 26 48
85	do	O. M. McGhee	Traveling expenses	26
86	do	R. W. Dickenson	Field expenses	48
87	do	F. W. Wascher	do	48
88	do	F. A. Fisher	do	31
89	do	Hunter, Rourke & Co	Lime	1
90	do	Weil Brothers	Apparatus repairs	10
91	do	Cunningham Brothers	Enamel	3 43
92	do	Geo. B. Carpenter & Co	Awnings	43
93	do	Norton Co	Laboratory supplies	1
94	do	Ernst Leitz	Laboratory apparatus	143
95	do	Cushman & Denison Mfg. Co	Office supplies	9
96	do	Henry Rahn	Building repairs	1 143 9 50
97	do	Henry Rahin. Peck & Hills Furniture Co. J. B. Lyon Co.  Central Scientific Co. Builders Iron Foundry. Central Electric Co. Eisnef Grocery Co. Field & Shorb Co. Library Burean. Standard Oil Co. W. R. Bradley. J. T. Baker Chemical Co. Lewis Electric Supply Co. Alumni Assn. Urbana & Champaign Ry. Gas & Electric Co. J. W. Butler Paper Co.	Table	3
98	do	J. B. Lyon Co	United States Official Postal	
.		•	Guide	3
99 00	do	Central Scientific Co	Laboratory apparatus	7 270
00	do	Builders Iron Foundry	do	270
01	dol	Central Electric Co	Electric supplies	45
02	do	Eisner Grocery Co	Ivory soap.	45 19
03	do	Field & Shorb Co	Steam supplies	87
04	do	Library Bureau	Office supplies	24
05	do	Standard Oil Co	General supplies	11
06	do		Lectures.	11 200
07	do	W. R. Bradley	Entertainment	36
08	do	J. T. Baker Chemical Co	Laboratory supplies	765
09	do	Lewis Electric Supply Co	Building materials	3
10	do	Alumni Assn	Advertising	3 6
ĩi	do.	Urbana & Champaign Rv. Gas & Electric		٠,
		Co	Gas and eletrical supplies	100
12	do.	I. W. Butler Paper Co.	Office supplies	58
13	30	Mallory & Mitchell	Advertising	110
14	do	Twin City Roofing & Sheet Metal Works	Ruilding materials	24
15	do	Ideal Electric Co	Steem sunnlies	22
16	do	Co.  J. W. Butler Paper Co.  Mallory & Mitchell  Twin City Roofing & Sheet Metal Works Ideal Electric Co.  E. H. Sargent & Co.  Reliable Plumbing & Heating Co.	Laboratory supplies	537
	uv	L. H. Sargont & Co	Materials	6

0.	Date.	To whom.	For what.	Amou
	1913.			
18	Aug. 7	U. of I. Supply Store	Office equipment	\$ 23
19	do	U. of I. Supply Store The Burr Co	Office equipment. Laboratory supplies. Repairs Laboratory apparatus. Contracts Field expenses Traveling expenses. Services Traveling expenses Field expenses Traveling expenses Field expenses Traveling expenses Traveling expenses. Araveling expenses Field expenses Field expenses	10
20	do	Bacon Brothers General Electric Co. Frank Hawley, Contractor.	Repairs	9
21	do	General Electric Co	Laboratory apparatus	4
22	do	Frank Hawley, Contractor	Contracts	2,720
23	do	F. W. Gault. Howard J. Snider	Field expenses	119
24	do	Howard J. Snider	Traveling expenses	17
25	do	<u></u>	Services	28
26	do	F. W. Garrett	Traveling expenses	49
27	do	Harrison Fahrnkopf	Field expenses	78
28	do	Harry C. Gilkerson	Traveling expenses	42
29	ao	S. V. Holt.	Field expenses	72
30	do	George M. Hinkley	Traveling expenses	25
31	ao	Alfred J. Gunderson	. do	
32	do	O. S. Watkins	(do	31
33		H. C. Wneeler	Field expenses	52
34		George M. Hinkley		53
35		Chas. A. Haii Hardware Co	Castors	1
36		Lisner Grocery Co	General supplies	
37	Aug. 8	George W. Matneny	Field expenses	31
38 39	uo	T W Dow	do	43
40	do	Tower Mfg & Novelty Co	Office supplies	42
41	do	F. W. Gault Howard J. Snider.  F. W. Garrett Harrison Fahrnkopf. Harry C. Gilkerson. S. V. Holt. George M. Hinkley. Alfred J. Gunderson. O. S. Watkins. H. C. Wheeler. George M. Hinkley. Chas. A. Hall Hardware Co. Eisner Grocery Co. George W. Matheny. Henry Pfau. J. W. Dow. Tower Mfg. & Novelty Co. Barnhart Brothers. American Steel & Wire Co. Eastern Moline Plow Co. Marblehead Lime Co. C. B. Moore Lumber Co. George Wheeler. Southern Illinois Penitentiary. Swift & Co. Morrill & Morley Mfg. Co. J. C. Gabel & Co. H. P. Stinespring. Twin City Creamery Co. Bryan-Marsh Electric Works. Creamery Package Mfg. Co. Dryer & Burt. H. McFadden Bros. Louis Ely & Co. Fuller & Fuller Co. Hawblin Plumbing Co. Heath & Milligan Mfg. Co. Orrett & Cady Co. Commonwealth Edison Co. Robert Slade. Ideal Electric Co. T. F. McGraw A. H. Barber Creamery Supply Co.	Building meterials	2
42	do	A marican Steel & Wire Co	Fancing materials	. 86
43	do	Eastern Molina Plour Co	Form machinery	98
44	do	Marhlehead Lime Co	General supplies	6
45	do	C. B. Moore Lamber Co.	Fencing	48
46	do	George Wheeler	Hav	59
47	do	Southern Illinois Penitentiary	General supplies	44
48	do	Swift & Co.	do.	39
49	do	Morrill & Morley Mfg. Co	Apparatus repairs	, 1
50	do	J. C. Gabel & Co.	General supplies	' 4
51	do	H. P. Stinespring	Oil meal	565
52	do	Twin City Creamery Co	General supplies	42
53	do	Bryan-Marsh Electric Works	do	31
54	do	Creamery Package Mfg. Co.	Laboratory supplies	e
55	do	Dryer & Burt	Feed.	226
56	do	H. McFadden Bros	Oil meal	17
57	do	Louis Ely & Co	Machinery repairs	. 2
58	do	Fuller & Fuller Co	General supplies	3
59	do	Hawblin Plumbing Co	Plumbing repairs	12
60	do	Heath & Milligan Mfg. Co	General supplies	7
61	do	Chicago Towel Co	Laundry	24
62	do	Pratt & Cady Co	Engine repairs	8
63	do	Commonwealth Edison Co	Electrical power	
64	do	Robert Slade	Wells	25
65	do	Ideal Electric Co	Electric materials	.1
66	do	T. F. McGraw	Coal	18
67	ao	A. H. Barber Creamery Supply Co	Drawing and zinc etching of design	
00		G1 Gt G	for butter wrappers	4
68		Crosby Steam Gage & Vaive	Laboratory apparatus	761
69	o	O. C. DUISE	Traveling expenses	14
70	op	U. S. Watkins		26
$\begin{array}{c c}71\\72\end{array}$	uo	M P Corlson	do	10
73	uo	H A Coto	do	24 5
74	uo	R F Powell	do.	15
75	uo	Toylor Hardware Co	Ruilding motoriols	12
76	do	Illinois Stata Raformatory	Stationary	55
77	do	A C McClure & Co	Office supplies	14
78	do	William Anton Sr	Field expenses	75
79	do	C E Duret	do	76
80	do	O S Watking	do	. 8
81	do	Alfred J. Gunderson	do	18
82	do	C. C. C. & St. L. R. P. Co	Freight and express	5
83	do	D. H. Lloyde	General supplies	é
84	do.	Knowlton & Bennett	do do	4
85	do.	Ideal Electric Co. T. F. McGraw. A. H. Barber Creamery Supply Co. Crosby Steam Gage & Valve. C. E. Durst. O. S. Watkins. H. C. Lewson. M. R. Carlson. H. A. Cate. B. E. Powell Taylor Hardware Co. Illinois State Reformatory. A. C. McClurg & Co. William Anton, Sr. C. E. Durst. O. S. Watkins. Alfred J. Gunderson. C., C., C. & St. L. R. R. Co. D. H. Lloyde. Knowlton & Bennett. Burr Co.	Apparatus repairs	4
86	.do	John H. Doyle	General supplies.	3
87	do	Urbana & Champaign Ry., Gas & Elec-	o onotal puppinos	
- 1		tric Co	Gas and alactrical supplies	114
88	do	Eisner Grocery Co. F. K. Robeson	Ivory soap	2
89	do	F. K. Robeson	General supplies	3
90	do	Cyril G. Hopkins	Traveling expenses	11
91	Aug. 9	W. B. Dav. Actuary.	Sundry bills paid	98
92	do	Cyril G. Hopkins W. B. Day, Actuary The Letter Shop	Stenographic work	2
		R. J. Lyons. Burroughs Adding Machine Co	Labor	33
93	• • • • • • • • • • • • • • • • • • •			

	Date.	To whom.	For what.	Amou
	1913.			
١.	Aug 9	Mallory & Mitchell A. L. Moats. George W. Matheny J. W. Smith. C. W. Crabtree Alfred Bergren J. E. Whitchurch Harrison Fahrnkopf. Charles A. Campbell Charles A. Campbell J. E. Whitchurch O. S. Fisher A. Floyd Heek	Advertising	\$ 11
1	do	A. L. Moats	Field expenses	30
-	do	George W. Matheny	do	10
١	do	J. W. Smith	do	5
1	do	C. W. Crabtree	do	40
1	do	Alfred Bergren	do.,	65
1	do	J. E. Whitchurch	do	16
١	do	Harrison Fahrnkopi	do	4.
1	do	Charles A. Campbell	do	4
1	do	Charles A. Campbell	Traveling expenses	4
5	do	J. E. Whitchurch	do	2
	do	O. S. Fisher	do	5
	do	A. Floyd Heck	do	2
- 1	do	Payroll, (Civil Service)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110
1		Baker, Clarence	Wages, July, 1913 \$27 40	
1		Golden, Stanley	do 14 00	
-		McNutt, D. I	do 30 40	
-		Pollitt, Russell	do 18 40	
ı		Wilkins, Ralph	do 26 00	
Н	Aug. 12	Marshall Field & Co., retail	Fixtures	10
1	do	O. S. Fisher. A. Floyd Heek Payroll, (Civil Service). Baker, Clarence. Golden, Stanley. McNutt, D. I Pollitt, Russell Wilkins, Ralph Marshall Field & Co., retail Dearborn Chemical Co Roger S. Morris. E. H. Sargent & Co.	Laboratory supplies	(
	do	Roger S. Morris	Traveling expenses	4
	do	E. H. Sargent & Co	Laboratory supplies	]
	do	Ernst Hertzberg & Sons	Books	10
	do	University Press	Publications	10 18
	do	Dearborn Chemical Co. Roger S. Morris. E. H. Sargent & Co. Ernst Hertzberg & Sons. University Press. The Tablet & Ticket Co. Miller Harness Co.	Publications. Office supplies. Pole strap. Corn.	l -
	do	Miller Harness Co	Pole strap	
	do	John Reichard	Corn	138
	Aug. 13	Decatur Bridge Co	Steel	1,02
	do	Frank Price Contractor	Painting	379
	do	John Reichard Decatur Bridge Co. Frank Price, Contractor United States Geological Survey. O. E. Staples, Bursar Wells-Abbott-Nieman Co. Bacon Brothers	Steel	"
	do	O E Staples Bursar	Students pay roll	59
-	do	Wells A bhott-Nieman Co	Food	386
- 1	Δ110 14	Recon Brothers	Building materials	00
-	do 14	Bacon Brothers	Floatria cumpling	7
-	do	Chas. Hall Hardware Co.	Oil cong	•
-	uo	Tomas R Claw & Sons	Building ropoire	
	uo	James B. Clow & Sons. Chicago Telephone Co Goodhart Laundry F. G. Hartwell Co.	Corrigos	13
-	do	Coodbort Lornday	T own days	4
1	uo	TO Transmell Co	Camplia	14
. 1	uo	T Musilon & Co	Clares	14
	do	V. Mueller & Co. Knickerbocker Ice Co. Illinois State Reformatory.	Coupon book	,
	do	Kilickerbocker ice Co	Coupon book	1
	do	Fuller & Fuller Co	Letterheads and blanks	i
	do	Maas Bros	Desilding restarials	i
	do	Ahrens & Schreiner	T ob one town gummling	
-	uo	Western Train Melegraph Co	Commission	
1	uo	Western Union Telegraph Co	Electric gammling	:
-	uo	Central Union Walanhama Co	Molomorea	:
-		Ditambanan El-	Community of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont	
-		Pilsenbarger Flynn	General supplies	
	uo	W. Liewis & Co.	Con and commiss	١ -
	uo	W. II. Cooper & Nepnews	General supplies	1
1	op	Denor W. Coopt	General supplies	
1	do	Chicago Doolsing House	suppnes	2
-		Ahrens & Schreiner Western Union Telegraph Co. Twin City Electric Co. Central Union Telephone Co. Pitsenbarger Flynn. W. Lewis & Co. Wm. Cooper & Nephews. Spalding & Quirk. Harry W. Grant. Chicago Packing House. Western Kieley Steam Specialty Co. Metzler & Schafer Co. Western Electric Co.	Letterheads and blanks Laboratory supplies Building materials Laboratory supplies Services Electric supplies Telegrams General supplies General supplies General supplies General supplies General supplies Building materials Supplies Electrical supplies Electrical supplies Building materials Letterheads	10
1	do	Motelon & Cobofor Co	Cumpling Historials	1
١	uo	Metzler & Schafer Co.  American Radiator Co.  Illinois State Reformatory.  Library Bureau.  Vaughan's Seed Store.  Knowlton & Bennett.  Reliable Plumbing & Heating Co.  Peck & Hills Furniture Co.  I. S. Rejmund	Plantainal graphics	10
1	uo	A marian Dadistar Co	Building makerials	1
1	uo	American Radiator Co	Dunding materials	6
1	uo	Library Puress	Letterheads	6
1	ao	Vanahania Good Store	Buff guidesSeeds	
1	op	vaugnan's Seed Store	Deeds	
	qo	Delichle Disserbing & West Co.	Glue. Plumbing materials.	
1	qo	Reliable Flumbing & Heating Co	Flumping materials	2
	go	T C Deiman d	rumiture	3
				4
	op	F. K. Robeson Central Electric Co.	Furniture Supplies Cheese cloth	
١	ao	Central Electric Co	Energical supplies	56
	ao	William Imhoff	Carpenter work	2
1	ao	H. W. COIO.	do	3
				2
	do	Inter-Ocean Newspaper Co	do. Advertising Typewriter supplies Freight and express	
١	do	Kemington Typewriter Co	Typewriter supplies	-
1	do	U., U., C. & St. L. R. R. Co	Freight and express	
: 1	do	Inter-Ocean Newspaper Co. Remington Typewriter Co. C, C, C, & St. L, R, R. Co. Inter-Ocean Newspaper Co.		
•	do	Western Fuel Co	Fuel	113
1	do	Western Fuel Co. Milburn Wagon Co. C. A. Denman, Contractor Illinois State Reformatory	Farm machinery	10
- 1	do	C. A. Denman, Contractor	Painting	61
3				15

# ${\tt OPERATION,\ MAINTENANCE\ AND\ EQUIPMENT\ VOUCHERS--} {\it Continued.}$

۰.	Date.	To whom.	For what.	Amou
	1913.			
39	Aug. 15	McCray Refrigerator Co. Eimer & Amend. Ottawa Silica Co. James B. Clow & Sons. J. F. Auld. The Burr Co. The Taylor Hardware Co. The Taylor Hardware Co. The Total Co. The Total Co. The Total Silica Co. Western Valve Co. Twin City Roofing & Sheet Metal Works Alexander Lumber Co. Geo. B. Carpenter & Co. Weil Brothers. Rundle Spence Mg. Co. Tower Mg. & Novelty Co. Vennegut Machinery Co. Champaign & Urbana Water Co. Champaign & Urbana Water Co. Clifford Peterson D. H. Lloyde. Illinois State Reformatory. Western Carbon & Ribbon Co. Borders, Chaffin & Co. Farrar & Quinlan. Bacon Brothers. G. & W. Electric Specialty Co. Barnhart Bros. Stipes & Hecker Illinois State Reformatory H. De Young. L. K. House & Co. James B. Clow & Sons. John H. Doyle Reliable Plumbing & Heating Co. E. H. Sargent & Co. Martin Metz. Central Electric Co. James B. Clow & Sons. Mrs. Elsie Blaisdell.	Refrigerator	\$ 40 198
70	do	Eimer & Amend	Laboratory apparatus	19
1	do	Ottawa Silica Co	Sand	
2	do	James B. Clow & Sons	Conduit pipe	10
73 74	do	J. F. Auld	Building materials	878 12
4	do	The Burr Co	do	12
75	do	The Taylor Hardware Co	do	
76 77 78 79	do	The Taylor Hardware Co	do	- 4
7	do	Central Electric Co	do	24 15
78	do	Western Valve Co	Plumbing materials	12
79	do	Twin City Roofing & Sheet Metal Works	Building materials	102
30	do	Alexander Lumber Co	[do]	102
1	do	Geo. B. Carpenter & Co	General supplies	10
2	do	Weil Brothers	do	
i E	do	Rundle Spence Mfg. Co	Machinery	3
34	do	Tower Mfg. & Novelty Co	Office supplies	
34 35 36	do	Vennegut Machinery Co	Laboratory supplies	3
86	do	Champaign & Urbana Water Co	Building repairs	168
ž7	. do	Western Valve Co.	Plumbing materials	168
88	do	Clifford Peterson	Tools	10
9	do	D. H. Lloyde	Laboratory apparatus	2
00	- do	Illinois State Reformatory	Printing	2
ĭ	40	Western Carbon & Ribbon Co	Office supplies	] ~
1	do	Borders, Chaffin & Co	Machinery	4:
3	uo	Farrar & Quinlan	Supplies	7
13	uo	Racon Brothora	Building motorials	1 6 1
4	uo	G & W Electric Specialty Co	Rangire and supplies	1
5		Bornbort Prog	Shodes	6
6	uo	Stings & Western	Supplies	1 1
7	Aug. 16	Illinois State Defense town	Donnita	1
8	:.do	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Complian	
9	do	H. Deroung.	supplies	
00	do	L. K. House & Co.	Potatoes	
)1	do	James B. Clow & Sons	Plumbing materials	4 1
)2 )3	do	John H. Doyle	Fencing	1
3	do	Reliable Plumbing & Heating Co	Plumbing materials	
)4	do	E. H. Sargent & Co	Laboratory apparatus	٠ ١
)5 l	do	Miller Harness Co	Machine repairs	
)5 )6	do	Martin Metz	do	:
7	do	Central Electric Co	Machine repairsdodoElectrical supplies. Building materials. Suppliesdododododododo	16
8	do	James B. Clow & Sons	Building materials	
9	do	Mrs. Elsie Blaisdell	Supplies	;
9	do	A. S. Nelson & Sons	đo	
ĭ	do	Standard Oil Co	General supplies	2
2	do	L. C. Smith & Bros. Typewriter Co.	Rental on typewriter	
$\begin{vmatrix} 2 \\ 3 \end{vmatrix}$	do	B. A. Strauch	Supplies	2
4	do	Mever & Wenthe	Office supplies	
5	do	G. E. Stechert & Co	Books	3
8	do	Max Weg	do	
6	do	I T Rverson	Laboratory apparatus	6
8		Eimer & Amond	Laboratory supplies	ĭ
ဂ္ဂ၂		Stings & Hooken	Ganaral supplies	ı î
9	uv	C H Brownell	. do. Laboratory apparatus. Laboratory supplies. General supplies Building materials.	10
V	uo	E W Sampson	Harness	1 1
20	o	Reliable Plumbing & Heating Co.  E. H. Sargent & Co. Martin Metz. Central Electric Co. James B. Clow & Sons. Mrs. Elsie Blaisdell. A. S. Nelson & Sons. Standard O'll Co. L. C. Smith & Bros. Typewriter Co. B. A. Strauch Meyer & Wenthe. G. E. Stechert & Co. Max Weg. J. T. Ryerson. Eimer & Amend. Stipes & Hecker. C. H. Brownell. E. W. Sampson. H. C. Wheeler. Twin City Ice & Cold Storage Co. Dallenbach Bros. Electric Coal Co. Metzler & Schafer Co. Knowlton & Bennett. The Taylor Hardware Co. F. K. Robeson. Twin City Roofing & Sheet Metal Works Jno. B. Bennett. Barnhart Bros. D. H. Lloyde. Cunninham Bros. Hill Clarke & Co. Jolly, Wieland & Richardson Co. Western Electric Co. Pratt & Whitney Co. Reliable Plumbing & Heating Co. Walker & Wulliken. Twin City Creamery Co. Farrar & Quinlan. Chicago Packing House Market. Martin Metz. F. C. Hubbard J. S. Reimund. Irving-Pitt Mfg. Co.	Harness Traveling expenses Supplies .do General supplies Groceries	1
2	uo	Twin City Ice & Cold Change Co	Supplier	5
3 4 5 6	do	Dollarheah Prog	do	:
4		Floatria Coal Co	Conoral supplies	1 02
5	ao	Motalon & Calledon Co	General supplies	1,03
ő	Aug. 19	Who wilton & Dennier CO	Dutter	1
7 8 9	ao	The Maylor Header	Duilding motoricle	10
8	do	The Laytor Hardware Co	Dunding materials	2
9	do	r. A. Koneson	Building materials Gold dust Building materials	, 2
0	do	Twill City Rooming & Sheet Metal Works	Dunding materials	6
1	do	лио. в. Bennett	ao	6
2	do	Barnhart Bros	Sand paper Rubber stamps Supplies	9
3	do	р. н. Lloyde	Kupper stamps	2
4 5	do	Cunninham Bros	Supplies	
5	do	Hill Clarke & Co	Laboratory apparatus	343
6	do	Jolly, Wieland & Richardson Co	Laboratory apparatus	5
7	do	Western Electric Co	Wire	13
8	do	Pratt & Whitney Co	Laboratory apparatus	1 40
ğ	do	Reliable Plumbing & Heating Co.	Plumbing materials	2
io	do.	Walker & Mulliken	Linoleum, carpet and paper	49
ĭΪ	do	Twin City Creamery Co	Butter	(
1 2	do	Farrar & Quinlan	Groceries	1:
3	40	Chicago Packing House Market	Meat	3:
14	uv	Martin Mate	Machine renairs	1
14	uv	F C Hubbard	Wire Laboratory apparatus Plumbing materials Linoleum, carpet and paper Butter Groceries Meat Machine repairs Fruit Supplies Office supplies	1
	uv	T C Doimand	Supplies	2
16	46			

-	Date.	To whom.	For what.	Amou
- -	1913.			
1	Aug. 19	H. C. Augustus	Rent on land	\$ 25
	do	G. O. Shields B. A. Strauch	Lectures	150
	do	B. A. Strauch	Supplies	10
	do	Wall Brothard	Plitmbing materials	51
	do	Control Electric Co	Electric meterials	69
	do	J. F. Auld	Plastering	128
.	do	Inter Ocean Oil Co	O11	18
	do	Barnhart Brothers	Tools	11
	do	Mittendorf & Kiler	Supplies	
	do	Twin City Ice & Cold Storage Co	General supplies	2
	do	J. C. Thomas. N. T. Pierce.	do	4
	do			1 ,5
	do do	Woldenberg & Schoor	Laboratory supplies	18
-	do	F H Sargant & Co	do	241
	Aug. 21	Pow roll		157 56, 717
ľ	rug. 21	James B. Clow & Sons. Woldenberg & Schaar E. H. Sargent & Co. Pay roll. Clark, C. R. Mann, F. M.	Salary, August, 1913 \$166-66	1 00, 11
ł		Mann. F. M	do 333 33	
1		Ricker, N. C.	do	
1		Wells, N. A.	do:	
1		White, J. M	do	1
1		Lake, E. J	do 150 00	
1		Stebbins, Joel	do 104 16	
}		Mann, F. M. Bicker, N. C. Wells, N. A. White, J. M. Lake, E. J. Stebbins, Joel. Barlow, Bronson.	do 150 00	
١		Rahn, Otto	do	
1		Hottes, C. F	do	
ı		Barrett, J. T	do	
		Hursh, R. K.	do	
		Barlow, Bronson Rahn, Otto Hottes, C. F. Barrett, J. T. Hursh, R. K. Radcliffe, B. S. Stull, R. T. Balke, C. W. Derick, C. G. Kessler, Ernst. Noyes, W. A. Parr, S. W. Smith, G. M. Weber, H. C. P. Baker, I. O. Dufour, F. O.	do	
1		Relice C W	do	
1		Darielz C G	do	
1		Kocclar Ernst	do	
1		Noves W A	do	İ
1		Parr S. W	do	
1		Smith, G. M	do	
١		Washburn, E. W	do 183 33	1
١		Weber, H. C. P	do 150 00	
١		Baker, I. O	. do	
1		Dufour, F. O	. do 166 66	
1		McDaniel, A. B	. do	
1		Malcolm, C. W. Smith, J. E.	do 150 00	
1		Barton, H. J.	do	
1		Contor H V	do	
1		Moss C M	do	
ı		Oldfother W A	do	
1		Moss, C. M. Oldfather, W. A. Pease, A. S. Frazer, George E.	do	
1		Frazer, George E	do	
1				ď
		Saxton, Olive F	. do 83 33	i)
		IWarnock A. R.	125 00	
		Strong Lillian	1 do - 50 00	
		Bogart, E. L	. do	
1		Bogart, E. L. Dewsnup, E. R. Duncan, J. C.	. do	
1		Duncan, J. C	do 229 16	
1		Litman, Simon		
1		Robinsón, M. H. Weston, N. A Anderson, L. F Bagley, W. C Coffman, L. D Miller, W. S. Berg, E. J. Brooks, Morgan. Bryant, J. M Paine, E. B Waldo, E. H Abrams, D. A		
1		Weston, N. A	do	1
		Rogley W C	do	
1		Coffmon T. D	do	
1		Millor W S	do	
		Berg E I	do	
		Brooks, Morgan	do	
		Bryant, J. M	do 183 33	
1		Paine, É. B	do	ĺ
1		Waldó, E. H	do 166 66	
1		Chittenden, A. K	do 229 16	
		Chittenden, A. K. Kratz, A. P. McFarland, D. F. Slater, W. A. Vedder, J. N. Yensen, T. D. Moore, H. F. Alden, R. M. Baldwin, E. C. Clark, T. A.	do 100 00	
1		McFarland, D. F	do	
1		Slater, W. A	do	
1		Vegger, J. N	do	
		Means II F	do	
		MOOFE, H. F	do 208 33 do 333 33	1
1		Roldwin E C	do	
1		Clark T A	do	
- 1		Clair, 1. A	1	1

No.	Date.	To whom.	For what.	Amour
	1913.	Dodge, D. K. Fulton, Edward Guild, T. H. Jones, H. S. V. Paul, H. G. Scott, F. W. Sherman, S. P. Zeitlin, Jacob. Folsom, J. W. Forbes, S. A. MacGillivray, A. D. Miller, H. W. Bayley, W. S. Rolfe, C. W. Savage, T. E. Brooks, N. C. Flom, G. T. Goebel, Julius. Lessing, O. E. Meyer, G. H. Balley, Margaret L. Kinley, David. Hollister, H. A. Alvord, C. W. Brock, S. J. Ford, G. S. Greene, E. B. Larson, L. M. Robertson, W. S. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Wormser, I. M. Babcock, K. C. Bond, Ethel. Curtis, Florence R. Felsenthal, Emma Simpson, Frances Drury, F. K. W. Dunlap, Fannie. Goulding, P. S. Herdman, Margaret Janvrin, C. E. Johnson, Alice. Jutton, Emma R. Kaiser, J. B. Karsten, (Mrs.) Eleanor G. Kingsbury, Margaret L. Windsor, P. L. Wyeth, Ola M. Patton, Adah Branch, Nellie U. Brown, Flora M. Borger, R. L. Crathorne, A. R. E. Sissm, C. H. Crathorne, A. R. Bendelt, B. Brown, Flora M. Borger, R. L. Crathorne, A. R. Brisk, A. Goodenough, G. A. Leutwiler, O. A. Richards, C. R. Morse, B. C. Lincoln, F. C. Stock, H. L. Shaw, J. B. Sissm, C. H. College, G. L. Crenter, C. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln, F. C. Lincoln		
763	Aug. 21	Dodge, D. K	Salary, August, 1913 \$250 00 do	ol
Ctd.	_	Fulton, Edward	do	9
	[	Guild, T. H	do	
	I	Doub U C	do	
		Scott F W	do183 3	il .
	i	Sherman, S. P.	do	31
		Zeitlin, Jacob	do	ó
	1	Folsom, J. W	do 166 60	3
		Forbes, S. A	do	3
	ĺ	MacGillivray, A. D	do	<b>}</b>
		Miller, H. W	150 00	2
	ŀ	Polfo C W	do	31
	[ ]	Savaga T E	do	
		Brooks N C	.do	il .
		Flom G. T	do	ś
		Goebel. Julius	do	3
		Lessing, O. E	do	3
		Meyer, G. H	do 208 33	3
		Bailey, Margaret L	do 50 00	)
		Kinley, David	do 500 00	)
		Hollister, H. A.	do	3
		Buok G T	do	
		Ford G S	do	
		Greene E B	do	
		Larson, L. M	do	
- 1		Robertson, W. S.	do166_66	
		Decker, E. H	do 250 00	) l
		Green, Frederick	do 291 66	3
		Hale, W. G	do 250 00	) [
- 1		Harker, O. A	. do	
		Pomeroy, J. N	do 183 33	
		Vernier, C. G	do	
		Wormser, 1. M	do	
		Rond Ethal	do	
		Craig Jennie A	do	1
- 1		Curtis, Florence R	do	
		Felsenthal, Emma	do	il
-		Simpson, Frances	do	i
		Drury, F. K. W	do 166 66	i)
		Dunlap, Fannie	do	1
- 1		Goulding, P. S	133 33	
1		Herdman, Margaret	do	
- 1		Hutching Margaret	i do 75.00	1
Į.		Janyrin C E	do	
- 1		Johnson, Alice	do	
		Jutton, Emma R	do 100 00	
- }		Kaiser, J. B	do 100 00	1
- [		Karsten, (Mrs.) Eleanor G	do 100 00	1
- 1	ł	Kingsbury, Margaret L	do 75 00	
1		windsor, P. L.	do	1
	ļ	wyetn, Ula M	ao	1
- 1	-	Proper Nollie II	do	1
- 1	i	Brown Flore M	do	
- 1	Į.	Rorger R I	do	ĺ
	1	Crathorne, A. R.	do	
- 1	i	Emch. Arnold	do	i
- 1	1	Lytle, E. B	do 133 33	
- 1	[	Miller, G. A	do 250 00	i
		Rietz, H. L.	do	
	<u>}</u>	Shaw, J. B.	do	1
- 1	ļ	Disam, U. H	do	
- 1	13	LUWIISERIG, E. J	uo 333 33	ĺ
1	:	Prior T A	do	
- 1	1:	Goodenough, G. A	do	
1	1-	Leutwiler, O. A.	do	
- 1	. ]:	Richards, C. R.	.do	
- 1		Morse, B. C.	.do 200 00 .do 333 33 .do 48 00	
.	15	Lincoln, F. C.	do 166 66	
		Stoek, H. H.	do	
- 1	- [	Enger, M. L.	do	
- 1	13	Fleming, V. R	do 125 00	
1	1.	Habermever, G. C.	do 141 66	I .

0.	Date.	Towhom.	For what.	Amour
	1913.			
63	Aug. 21		Salary, August, 1913 \$ 333 33	i l
d.		Mills, C. H. Schwartz, G. F. Clark, A. H. Day, W. B. Goodman, F. M. Snow, C. M. Bone, B. H. Daniels, A. H. Burge, W. E. Huff, G. A. Moulton, Gertrude. Carman, A. P. Knipp, C. T.	do	
		Clork A TT	158 33	
		Dov W R	do	
		Goodman F M	do	
	l	Snow. C. M	do	
	l	Bone, B. H.	do 250 00	
	· .	Daniéls, A. H	do 300 00	)
		Burge, W. E	do 166 66	
	ł	Huff, G. A.	do250 00	
	1	Moulton, Gertrude	do	
	1	Kninn C T	do	
	i	Knipp, C. T. Kunz, Jakob	. do	
		Schulz, W. F	do	
	l	Schulz, W. F. Strong, E. T.	do	
		Watson, F. R.	do 200 00	
	l	Williams, E. H	do 125 00	) .
		Filbey, E. J	do 166 66	
	l	James, Edmund J	do	)[
•	1	Dodd, W. F.	166 66	
	l	Strong, E. T. Watson, F. R. Williams, E. H. Filbey, E. J. James, Edmund J. Dodd, W. F. Fairlie, J. A. Garner, J. W. Mathaws I. M.	250 00	3
	l	Mathews, J. M.		
		Bentley, Madison		1
		Sutherland A H	do	
	l	Sutherland, A. H. Buck, A. M.	do	
	ĺ	Dunn, H. H.	do	
	[	McLean, A. H.	do	
	ĺ	Dunn, H. H. McLean, A. H. Marquis, F. W. Schmidt, E. C.	do 75 00	
	Į	Schmidt, E. C	do 291 66	
		Smith, Adelle C. Beck, J. B. Blondheim, D. S. Carnahan, D. H. Fitz-Gerald, J. D. II.	do	
		Beck, J. B.	do 166 66	
	l	Blondheim, D. S.	do	
		Uarnanan, D. H	.do	1
		Olivor of F	do	1
	1	Saymour A D	do 166 66	
		Haves E C	do 233 33	1
	1	Todd, A. J.	do	
		Adams, C. C.	do 137 50	
	1	Carpenter, F. W	do 166 66	ił
		Smith, Frank	do	
		[Ward, H. B	do	
		Zeleny, Charles	208 33	
		Dryon C D	do 100 00	
	,	O'Byrne C C	do 100 00	
	l	Runert, R. R.	do 100 00	
	1	Fitz-Gerald, J. D. II. Oliver, T. E. Seymour, A. R. Hayes, E. C. Todd, A. J. Adams, C. C. Carpenter, F. W. Smith, Frank Ward, H. B. Zeleny, Charles. Barbour, F. L. Dryer, G. P. Curyer, G. P. Curyer, R. R. Carson, H. Y. Allyn, Orr. Bauer, F. C. Burlish, W. L.	do125_00	
		Allyn, Orr	do 70 00	
		Bauer, F. C	do 125 00	)
		Burlison, W. L	do100_00	1
	,	Burlison, W. L. Fisher, O. S. Gustafson, A. F. Hegnauer, Leonard Hopkins, C. G. Mosier, J. G. Pettit, J. H. Smith, L. H. Stewart, H. W. Whiting, A. L. Gernert, W. B. Park, J. B. Aumer, J. P. Binding, L. R. Dickenson, R. W.	166 74	
		Gustaison, A. F	do	
		Honking C G	do	
		Mogian I C	do	
		Pettit, J. H	.do	
		Smith, L. H.	do	
- 1		Stewart, H. W	do 150 00	1
		Whiting, A. L	do 125 .00	
- 1		Gernert, W. B	do 125 00	
Į		Park, J. B	do	
		Rinding T. P.	do 150 00	
1		Diekenson P W	do	
ı		Fisher F A	do	1
		Garrett. F. W	do	
- 1		Holt. S. V	do	1
ł		Hoskins, E. E.	.do	l
		Keller, Oran	do	
Ì		Leighty, W. R.	do	1
		Binding, L. R. Dickenson, R. W Fisher, F. A. Garrett, F. W Holt, S. V Hoskins, E. E. Keller, Oran. Leighty, W. R. Logan, C. C. Neidermen, Gertrude. Sachs, W. H. Van Alstine, E.	do	1
1		Neidermen, Gertrude	do 100 00	(
-		Sachs, W. H	do 125 00	
- 1		Van Alstine. E	do 150 00	i

0,	Date.	To whom.	For what.	Amou
	1913.	Wascher, F. W. Whitchurch, J. E. Wheeler, H. C. Woodard, John Barto, D. O. Bull, Sleeter. Carmicheal, W. J. Coffey, W. C. Edmunds, J. L. Grindley, H. S. Hall, L. D. Handschin, W. F. Joseph, W. E. Mumford, H. W. Perry, Leonora Place, V. A. Rusk, H. P. Wells, J. R. Yoke, J. J. Smith, W. H. Evans, Augusta D. Nolan, A. W. Rankin, F. H. Simpson, F. M. Gaines, W. L. Pearson, F. A. Wakely, L. M. Brand, R. E. Crandall, W. T. Fraser, W. J. Hepburn, N. W. Harding, H. A. Hulce, R. S. Keller, O. A. Parker, H. N. Ruehe, H. A. Blair, J. C. Durst, C. E. Foglesong, L. E. Gardner, J. J. Lloyde, J. W. Miller, Wilhelm Nehrling, A. H. Root, R. R. Dorner, H. B. Hutchinson, James Muncie, F. W. Peltier, G. L. Gunderson, A. G. Pickett, B. S. Ruth, W. A. Wakkins, O. S. Bevier, Isabel Gibbs, Charlotte Goldthwaite, Nellie E. Parsons, Maud Pincomb, Helena M. Rinaker, Harriet Wheeler, Ruth Powell, B. E. McIntosh, D. Bartow, Edward Corson, H. P. Ferguson, H. F. Hansen, Paul Hilscher, Ralph Langelier, W. F. Mohlmann, F. W. Andros, S. O. Hannack, Carman Hart, Eliza. Jester, Marie.		
63	Aug. 21	Wascher, F. W	Salary, August, 1913 \$ 83 37	7
td.	_	Whitchurch, J. E	do	)
		Wheeler, H. C.	do 150 00	
		Woodard, John	do	
		Pull Closton	do	
i		Cormichael W T	do	
		Coffey W C	.do	
		Edmunds, J. L.	_do166 74	
		Grindley, H. S.	do	
		Hall, L. D	do 225 00	
		Handschin, W. F	do 150 00	
	,	Joseph, W. E	do	
ļ	·	Mumtord, H. W	do	
		Perry, Leonora	do	
		Puels II D	do	
- 1		Walle T P	do	
		Voke I I	.do	
- 1		Smith. W. H	do	
- 1		Evans, Augusta D	do	
	İ	Nolan, A. W	do 200 00	
- [		Rankin, F. H	do 250 00	
- 1		Simpson, F. M	do 100 00	
		Gaines, W. L	do 150 00	
- 1		Pearson, F. A	do 75 00	
٠ ا		wakely, L. M	do 50 00	
- 1	i	Crandell W T	do	
- 1		Freedr W T	.do	
- 1		Henburn N W	do	
- 1		Harding H. A	do	
- 1		Hulce, R. S.	do	
١		Keller, O. A	do 83 37	
- 1		Parker, H. N	do 200 00	
- 1		Ruehe, H. A	do 116 74	
- 1		Blair, J. C	do	
- 1		Durst, C. E	do 125 00	
ı		Foglesong, L. E	do 100 00	
- 1		Garaner, J. J	do	
- 1		Miller Wilhelm	.do	
- 1		Nehrling A H	do	
- 1		Root, R. R.	do	
- 1		Dorner, H. B	do 200 00	
- 1		Hutchinson, James	do 100 00	
- 1		Muncie, F. W	do 83 37	
		Peltier, G. L	do 83 37	
		Gunderson, A. G	do83 37	
- 1		Pickett, B. S	do	
- 1		Mull, W. A	do	
- 1		Ravier Techal	do	
- 1		Gibbs Charlotte	do	
- 1		Goldthwaite, Nellie E	do	
		Parsons, Maud	do 100 00	
- 1	1	Pincomb, Helena M	do 133 37	
ı	-	Rinaker, Harriet	do 125 00	
ļ		Wheeler, Ruth	do	l
	1	Powell, B. E	do	
	ļ	MCIIIOSI, D	do	
- 1	1	Coreon H P	do	
	1	Ferguson H. F	do	
- 1	i	Hansen, Paul	do	
-	ŀ	Hilscher, Ralph	do	
	ļ	Langelier, W. F	do 100 00	
	l.	Mohlmann, F. W	do	
	Į,	Andros, S. O	do 150 00	
	Į.	Harnack, Carman	do	
		Hart, Eliza	do	
	ŀ	Jester, Marie	do	
- 1	Į:	Jonnson, J. J	do	
	ŀ	Allen Tegenhine	do	
- 1	ŀ	Allow W E	do	
	1	Mohimann, F. W. Andros, S. O. Harnack, Carman. Hart, Eliza. Jester, Marie. Johnson, J. J. McMullin, Jane. Allen, Josephine. Alley, W. E. Amos, Winifred L. Arneson, Mabel	do	
	1	Arneson, Mabel	do	
- 1		Ach Tthal	.do	

٧o.	Date.	To whom.	For what.	Amoun
	1913.	Atkinson, C. E. Blackwell, Mary L. Boice, L. A. Bolan, Anma R. Broadhurst, Tabitha J. Brown, Ina M. Brown, Ina M. Brown, William H. Bryan, Sarah Buckler, Helen I. Coles, B. D. Cole, H. W. Crawford, C. C. Cunningham, H. E. Daton, C. E. David, Eshoo. David, Paul. Durfey, Franc. Emigh, Edith. Feind, Frances M. Fieg, R. I. Foos, Margaret C. Fraser, Viola. Froberg, Eric. Goetz, Antoinette. Good, Elizabeth. Griffith, Mabel F. Hamilton, (Mrs.) Alice V. Hay, N. Heater, Myrtle E. Houchens, Josie B. Hull, A. H. Humrichouse, Katie L. Johnson, Gertrude Kelley, J. H. Kirwan, Nora Kelley, J. H. Kirwan, Nora Kanpp, Aurella Knorr, L. E. Kyle, Martha J. Lamb, Allie. Lee, A. R. Loomis, Meta Lund, Stella McConn, C. M. McGurty, Agnes Manspeaker, L. Mae Meneley, Maude E. Mescek, Rudolph Miller, C. F. Morey, Lloyd Morrow, J. A. Murphey, M. W. North, James W. Ooks, Catherine S. Oberdorfer, H. D. Packard, Bessie Peel, Elizabeth C. Pael Thomas		
763	Aug. 21	Atkinson, C.E	Salary, August, 1913 \$141 6	6
Ctd.	-	Blackwell, Mary L	do	0
		Bolen Anne P	do	0
	ļ	Broadhurst, Tabitha J	do 75 0	ŏ
	]	Brown, Ina M	do	ŏ
		Browne, William H	do 283 3	4
	Ì	Bryan, Sarah	do	0
		Coles R D	do 50.0	n n
		Cole. H. W	do 60 0	ŏ
	1	Crawford, C. C.	.do	Ö
	1	Cunningham, H. E	do 150 0	0
	ļ	Dalton, C. E.	do	0
	1	David Paul	do 45 0	N
	1	Durfey, Franc	do 50 0	ő
	1	Emigh, Edith	do	ŏ
	ĺ	Feind, Frances M	do 75 0	0
		Fieg, R. I.	do 50 0	0
		Freser Viole	do 55 0	N
	1	Froberg Eric	do 60 0	ŏ
	1	Goetz, Antoinette.	.do	ŏ
	Į.	Good, Elizabeth	do 40 0	0
	-	Griffith, Mabel F.	do	0
		Hamilton, (Mrs.) Ance v	do 190 0	N N
		Hav. N	do 166 6	6
	1	Heater, Myrtle E	do	ŏ
	ļ	Houchens, Josie B	do 75 0	0
		Hull, A. H	do	0
	l	Tohnson Cortrado	do 55 (	0
		Kelley I H	do 166 6	6
	1	Kirwan, Nora	do	ŏ
		Knapp, Aurella	do	0
	1	Knorr, L. E.	do	0
	ì	Kyle, Martha J	do 50 C	Q
		Tan A R	do 91 6	6
	1	Loomis, Metta.	do	iŏ
	]	Lund, Stella	do 55 (	10
		McConn, C. M	do	7
		McGurty, Agnes		3
		Maneley Manda E	do 50 0	0
	1	Meseck, Rudolph	do	iŏl
	1	Miller, C. F.	do 75 (	10
		Morey, Lloyd	do	00
	1	Morrow, J. A	100 0	00
	1	North James W	do 70 (	iol
	.j	Oaks, Catherine S.	do 65 (	io
	l	Oberdorfer, H. D	do 200 (	0
		Packard, Bessie	do	00
		Peel, Elizabeth C	do	10
		Oaks, Catherine S Oberdorfer, H. D Packard, Bessie Peel, Elizabeth C Peel, Elizabeth C Peel, Thomas Post, F. W Postlewait, Harriet L Rickets, Clara A Rodgers, Della M Robertson, Nellie M Savage, John Sharp, Bertha Shepard, Anna L Showers, T. J Slater, Sara M Smith, I. M	do	.01
	1	Postlewait, Harriet L.	do	
	i	Rickets, Clara A	do 60 (	101
		Rodgers, Della M	do 40 (	
		Robertson, Nellie M	do 55 (	
		Sharn Bartha	do	
		Shepard, Anna L	do	
		Showers, T. J.	do	10
	1	Slater, Sara M	do	
		Smith, I. M	do	
		Smith, Jessie A	do	iol
	1	Southwell, James	.do	ool
		Smith, Mayme L. Southwell, James. Staples, O. E. Steitz, Alfred.	do150 (	00
	1	Steitz, Alfred	do	)Oi
	1	Stevens, Sabra	do	10
		Stevens, Sabra Thompson, M. E. Tomlinson, J. S. Torrance, Mary Tuttle, G. P.	do	וטו
		Torrance, Mary	.do	
		Tuttle, G. P.	do	

No.	Date.	To whom.	For what.	Amount
	1913.	the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	•	
763	Aug. 21	Tyrrell, Josephine. Voight, Lida E. White, Lida E. Wyninger, H. T. Pay roll. Argo, Roy Barto, Lucy M. Chaplin, Ralph. Conley, M. J. Cook, Jessie. Crathorne, Anna Crawford, T. P. Custer, Emma L. Foor, H. Gage, Marjorie H.	Salary, August, 1913 \$45 00	
Cld.		Voight, Lida E	do 83 33	
		White, Lida E	do	
=0.4	1 -	Wyninger, H. T	do	AT 000 F
764	do	Pay roll	Words August 1012	\$7,933 5
		Porto Tuor M	Wages, August, 1913 55 00 20 00	1
		Chanlin Ralph	do	
		Conley M. J.	do	
		Cook, Jessie	do	
		Crathorne, Anna	do 50 00	
		Crawford, T. P	do	
		Custer, Emma L	do 70 00	1
		Foor, H.	1do	
		Gage, Marjorie H	do	
		Gordon Maria A	do	l
		Halliday Mahel	do	Ì
		Harolle, Claude	.do	1
		Hough, William	do	ì
		Ingalls, H. B	do 60 00	
		Jenkins, Elmer	do 60 00	
- 1		Kelley, J. R	do	1
		Couk, Jessel Crathorne, Anna Crawford, T. P. Custer, Emma L. Foor, H. Gage, Marjorie H. Goodspeed, W. S. Gordon, Marie A. Halliday, Mabel. Harolle, Claude. Hough, William. Ingalls, H. B. Jenkins, Elmer Kelley, J. R. McIntosh, Winlired. Meenach, Earl Millar, Mary. Moore, P. O. Nyberg, Florence. Patterson, Will Poll, Lillian. Pritchard, R. Pritchard, R. Pritchard, R. Pulling, Elizabeth. Rhoads, Hazel. Rose, M. D. Sharp, Ethel. Sprinkle, D. C. States, Bertha G. Stoneburner, A. J. Stricklan, Freda O. Wheeler, H. H. White, Loretto Atkinson, O. G. Brown, C. F. Brown, E. J. Buckles, Mildred E. Campbell, Mason Coffey, J. H. Cover, Hazel. Curry, Florence J. David, Simon Durman, Ben Ellis, E. R. Engle, Lawrence Feldkamp, Amelia Frizzell, L. F. Gallaher, Marion B. George, Elia. Heath, William Lungerich, C. T. Klein, Gordon. Klena, Joseph MocQueen, H. D. Mink, George Mink, J. D. Mink, George Mink, J. D. Moore, H. E. Mount, Harold Nessell Sayer, Clint Shaffer, Guy Smith, H. S. Furner, Chester Varner, Elmer	do	1
1		McIntosn, Winired	do 10 00  do 60 00	
		Millon Mony	do	
		Moora P O	do	
		Nyberg Florence	.do	
		Patterson, Will.	do	
1		Poll, Lillian	do 50 00	
		Pritchard, H	do 65 00	
- 1		Pritchard, R	do 60 00	
1	:	Pulling, Elizabeth	do 60 00	
1		Rhoads, Hazel	do	
		Kose, M. D	do	
		Snarp, Etnel	do	
	-	Statas Rartha G	do	
- 1		Stoneburner, A. J.	do	
1		Stricklan, Freda O	do	
- 1		Wheeler, H. H.	do	
- 1		White, Loretto	do 65 00	
İ		Atkinson, O. G	do	
		Brown, C. F	do 45 00	
- 1		Brown, Edward	do	
		Brown, E. J	do	
1		Compbell Mason	do	
		Coffey I H	do	
		Cover, Hazel	do	
		Curry, Florence J.	do	
		David, Simon	do	
ļ	ļ	Durmán, Ben	do	
1	l	Ellis, E. R	do	
- 1		Engle, Lawrence	do	
- 1		Feldkamp, Amelia	do	
- 1	1	Frizzell, L. F	do 45 00	
- 1	1	Gallaner, Marion B	do	
- 1		Hooth William	do	
1	í.	Imperich C T	.do	
1	ľ	Klein, Gordon	do	
		Klena. Joseph	do	
- }	1	McQueen, H. D	do	
- 1	ľ	Mink, George	do	
- 1	į.	Mink, J. D	do 50 00	
1	~	Moore, H. E	do 50 00	
	1	Mount, Harold	do	
	].	Nesdit, Lawrence	do 50 00	
- 1	1:	Proese, William	do	
	]:	Rinne Rass	do	
- 1	[:	Leonard, Russell	do	,
	Į.	Saver. Clint	do 25 00	
l	13	Shaffer, Guy	do	
	l.	Smith, H. S.	do	
	į.	Turner, Chester	.do	
	1.		.do	

No.	Date.	To whom.	For what.	Amour
	1913.			
764	Aug. 21	Anderson, J. C. Andrews, J. B. Badger, C. J. Beaumont, G. S. Bennett, W. L. Parvilve, B. I.	Wages, August, 1913 \$ 65 00	l
Cld.	ł	Andrews, J. B	do	
	l	Badger, C. J.	do 40 00	
		Beaumont, G. S	do	
	ĺ	Bennett, W. L	do	1
	Į.	Bowling, B. L. Burdick, I. F. Burwash, A. E. Campbell, C. A.	do	
	1	Burdick, I. F.	do 75 00	
	1	Comphall C A	do 55 00	1
	1	Campoeii, C. A. Cate, H. A. Chapman, C. C. Checkley, J. H. Crouch, H. E. DeWerff, H. A. Dunlap, B. H. Ebersol, E. T. Ellis, O. I.	do 60 00	
	1	Chamman C C	do 60 00	
		Cheekley T H	do	
	Į.	Crough H F	do	
	1	Doworf H A	do 55 00	
	-	Dunlen B H	[do	
	1 .	Phoreol F T	do 60 00	
	1	Ebersol, E. T	ido	l
	1	Emgle W T	do 70 00	
	1	Edward II E /	do 70 00	
•	1	Fanrikopi, H. F. T	do 60 00	
	j	Ellis, O. I Engle, W. J Fahrnkopf, H. F. T Fullenwider, T	do	1
	1	Contlo C F	do	
		Gilkerson H C	do 60 00	
	1	Grantham G M	do	J
	1	Fullenwider, T. Gault, F. W. Gentle, G. E. Gilkerson, H. C. Grantham, G. M. Harry, W. L. Heck, A. F. Hinkley, G. M. Hoffman, R. W. Hunter, L. A. Jones, Garfield Lanham, E. T.	do 50 00	1
	1	Hook A F	.do 83 33	l
	1	Hinkley G M	do	
		Hoffman D W	30 00	
	1	TTurnton T A	do 70 00	
		Tomos Corfold	do 70 00	1
		Jones, Garneld	do	
	ľ	Lannam, E. T.	do 100 00	
		Lankioru, John	do	}
	1	Lawson, H. U	do40 26	
	1	McGnee, O. M	do45 00	
	1	Nogie, George	do	
		Pairrey, John R	do 75 00	
		Partridge, N. L.	do	'l
	ì	Pine, Fred	do	l
	ł	Radebaugh, G. A	do 100 00	}
	1	Reed, Alice	do 50 00	
		Rigg, C. L.	do	
	1	Romine, J. F	do 40 00	1
	1	Scroggiis, D. L	do	
	i	Sims, Flora M	do 107 00	
	1	Smith, r. A. C.	do	1
	!	Smith, J. F.	do	
	1	Shider, H. J	do	
	1	Stocker, Cornellus	do	
	1	Thomas, Mervin	do	
	1	Torgerson, E. F	do	1
	1	Welton Dhilip	do	1
		Walventh E II	do 70.00	
	1	Your W W	do	
	1	Payron Frederic	do	1
	ł	Hunter, L. A Jones, Garfield Lanham, E. T Lankford, John Lawson, H. C McGhee, O. M Nogle, George Paltrey, John R Partridge, N. L Prine, Fred Radebaugh, G. A Reed, Alice Rigg, C. L Romine, J. F Scroggins, D. L Sims, Flora M Smith, F. A. C Smith, J. F Snider, H. J Stocker, Cornelius Thomas, Melvin Torgerson, E. F Tornquist, Andrew Walters, Philip Waltworth, E. H Yapp, W. W Bowen, Evalena Burt, Ruth Engle, Ralph Glover, R. C Hakanson, Eric Hiskey, George Morray, Ralph Needham, Lucile Snapp, R. R Stoutzenberg, Florence Tornquist, Alpha	do	
	1	Engle Polph	-do50 00	
	1	Clover D C	do	
	I	Holzanson Frie	do	1
	1	Hakanson, Eric	do	1
		Manney Delah	10 00 to 00	
	ĺ	(Moodhom Tyoflo	do	ł
	ł	Chann D D	do	
	1	Stantanhara Flores	do	J
	l	Tornaviet Alpha	Jdo	]
		Stoutzenberg, Florence Tornauist, Alpha. Wilkins, Stanley. Frank Hawley, Contractor	do 55 00	ŀ
65	- do	Fronk Howley Contractor	do	\$1,600
66	do	D T Turch	Traveling avances	13
67	40	Right Hawley, Contractor R. K. Hursh Twin City Printing Co. Champaign Steam Laundry John H. Doyle D. H. Lloyde	Traveling expenses Office supplies Laundry	1 1
68	do	Champaign Steem I arm 3	Toundry	1 17
69	do	Tohn H. Doyle	Ruilding materials	1 1
69 70	do	D H I lordo	Building materials Office supplies Machinery General supplies	10
71	uo	The Pure Co	Machinery	12
72	do	Twin City Ice & Cold Stances Co	Conorel symplica	12 2 33
73	do	Twin City Flootrie Co	A wninge	72
774	do	The Burr Co. Twin City Ice & Cold Storage Co. Twin City Electric Co. E. H. Sargent & Co. General Electric Co.	Awnings	305
774 775	do	Conoral Electric Co	Laboratory apparatus Machinery	73 365 237
776	do	TT T Choston	Drovege	48
	100	H. F. Chester John Reichard	Drayage	267
777		LIOUR KARNSTO	ICOLU SHO OSTS	1 207

٧o٠	Date.	To whom.	For what.	Amou
	1913.	Burroughs Adding Machine Co. The Creamery Package Mfg. Co. Metzler & Schafer Co. John Reichard. Tablet & Ticket Co. E. T. Banjamin. Chas. A. Hall Hardware Co. R. C. Wagner & Son. Watson Faulkner. Chas. F. Witt. C. W. Murphy Bacon Brothers. W. W. Walls & Co. Frederick Post Co. Jas. F. Umpleby. James B. Clow & Sons. Carl H. Reuter Linde Air Products Co. H. McGlade. Henry C. Gilkerson.		
778	Aug. 21	Burroughs Adding Machine Co	Office supplies	\$
779 780	do	The Creamery Package Mig. Co	Zero oil. General supplies. Corn and oats.	19
78U 781	do	Iohn Reichard	Corn and cats	10
781 782	do	Tablet & Ticket Co	Office supplies	19
783	do	E. T. Baniamin	General supplies	1
783 784	do	Chas, A. Hall Hardware Co	do.	1
785 786 787	do	R. C. Wagner & Son	Coal	-
786	do	Watson Faulkner	General supplies	] :
87	do	Chas. F. Witt	Harness repairs	7.
88	do	C. W. Murphy	Fixtures	7.
89	do	Bacon Brothers	General supplies	
90 91	do	W. W. Walls & Co	Building materials	
$92^{\circ}$	do	Log E Timpleby	General supplies	16 15 5
93	do	Jas. F. Ullipieby	Plumbing meterials	15
94	do	Carl H Rauter	Office equipment	24
94 95	do	Linde Air Products Co	Laboratory supplies	24
96 97	do	H. McGlade	General supplies	.34 1
97	do	Harry C. Gilkerson.	Traveling expenses	1'
98 99	do	F. W. Garrett	do	2° 28
99	do	Harry Gilkerson	Field expenses	28
00	do	Burroughs Adding Machine Co The Creamery Package Mfg. Co Metzler & Schafer Co John Reichard Tablet & Ticket Co E. T. Banjamin Chas. A. Hall Hardware Co R. C. Wagner & Son Watson Faulkner Chas. F. Witt C. W. Murphy Bacon Brothers W. W. Walls & Co Frederick Post Co Jas. F. Umpleby James B. Clow & Sons Carl H. Reuter Linde Air Products Co H. McGlade Harry C. Gilkerson F. W. Garrett Harry Gilkerson Charles C. Rees Harrison Fahrnkopf Harrison Fahrnkopf A. F. Gustafson S. V. Holt R. W. Dickenson J. G. Mosier Truman Fullenwider George M. Hinkley O. E. Staples, Bursar McKey & Poague, Agents Western Union Telegraph Co Postal Telegraph-Cable Co Postal Telegraph-Cable Co For Hearting Co G. S. Blakeslee & Co G. S. Blakeslee & Co G. S. Blakeslee & Son Wilson Brothers B. F. Stevenson Metzler & Schafer Co Engineering Record Eisner Grocery Co Commercial Telephone & Telegraph Co Automatic Electric Co I. Bownan Wilson Brothers B. F. Stevenson Metzler & Schafer Co Engineering Record Eisner Grocery Co Commercial Telephone & Telegraph Co Automatic Electric Co I. Bownan Wittiams Bros N. L. Partridge National Engineer Otto Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. Partridge National Engineer Dito Schwartz N. L. P	Traveling expenses	11
01	do	Harrison Fahrnkopf	Field expenses	91
02	ao	Harrison Fahrnkopi	Traveling expenses	13 33
03 04	on	A. I. Gustaison	do	38 49
05	do	D. V. Hull D. W. Diekenson	do	37
06	do	I G Mosiar	do	37 16
07	do	Truman Fullenwider	do	29
08	do	George M. Hinkley	do	31
09	do	O. E. Staples, Bursar	Pay roll.	598
10	Aug. 25	McKey & Poágue. Agents	Rent	500
11	do	Western Union Telegraph Co	Messages	598 500 43
12	do	Postal Telegraph-Cable Co	do	4
13	do	Twin City Ice & Cold Storage Co	General supplies	40
14	do	G. S. Blakesiee & Co	Laboratory apparatus	40
15	do	L. Harrington	Machinery repairs	1
16	do	Mng Fronk M Dorry	Moking towels	2
17 18	do	White Line Steam Loundry	Laundry	20
19	do	Willard Cooper	Machine repairs	4
20	do	A. Pickering & Son	Machine repairs	2
21	do	Wilson Brothers	Traveling expenses	18
22	do	B. F. Stevenson	Entertaining	6
23	do	Metzler & Schafer Co	General supplies	6
24	do	Engineering Record	Advertising	3
25	do	Eisner Grocery Co	Laboratory supplies	5
26 27	qo	Commercial Telephone & Telegraph Co.	Messages	6
28	do	Automatic Electric Co	Tools	12
9	do	Wittiams Bros	Building repairs	21 31
30	do	N. L. Partridge	Supplies	3
9 80 81	do	National Engineer	Advertising.	3
2	do	Otto Schwartz	Traveling expenses	26 4
3	do	N. L. Partridge	do	4
4 .	do	F. A. Pearson	do	2
5 .	do	F. D. Voris	do	$\frac{13}{2}$
6 .	do 4	American Multigraph Sales Co	Macnine repairs	2
8 .	ao j	J. C. Wheeler	Transling arranges	22 55
$\begin{bmatrix} 8 \\ 9 \end{bmatrix}$		1. U. WHEELEF	do	55 11
0 .	A 110 98 (	E Stanlag Burgar	Express hills naid	78
ĭ  .	.do. 20	). E. Staples, Bursar	Student pay roll paid	175
2	doi	llinois Traction System	Freight and express	8
ã  :	do ĉ	C., C., C. & St. L. R. R. Co.	do	64
<u>،</u> 4	.doI	llinois Central R. R. Co	do	64 22
5 .	do\	Vabash R. R.	do	34
6 .	do C	D. E. Staples, Bursar	Sundry bills paid	50
7 .	do I	I. A. Aldrich	Traveling expenses	18
8 .	do A	ugust Geweke	do	8 25
9  .	do  <u>I</u>	lenry Lussenhop	Field expenses	25
9  -	. do ∄	'ersis Putman	Ulerical assistance	12
1.	αo 1	Onn Derin	Traveling expenses	98
$\frac{2}{2}$ .	do ∓	T. V. Wascner	Traveling expenses	42
3 .	ao £	La J. Dilliger	Pant	11 500
5 .	do 2	C C & St T. D D Co	Freight	500 3

No.	Date.	To whom.	For what.	Amou
	1913.	R. W. Dickenson F. W. Wascher H. C. Wheeler R. W. Dickenson A. F. Gustafson Truman Fullenwider Harrison Fahrnkopf H. C. Gilkerson G. M. Hinkley O. S. Fisher F. W. Gault Frank Price William L. Mays A. L. Moats		
857 858	Aug. 29	R. W. Dickenson	Traveling expenses	\$ 37 39
859	do	F. W. Wascher		51
860	do	R W Diekonson	do	ໂ ດຄ
861	do	A. F. Gustafson	do	23 31 13 20 16
862	do	Truman Fullenwider	do	31
863	do	Harrison Fahrnkonf.	do	13
864	do	H. C. Gilkerson	do	20
865	do	G. M. Hinkley	do	16
866	do	O. S. Fisher	Traveling expenses and fencing	68
867	do	F. W. Gault	Traveling expenses and supplies.	58
868 869	do	Frank Price	Painting	1, 09 1, 09 22 1
870	do	William L. Mays	rield expenses	05
271	Jdo	N W Honburn	Traveling ornange	20
872	do	Prof R S Pickett	do	1
871 872 873	- do	W A Ruth	do	1
874 875	do	O. S. Watkins	do	1
875	do	B. S. Pickett	do	1 8
876 877	do	Stella R. Fox	do	
877	do	Taylor Hardware Co	Building materials	19
878 879	do	W. Lewis & Co	Office supplies	-
619 600		waiker & Mulliken	r urniture repairs	20
880 881	ao	O. S. Fisher F. W. Gault Frank Price William L. Mays A. L. Mosts N. W. Hepburn Prof. B. S. Pickett W. A. Ruth O. S. Watkins B. S. Pickett Stella R. Fox Taylor Hardware Co W. Lewis & Co. Walker & Mulliken Alexander Lumber Co. D. H. Lloyde Ideal Electric Co Wm. D. Foster H. W. Johnson W. W. Walls & Co The Burr Co. Vaughans Seed Store D. M. Sims J. F. Auld Bryan Marsh Electric Works Twin City Roofing & Sheet Metal Works Bacon Bros Warren Brush Co. Western Electric Co. American Steam Gauge & Valve Mig. Co. Stipes & Hecker Oblong Lumber Co. H. D. Oberdorfer Hunter, Rourke & Co. Sears, Roebuck & Co. Corbin Cabinet Lock Co Hill, Clarke & Co. Hyatt Rolf Bearing Co. H. Mueller Mig. Co. Maxim Chemical Co. G. C. Willis Leeds & Northrup Co E. H. Sargent & Co. Mittendorf & Kiler Williams Bros. Central Electric Co. Exide Battery Depots Ernst Leitz Keuffel & Esser Co. Geo. B. Carpenter & Co. H. G. Hake Self Winding Clock Co Weil Bros. Hoosler Mig. Co. German Kail Works, Inc. Lewis Electric Supply Co. C. F. Witt Estate Royersford Foundry & Machine Co. Schellert Mig. Co. German Kail Works, Inc. Lewis Electric Supply Co. C. F. Witt Estate Royersford Foundry & Machine Co. Reeves Pulley Co. Hoppes Mig. Co. Jo. B. Bennett C. W. 'Davis. C. O. Bartlett & Snow Co Standard Oil, Co. J. White The Wabash R. R. C. O. C. C. C. & St. L. R. R. Co.	do	,
882	do	Ideal Electric Co	Electrical materials	21
883	- do	Wm. D. Foster	Traveling expenses	20 ( 31 ( 13
884	do	H. W. Johns-Manville Co	General supplies	12
885 886	do	C. W. Johnson	Machine repairs	
886	do	W. W. Walls & Co	Building materials	4
887 888	do	The Burr Co	Tools	30 61 48 106
888	do	Vaughans Seed Store	General supplies	61
889 890	do	D. M. Sims.	Generaliabor	48
89U 891	do	J. F. Auld	Plastering.	100
891 892	do	Tryin City Deefing & Sheet Metal Works	Building repairs	99 37
893	do	Recon Bros	General supplies	15
894	do	Warren Brush Co	do.	37
895	do	Western Electric Co	Electrical materials	18 37 14
896	do	American Steam Gauge & Valve Mfg. Co.	Laboratory apparatus	14
897	do	Stipes & Hecker	Building materials	31
898	do	Oblong Lumber Co	Drains	31
899	do	H. D. Oberdorfer	Traveling expenses	2
900 901	do	Hunter, Rourke & Co	Building materials	83 14
901	do	Corbin Cobinet Look Co	General supplies	14
902 903		Will Clarks & Co	Laboratory apparatus	50
904	do	Hyatt Roller Bearing Co	do	58
905	- do	H. Mueller Mfg. Co.	General supplies	48
906	do	Maxim Chemical Co	Janitor supplies	
907 908	do	G. C. Willis	General supplies	29 20
908	do	Leeds & Northrup Co	Apparatus repairs	20
909	do	E. H. Sargent & Co	Laboratory supplies	51
910	αο	Mittendori & Kiler	Fixtures.	8
911 912	do	Williams Bros	Building materials	35
13	ao	Exide Rettery Depots	Leboratory apparetus	35
114	- do	Ernst Leitz	do	369 10 12 30
914 915 916	do	Keuffel & Esser Co	do	10
16	do	Geo. B. Carpenter & Co.	Tools.	12
17	do	H. G. Hake	Services.	30
18	do	Self Winding Clock Co	Clocks	285
19	do	Weil Bros.	Building materials	73
20	do	Hoosier Mig. Co	Soap	285 73 7 295
21 22	do	Schollart Mfg. Co.	Blumbing materials	295
23	uo	German Kali Works Inc	Fortilizer	29 194
24		Lewis Electric Supply Co	Electrical supplies	29 124 2
25	do	C. F. Witt Estate	Farm machinery	19
26	do	Royersford Foundry & Machine Co	Machinery repairs.	19 9
27	do	Reeves Pulley Co	Machine repairs	15 10
28	do	Hoppes Mfg. Co	Laboratory apparatus	10
29 30	do	Jno. B. Bennett	Laboratory supplies	36
30	do	U. W. Davis	Building materials	63
31 32	do	U. U. Bartlett & Snow Co	Laboratory apparatus	135 60
132 133		T D White	Poetega	330
34	Sent 4	The Wahash R R	Treight	56 202
	~ CP . 4	THE IT WHATH IN THE PROPERTY.	T. V. V. PITO	200

0.	Date.	To whom.	For what.	Amou
	1913.		*/	
36	Sept. 4	The Wabash R. R.	Freight	\$ 2
37	do	Illinois Central R. R. Co	do	\$ 2
38	do	J. S. Kingsley C., C., C. & St. L. R. R. Co	do. Traveling expenses	39
39	do	C., C., C. & St. L. R. R. Co	Freight	12
40	do	Butter Patrons	Butter	66
41 42	do	W. B. Day, Actuary	Expenses	86
43	do	M. R. Carlson	Traveling expenses	10
44	do	F. A. Pearson Carroll J. Badger	do	4
45		J. B. Andrews	do	20
46	do	Alumni Assn.	Publication	250
47	do	J. F. Auld	Plastering	15
48	do	J. D. White, Clerk of Station	Stamps	440
19	do	M. E. Thompson	Expenses	8
ן טכ	do	L. A. Harding	Traveling expenses	64
51	do	O. S. Watkins	Field expenses	
52	do	Pay roll	27.	9,765
		Carmichael, W. J.	Salary, August, 1913 \$50 00	1
		Lang, LeRóy	do	
		Moklman, Harry Newlin, C. I	do	
		Booher, M. C.	Wages, August, 1913 18 80	
		Booker, O. J.	do	
		Booker, O. J.	do 40 80	
		Boswell, James	do	1
		Bover. G. W	do 65 31	
		Campbell, Mathew Carothers, Cevilla	do	
		Carothers, Cevilla	do	
		Carson, Rolla S	do	
		Carson, Rolla S. Cheever, J. W. Collins, A. L. Craig, J. D. Crawford, R. W. Cunningham, Perley.	do	
		Collins, A. L	do	
		Craig, J. D	do	
	]	Crawiord, R. W	do	
		Cunningnam, Perley	do	
		Davis, Paul Dunseth, C. A English, B. F Ensor, Russell Ernst, Elmore	.do	
		English R F	do	
		Ensor Russell	.do	
		Ernst Elmore	do	
	1	Fechtruph, Herman	do	
		Fiscus, J. C	do	
		Frechtruph, Herman Fiscus, J. C Franklin, F. T Glenn, V. S	do 56 49	1
		Glenn, V. S	do 55 00	1
		Grimn, G. U	100	
		Gundlock, Chas	do	
		Gundlock, Chas	do	
		Hooker, Fred	do 56 10	
		Hoover, F. F. Hunter, J. W. Janson, J. M.	do 62 00	
		Janson J. M	do	
		Johnson, C. C. Kliem, J. A. J.	do 61 95	
		Kliem, J. A. J.	do 71 61	
		Lanham, R. B	.ldo 45 40	)
		Long J. F	l do 66 99	
	•	May, U. G. Moore, C. P. Nelson, C. Q.	do	
		Moore, C. P.	do	
		Nelson, U. Q	do	1
		Peterson, Nick	do	
		Porter, S. A. Reed, B. L. Sandwell, Martin.	.do	
		Sandwall Martin	do	1
		Snock Orval	do	
	}	Snyder, T. B.	do	il
		Speedie, A. C.	do	
		Stearns, L. M	do	
		Surbaugh, C. A	do 50 60	
		Sparks, Marion	do	
		Sandwell, Martin. Snodk, Orval. Snyder, T. B. Speedie, A. C. Stearns, L. M. Surbaugh, C. A. Sparks, Marion. Sparks, Marion.	do	
		Thomson, H. L.	do	
	1	Vanderpeck, H. J	do	
	ĺ	Wormbion A	do	
	1	Wilson Wesley	.do	
	1	Wright Amos	do	
		Langhoff, Wm	.do	
	1	Mathers, Jennie	do	
	l	Thomson, H. L. Vanderbeck, H. J. Vandeventer, J. H. Warmbier, A. Wilson, Wesley Wright, Amos Langhoff, Wm Mathers, Jennie. Earhart, C. M. Fucukawa, S. Crawford, R. W.	do	
	1	Fucukawa, S	.do. 43 00	
		10 1 40 177	do33 00	

₹o.	Date.	To whom.	Forwhat.	Amour
	1913.	Pickels, G. W Higgins, Harry Wright, G. E Arrington, C. E Atwell, M. W Bailey, J. E Barnes, V. R. Berbaum, E. R Bevis, A Berbaum, E. R Bevis, A Brannigan, John Brown, Basil Brown, Harry Bullock, D. M Butler, Thomas Ceduskey, John Crathorne, F Cunningham, F Davis, Joseph Dibble, E. P Downing, H Fay, T. J Fender, Louie Fiscus, J. J. Frogarty, F Frogarty, F Frogarty, F Fox, Guy Freeman, C. Y Graybeal, W. H Hamlin, Sell Hanson, Samuel Harson, Samuel Hargan, E Henderson, T. O Hill, Charles Hixon, W G Hutton, Ross Irvine, Frank Irvine, James Jones, Margaret Justus, E. W Langhoff, A Langhoff, Fred Lewis, E. C Litton, A. C Long, Thomas McClughen, Frances Magnuson, A. O Mahorney, H. H Meneely, Dan Meenach, O. E Meyers, Jesse Miller, C. M Morgan, J. E Morgan, Rebecca Murphey, Ruthe Newton, J. R Nikolaus, Jacob Perry, F. M Purkins, J. F Quinn, William Richards, Ed Ryan, Mary E Servis, A Sinclair, C. R Smith, W. J Styder, ISAPh Templin, William		
952	Sept.	Pickels, G. W	Wages, August, 1913 \$ 23 40	1
td.		Higgins, Harry	do	4 .
	I	Wright, G. E.	do	
		Arrington C. E	do	
	l	Atwell M. W	do	
	l	Bailey I E	do	
		Barnes V D	do	
		Darhoum F D	.do	
	1	Der Daum, E. K.	149 00	
		Devis, A	143 00	
	i	Brannigan, John	do	
		Brown, Basil	do	
	1	Brown, Harry	do 54 60	
	1	Bullock, D. M	do 62 10	
	1	Butler, Thomas	do 62 56	1
	I	Ceduskey, John	ldo 81 40	
		Crathorne, F	do	d.
	i	Cunningham F	do	
	I	Davis Joseph	.do	
	1	Dibble F D	.do	
	1	Downing U	do 70 70	
	i	ромшия, <b>п</b>	do	
	ı	ray, I. J.	do	
	1	Fender, Fred	do	
	I	Fender, Louie	do	
	1	Fiscus, J. J	do 61 64	1
	1	Fogarty, F	do 54 60	1
	1	Fogarty, W	do 54 00	
	1	Fox. Guy	do	
	4	Freeman, C. Y	.do	
	ł	Graybeal W H	.do	Į.
	1	Hamlin Call	.do	
	4	Transa Carrail	52 00	
	l	Hanson, Samuel	do	
		Hargan, E	do	ì
		Henderson, T. O	do 106 40	1
	1	Hill, Charles	do 95 94	1
	1	Hixon, W. G	do	1
1	1	Hutton, Ross	do	ł
	1	Irvine, Frank	do	l .
	1	Irvine, James	do	Į.
		Iones Margaret	do44_20	1
		Trighting E. W	do108_00	1
	f	Langhoff A	do84_50	1
	1	Tanghoff Fred	.do	1
	1	Tamia T O	_do	(
	}	Titter A C	14 01	l
- 1		Litton, A. C.	do	1
•	1	Long, Thomas	do	1
	)	McAllister, A. J	do: 76 56	
	1	McCulough, James	do 61 60	1
- 1	l	McClughen, Frances	do 44 20	
3		Magnuson, A. O	do 80 00	[
	I	Mahorney, H. H.	do 65 32	1
i	l	Meneely, Dan	do	}
1	l	Meenach, O. E.	.do	1
	1	Meyers, Jesse	.do	
- 1	1.	Miller, C. M	.do	1
-	1	Moran A	.do	
1	ł	Morgan T E	.do	1
	1	Morgon Dobosco	32 UU	l
	1	Morgan, Repecca	do	
1	l	murpney, Kutne	do	l
		Newton, J. K	do	l
	l	Nikolaus, Jacob	do	ł
		Perry, F. M	do 64 40	l
1		Purkins, J. F.	do 45 98	l
j		Quinn, William	.do	1
		Richards, Ed.	do	1
- 1		Rvan Mary E	do	
- 1		Sarvic A	.do	
- 1		Sincloir C D	do	
- 1		Omith W T	10° 70	
ł		Chardon T	do 105. 78	
j		onyder, J	do	
- 1		Stateler, F	do 75 46	
1		Swearingen, Ralph	do 28 20	
- 1		Templin, William	do 85 13	
ł		Tillotson, I. F	do.,	
l		Toy, George	.do	
- 1		Turner George	do	
1		Smith, W. J. Snyder, J. Stateler, F. Swearingen, Ralph Templin, William Tillotson, I. F. Toy, George Turner, George Warmbier, August Wharmby, Ed. Wilde, William Wilson, Frank	.do	
1		Whomby Ed	do 00 00	
- 1		Wilde William	do	
- 1		wide, william	do 96 10	
		INVIRON ETONE	do 37 60	

Vo.	Date.	To whom.	For what.	Amour
	1913.	Beach, Frank Beyer, Vera. Beyer, Vera. Broomstra, S. P Boetstiger, L. A Broadhurst, E. Maury Brown, Clair Brown, K. G Brown, H. G Brown, H. G Brown, H. G Brown, R. G Brown, R. R Fermandez, C. S Gauger, R. W Golden, W. E Golden, W. E Golden, W. E Hannah, H. I Helfrich, O. L Hobart, Hugh Higgins, Max B Hannah, H. I Hubbard, Marie. Inagaki, Noble Inagaki, Noble Kercher, Otis Klein, Nancy Klein, George M Lee, Carrie A Mannix, Pauline McVay, T. N Merideth, Ina Millizen, Edna Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mitchell, Grace Mit		
952	Sept. 4	Beach, Frank	Wages, August, 1913 \$37 68	
Ctd.		Beyer, Vera	do	
	1	Boomstra, S. P.	do 13 30	
		Boettiger, L. A	do 44 45	
		Broadhurst, E. Maury	do 21 90	
	l	Brown, Clair	23 60	
		Brown, K. G	do	
		Craig E E	do 59 50	
	·	Danielson, R. R.	do 80 25	
	1	Fermandez, C. S.	-do	
		Gauger, R. W.	.do	
	I	Gauger, R. W	do 7 00	
	l	Golden, W. E	do 51 00	}
	1	Golden, W. B	do 51 00	1
		Hannah, H. I.	do 50 00	
	ĺ	Helirich, O. L	do 10 00	1
	1	Hopart, Hugh	do	
		Higgins, Max B	do	
	]	Inggari Nobla	do 10 00	1
	}	Inagaki. Nobla	do 90	
	1	Kercher, Otis	.do	ŀ
		Klein, Nancy	.do	
	l	Klein, George M	do	
		Lee, Carrie A.	do	
	l	Mannix, Pauline	do 24 45	
		McVay, T. N	do 65 50	ł
	l	Merideth, Ina	do	
	l	Millizen, Edna	do 11 40	1
		Mitchell, Eva	do	
		Mitchell, Grace	8 70	
	l	Nolson C D	do 70.00	}
	ļ	Nowlin W R	do 26 70	l
		Nawlin C W	do 37 50	
	ľ	Odell. A. A.	-do 76 37	
	l .	Pung, S. C.	do	
		Rand, C. C.	do 60 00	
		Ritchey, R. W	do 23 40	ł
	l	Roberts, Emmett	do	ļ
	i	Scott, E.S	do	1
	Ì	Skemp, S. C	do	
	1	Taylor, W. M	do	[
	ļ	Wagner P P	do 40.50	
	l	Vann I O	do 9 90	
	I	Vates W R	do 13 80	
	l	Zackmire, P.	.do	
953	Sept. 5	O. S. Watkins	Traveling expenses	\$ 20
954	do	Ralph Chaplin	Field expenses	10
955	do	Ralph Chaplin	Traveling expenses	6
956	do	John A. Rumer & Son	Field expenses	18
957	100	/ B' . W . (+9.111E	Traveling and neig expenses	23
958 959		George W. Medley J. H. Checkley Rev. H. S. Maxwell	Field expenses	9 11
960 960	do	Roy H S Maywall	Traveling expensesdo	117
960 961	do	Treasurer, Old Salem Chautauqua	Agricultural instructions	100
962	do	F. M. Simpson	Field expenses.	100
963	do	J. V. Stevenson	Lectures and traveling expenses.	33
964	do	Demonstrators' Assn. of Illinois	Laboratory supplies	40
965	do	Central Electric Co. Truman Fullenwider	Electrical matérials	102
966	do	Truman Fullenwider	Traveling expenses	29
967	do	Orr M. Allyn	do	12
968	do	H. C. Gilkerson	do	13
969	ao	A. Floyd Heck	00	10
970 971	ao	Androw Tornavist	Field expenses	38 37
972	do	T.E. Whitehurch	Traveling avnenge	53
973	do	S V Holt	Field expenses	102
974	do	Illinois Traction System Urbana	Freight	31
975	do	Truman Fullenwider. Orr M. Allyn. H. C. Gilkerson. A. Floyd Heck. F. W. Wascher. Andrew Tornquist. J. E. Whitchurch. S. V. Holt. Illinois Traction System, Urbana. Stipes & Hecker. E. H. Sargent & Co. Morrisson-Plumber Co.	Building materials	13
976	- do	E. H. Sargent & Co.	Laboratory supplies	201
977	do	Morrisson-Plumber Co	Plumbing materials	ii
978	do	Morrisson-Plumper Co. Miller Harness Co. Mallory & Mitchell The Letter Shop Knowlton & Bennett Ideal Electric Co.	Machinery repairs	4
979	do	Mallory & Mitchell	Advertising	643
980	do	The Letter Shop	Typewriting copies	3
981	do	Knowlton & Bennett	General supplies	12
982	do.	Ideal Electric Co	Office equipment	32

о.	Date.	S. E. Huff & Co. Ernst Hertzberg & Sons. Eisner Grocery Co. John H. Doyle D. T. Dobbins T. J. Colvin. City of Chicago. Central Electric Co. E. T. Benjamin. Barnhart Bros. Bacon Bros. Taylor Hardware Co. Woldenberg & Schaar J. W. Butler Paper Co. J. Terquem & Co. Otto Harrassowitz. Flanigan-Pearson Co. Guy Daily. Curtis Publishing Co. Crane Co. Brown Hoisting Machinery Co. Belle City Mfg. Co. Alexander Lumber Co. J. C. Allen. W. D. Allen Mfg. Co. V. D. Anderson Co. W. M. Davis. A. B. Dick Co. Dodge Mfg. Co. Eimer & Amend. Henry A. Dreer. Fairbanks, Morse & Co. Louis Ely & Co. Wm. Fetzer Co. Emil Greiner Co. General Chemical Co. Fuller & Fuller Co. Henry Furermann & Sons. Keuffel & Esser Co. Illinois State Penitentiary. Illinois Paper Box Co. W. A. Hutchenson. Heath & Milligan Mfg. Co. Leavitt Mfg. Co. Kewaunee Mfg. Co. Leavitt Mfg. Co. Kewaunee Mfg. Co. Kewaunee Mfg. Co. Kewaunee Mfg. Co. Kewaunee Mfg. Co. Leavitt Mfg. Co. Kewaunee Mfg. Co. Leavitt Mfg. Co. Kewaunee Mfg. Co. Levalt Mfg. Co. Kewaunee Mfg. Co. Ledder & Probst. Leeds & Northup Co. Modern Tool Co. P. E. McCarthy. American Prison Assn Edgar J. Banks. Boston Book Co. Chivers Book Binding Co. William J. Gerhard Peck & Hills Furniture Co. Richmond Safety Gate Co. C. V. Ritter. Underwood Typewriter Co. Walker & Mulliken R. C. Wagner & Son Wabash Cabinet Co. Twin City Roofing & Sheet Metal Works A. A. Stout. H. A. Slade. Paceles Ralt Lacing Meahing Co.	For what.	Amour
	1913.			
983   984	Sept. 5	S. E. Huff & Co	Building materials	\$326 174
985	do	Figner Greenry Co	Supplies	174
86	do	John H. Dovla	do do	16
87	do	D. T. Dobbins	do	6
88	do	T. J. Colvin	Laboratory supplies	ĭ
989	do	City of Chicago	Inspections	3
990	do	Central Electric Co	Electrical materials	50
91	do	E. T. Benjamin	Machinery repairs	3
992	do	Barnhart Bros	Tools	14 8
93	do	Bacon Bros	Supplies	8
994	do	Taylor Hardware Co	do	6
95	do	Woldenberg & Schaar	Laboratory supplies	275
96	do	J. W. Butler Paper Co	Office supplies	450 29 30
97 j	do	J. Terquem & Co	Books	29
98		Otto Harrassowitz	Daiation & second linking	30
99	do	Flanigan-Pearson Co	Printing & publishing	4
000	qo	Guy Dany	Live stock	15
001		Curtis Publishing Co	Country Gentleman binder	. 1
002		Brown Hoisting Machinery Co	Ruilding motoricle	10 33
004	uo	Bollo City Mfg. Co.	Machinery repairs	33
104	uo	Alexander Lumber Co	Tumber	97
105 106	uo	T C Allen	Supplies	37 2 49
105	uu	W D Allen Mfg Co	Tools	1 40
08	uo	V D Anderson Co	Machinary rangire	48
09	do	W M Davis	Walls	10
10	do	A R Diek Co	Office supplies	10 118
11	do	Dodge Mfg. Co	Laboratory apparatus	39
12	do	B B Donnallay & Sone Co	Fraight charges	18
13	do	Eimar & Amand	Electric lamp for oven	10
14	do	Hanry A Drear	Laboratory apparatus	16
15	do	Fairbanks Morea & Co	Hose	1
16	do	Louis Elv & Co	Machinary rangire	
17	do	Wm Fotzor Co	Spring	1 4
18	uo	Emil Grainer Co	Laboratory supplies	
19	do	Ganaral Chamical Co	do	190
20	do	Fuller & Fuller Co	do	30
21	do	Hanry Fuermann & Sons	Supplies	1
122	do	Keniffel & Esser Co	Laboratory supplies	200
)22 )23	do	Illinois State Penitentiary	Supplies	209
24	do	Illinois Paper Box Co	Paper boxes	20
)24 )25	do	W. A. Hutchenson	Wheat straw	1
)26 )27	do	Heath & Milligan Mfg. Co	Cement coating	1
27	do	Hanovia Chemical & Mfg. Co.	Laboratory supplies	2
28	do	Leavitt Mfg. Co.	Building materials	2
29	do	Kewaunee Mfg. Co	Laboratory apparatus	1
30	do	Ledder & Probst	do	. 7
31	do	Leeds & Northup Co	do	10
32	do	Modern Tool Co	do	10
33	do	P. E. McCarthy	Supplies	
34	do	American Prison Assn	Books	.
35	do	Edgar J. Banks	do	
36	do	Boston Book Co	do	2
37	do	Chivers Book Binding Co	do	.
38	do	William J. Gerhard	do	.
39	do	Peck & Hills Furniture Co	Chair	.}
40 41	do	Richmond Safety Gate Co	Slide gate and equipment	1
141	do	C. V. Ritter	B00KS	. 1
42	do	Underwood Typewriter Co	Platen for No. 5 Typewriter	6
43	do	wing Seed Co	Blue grass	1 6
)44	do	w nitaker Paper Co	suppnes	3
145	ao	w estern Lumper Co	Lumper	. 3
146	ao	vv. vv. vv alis & Co	Dunding materials	1
47		Waiker & Mulliken	Dupplies	1 1
148	ao	Weberk Cobinet Co	Office grampling	. 2
149	ao	wabasi Cabinet Co	Ctowns	. 1:
)50	go	Dryin City Desfine & Chart Martin	Duilding material	40
)51 )52	do	Twin City Rooting & Sheet Metal Works	Building materials	.  :
152	do	Twin City Frinting Co	Time tables for College of Agri	-
150		D A Change	Cutture	. 7
)53	qo	D. A. Strauch	Supplies. Building materials.	
54	do	B. A. Strauch Twin City Roofing & Sheet Metal Works A. A. Stout H. A. Slade. Peerless Belt Lacing Machine Co	Dunding materials	1 10
055	do	A. A. Stout	Oat straw.	- 10
)56	do	H. A. Slade	Baling straw. Supplies. Duty on books.	. 5
057	do	Peerless Belt Lacing Machine CoG. W. Sheldon & Co	supplies	2
058				

) <b>.</b>	Date.	To whom.	For what.	Amoun
	1913.	Sanitary Dairy, L. D. Wilson, Proprietor F. K. Robeson E. P. Reichhelm & Co. John Reichard Remington Typewriter Co. Reliable Plumbing & Heating Co. Jacob Reed's Sons, Inc. Gilbert & Bennett Mfg. Co. C. F. Miller. H. A. Hollister.		
59	Sept. 5	Sanitary Dairy, L. D. Wilson, Proprietor	Supplies	\$ 4
60	do	F. K. Robeson	do	6
61	do	E. P. Reichhelm & Co	Laboratory supplies	26
62	do	John Reichard	Corn	51 3
33	do	Remington Typewriter Co	Office equipment, repairs	3
64	do	Reliable Plumbing & Heating Co	Plumbing	10 285 18
65	do	Jacob Reed's Sons, Inc	Laboratory apparatus	285
66	Sept. 8	Gilbert & Bennett Mfg. Co	Laboratory supplies	18
67	do	C. F. Miller	Traveling expenses Advertising Books	1
88	do	H. A. Hollister	Traveling expenses	12
69	do	The Bulletin of Pharmacy	Advertising	1 7
70	do	New York Botanical Garden	Books	1
71	do	C. W. Phillis	Labor	
72 73	do	Ernst Hertzberg & Sons	Books	150
73	do	Ernst Hertzberg & Sons	Binding books	150
74	Sept. 9	The Black Diamond	Advertising	10
75	do	Charles A. Campbell	Field expenses	34
76 77	do	O. S. Fisher	Traveling expenses	48
77	do	Albert Tate	Field expenses	82
78,	do	H. C. Wheeler	Traveling expenses	42
79	do	K. W. Dickenson	Labor Books Binding books Advertising Field expenses Traveling expenses Field expenses Traveling expenses  do	56
80	do	O. M. McGhee	. do. Field expenses. Traveling expenses.	1 20
81	do	F. W. Garrett	Field expenses	39
82	do	G. F. Miller. H. A. Hollister. The Bulletin of Pharmacy. New York Botanical Garden. C. W. Phillis Ernst Hertzberg & Sons. Ernst Hertzberg & Sons. The Black Diamond. Charles A. Campbell. O. S. Fisher. Albert Tate. H. C. Wheeler. R. W. Dickenson. O. M. McGhee. F. W. Garrett. George M. Hinkley. E. E. Hoskins. F. W. Gault. A. Floyd Heck Harrison Fahrnkopf. H. J. Snider. C. E. Burkhart. W. M. Powell. Wm. Aten, Sr. O. M. McGhee. O. S. Watkins. J. D. White, Clerk. Hon. S. M. Fitch. Illinois State Reformatory. Southern Illinois Penitentiary. D. Shor.	Field expenses Field expenses Field expenses Field expenses dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	10
83	do	E. E. Hoskins	Fleid expenses	53
84	do	F. W. Gault	Traveling expenses	10
85	do	A. Floyd Heck	do	12
86	do	Harrison Fahrnkopi	Field expenses	29
87	do	H. J. Snider	do	51 24
88	do	C. E. Burkhart	do	24
89	do	W. M. Powell	do	68
90	do	Wm. Aten, Sr	do	66
91	do	O. M. McGnee	Traveling expenses	31
92	do	O. S. Watkins	do	18
93	αο	J. D. White, Clerk	stamps	150
94	Sept. 10	Hon. S. M. Fitch	Corporation tax	238 11
95	do	Illinois State Reformatory	Stationery	111
96	ao	Southern Illinois Penitentiary	supplies	26 193
97 98	do	D. Snor	Laboratory supplies	193
98	ao	C. H. Hanson, Inc.	Supplies	24
99	do	Taylor Hardware Co	Machine and a series	24 1 3
00	do	Vonnegut Machinery Co	Machinery repairs	1 3
01		C. A. Donmon	Dainting	115
02 $03$		Pombort Brothers	Supplied	44
03 04		T C Thomas	do	3
0 <del>4</del> 05		C T Tuff & Co	Loddors	3
06 06		To II Songont & Co	Laboratory gunnling	2
00 07		Coder Heimenn Co	Potenty short	5
01 08		Tilinaia Stata Deformatory	Gunnling	30
09	40	Deliable Plumbing & Heating Co	Dlumbing	70
บ9 10	Juu	Twin City Top & Cold Storage Co	Supplies	72 5 55 71
11	do	Wahash R R	Fraight	EE
12	do	C C C & St L Ry Co	do	71
13	Sant 11	Pay roll		1,013
	Lope. II	Anderson I C	Wages Amoust 1913 & 5 00	1, 010
	1 .	Bennett W. L	do 10 00	
	1	Campbell C. A	do 5 00	il
	1 .	Chanman C. C	do 18 87	;
	1	Davis R E	do 04 90	1
	4	Hunter, L. A	do 5 00	
	9	Raynor, W. H.	do 195 45	
	1	Gault, F. W	do 10 00	
	1	Hearmann, Louise B	do 20 00	il ·
	1	Ritter, Sarah M	do	il .
	1	Bodel, Nathan	do 30 00	il
	4	Campbell, Mason	do 45 00	
	d	Cole, H. W	do95_00	
	â	Cole, H. W	do 28 00	), 
	å.	Coles, B. D	do 20 60	il :
	, i	Daniels, John	do 30 00	il
	ž.	Gelda Isok	do 96 67	-
	A	Jensen George	do 16 50	nl .
	1.0	Ambrose, A. S.	do 39 00	il .
	48	Carlson, M. R.	do 36 65	7
	1	Cox. C. G.	do 53 20	
	1	Hon. S. M. Fitch.  Illinois State Reformatory. Southern Illinois Penitentiary. D. Shor. C. H. Hanson, Inc. Taylor Hardware Co. Vonnegut Machinery Co. L. S. Starrett Co. C. A. Denman Barnhart Brothers. J. C. Thomas. S. E. Huff & Co. E. H. Sargent & Co. Goder-Heimann Co. Illinois State Reformatory. Reliable Plumbing & Heating Co. Twin City Ice & Cold Storage Co. Wabash R. R. C., C., C. & St. L. Ry. Co. Pay roll. Anderson, J. C. Bennett, W. L. Campboll, C. A. Chapman, C. C. Davis, R. E. Hunter, L. A. Raynor, W. H. Gault, F. W. Heermann, Louise B. Ritter, Sarah M. Bodel, Nathan Campbell, Mason. Cole, H. W. Cole, B. D. Daniels, John Gelda, Isok. Jensen, George Ambrose, A. S. Carlson, M. R. Cox, C. G. Daisey, E. A. English, H. M. Gregory, P. T.	do	)
	100	English H. M	do	il .

ю.	Date.	To whom.	For what.	Amou
	1913.	Leriche, Willis Lyons, R. J. Lyons, R. J. McKaskill, K. A Rant, Alfred Warinner, C. W Wilford, Robert. Boonstra, S. P. Champaign Steam Laundry William Sullivan. V. A. Place. Alfred Raut. Herbert A. Cate E. A. Eichhorst Illinois State Reformatory. Commerical Telephone & Telegraph Co. Engineering Magazine. H. W. Wilson Co. Meyer Brothers, Druggist. National Assn. of Retail Druggists. Woldenberg & Schaar. L. C. Smith & Bros. Typewriter Co. O. E. Staples, Bursar A. R. Knight. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. S		
1.3	Sept. 11	Leriche, Willis	. Wages, August, 1913 \$ 3 50	
ld.		Lyons, R. J	do	
	1	McKaskill, K. A	. do	
		Rant, Alfred	. do	
		Warinner, C. W	. do	٠.
		Wilford, Robert	. do 45 00	
		Boonstra, S. P	do	
114	do	Champaign Steam Laundry	Laundry	\$ 3 400
115	do	William Sullivan	Payment of rent	400
116	ao	V. A. Place	Traveling expenses	4
17	ao	Alfred Raut	do	8
18	ao	Herbert A. Cate	. do	14 7
19	do	E. A. Eichhorst	Machine repairs	7
20	do	Illinois State Reformatory	Postal cards	6
21	do	Commerical Telephone & Telegraph Co.	Telephone rent	5 4 7 15
22	do	Engineering Magazine	Advertising	4
23	do	H. W. Wilson Co	Books	7
24	do	Mever Brothers, Druggist	Advertising	15
25	do	National Assn. of Retail Druggists	Laboratory supplies	28 128
26	do	Woldenberg & Schaar	Laboratory supplies	128
27	do	L. C. Smith & Bros. Typewriter Co	Rent on typewriters	105 105 17 536 501 88
28	Sept. 12	O. E. Staples Bursar	Express hills paid in each	10
28 29	đo. 12	A R Knight	Traveling avnances	17
.30	do	O E Stanles Burger	Pay roll poid in each	E94
.31	40	O E Stanles Burger	do do la para in casii	550
32	1uo	O. E. Staples, Dursar	Dotter bills moid in cont	901
.02	ant in	U. E. Staples, Dursar	Petty bills paid in cash Cards Services. Typewriting Machine repairs Laboratory apparatus Salt. Laboratory suppliesdo. Machine repairs Laboratory supplies. Laboratory supplies. Laboratory apparatus Building materials Laboratory apparatus Circulars. Repairs Window squgees. Supplies. Whide cards Supplies. White cards Laboratory supplies. Laboratory apparatus Circulars. Repairs Window squgees. Supplies. White cards Laboratory apparatus Chemists triangles. Plumbing materials Laboratory apparatus Chemists triangles. Plumbing materials. Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laboratory apparatus Laborator	88
33	pept. 13	U. S. Department of Agriculture	Cards	2
34	do	Champaign County Abstract Co	Services	4
35	do	The Letter Shop	. Typewriting	8
36	do	E. M. Moll	Machine repairs	2 4 9 2 7
37	do	Ledder & Probst	Laboratory apparatus	7
38	do	Eisner Grocery Co	Salt	2
39	do	Eimer & Amend	Laboratory supplies	37
40	do	Harshaw-Fuller-Goodwin Co.	do	37
41	do	Leavitt Mfg Co	Machine renairs	,
42	do	Carborundum Co	Laboratory cumplies	26
143	do	Samual Harris & Co	Laboratory appropriation	25
L44	do	C H Paddook Lumber Co	Building meterials	25 23
145	40	Machinista Cunnin Co	T oborotory opporation	1 20
140	do	Illinois Drinting Co	Cinculars	270
l46 l47		Translan Disasting Co	Den sins	2/
140		Diddiend Dass	Title days a service	
148		Riddhord Bros	window squgees	
L49	qo	Fuller & Fuller Co	Supplies	}
50		Remington Typewriter Co	Rental of typewriter	
51	ao	Stevens, Maloney & Co	Office supplies	15
52	do	Library Bureau	White cards	10
53	do	Scientific Materials Co	Laboratory supplies	38
54	do	Enterprise Electric Co	Laboratory apparatus	140
55	do	Hoskins Mfg. Co	Chemists triangles	8
.56	do	Johnson Bros	Plumbing materials	18 18 10 38 140 15 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10
57	do	A. W. Stoolman	Labor	91
58	do	Atlas School Supply Co	Blackboards	2.
59	do	Ashcroft Mfg. Co	Charts	10
60	do	Automatic Electric Co	Electrical materials	1 5
61	do	Shaw-Walker Co	Office supplies	66 3 2 3 12 11
62	do	Burke & James	Laboratory apparatus	ļ. °
63	40	The American City	Library supplies	
64	40	C Cromor Dry Ploto Co	Supplies	1 6
65		Zonner Diginfostent Co	- Buppines	1 46
60		Nother D. Cherros	Dhotos & Juniostos	12
66	ao	Automatic Electric Co. Shaw-Walker Co. Burke & James. The American City G. Cramer Dry Plate Co. Zenner Disinfectant Co. Nathan R. Graves. American Berkshire Assn.	rnotos & dupilcates	1 1
67	do	American Berksnire Assn	Entry lees and blanks	15
68	do	H.J. Snider	Traveling expenses	
.69	do	A. F. Gustafson	do	19
70	do	Harry C. Gilkerson	- do	22
71	do	C. C. Logan	. do	18
72 73	do	R. W. Dickenson	. do	40
73	do	Frank Morgan	Field expenses	70
74	do	F. W. Wascher	Traveling expenses	19 19 22 18 40 70 42
75	do	H. C. Wheeler		34
76	do	S. V. Volt	do	KC
77	40	Malvin Thomas	do	0.2
70	40	Fred Realzelmen	Travaling avnances and convices	49
178 179	40	E A Doorgon	Traveling expenses and services	1,
100	K.do	Tohn C. Magne Connection	Liavening expenses	15
180	J ao	JULIE C. MOORE Corporation	Onice supplies	13
181	do	J. J. Keith	Urning water well	72
182	do	Hunter, Rourke & Co	Laboratory apparatus	8
183	do	Admerican Berkshire Assn. H. J. Snider. A. F. Gustafson Harry C. Gilkerson. C. C. Logan. R. W. Dickenson Frank Morgan F. W. Wascher H. C. Wheeler S. V. Volt. Melvin Thomas Fred Bockelman F. A. Pearson John C. Moore Corporation J. J. Keith Hunter, Rourke & Co. V. Meller & Co. Mittendorf & Kiler Morrisson, Plummer & Co.	DeVilbiss vaginal speculum	524 24 17 19 18 72 3
184	do	Mittendorf & Kiler	Office supplies	5
185			100 ** **	

То.	Date.	To whom.	For what.	Amou
	1913.			
186	Sept. 13	Flanigan-Pearson Co	Office supplies	\$ 6
$\frac{187}{188}$	do	Geo. B. Carpenter & Co	Supplies	34
189	do	Alexander Lumber Co	Supplies Wagon repairs Lumber Screen wires	\$ 6 34 24 18
190	do	Chas A Hall Hardware Co	Screen wires	12
191	do	Flanigan-Pearson Co. Geó. B. Carpenter & Co. Frison Bros. Carriage Shop. Alexander Lumber Co. Chas. A. Hall Hardware Co. Knowlton & Bennett. American Multigraph Sales Co. R. Friedlander & Sohn.	Glass. Office supplies. Books.	15
192	1do	American Multigraph Sales Co	Office supplies	18 78
193	do	R. Friedlander & Sohn	Books	ii
194	do	Luzac & Co	do	
195	do	G. E. Stechert & Co	dodo	18 36
196	do	Otto Harrassowitz	do	36
197	do	Pickering & Chatto	do	2
198	do	Paul Gottschalk	do do	1 94
199	do	Boston Book Co		76
200 201	do	Locard Brown		70
201		Morting Nijb of	do	29
202 203	do	Tohn H. Dowle	Office gumplies	28
204	do	Twin City Ice & Cold Storage Co.	Supplies	
205	do	C C Short	Field expenses	6
206	do	Strauch Kodak Finishing Shop	. do	52
207	do	Taylor Hardware Co.	Building materials	52 102 654
208	do	C. A. Denman	do	654
209	do	American Multigraph Sales Co. R. Friedlander & Sohn. Luzac & Co. G. E. Stechert & Co. Otto Harrassowitz. Pickering & Chatto. Paul Gottschalk. Boston Book Co. B. F. Stevens & Brown Joseph Baer & Co. Martinus Nijhoff John H. Doyle. Twin City Ice & Cold Storage Co. C. Short. Strauch Kodak Finishing Shop. Taylor Hardware Co. C. A. Denman. D. H. Lloyde. S. E. Huff & Co. Illinois State Reformatory. Reliable Plumbing & Heating Co. E. Davenport. A. S. Nelson & Sons. J. C. Thomas. W. Lewis & Co. General Electric Co. American Steel & Wire Co. Alfred Bergren Western Union Telegraph Co. C., C., C. & St. L. Ry. Co. The Wabash R. R. J. E. Whitchurch. Chass. A. Campbell. Harrison Fahrnkopf. J. G. Mosier. A. Floyd Heck.	do Supplies	13
210	.do	S. E. Huff & Co	Fixtures Envelopes tension	31
211	do	Illinois State Reformatory	Envelopes tension	654 13 31 164 40 30
212	do	Reliable Plumbing & Heating Co.	Plumbing . Traveling expenses . Supplies do .	40
213	do	E. Davenport	Traveling expenses	30
214	do	A. S. Nelson & Sons	Supplies	
215	do	J. C. Thomas	do	
216	do	W. Lewis & Co	do	45 266 28
217	do	General Electric Co.	Laboratory apparatus. Fencing. Field expenses Services. Freight.	45
218	do	American Steel & Wire Co	Fencing	266
219	Sept. 15	Alired Bergren	Field expenses	28
$\frac{220}{221}$	do	western Union Telegraph Co	Services	39 110 58
$\frac{221}{222}$	ao	Who Wabash D. B.	Freignt	38
223		T E Whitehard	Marraling armanag	110
223 224		Chag A Campbell	Freightdodo Traveling expenses Field expensesdo Traveling expenses Frield expensesdo	97
225	do	Harrison Fahrnkonf	do	31
226	do	I G Mosier	Traveling expenses	24
227	do	Harrison Fahrnkopf. J. G. Mosier. A. Floyd Heck. F. W. Garrett. A. L. Moats. H. B. Dorner. B. S. Packett. J. Bowman. Flora Lumber Co. J. Bowman.	Field expenses	18 38
22X	do	F. W. Garrett	do	3
229 230	do	A. L. Moats	do	26 42
230	do	H. B. Dorner	Traveling expenses	42
231	do	B. S. Packett	do	10
232	do	J. Bowman	Farm machinery	10
233	do	Flora Lumber Co	Building materials	(
234	do	J. Bowman	Well	19 38 19
235	do	The Druggists' Circular	Advertising	38
236	do	E. A. Wnite	Traveling expenses	12
237	Sept. 16	Hoosier Storage Battery Co	Field expenses	- 76
238	do	W. H. SHIII	dodododododododododododododododododododododododododododododododododododododododododododododododo	10
39	<u>a</u> o	W. F. Halldschin	Traveling expenses and services. Traveling expenses .dodo.	13
240 241	do	F W Carrett	Traveling expenses and services	1 .3
74.0	do	Harry C. Gilkerson	do	18
242 243	do	Robert W. Stark	do	1
244	do	F. A. Haines	Rent	718
245	do	George Strode.	Rent. Awnings Building materials Walks	
246	do	Ludowici-Celadon Co	Building materials	282
247	do	E. W. Maynard	Walks	313
248	do	Electric Coal Co	Coal.	987
249 250	Sept. 17	J. W. Butler Paper Co	Office supplies	33
250	do	Whitall-Tatum Co	Office supplies Laboratory supplies Application for registration Rubber apron	42
251	do	American Guernsey Cattle Club	Application for registration	4
252	do	Creamery Package Mfg. Co	Rupper apron	]
253	do	Detroit Graphite Co	Paint	282 313 987 33 42
254	do	Heliry F. Michell	Supplies	19
255	do	Twin City Bindery & Blank Book Co	Newspaper noiders	1
256	ao	J. Bowman. Flora Lumber Co. J. Bowman. The Druggists' Circular E. A. White. Hoosier Storage Battery Co. W. H. Smith. W. F. Handschin. J. F. Gillespie. F. W. Garrett. Harry C. Gilkerson. Robert W. Stark. F. A. Haines George Strode. Ludowici-Celadom Co. E. W. Maynard. Electric Coal Co. J. W. Butler Paper Co. Whitall-Tatum Co. American Guernsey Cattle Club Creamery Package Mfg. Co. Detroit Graphite Co. Henry F. Michell Twin City Bindery & Blank Book Co. Library Bureau. Atlas Ball Co. Hoskins Mfg. Co. Standard Oil Co. Royersford Foundry & Machine Co. Hisey-Wolf Machine Co.	Rubber apron Paint Supplies Newspaper holders Supplies Laboratory apparatus Apparatus repairs Supplies Sells roller bearing Apparatus repairs Laboratory supplies Supplies Apparatus repairs Laboratory supplies Supplies Apparatus repairs	18 18 64 40
257 258	ao	Hosking Mfg. Co.	Apparatus ropairs	04
258 259	uo	Standard Oil Co	Supplies	1 . 1
260	uo	Roversford Foundry & Machine Co	Salls roller hearing	1 1
$\frac{260}{261}$	o	Standard Toundry & Machine Co Hisey-Wolf Machine Co Crucible Steel Co. of America. National Malleable Castings Co. Westerlin & Campbell Co.	Annaratus renairs	4
262	do	Crucible Steel Co. of America	Laboratory supplies	2
263	do	National Malleable Castings Co	Supplies	1 5
			Apparatus repairs	

	Date.	To whom.	For what.	Amou
	1913.	International Press Clipping Bureau Riddiford Bros Remingtom Typewriter Co. Central Marine Works V Mueller & Co Physicians' Supply and Drug Co. Chicago Towel Co F. J. Burns & Co. Mrs. C. A. McClaey. Chicago Telephone Co. Hamblev Plumbing Co. Consumers Co. Saffell Co. Geo. B. Carpenter & Co. Truman Fullenwider. F. W. Wascher. O. M. McGhee. R. E. Augustus. Watson Faulkner. J. B. Ford Co. Standard Oil Co. E. G. Mendenhall. Craftsman Publishing Co. Eugene Dietzgen Co. Frank Zencher. Waukesha Mig. Co. F. M. Leslie. Davis Milk Machinery Co. Missouri Belting Co. Louden Machinery Co. Missouri Belting Co. Louden Machinery Co.		
5	Sept. 17	International Press Clipping Bureau	Clippings service	\$ 5
6	do	Riddiford Bros	Supplies	57
7	do	Remington Typewriter Co	Repairs	1
8	do	Central Marine Works	Services	9
9	do	V. Mueller & Co	Supplies	266
0	do	Physicians' Supply and Drug Co	do	3
1	do	Chicago Towel Co	do	24
2	do	F. J. Burns & Co	Live frogs	1
3	do	Mrs. C. A. McClaey	Hand towels	10
4	do	Chicago Telephone Co	Services	11
5	do	Hamblev Plumbing Co	Plumbing	21
6	do	Consumers Co	Book of ice coupons	13
7	do	Saffell Co	Supplies	3
8	do	Geo. B. Carpenter & Co	do	l €
9	do	Truman Fullenwider	Traveling expenses	33
0	do	F. W. Wascher	do	43
1	do	O. M. McGhee	do	13
2	do	R. E. Augustus	do	8
3	do	Watson Faulkner	Linseed oil	j
4	do	J. B. Ford Co	Supplies	25
5	do	Standard Oil Co	do	6
6	do	E. G. Mendenhall	Machinery	25
7	do	Craftsman Publishing Co	Subscription	3
8	do	Eugene Dietzgen Co	Furniture	28
9	do	Frank Zencher	Machine repairs	j
Ô	do	Waukesha Mfg. Co	Supplies	8
1	do	F. M. Leslie	do	1
2	do	Davis Milk Machinery Co	Bottle filler	40
3	do	White Hall Sewer Pipe & Stoneware Co.	Building materials	1 8
4	do	A. S. Nelson & Sons	Supplies	8
5	do	A. S. Nelson & Sons Missouri Belting Co. Louden Machinery Co. Ely Repair Co. Geo. B. Carpenter & Co. Hunter, Rourke & Co. American Pulley Co. Central Electric Co. Tuttle & Clark. R. W. Braithwaite, V. S. C. W. Rolfe. Western Roofing & Supply Co. W. W. Walls & Co. Dust-All Mig. Co. National Engraving Co. Western Lumber Co. Prof. James E. Armstrong. American Hampshire Sheep Assn Cook & Chick Co. Gane Brothers & Co. Luter Ocean Newspaper Co.	Apparatus repairs	14
6	do	Louden Machinery Co	Metal manger	8
7	do	Ely Repair Co	Building materials	3
8	do	Geo. B. Carpenter & Co	Machinery repairs	2
9	do	Hunter, Rourke & Co	do	4
0	do	American Pulley Co	Laboratory apparatus	4
1	do	Central Electric Co	Electrical materials	8
2	do	Tuttle & Clark	Farm machinery	57
3	do	R. W. Braithwaite, V. S	Services	1
4	do	C. W. Rolfe	Live stock	46
5	do	Western Roofing & Supply Co	Laboratory apparatus	(
6	do	W. W. Walls & Co	Building materials	25
7	do	Dust-All Mfg. Co	Supplies	20
8	do	National Engraving Co	Zinc etchings	2
9	do	Western Lumber Co	Lumber	1
0	do	Prof. James E. Armstrong	Services	2
1	do	American Hampshire Sheep Assn	Recording sheep	1 7
2	do	Cook & Chick Co	Repairing pipe and sterilizer valve	
3	do	Gane Brothers & Co	Straw boards	1 14
4	do	Inter Ocean Newspaper Co	Advertising	40
5	do	Maas Brothers	Supplies	49
6	do	Illinois Medical Journal	Advertising	3
7	do\	Kansen's Express and Van Co	Services	;
8	do	V. Mueller & Co	Scissors sharpened	
9	do	Central Scientific Co	Acetamide	
0	do	Morrison Plumber Co	Supplies	4:
1	do	Fuller & Fuller Co	do	29
2	do	Woldenberg & Schaar	Laboratory supplies	1
3	do	Joseph Alexander	Heat and light supplies	2
4	do	Gaylord Bros	Pamphiet binders	19
5	do	Gane Brothers & Co  Mass Brothers  Illinois Medical Journal  Kansen's Express and Van Co  V. Mueller & Co  Central Scientific Co  Morrison Plumber Co  Fuller & Fuller Co  Woldenberg & Schaar  Joseph Alexander  Gaylord Bros  Keuffel & Esser Co, of New York  National Drain Tile Co  General Electric Co	Laboratory supplies	1
6	do	National Drain Tile Co	prams	90
7	do	General Electric Co	Fans	3
8	do	G. C. Willis	sign cloth	
9	do	General Electric Co.  G. C. Willis.  Fairbanks, Morse & Co.  Williams Bros.  Central Electric Co.  Chas. A. Hall Hardware Co.	Grain testers	6
0	do	williams Bros	Building materials	1
1	do	Central Electric Co	Laboratory apparatus	1 1
2	do	Cnas. A. Hall Hardware Co	Hand axe	
3	do	A. C. McClurg & Co	supplies	1
4	do	william H. Guild & Co	ao	
5	do	A. C. McClurg & Co. William H. Guild & Co. Walker Vehicle Co.	Equipment repairs	12
6				1 5
37	do	Crane Co.	Plumbing	7
8	do	Brown & Sharpe Mig. Co	Laporatory apparatus	9
19	do	Joseph T. Ryerson & Son	Laboratory supplies	14
0	do	Crane Co. Brown & Sharpe Mfg. Co. Joseph T. Ryerson & Son. Mittendorf & Kiler	Supplies	120 51 73 93 146 36 76 44
1	do	G. E. Stechert & Co. A. C. McClurg & Co. Leavitt Mfg. Co.	B00KS	7
12	do	A. C. McClurg & Co	. do	4
13		II correct Mfg. Co.	Building materials	1 19

0.	Date.	Mallory & Mitchell A. H. Barbar Creamery Sypply Co. Meyer & Wenthe. Bacon Brothers. Twin City Roofing & Sheet Metal Works The Tablet & Ticket Co. Flanigan-Pearson Co. W. Lewis & Co. Percival & Moorehead. Creamery Package Mfg. Co. Ernst Hertzzrg & Sons. C., C., C. & St. L. Ry. Co. Illinois Central R. R. Co. The Wabash R. R. P. J. Foley. Carson-Payson Co. Metzler & Schafer Co. John H. Doyle D. H. Lloyde E. H. Sargent & Co. Reliable Plumbing & Heating Co. S. E. Huff & Co. Miller Harness Co. F. K. Robeson Illinois State Reformatory. Alexander Lumber Co. Twin City Ice & Cold Storage Co. Champaign Steam Laundry. Barnhart Brothers Burr Co. U. of I. Supply Store. P. Adams. W. M. Taylor B. S. Pickett. Alfred J Gunderson Augusta D. Evans. A. W. Nolan. The Beardsley Hotel. The Carborundum Co. Harris-Dillavou Co. Twin City Ice & Cold Storage Co. Automatic Electric Co. Westinghouse Electric & Mfg. Co. Eastman Kodak Co. Alex Harmon & Son. Frank Price. A. C. McClurg & Co. White Steam Laundry. Twin City Roofing & Sheet Metal Works National Engineer. Graton & Knight Mfg. Co. Trice & Lynch G. E. Stechert & Co. Paul Gottschalk Meyer Y. Wenthe. J. W. Butler Paper Co. Eininer & Amend. E. H. Sargent & Co. G. W. Sheldon & Co. Knowlton & Bennett Central Electric Co. Hearnhart Brothers Urbana Courier Co. E. H. Sargent & Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg. Co. Bryan-Marsh Electric Works Veeder Mfg	For what.	Amoun
	1913.		Angle Colored Color Color	
344	Sept. 17	Mallory & Mitchell	Advertising	\$ 88 23 7
345	do	A. H. Barbar Creamery Sypply Co	Laboratory apparatus	23
346	do	Meyer & Wenthe	Office supplies	7
347 348	ao	Twin City Doofing & Shoot Motel Works	Building motorials	28
349	do	The Tehlet & Ticket Co	Office supplies	9
150	do	Flanigan-Pearson Co	1 do	37
350 351	do	W. Lewis & Co	Supplies	6
352	do	Percival & Moorehead	do	18
353	do	Creamery Package Mfg. Co	do	88
354	do	Ernst Hertzzrg & Sons	Binding books	172
355	do	C., C., C. & St. L. Ry. Co	Freight	27
356	do	Illinois Central R. R. Co	do	25
357	qo	The wapash R. R		10
58 59		Corgon Dovigon Co	Moving norticultural greenhouses	2, 240
60	do	Motelor & Schofor Co	Cumplies	41
61		Tohn H Doyla	do do	15
62	do	D H Lloyde	do	11
63	do	E. H. Sargent & Co	Laboratory supplies	167
63 64	do	Reliable Plumbing & Heating Co	Plumbing	28 6 6 18 18 172 25 10 2, 240 21 11 11 11 11 128 7 8 8 1 1 10 11 11 11 11 11 11 11 11 11 11 11
65	do	S. E. Huff & Co	Building materials	20
66	do	Miller Harness Co	Supplies	l i
67	do	F. K. Robeson	Laboratory supplies	11
68	do	Illinois State Reformatory	Printing	128
69	do	Alexander Lumber Co	Supplies	7
70	do	Twin City Ice & Cold Storage Co	[do	8
71	Sept. 18	Champaign Steam Laundry	Laundry	1
72 73	ao	Barnhart Brothers	Building materials	3
73	ao	Burr CO	Supplies	36
74		D. Adama	Taban	20
75	do	W. M. Toylor	Drawling avnerge	101
76 77	do	D C Dielrott	Traveling expenses	12
78	uo	Alfred I Gundargon	do	29
270	do	Angusto D. Evens	do	20
79 80	do	A W Nolan	do	10
81	do	The Beardsley Hotel	Entertainment	2
81 82	do	The Carborundum Co.	Supplies	โ
83	do	Harris-Dillavou Co	-do	13
84	do	Twin City Ice & Cold Storage Co	do	4
85	do	Automatic Electric Co	First selector	15
86 87	do	Westinghouse Electric & Mfg. Co	Repairs	1
87	do	Eastman Kodak Co	Laboratory apparatus	14
88 89	do	Alex Harmon & Son	Field expenses	14
89	qo	Frank Price	Painting	146
90	do	A. C. McClurg & Co	BOOKS	1
91	do	White Steam Laundry	Laundry	1 15 6
92	do	National Engineer	Adventising	9
93 94		Groton & Knight Mfg Co	Annoratus ronoirs	1 2
95	do	Ties & Lynch	Evnanced	17
96	do	G E Stechert & Co	Books	1 11
97	do	Paul Gottschalk	do	3 17 11 7 2 232 91 244 53
97 98	do	Meyer Y. Wenthe	Office supplies	2
99	do	J. W. Butler Paper Co	do	232
00	do	Eimer & Amend	Laboratory supplies	91
01	do	E. H. Sargent & Co	do	244
02	do	G. W. Sheldon & Co	Duty on books	53
03	do	Knowiton & Bennett	Supplies	1
04	do	Central Electric Co	Electrical supplies	3 11
05	do	Alexander Lumber Co	Laboratory apparatus	11
06	do	Florigan Reagen Co	Frinting	001
07 08	uo	D II I lordo	Cumpling	201
08	uo	Snalding & Onirk	do .	1
10	do	Frederick Post Co	do	6 201 6 1
11	do	Bryan-Marsh Electric Works	do	25
12	do	Veeder Mfg. Co.	Laboratory apparatus	35 1
13	do.	Barnhart Brothers	Supplies	2
14	do.	Urbana Courier Co.	Advertising	15
15	do	E. H. Sargent & Co.	Laboratory supplies	69
16	do	F. K. Robeson	Supplies.	. 6
17	do	Flanigan-Pearson Co.	Printing and publishing	304
118	. do	Joseph Schmelik	Wages	2 15 69 6 304 24 18 7 2
119	. do	William Imhoff	do	18
120	do	Frank J. Shalik	do	7
21	do	W. Imhoff. Bert D. Coles.	do	2
122		Dank D. Calan	do	1 7

0,	Date.	R. W. Dickenson. S. V. Holt. F. W. Gault. H. E. Hoskins O. S. Fisher. C. G. Hopkins. C. C. Logan. Harrison Fahrnkopf. A. Floyd Heck. Eugene Dietzgen Co. Champaign Seed Co. Chester M. Whitney. Irwine W. Maxwell. W. F. Hardy Twin City Roofing & Sheet Metal Works Electric Appliance Co. Hoskins Mfg. Co. J. Heffeman & Son. F. A. Hawley. John Reichard. The Silver Mfg. Co. Dryer & Burt. Frank Bireley. Zenner Disinfectant Co. Imperial Cotto Milling Co. Illinois State Reformatory. American Multigraph Sales Co. Morse Chain Co. Dodge Mfg. Co. U. S. Reduction Co. Cochrane-Bly Co. Gustav Fock. Tice & Lynch. McKey & Poague. American Boiler Welding Co. C. W. Johnson. Babcock & Wilcox Co. Wilson Brothers. John Schroeder Lumber Co. Molntosh Stereopticon Co. Bacon Brothers. John Schroeder Lumber Co. Molntosh Stereopticon Co. Bacon Brothers. L. G. Hubbard. Dallenbach Brothers. Fred C. Hubbard. Williams Brothers. A. H. Barber Creamery Supply Co. Benedict Wrench Co. Walker & Mullik en. Mittendorf & Kiler. Percival & Moorehead Eisner Grocery Co. Lansing Co. G. Gennert. H. Swannell & Son. Central Electric Co. Chicago Retort & Fire Brick Co. Reliable Plumbing & Heating Co. Alexander Lumber Co. Tablet & Ticket Co. Trablet & Ticket Co. Trablet & Ticket Co. The Letter Shop. Spaulding & Quirk Barnhart Brothers. Chester Horseshoeing Shop Meyer & Wenthe. Taylor Hardware Co. Chas A. Hall Hardware Co. Twin City Printing Co. Chans H. Uarter. A. S. Ambrose. G. Cramer Dry Plate Co. Scudamore Brothers.	For what.	Amour
	1913.			
23	Sept. 19	R. W. Dickenson	Traveling expenses	\$ 43
24	do	S. V. Holt	. do . do . do . Field expenses Drains, farm buildings Traveling expenses do . Field expenses Traveling expenses Laboratory supplies Seed Supplies Feeding supplies Supplies Labor and building material Laboratory apparatus do	44
25	do	F. W. Gault	do	13
26	do	H. E. HOSKINS	Project forms besitely	35
27	do	O. S. Fisher	Crarreling armanag	383 21
28	do	C. G. Hopkins	Traveling expenses	21
29	ao	U. U. Logan	Field ownerses	22 23 13
30		A Tilona Tanrikopi	Traveling orranges	23
31		Eugana Dietagen Co	Laboratory supplies	19
32		Champaign Sand Co	Good	11
33		Charten M. Whitney	Supplies	
34 35		Travino W. Morwell	Fanding supplies	106
36	do	W To Words	Supplies	106 20
197	uo	Twin City Poofing & Shoot Motel Works	Labor and building meterial	6
37 38		Floatria Appliance Co	Laboratory enperatus	21
139		Hodring Mfg. Co.	do	21
140	do	T Hoffeman & Son	Laboratory supplies. Concrete work. Corn.	,
140		E A Torrior	Congrete work	36
141 142	αο	F. A. Hawley	Concrete work	30
142	do	John Reichard	A manatag manajag	420 37
43	ao	The Silver Mig. Co	Apparatus repairs	37
144		Eronic Birolog	Strong	211 157
45	ao	Zonnar Diginfoctant Co	Supplies	15%
46	ao	Zenner Disinlectant Co	Laboratory supplies Concrete work Corn Apparatus repairs Corn Straw Supplies Feeding supplies Feeding supplies Printing Supplies Laboratory apparatus do Laboratory apparatus Books Expenses Rent Machinery repairs do Traveling expenses Supplies Laboratory supplies Laboratory supplies Expenses Rent Machinery repairs do do Traveling expenses Supplies Supplies Laboratory supplies Supplies Alfalfa Building materials Apparatus repairs Tools Fixtures Curtain rods and fixtures Fencing Supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies do Electric materials	113
47	qo	Imperial Cotto Miling Co	Printing	113
48	do	American Multigraph Calago	Cumplies	1
49	do	American Multigraph Sales Co	Supplies	1 .
50	do	Morse Cham Co	Laboratory apparatus	41
51 52	qo	Dodge Mig. Co	Tabanatany armalias	41 10 52 11
102	ao	Cashama Plan Ca	Laboratory supplies	1 52
53	do	Cochrane-Bly Co	Laboratory apparatus	111
54	do	Gustav Fock	DOOKS	15,000
155	ao	Tice & Lynch	Expenses	350 500 70
56	ao	McKey & Poague	Kent.	500
57	ao	American Boller welding Co	Machinery repairs	1 7
58 59	ao	C. W. Johnson		17
199	ao	Badcock & Wilcox Co		1 12
160	do	Wilson Brothers	Traveling expenses	32
161	do	John Schroeder Lumber Co	Supplies	32
162	do	McIntosh Stereopticon Co	Laboratory supplies	1 5
163	do	Bacon Brothers	. louppines	-
164	ao	D. G. Hubbard	T ob anotony armalian	284
165	ao	Danenbach Brothers	Alfalfa	1 0
166	ao	Fred C. Hubbard	Duilding motorials	36
167	qo	Williams Drothers	Apparetus reneirs	74 22 10
168	ao	A. H. Barber Creamery Supply Co	Apparatus repairs	22
169	qo	Mallen & Mallilan	Tirrturas	1 1
170 171	do	Wittendorf & William	Curtain rode and fixtures	14
170	ao	Denoised & Macachaed	Foreing	1 :
172 173	<u>d</u> o	Figure Crossey Co	Gunnline	
174	Juo	Longing Co	Lahoratory apperetus	14
175	Juo	G Connert	Laboratory supplies	10
176	Jdo	U Swannall & Son	do	1 1
177	do	Cantrol Electric Co	Electric materials	10
178	1do	Chicago Retort & Fire Rries Co	Laboratory supplies do do Electric materials Machinery repairs Plumbing Fencing Office supplies Clerical assistance Laboratory apparatus Supplies Field expenses Office supplies Building materials Supplies Supplies	100 133
170	do	Raliable Plumbing & Heating Co	Plumbing	100
79 80	do	Alayandar Lumbar Co	Fencing	36 143
181	do	Tablet & Ticket Co	Office supplies	144
82	do	The Letter Shop	Clarical assistance	3
83	do	Spaulding & Ouirk	Laboratory apparatus	1 3
84	do	Rornhart Brothers	Sunnlies	
85	do	Chester Horseshoeing Shop	Field expenses	5
86	do	Mayor & Wantha	Office supplies	1 36
27	40	Taylor Hardware Co	Building materials	94
87 88	do	Chas A. Hall Hardware Co	Supplies	17
89	do	Twin City Printing Co	Office supplies	1
90	do	Champaign Steam Laundry	Supplies Office supplies Laundry	1 00
91	40	II of I Supply Store	Office supplies	29 10
92	do	The Burr Co.	Machinery renairs	56
193	do	Mallory & Mitchell	Advertising	100
194	do	Chicago Examiner	do	400 161
195	40	Demonstrators' Assn	Expenses	201
196	40	Inter Ocean Newspaper Co	Advertising	20 68
197	do	Tamas H Cartar	Field expenses	90
ĺΩΩ	40	I. A Hunter	Traveling and field avnances	82 14
198 199	40	G. Cramer Dry Plate Co. Scudamore Brothers.	Office supplies Laundry. Office supplies. Machinery repairs. Advertising	1 19
00	do	G Cramer Dry Plate Co	Laboratory supplies	
501	dc	Sandamora Brothers	Supplies	2
/1	1UU	houramore promore		1 2

Date.	To whom.	For what.	Amou
1913.			
	A. J. Gahan	Setting tires	\$ 8
do	Weston Electrical Instrument Co		13 17
Sept. 22	Hunter, Rourke & Co	Building materials	17
do	George M. Hinkley	Traveling expenses	16
do	weston Electrical Instrument Co. Hunter, Rourke & Co. George M. Hinkley Robert W. Stark Truman Fullenwider E. B. Walton Warren A. Ruth	Field expenses	16 28 25 89
ldo	Truman Fullenwider	Traveling expenses	25
do	E. B. Walton Warren A. Ruth J. J. Yoke. Mrs. E. B. Walton Pay roll Filbey, E. J. James, Edmund J. Frazer, George E. Smith, Adelle C. Fiero, E. E. Warnock, A. R. Kyle, Martha J. Hollister, H. A. Carson, H. Y. Kelley, R. L. Rice, G. B. White, J. M. Davenport, Eugene. Rietz, H. L. Roberts, Elmer. Evans, Augusta D. Checkley, J. H. Jamison, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H. Allyn, Orr. Aumer, J. P. Bauer, F. C. Binding, L. R. Clevenger, C. D. Dickerson, I. W.	Field expenses Traveling expenses	88
do	Warren A. Ruth	Traveling expenses	1 8
do	J. J. Yoke	do	1 02
do	Mrs. E. B. Walton	Field expenses	76
do	Pay roll		
1	Filbey, E. J	Salary, September, 1914 \$ 183 33 do 1,000 00 do 300 00 do 60 00 do 60 00	1
1	James, Edmund J	do	l l
1	Frazer, George E	do 300 00	
ì	Smith, Adelle C	do 60 00	1
1	Fiero, E. E	do 50 00	1
1	Warnock, A. R	do 150 00	1
1	Kyle, Martha J	do 50 00	1
1	Hollister, H. A	do 270 83	il.
	Carson, H. Y	do 125 00	1
1	Kellev, R. L.	do 100 00	)
	Rice, G. B	do	d .
1	White, J. M.	do	d
	Davennort, Eugene.	do 500 00	l l
i i	Rietz, H. L	do 100 00	il .
1	Roberts Elmer	do 50 00	d .
1	Evans, Augusta D	do	
1	Checkley J. H	do	2)
1	Tamison A W	166 66	d
1	Miller W P	do	
1	Nolan A W	do	
	Pankin F H	do	
1	Aller One	do 291 00	1
1	Anyn, Off	do	3
1	Rumer, J. P.	100 00	1
	Dauer, r. C	do	3
	Dinding, L. R.	do	•
l	Clevenger, C. D	100 00	1
	Dickerson, I. W	133 33	3
1	Dickinson, R. W	do	3)
1	Ebersol, E. T	do	1
i .	Eckblaw, K. J. T	do 133 33	
1	Ellis, O. I	do	2
1	Fahrnkopf, H. F. T	do	2
9	Fisher, F. A	do 100 00	?]
1	Fisher, O. S	do 208 33	
	Garrett, F. W	do	2)
l	Gentie, G. E	do	3
1	Gernert, W. B.	do	?
1	Gilkerson, H. C	do	2]
	Gustatson, A. F	do	21
	Heck, A. F	. do	2
1	Hegnauer, Leonard	do	2
1	Holt, S. V	do	21
ı	Hopkins, C. G.	do	
1	Hoskms, E. E	. do	?
	Leighty, W. R	do	2
	Logan, C. C.	do	21
1	Mosier, J. G	do	5
1	Niederman, Gertrude	do	)
	Park, J. B	do 150 00	)}
1	{Pettit, J. H	do250 00	
1	Reed, C. O	do 120 00	9]
1	Sachs, W. H	do 133 33	3
1	Schoonhover, W. R	do 70 00	)
1	Smith, L. H	do 266 66	31
ţ	Snider, H. J	. do 70 00	)
ì	Stewart, H. W	do 150 00	)
1 , .	Van Alstine, E	do 175 00	)
1	Walworth, E. H	. do 70 00	)[
1	Wascher, F. M. W	do 100 00	)
1	Wheeler, H. C	do 150 00	)
1	Whitchurch, J. E	do	)
1	Whiting, A. L	do	) .
1	Barto, D. O	do	
1	Bull, Sleeter	do	3
1	Carmichael, W. J.	do	3
1	Aumer, J. P. Bauer, F. C. Binding, L. R. Clevenger, C. D. Diokerson, I. W. Diokinson, R. W. Ebersol, E. T. Eckblaw, K. J. T. Ellis, O. 1. Fahrnkopf, H. F. T. Fisher, O. S. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, A. F. Heck, A. F. Heck, A. F. Heck, A. F. Hegnauer, Leonard Holt, S. V. Hopkins, C. G. Hoskins, E. E. Leighty, W. R. Logan, C. C. Mosier, J. G. Mosier, J. G. Mosier, J. G. Schoonhover, W. R. Smith, L. H. Snider, H. J. Stewart, H. W. Van Alstine, E. Walver, H. G. Whiching, A. L. Barto, D. O. Bull, Sleeter Carmichael, W. J. Coffey, W. C. Detlefsen, J. A. Edmonds, J. L.	do 266 66	3
1	Detlefsen J A	do	ól
1	Edmonda I I	do	ξĺ
1			

٧o٠	Date.	Grindley, H. S Hall, L. D. Handschin, W. F. Joseph, W. E. Mitchell, H. H. Mumford, H. W. Newlin, C. I. Place, V. A. Rusk, H. P. Simpson, F. M. Smith, W. H. Yoke, J. J. Brand, R. E. Crandall, W. T. Fraser, W. J. Harding, H. A. Hulce, R. S. Keller, O. A. Lang, LeRoy Parker, H. N. Pearson, F. A. Ruehe, H. A. Yapp, W. W. Bailey, E. W. Blair, J. C. Bole, S. J. Bregger, Thomas. Colby, A. S. Crandall, C. S. Dorner, H. B. Dourst, C. E. Fogleson, L. E. Gunderson, A. J. Hofman, R. W. Lloyd, J. W. Miller, Wilhelm Muncie, F. W. Nehrling, A. H. Peltier, G. L. Pickett, B. S. Robinson, C. M. Root, R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. Bevier, Isabel. Crigler, Nina B. Felming, Georgia. Goldthwaite, Nellie E. Gray, Cora E. Harrison, Florence. Pincomb, Helena M. Seymour, Lurene. Stevens, Grace E. Wheeler, Ruth. McIntosh, Donald. Burton, S. C. Corrubia, A. B. M. Cowley, F. K. Forysythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Provine, L. H. Ricker, N. C. Welker, N. A. Berlen B. B. L. Davis; R. E. Garver, N. B. McOwley, F. K. Forysythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Provine, L. H. Ricker, N. C. Wells, N. A. Berlen Baker, I. O. Bowling, B. L. Davis; R. E. Garver, N. B. McDaniel, A. B. McDaniel, A. B. G. W. Pickels Raynto, W. H. Smill, A. B. G. W. Pickels Raynto, W. H. Smill, A. B. G. W. Pickels Raynto, W. H. Smill, A. B. Berooks, Morgan	For what.	Amoun
	1913.			
512	Sept. 22	Grindley, H. S	Salary, September, 1913 \$291 6	3
Ctd.		Hall, L. D	do 112 50	0
	l	Handschin, W. F	do	)  .
	1	Joseph, W. E	do 150 00	3
	1	Mitchell, H. H.	133 3	
		Mumiora, H. W	do 100 0	
		Place V A	do 100 0	싞 .
		Rusk H P	do 208 3	š
	p.	Simpson, F. M	do	3
		Smith, W. H	do 125 0	0
	1	Yoke, J. J	do 83 3	3
	1 :	Brand, R. E	do 175 0	0
	į	Crandall, W. T	do	0}
	1 : '	Fraser, W. J		5)
	1 '	Harding, H. A	110 0	
	'	Weller O A	do 01 6	e l
	1	Lang LeRoy	do 175 0	ŏ
		Parker, H. N.	do	ŏl :
	1	Pearson, F. A	do	6
	Į	Ruehe, H. A	do 133 3	3
	1	Yapp, W. W	do 91 6	6
	1	Bailey, E. W	do 175 0	U
		Blar, J. U	1	D
		Brogger Thomas	do 110 0	e e
	1	Colby A S	do 60.0	N .
	1 '	Crandall C S	do 291 6	6
	1	Dorner H B	do 250 0	ňΙ
		Durst, C. E	150 0	ŏl
		Fogleson, L. E	do	6
	i	Gunderson, A. J	. do 100 0	0  :
	1	Hoffman, R. W	. do	0}
	1	Lloyd, J. W.	. do	6)
	1	Miller, Wilhelm		U .
		Nobaling A II		
	1	Polition G T	do 83 3	3
	į	Pickett, B. S	do	ŏl :
		Robinson, C. M	do 100 0	ō
	1	Root, R. R	. do 208 3	3
	1	Ruth, W. A	. do 150 0	0
	1 '	Sayre, C. B.		엙
	i	Wothing O S	do 175 0	XI
	1	Bevier Isabel	do 250 0	ŏ
	1	Crigler, Nina B.	do	6
	i	Felming, Georgia.	do 100 0	0
	Į.	Goldthwaite, Nellie E	. do 187 5	0]
	-	Gray, Cora E.	. do	6
	1 .	Harrison, Florence	- do	U)
	i	Sourcer Lurene	-	ဂ္ဂ
	1	Stavens Green E	do	N .
	1	Wheeler, Ruth	do	ŏ
	i	McIntosh, Donald.	. do	3
	1	Burton, S. C.	. do	0
		Corrubía, A. B. M	. do 160 0	01
	1	Cowley, F. K	. do <u>120</u> 0	0
	1	Forysythe, J. H	. do 150 0	υĮ
	1	Zollegg T M	. do 160 0	N .
	1	Kimball A H	do 150 0	ň
	1	Provine, L. H		3
	1	Ricker, N. C.	. do	3
	1	Wells, N. A	. do 104 1	6
	1	Fehrenkamp, Winifred	. do 70 0	0
	1	Baker, I. O	. do	3
		Bowling, B. L.	. do	3
		Davis; K. E.	.  120 0	U
		McDaniel A B	do 200 1	6
	1	G. W. Pickels	do 150 d	ŏ
	}	Raynor, W. H.	do	ŏ
	1	Smith, J. E	do	ŏ
		Wiley, C. C.	. do 141 6	3
	}	Biegler, P. S.	. do	6
	I	Brooks, Morgan	. ao	ĮŲ į

No.	Date.	To whom.	For what.		Amour
	1913.				
512	Sept. 22	Bryant, J. M. Fisk, I. W. James, L. V.	Salary, September, 1913do	\$229 16	
td.	J	Fisk, I. W. James, L. V. Knight, A. R. Paine, E. B. Waldo, E. H. Abrams, D. A. Chittenden, A. K. Dunn, H. H. Keller, R. B. Kratz, A. P. Moore, H. F. Slater, W. A. Vedder, J. N. Yensen, T. D. Crane, Rufus Jordan, H. H. Miller, H. W. Nelson, W. S. Porter, F. M. Rugg, H. O. Steward, R. K. Benedict, B. W. Dent, J. A. Domonske, A. B. Duncan, J. M. Eames, H. S. Ellis, Frederick Frisk, J. A. Godeke, H. F.		133 33	
		Knight, A. R.	do	150 00	
		Paine, E. B.	do	250 00	
		Waldo, E. H	do	166 66	
		Abrams, D. A	do	150 00 229 16	
		Dunn H H	do	116 66	
		Keller, R. B.	do	166 66	
	1	Kratz, A. P.	do	133 331	
		Moore, H. F.	do	229 16 150 00	
		Slater, W. A	do	150 00 133 33	
		Vencen T D	do	133 33	
		Crane. Rufus	do	100 00	
		Jordan, H. H.	do	140 00 183 33 30 00	•
		Miller, H. W	do	183 33	
		Nelson, W. S.	do	30 00	
		Purg H O	do	125 00 150 00	
		Staward R K	do	141 66	
		Benedict, B. W.	do	291 66 150 00	
		Dent, J. A	do	150 00	
		Domonske, A. B.	do	140 00	
•		Former II S	do	90 00 140 00	
		Ellis Frederick	do	150 00	
		Frisk, J. A	do	91 66	
		Godeke, H. F	do	130 00 291 66	
		Goodenough, G. A.	do	291 66	
		Ellis, Frederick Frisk, J. A. Godeke, H. F. Goodenough, G. A. Harding, L. A. Kennedy, R. E. Lanham, E. T. Leutwiler, O. A. Pendleton, J. C. Radebaugh, G. H. Rebman, P. J. Richards, C. R. Scroggin, D. L. Torrance, F. C. Waterfall, H. W. Andros, S. O.	d0	291 66 120 00	
		Lanham E T	do	120 00	
		Leutwiler, O. A.	do	120 00 241 66	
		Pendleton, J. C	do	100 001	
		Radebaugh, G. H	do	110 00	
į		Rebman, P. J		110 00 80 00 479 16	
		Seroggin D I	do		
		Torrance, F. C.	-do	120 00 110 00 130 00	
		Waterfall, H. W	do	130 00	
		Andros, S. O	do	25 00	
		Holbrook, E. A		208 33	
		Rahhitt H E	do	416 66 140 00	
		Boomsliter, G. P.	do	170 00	
		Enger, M. L.	do	187 50 150 00	
		Ensign, N. E.	do	150 00	
		Fleming, V. R.	do	150 00	
		Connerman H F	00	140 00	
- ,		Noerenberg, C. E.	_do	150 00 170 00	
		Seely, F. B	do	170 00	
		Talbot, A. N	do	416 66 140 00	
- 1		Vallance, Alexander	do	140 00	
.		Cormon A P	do	50 00	
- 1		Karrer Sebastian	do	70 00	
- 1	[	Knipp, C. T.	do	416 66 70 00 233 33 208 33	
		Kunz, Jakob	do	208 33	
- 1		Nathanson, J. B.	do	50 00 183 33	
		Schulz, W. F.	do	90 00	
		Shook G A	do	120 00	
		Smith, O. H	_do	95 00	
- 1		Watson, F. R.	do	95 00 229 16	
		Warner, E. H.	do	80 00	
- 1		Williams, E. H	do	141 66	
- 1		Comstock A F	uo	150 00 166 66	
- [	.	Schmidt, E. C.	-do	333 33	
- 1		Snodgrass, J. M	do	183 33	
		Decker, E. H.	do	183 33 291 66	
- 1	1	Green, Frederick	do	291 66	
l	,	Hale, W. G	do	291 66	
- 1		Pomerov J N	uo	416 66 208 33	
1		Vernier, C. G	đo	291 66	
- 1		Scroggin, D. D. Torrance, F. C. Waterfall, H. W. Andros, S. O. Holbrook, E. A. Stoek, H. H. Babbitt, H. E. Boomsliter, G. P. Enger, M. L. Ensign, N. E. Fleming, V. R. Gardner, Harry. Gonnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Carman, A. P. Karrer, Sebastian Knipp, C. T. Kunz, Jakob. Nathanson, J. B. Schulz, W. F. Randolph, O. A. Smith, O. H. Watson, F. R. Warner, E. Watson, F. R. Warner, E. Wulliams, E. H. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G.	do	291 66	

To.	Date.	To whom.	For what.	Amoun
	1913.	Andrews, O. M. S. Babcock, K. C. Meyer, G. H. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel. Burton, L. V. Rahn, Otto. Brigham, R. O. Hague, Stella M. Hottes, C. F. Lamkey, E. M. R. LeCato, J. M. McDougall, W. B. Parr, Rosalie M. Scherfee, S. H. Trelease, Wm. Waggoner, H. D. Whitten, J. H. Hursh, R. K. Radeliffe, B. S. Rand, C. C. Stull, R. T. Adams, W. C. Allen, C. H. Baker, R. E. Balke, C. W. Bates, S. J. Beal, G. D. Braley, S. A. Broderson, H. C. Charlton, E. F. Carter, H. M. Clark, K. A. Cohen, Joseph. Cohn, Alexander. Darrah, Juanita E. Davisson, B. S. Derick, C. G. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Hewes, C. K. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kremmers, H. C. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G. MacArthur, C. G.		
512	Sept. 22	Andrews, O. M	Salary, September, 9913 \$ 83 33	
td.		Babcock, K. C.	.do	il
	i .	Meyer, G. H	.do 20 83	l
		Bradbury, C. E	.do 120 00	
	1	Kelley, C. F	.do 150 00	
	l .	Lake, E. J.	.do 187 50	
	:	Wetmore, Mary M	.do 150 00	
		Bond, J. J. D	.do 30 00	
		Keed, F. W	.do	
		Bunton T 37	.do	
		Pohn Otto	.do	
	!	Pricham D A	.do	
	[	Hagna Stalla M	.do	
	i	Hottes C. F	.do	
		Lambor F M P	.do	
		LeCato I M	.do	
	ŀ	McDougall W. B	.do	
	1	Parr. Rosalie M	.do	
	ł	Scherfee, S. H.	.do 30 00	
		Trelease, Wm	.do	
	1	Waggoner, H. D.	do	
	1 `	Whitten, J. H.	do 60 00	
	1	Hursh, R. K.	.do 150 00	
	1	Radcliffe, B. S.	.do 120 00	
	-	Rand, C. C.	do	
		Stull, R. T.	.do 250 00	
		Adams, W. C	do 10 00	
	ļ	Allen, C. H	do 50 00	
	1	Baker, R. E	do 35 00	()
	1	Balke, C. W	.do 250 00	
	1	Bates, S. J	.do 100 00	
	ļ	Beal, G. D	do 140 00	
		Brodergen TT T	do	
	1	Charlton E E	do	
	}	Cortor T M	do	
		Clark W A	do	
	Ì	Cohen Joseph	do	
		Cohn Alexander	.do	
		Darrah, Juanita E	.do	
	l	Davisson, B. S.	.do	
	l	Derick, C. G.	do 166 66	3
	1	Engle, E. W	do 50 00	)
	1	Englis, D. T.	do 30 00	
		Foster, L. F	do 50 00	
	1	Gilmore, R. E	do	
		Hecker, C. H.	do 100 00	
		Hess, R. W	do 50 00	
		Hewes, C. K.	do 60 00	
	1	Hollovski, B. K	do	
	1	Topson I M	do 140 00	
		Vrommore H C	do	
	1	Kremmers, H. C. MacArthur, C. G.	do	
	I	MacInnes, D. A.	do	
	1	Nelson, R. A.	do	
	1	Nelson, R. A. Noyes, W. A. Parr, S. W. Prasil, Anton. Read, J. W. Rich, P. C. Ruby, G. B. Scholl, Clarence. Sears, G. W. Slevert, C. W. J. Skinner, G. S. Smith, G. M.	do	
	1	Parr, S. W	do	
	1	Prasil, Anton	do	
	1	Read, J. W	.do	)
	l	Rich, P. C.	do 10 00	)
	I	Ruby, G. B.	.do 10 00	
	1	Scholl, Clarence	do 30 00	
	1	Sears, G. W.	do	
	1	Sievert, C. W. J.	.do 10 00	
	1	Skinner, G. S.	.do 10 00	
	1	Smith, G. M	.do 166 66	
	l	Small I. D	.do 100 00	
	1	OHOOK, J. D	.do 10 00	
	1	Outlon E II	.do 10 00	()
	I	Taylor, E. H	.do	(
	I	Thorn Tambert	.do	(
	1	Tinnett B W	.do	
	I	Volentine H D	.do	S)
	İ	Smith, L. D. Snook, J. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert. Tippett, R. W. Valentine, H. D. Van Zoeren, G. J. Washburn, E. W. Weber, H. C. P.	do	
	}	Washburn E W	.do	
	1	Weber H C P	.do	

Vo.	Date.	To whom.	For what.	Amour
	1913.			
512	Sept. 22	Weiland, H. J.	Salary, September, 1913 \$ 35 00	)
7td.		Wichers, Edward. Wildman, E. A.	do	
		Dewsnup, E. R.	.do	ól –
		Dowsnup, E. R. Litman, Simon Prickett, A. L. Robinson, M. H.	do	3
		Prickett, A. L.	do	2 .
		Robinson, M. H.	do	3
	1	Scoville, H. T. Thompson, J. G. Weston, N.A. Barton, H. J. Canter, H. V. Moss, C. M. Oldfather, W. A. Pease, A. S. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallouest, A. J.	do	
		Weston, N.A.	do	<u> </u>
		Barton, H. J.	do	3
	Ī	Canter, H. V.	do 208 33	1
	1	Moss, C. M	do	2
		Page A S	do	()
		Anderson L F	.do	
		Bagley, W. C.	do	
		Coffman, L. D	do	5
		Hallquest, A. L.	do	2]
		Millor W S	do	
		Alden, R. M	do	
	Ì '	Hainquest, A. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. C.	do	
	l	Boyer, C. V. Buchen, W. A. Clark, T. A.	do 140 00	)
		Buchen, W. A.	150 00	2
		Crook H I	do500 00	
		Creek, H. L. Curl, M. J.	do140_00	
		Dodge, D. K	1do	3
		Fulton, Edward	do 175 00	
		Goodwin, T. G. Guild, T. H.	do 100 00	
		Gwinn, Alta	do	
		Harbarger Sada A	do 100.00	
	İ	Jones, H. S. V	do 183 33	
		Jordan, J. C.	do	)
		Kelso, Ruth	do	
	1	Jones, H. S. V. Jordan, J. C. Kelso, Ruth Kyle, Martha J. Landee, Marion	.do	
		(Loomis, G. S	u0	)
	1	McJohnston, Harrison	ldo 120 00	)
	1	Paul, H. G. Rinaker, Clarissa	do	3
	1	Sarett, L. R.	do	{
	1	Schoepperle, Gertrude	do	
		Scott, F. W	do 200 00	)
		Sherman, S. P. Stanley, T. B.	do	
		Stanley, T. B	do	
		Sutcliffé, E. G Tieje, A. J	.do	
	ł	Whicher, G. F.	do	
	1	Whicher, G. F. Woolbert, C. H.	do	3
		Zeitlin, Jacob	. do 133 38	
		Folsom, J. W		
		Glasgow, Hugh	do 83 33 do 120 00	
		MacGillivary, A. D.	do	ól
	l	Peterson, Alvah	do 60 00	)
	1	MacGillivary, A. D. Peterson, Alvah. Bayley, W. S.	do 250 00	
	1	Fleener, F. L. Heitkamp, G. W.	ao	
		Rich I L	150 OC	
	1	Rolle, C. W	. do 250 00	
	1			)
	1	Savage, T. E. Barto, P. S.		
	1	Barto, P. S Brooks, N. C	do	
	I	Flom, G. T.		
	1	Goebél, Julius	do 312 50	
	1	Green, Alexander	do	
	1	Green, Alexander. Held, F. E	do	
	1	Koller A. H	130 00	
		Mayer G H	do	ál
		Lessing, O. E. Meyer, G. H. Poor, C. M.	do	
		Williams, C. A. Zucker, A. E.	do	)
	1	Zucker, A. E.	do	

0.	Date.	To whom.	For what.	Amour
	1913.			
12	Sept. 22	Alvord, C. W	Salary, September, 1913 \$145 83	
td.		Brush, Elizabeth P. Buck, S. J.	do	J
		Colo A C	do	
		Duncalf Frederick	.do	
	}	Cole, A. C. Duncalf, Frederick Greene, E. B Larson, L. M. Lybyer, A. H	do416_66	
	1	Larson, L. M.	do	)
		Lybyer, A. H	do 233 33	4
		Robertson, W. S	do 208 33	
	İ	Burns, Josephine E.	do	
	J	Chittenden, E. W	120 00	
	i	Denten W W	l. do 166 66	
	1	Emch Arnold	do	
	1	Hebbert C M	do60 00	
		Kempner A. I	.do	
	ł	Lytle, E, B.	do150 00	
	1	Miller, G. A.	do	
	1	Rietz, H. L.	do 158 33	
	I	Rowland, S. A	do	
	1	Lybyer, A. H. Robertson, W. S. Burns, Josephine E. Chittenden, E. W. Crathorne, A. R. Denton, W. W. Emch, Arnold Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B.	do	4
	1	Shaw, J. B.	do229 16	:1
	1	Sisam, C. H. Smith, G. W.	do 183 33	
	1	Smith, G. W	do	
	1 .	Townsend, E. J.	do	
	t I	Wahlin, G. E	do	
	1	Zeis, H. C.	do 60 00	
		Reard I H	do   130 00	
	}	Burge, W. E. Neill, Alma J.	do 183 33	
	i	Neill, Alma J	do	)
	[	Bode, B. H	100	j{
		Daniels, A. H	1do	
	1	(liever   )	1 do 50 00	
	1	Shepard, Queen L	do 110 00	
		Dodd, W. F	do	
		Fairlie, J. A.	do	:1
		Garner, J. W Hanford, A. C.	do	
	1	Mathews, J. M.	.do	
	l	Rentley Medicon	.do	
		Bentley, Madison	do	il
	1	Sutherland A H	150 00	
	1 -	V ance, T. J	100 90 00	
	İ	Beck, J. B	jdo 166 66	
		Carnáhan, D. H	do 112 50	
	l	Carry, Charles	do 110 00	
	İ	Eppels, Joseph	do	
	ł	Macra O II	do	
		Olivor T F	do	
		FitzGerald, II, J. D. Moore, O. H. Oliver, T. E. Schulters, J. R.	do	
	i	Turner, L. M.	do150 00	
		Wesenberg, T. G	do 90 00	
		Haves, E. C	L.do 275 00	)
		Todd. A. J	do 141 66	
	1	Adams, C. C. Chenoweth, H. E.	do	)
		Chenoweth, H. E	do	
		Faust, E. C	do	
	1	Green, Bessie R.	do	
		Hanson, F. B	do	
	)	Heimburger, H. V	-do40 00	
	l i	Johnson, Gertrude Kingsley, J. S. Linkins, R. H May, H. G.	do	
		Linkins, R. H	do	
		May, H. G.	do	)
		Smith, Frank	do	
		Smith, Frank Stunkard, H. W	do	)
		VanCleave, H. J	do 120 00	
		Ward, H. B.	do	
	1	Wells, Grace E	do	
	{	Zeieny, Charles	do	
		Righton Florence M	do	
	1	Mills C H	do	4
		Mornby E. W	.do	3
	1	Wells, Grace E. Zeleny, Charles. Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F. Simon, Anna.	do	il
	1	Schwartz, G. F.	_do 183 33	il .
	1	Simon Anna	.do	

To.	Date.	To whom.	For what.	Amoun
	1913.	Smith, Constance Barlow. Townsend, L. L. Treat, Edna A. Van den Berg, H. J. Bond, Ethel. Curtis, Florence R. Reece, E. J. Simpson, Frances. Kinley, David. Wright, A. B. Colson, H. W. Clark, A. H. Day, W. B. Day, W. B. Eicher, B. L. Fantus, Bernard. Gathercoal, E. N. Snow, C. M. Carrithers, I. R. Gelll, H. L. Hana, L. G. Huff, G. A. Jones, R. R. Menley, E. J. Pengilly, H. E. Brooks, Verna. Gaut, Rosa Lée. Hitt, Agnes. Hughitt, Anna L. Landee, Marion C. Moulton, Gertrude E. Shoeman, C. M. Craig, Jennie A. Drury, F. K. Felsenthal, Emma Goulding, P. S. Herdman, Margaret. Hutchier Meropres.	-	
512	Sept. 2	Smith, Constance Barlow	Salary, September, 1913 \$166 66	3
ld.	-	Townsend, L. L.	120 00	2
	ł	Treat, Edna A	do 100 00	2
		Van den Berg, H. J	180 UL	<u> </u>
		Curtic Florance R	do 133 35	
	ł	Reece, E. J.	do	
		Simpson, Frances	do 166 66	3
	ľ	Kinley, David	do 583 33	3
		Wright, A. B	do	)
		Colson, H. W	do 100 00	2
		Clark, A. H	150 00	?
	Ì	Day, W. B	do 100 00	
-	ł	Figher B I.	do 100 00	(I
		Fontus Barnard	do 50.00	()
		Gathercoal, E. N	do	i :
	i	Snow, C. M.	do 150 00	)
		Carrithers, I. R	do 60 00	)
		Gill, H. L	do 220 00	)
	}	Hana, L. G.	170 00	!
	1	Hun, G. A	100 416 66	3
	1	Monley E I	do 120 00	()
	1	Pengilly H. E	do 10 00	61
	i	Brooks, Verna	do	61
		Gaut, Rosa Lee	do 40 00	
		Hitt, Agnes	do 20 00	)
	Ì	Hughitt, Anna L	do 100 00	)
		Landee, Marion C	do	2)
		Moulton, Gertrude E	do	
		Croig Toppio A		()
	l	Drury F W W	do 200 00	3
	i	Felsenthal Emma	do	ś
		Goulding, P. S.	do 166 66	3
		Herdman, Margaret	do 75 00	)
		Hodnefield, Jacob	do 125 00	)
	1	ilubulius, maigai bu		<b>'</b>
	i	Janvrin, Charles	do	
		Johnson, Alice Jutton, Emma R		
	į.	Kaiser, J. B.	do	
	ļ	Karsten, Eleanor G	_do100 00	
	1	Leatherman, Marian	do	
	I	Patton, Adah	do 91 66	5
	l	Torrance, Mary Windsor, P. L	do 75 00	
		Windsor, P. L.	do 291 66	
	1	Wyeth, Ola M	do 80 00	2)
		Bollman, Minnie J. (Student)	do	
	l	Hubbard, Marie E (Student)	do	
		Trov. Mary Z (Student)	do	
513	Sept. 2	Pay roll (civil service)		\$7,030
	1	Troy, Mary Z (Student).  Pay roll (civil service).  Alexander, Lilla.	Salary, September, 1913 65 00	) .,
	ĺ	Alley, W. E	do 85 00	
		Amos, Winifred L	do	
		Atkinson, E.C.	do 141 66	
	ŀ	Biackwell, Mary	do	
	ĺ	Broadhurst Tahitha I	do	
		Brown, Ing M	do	
		Bryan, Sarah E	do	
		Buckler, Helen I	do 50 00	
		Crawford, C. C.	do	
	l	Cunningham, H. E	do 150 00	
	İ	Dalton, C. E	do	
		Aléxander, Lilla Alley, W. E Amos, Winifred L. Akkinson, E.C. Blackwell, Mary Boice, L. A Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckler, Helen I. Crawford, C. C. Cunningham, H. E. Dalton, C. E. Emigh, Edith. Freind, Frances.	do	
	1	Fig. Robert	do	
	l	Fraser, Viola	do	
	l	Goetz, Antoinette	do	
		Feind, Frances Fieg, Robert Fraser, Viola Goetz, Antoinette Good, Elizabeth Gordon, Maria A	do	)
		Gordon, Marie A	do	2
	1	Griffith, Mabel	do	
		Griffith, Mabel Hamilton, Alice V Havens, Charles Hay, N Hayes, Burt	do	{
	1	Hay N	do	
		1 E1 & V + 1N	1uv	6

0.	Date.	Heater, Myrtle E Houchens, Josie B Hull, A. H Humrichouse, Katie L Johnson, Gertrude E Kelley, J. H Kirwin, Nora. Knapp, Aurella. Knorr, L. E Lamb, Allie B Lee, A. R Leitz, Louise A Lund, Stella. McConn, C. M McGurty, Agnes. Manspeaker, L. Mae. Mathers, Jennie. Meneley, Maude E Meseck, R Miller, C. F Morey, Lloyd. Morrow, J. A Murphy, Morris. Nyberg, F. A Oberdorfer, H. D. Packard, Bessie. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Peel, Elizabeth C. Postlewait, Harriet L. Powell, B. E Renz, Myrtle. Ricketts, Clara Robertson, Nellie. Rogers, Della M. Scanlan, Mary Sharp, Bertha L. Shepard, Anna L. Shepard, Anna L. Shepard, Anna L. Shepard, Anna L. Shepard, Anna L. Sheyers, Sara M. Smith, Florence E. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smith, Jessie A. Smi	For what.	Amoun
	1913.			
13	Sept. 22	Heater, Myrtle E	Salary, September, 1913 \$ 60 00	
d.	-	Houchens, Josie B	do 83 33	
		Hull, A. H	do 65 00	
		Humrichouse, Katie L	do	
		Johnson, Gertrude E	do 193 33	
		Kirwin Nora	1 do 28 33	
		Knann, Aurella	do 75 00	
		Knorr, L. E	.do 150 00	
		Lamb, Allie B	do 55 00	
1		Lee, A. R	do 91 66	
		Leitz, Louise A	do	,
	-	Lund, Stella	do 55 00	
1	1	McConn, C. M	1do 250 00	
į		McGurty, Agnes		
- 1		Manspeaker, L. Mae	do 50 00	
-		Mathers, Jennie	- do - 50 00	
		Menerey, Maude E	do 65 00	
	l	Miller C F	do 90 00	
	1	Morey Lloyd	do 125 00	
	1.	Morrow, J. A.	do	
1	1	Murphy, Morris	do	
		Nyberg, F. A	do 50 00	
	1	Oberdorfer, H. D	do 200 00	
į		Packard, Bessie	do 75 00	
		Peel, Elizabeth C	do 75 00	
	l	Peel, Thomas	do	,
1	1	Post, Frederick	do 75 00	
		Postlewait, Harriet L	do 55 00	
- 1		Powell, B. E	do	
1		Renz, Myrtie		
		Ricketts, Clara	do 00 00	
-		Robertson, Neine	do	
		George Mory	do 60 00	
		Shorn Bortho I.	do 55 00	
	1	Shanard Anna L	do 100 00	
		Showers T I	do 125 00	
		Slater, Sara M	do	
		Smith, Florence E	do 75 00	
		Smith, Jessie A	do 50 00	
	1	Smith, I. M	do 125 00	
		Smith, Mayme L	do	
		Staples, O. E	do 150 00	1
		States, Bertha G	do 50 00	
		Stevens, Sabra	do	
	1	Steltz, Allred		
		Thompson, M. E	175 00	
	1	Tuttle C D	do 100 00	
		Tyrrall Toganhina	do 50 00	
	1	Voight Lida E	do 83 33	
	l	Wyninger, H. T.	-do	
	1	Ellis, E. R.	do	
	ł	Leonard, Russell.	do	
		Ressler, Milton	do	
	1	Wright, G. E	do 125 00	
14	Sept. 23	Wm. Webb	Field expenses	\$120
15	do	Raymond G. Goist	do	57
16	do	H. C. Wheeler	Traveling expenses	45
17	do	George M. Hinkley	do	17
18	do	J. E. Whitchurch	do	21
19	ao	F. W. Garrett	Traveling and field expenses	. 14
20		H. U. Glikerson	Traveling expenses	9 33
$^{21}_{22}$	1	O S Fisher	tord exbenses	86
22 23	do	Charles T Davis	A nnaratus rangire	52
24	do	Woldenhard & Schoor	Laboratory apparatus and sun-	52
24	1	in ordoninorg & ponadi	nlies apparatus and sup-	48
25	of	R. W. McCready Cork Co	pliesLaboratory supplies	22
26	do	R. W. McCready Cork Co.  Bausch & Lomb Optical Co.  Bausch & Lomb Optical Co.  M. Izenstark  General Chemical Co.	Laboratory apparatus	49
27 27	do	Bausch & Lomb Optical Co.	-do	54
28	do	M. Izenstark	General supplies	12
29	do	General Chemical Co	Laboratory supplies	6
30	do	E. H. Sargent & Co.	Fixtures	12
31	do	E. H. Sargent & Co. The Oliver Typewriter Co. Neostyle Co.	Office equipment repairs	6
32	do	Neostyle Co	Office equipment repairs	7 11
33	4.0	Fuller & Fuller Co	Laboratory supplies	11

No.	Date.	To whom.	For what.	Amoun
	1913.			
534	Sept. 24	The Bourne-Fuller Co Brown's Business School Fuller & Fuller Co The Chicago Tribune. Morrison, Plummer & Co V. Mueller & Co. Goodhart's Laundry Hetherington & Berner The Jeffrey Mfg. Co. S. Obermayer Co. Adams Co. D. T. Heiwlich Street Gate Co Soft Water Laundry Burroughs Adding Machine Co. Fairfield Lumber Co. General Electric Co. C. U. Johnson.	Plumbing materials	\$ 470 15
535	do	Brown's Business School	Clerical assistance	15 15
536 537	do	The Chicago Tribuno	Clork	13
538	do	Morrison Plummer & Co	Carbolic acid	67
539	do	V. Mueller &Co.	Supplies	14 42
540	do	Goodhart's Laundry	Laundry	42
541	do	Hetherington & Berner	Laboratory supplies	45
542	do	The Jeffrey Mfg. Co	Laboratory apparatus	17
543 544	do	S. Obermayer Co	Laboratory supplies	24 13
545	do	D T Haiwlich	Live stock	25
546	do	Street Gate Co.	Fencing.	25 7 19
547	do	Soft Water Laundry	Laundry	19
548	do	Burroughs Adding Machine Co	Office equipment repairs	1
549	do	Fairfield Lumber Co	Fencing	20
550	do	General Electric Co	Office equipment	15
551	do	C. U. Johnson Driver Harrs Wire Co. Geo. B. Carpenter & Co. V. Mueller & Co. Lansing Co.	Laboratory apparatus repairs	24 13
552 553	do	Goo B Corportor & Co	Colored Cotton wests	13
554	do	V Mueller & Co	Wheal stratcher	36
554 555	do	Lansing Co.	Farm machinery	36 113
556	do	C. C. Logan	Traveling expenses	17
557	do	Lansing Co. C. C. Logan F. W. Wascher R. W. Dickenson Robert W. Stark A. L. Moats P. D. Long National Engraving Co. S. C. Tucker C. C. Short National Drain Tile Co. Alex Harmon & Son	Office equipment repairs. Fencing. Office equipment. Laboratory apparatus repairs. Laboratory supplies. Colored Cotton waste. Wheel stretcher. Farm machinery. Traveling expensesdodo. Field expensesdodo. Printing and publishing. Office supplies. Frield expenses. Drains. Horseshoeing and repair work. Laboratory supplies. Subscription. Machinery repairs. Laboratory supplies. Office supplies. Frield expenses. Office supplies. Frield expenses. Office supplies. Frield expenses. Office supplies. Frield expenses. Office supplies. Frield expenses. General supplies. Wheat. Frield expenses. General supplies. Advertisingdofreightdo. Laboratory supplies. Advertising. Machinery. Rental dictograph service quarter Traveling expenses. Plumbing. General supplies. Laboratory supplies. General supplies. Laboratory supplies. Baboratory supplies. General supplies. Co. Building materials. Laboratory supplies Building materials Printing. Office supplies Electrical supplies Electrical supplies Electrical supplies Electrical supplies Building materials Painting Building materials Painting Building materials Painting Building materials	46
558	do	R. W. Dickenson	do	43
559	do	Robert W. Stark	Field expenses	25
560	ao	P. D. Long		21 70
$\frac{561}{562}$	do	National Engraving Co	Printing and publishing	78
563	do	S. C. Tucker	Office supplies	ĭ
564	do	C. C. Short.	Field expenses	1
565	do	National Drain Tile Co	Drains	1 78
566	do	Alex Harmon & Son	Horseshoeing and repair work	14
567	do	Robert Craig Co	Laboratory supplies	30
568 569	do	The Florist's Trade Journal Co	Subscription	1 7
570	do	Mogara Woldenberg & Schoor	Laboratory gypplics	43
571	do	American Multigraph Salas Co	Office supplies	1
$57\hat{2}$	do	Flanigan-Pearson Co.	Printing	20
573	do	Woodbury Lake Co	Laboratory supplies	9
574	do	Smith & Co	General supplies	4
575	do	H. B. Symons	Wheat	.5
576	do	Chester Horeshoeing Shop	Field expenses	14 18
577	do	Southern Illinois Penitentiary	General supplies	40
578 579	do	C C C & St L By Co	Fraight	44
580	do	The Wabash R. R.	do	30
581	do	E. H. Sargent & Co	Laboratory supplies	81
$\frac{582}{583}$	do	The Bulletin of Pharmacy	Advertising	7
583	do	The Western Druggist	do	25
584	do	National Drain Tile Co Alex Harmon & Son Robert Craig Co. The Florist's Trade Journal Co. The Garlock Packing Co. Messrs. Woldenberg & Schaar. American Multigraph Sales Co. Flanigan-Pearson Co. Woodbury Lake Co. Smith & Co. H. B. Symons Chester Horeshoeing Shop. Southern Illinois Penitentiary A. A. Hinkley C. C. C. & St. L. Ry. Co. The Wabash R. R. E. H. Sargent & Co. The Bulletin of Pharmacy The Wabash Co. The Western Druggist. C., C., C. & St. L. Ry. Co, The Western Druggist. J. H. Hidwell & Co. General A coustic Co. Helena M. Pincomb Weil Brothers. Barnhart Brothers. Merk & Co. Knowlton & Bennett.	Freight	1 25
585 586	ao	THE National Druggist	Machinary	25 9
587	40	General Acoustic Co	Rental dictograph service quarter	10
587 588	do	Helena M. Pincomb	Traveling expenses	7
589	do	Weil Brothers.	Plumbing.	4
590	do	Barnhart Brothers	General supplies	70
591	Sept. 25	Merk & Co	Laboratory supplies	70
592	do	Knowiton & Bennett	General supplies	15
593 594	1ao	S E Huff & Co	Ruilding materials	11
594 595	do	Bacon Brothers	Laboratory supplies	9
596	do	Taylor Hardware Co	Building materials.	5
597	do	Illinois State Reformatory	Printing	5 92
598	do	U. of I. Supply Store	Office supplies	6
599	do	Central Electric Co	Electrical supplies	35
600	do	Crane Co	Plumbing	120
601	ao	W. W. Walls & Co	Pointing	55 407
$\frac{602}{603}$	do	Stines & Hecker	Ruilding materials	1 407
604	de	Payroll	Landing materials	12 45
.001		Hiskey, G. M.	Wages, September, 1913 45 00	1 10
605	do	Pay roll.		1,749
,		Dreyer, G. P.	Salary, September, 1913 333 32	,
	l	Eycleshymer, A. C	do	1
	1	Fantus, Bernard	do	1
		Gardner, Stella	83 33	1
		Genrman, Adolph	do	
	1	Helena M. Pincomb Weil Brothers Barnhart Brothers Merk & Co Knowlton & Bennett John H. Doyle S. E. Huff & Co Bacon Brothers. Taylor Hardware Co. Illinois State Reformatory U. of I. Supply Store Central Electric Co. Crane Co W. W. Walls & Co. C. A. Denman Stipes & Hecker Payroll Hiskey, G. M Pay roll Dreyer, G. P Eycleshymer, A. C. Fantus, Bernard Gardner, Stella. Gehrman, Adolph Jones, T. S.	.do	

No.	Date.	To whom.	For what.	Amour
	1913.	To whom.  Lincoln, Mary C. Miller, E. G. Rupert, R. R. Small, J. C. Welker, W. H. Pay roll. Blake, L. E. Coolidge, E. D. Dittmar, G. W. Gallie, D. M. McGuire, J. C. Moorehead, F. B. Noyes, F. B. Schultz, Louis Starr, S. P. Payroll. Badel, Nathan Daniel, John David, Simon Gelda, Isak George, Elia Klena, Joseph Smith, H. S. Tomek, Gertrude Pay roll. Heermann, Louise B Ritter, Sarah M. Pay roll. Allen, Josephine Arneson, Mable Bolan, Anna R Browne, W. H. Cole, H. W. Coles, B. D. David, Eshoo. David, Paul. Froberg, Erie Loomis, Metta North, J. W. Savage, John Southwell, James Tromlinson, J. S. J. B. Andrews L. R. Lang N. W. Hepburn		
1605	Sept. 25	Lincoln, Mary C	Salary, September, 1913 \$ 50 00	
Cld.		Miller, E. G.	do	
	1	Small I C	do 50 00	
	1	Welker, W. H	do 208 33	
1606	do	Pay roll.	200 00	\$ 808
		Blake, L. E	Salary, September, 1913 66 66	•
		Coolidge, E. D	do	
		Dittmar, Walter	do	
		Collie D M	do 22 22	
	1	McGuire I C	do 125 00	
		Moorehead, F. B.	166 66	
	1	Noyes, F. B.	do	
	Į.	Schultz, Louis	do	
	l _	Starr, S. P	do 66 66	
607	do	Payroll	Civil service	426
	1	Badel, Nathan	Wages, September, 1913 50 00	
		Daniel, John	do	
	1	Galdo Teak	do 50 00	
	1	George Elia	do 50 00	
		Klena, Joseph	- do - 70 00	
	1	Smith, H. S	do	
	J	Tomek, Gertrude	do	
608	do	Pay roll	Civil service	125
	1	Heermann, Louise B	Salary, September, 1913 50 00	
200	١,.	Ritter, Sarah M	do	1 00"
609	do	Allon Togonhina	Words Contember 1012 55 00	1,085
	ł	Arneson Meble	do 60 00	
		Rolen Anna R	do 00	
		Browne W H	do 250 00	
		Cole, H. W	do	
		Coles, B. D.	do	
	Į	David, Eshoo	do	
	1	David, Paul	do	
		Froberg, Eric	do	
	1	Loomis, Metta	75 00	
	ļ	North, J. W	10 00 40 00	
		Southwell Tames	do 115 00	
	1	Tomlinson, J. S.	do100_00	
610	Sept. 26	J. B. Andrews	Traveling expenses	32
611	do	L. R. Lang	do	4
612	do	N. W. Hepburn	do	3
613	do	H. A. Ruehe	do	.2
614	do	H. S. Capron	Interest on payment for land	10 680
615 616	do	Southern Illinois Ponitontiony	Supplies	20
317	do	Arthur Ochs	Eggs	2
318	do	Jones & Laughlin Steel Co	Supplies	3
319	do	E. L. Sommers	Screws	3 7
320	do	Hillison & Etten Co	Supplies	140 11
321	do	Illinois Malleable Iron Co	do	11
322 323	do	City of Chicago	Inspection of three boilers	11
523	do	Marshall Field &Co	Supplies	69
324 325	do	Western Lumber Co	Dlumbing	8 14
526 526		The Frederick Post Co	Supplies	12
327	do	Rogers & Hubbard Co	Laboratory supplies	3
28	.do	Woldenberg & Schaar	-do	3 60
29	do	Brown & Sharpe Mfg. Co	do	$\begin{array}{c} 1 \\ 92 \end{array}$
30	do	Spencer-Lens Co	do	92
331	do	Savage, John Southwell, James Tomlinson, J. S. J. B. Andrews L. R. Lang. N. W. Hepburn H. A. Ruehe H. S. Capron J. D. White. Southern Illinois Penitentiary Arthur Ochs Jones & Laughlin Steel Co. E. L. Sommers. Hillison & Etten Co. Illinois Malleable Iron Co. City of Chicago. Marshall Field &Co. Western Lumber Co. National Steam Specialty Co. The Frederick Post Co. Rogers & Hubbard Co. Woldenberg & Schaar Brown & Sharpe Mfg. Co. Spencer-Lens Co. The Plainfield Grain Co. Arthur Broughton. Strauch Kodak Finishing Shop.	Fencing	115 100
332	do	Arthur Broughton	Live stock	100
333	do	Strauch Kodak Finishing Shop	Live stock General supplies	4
334 335	ao	Wollron & Mullikan	Window shades	3
336	do	Vanchane Saad Store	General supplies	100 4 3 2 1 2 21 36
วอง 337	do	Charles H. Resly & Co	Machine repairs	. 9
338	do	The Plainfield Grain Co. Arthur Broughton. Strauch Kodak Finishing Shop. G. C. Willis. Walker & Mulliken. Vaughans Seed Store. Charles H. Besly & Co. The Garlock Packing Co. Schermerhorn Bros. Co. W. I. Freser	General supplies	21
339	do	Schermerhorn Bros. Co	Janitor supplies	36
340	do	W. J. Fraser	General supplies  do Window shades General supplies Machine repairs General supplies Janitor supplies Traveling expenses	91
341	do	W. J. Fraser A. Floyd Heck O. M. McGhee F. W. Gault Harrison Fahrnkopf	do	10
342	do	O. M. McGhee	do	32
643	do	F. W. Gault	do	20 14
644	100 0000000			

0.	Date.	To whom.	For what.	Amou
	1913.	H. C. Wheeler S. V. Holt. Weil Brothers C. J. Welch Hibbard, Spencer, Bartlett & Co. Western Carbon & Ribbon Co. Weis Mfg. Co. Illinois Printing Co. Alberene Stone Co. McIntosh Stereoptican Co. J. Horace McFarland Co. Messrs. Poehlmann Bros. Co. D. Hurd.	6	
345	Sept. 2ö	H. C. Wheeler	Traveling expenses	\$ 33 55 12
346 347	do	Woil Brothers	doPlumbing materials	55
148	do	C. I. Walch	Building materials	11 21 161 41 204 12
349	do	Hibbard Spencer Bartlett & Co.	Building materials. Office supplies	21
550	.do	Western Carbon & Ribbon Co	onice supplies do do Printing Laboratory apparatus repairs Library and Laboratory supplies	161
51	do	Weis Mfg. Co	do	41
552	do	Illinois Printing Co.	Printing	204
53	do	Alberene Stone Co	Laboratory apparatus repairs	12
54	do	McIntosh Stereoptican Co	Library and Laboratory supplies.	3
55	do	J. Horace McFarland Co	Express.  Laboratory supplies.  Supplies.  Refund on laboratory fee.	13 198 198 15 19
56	Sept. 27	Messrs. Poehlmann Bros. Co	Laboratory supplies	13
57	do	D. Hurd	Supplies	198
58	do	Mr. W. C. Athon	Refund on laboratory fee	15
59	do	Heath & Milligan Mfg. Co	Kelling on laboratory lee. Supplies do. Painting Field expenses. Laboratory apparatus. Sledge hammer handles. Szraws	19
60	do	R. H. Fermier	. do	19
61	do	Bacon Brothers	Painting.	4.110
62	do	The Olney Daily Mail	Field expenses	4
63	do	Hunter, Rourke & Co	Laboratory apparatus	33
64	do	Denoised & Manual and	Sledge nammer nandles	
65 66	ao	I W Butler Pener Co	Office supplies	40
67		P I Foley Contractor	Moving glass houses	48 2, 125
67 68	do	Marshall Field & Co	Office supplies	2, 125
60	do	Messrs. Poehlmann Bros. Co. D. Hurd. Mr. W. C. Athon. Heath & Milligan Mfg. Co. R. H. Fermier. Bacon Brothers. The Olney Daily Mail Hunter, Rourke & Co. John H. Doyle. Percival & Moorehead J. W. Butler Paper Co. P. J. Foley, Contractor Marshall Field & Co. The Burr Co. F. K. Robeson. Eberhard Faber.	Machine renairs	11
69 70 71	do	F. K. Robeson	Cork carnet	11
71	do	Eberhard Faber	Office supplies	180 10 4
72	ا ۸۵ ا	United States Rhia Print Paper Co	do	100
$\tilde{73}$	do	United States Blue Print Paper Co. The Taylor Hardware Co. Illinois Malleable Iron P. S. Campbell Alexander Lumber Co. Leavitt Mfg. Co. Grasselli Chemical Co Library Bureau. Ginn & Co. Boorum & Pease Loose Leaf Book Co. Sanford Mfg. Co. John C. Moore Corporation. The U. of I. Supply Store. Irving-Pitt Mfg Co. Crane Co. G. Cramer Dry Plate Co. A. C. McClurg & Co. Tower Mfg & Novelty Co. George Strode. Merk & Co. Illinois State Reformatory. Illinois State Reformatory. Illinois State Reformatory. Knowlton & Bennett Flanigan-Pearson Co. Stipes & Hecker. Central Electric Co. D. H. Lloyde. Peoples Gas Light & Coke Co. The Letter Shop Bacon Brothers. Barnhart Brothers. Pay roll. Bowen, Evalena. Brown, C. F. Brown, E. J. Broyles, R. F. Bruth C. Campbell, Mason. Chaplin, Ralph. Coffey, J. H. Curry, Florence J. Feldkamp, Amelia Gallaher, Marion B. Grabbe, Florence H. Heebert, J. J. Lungerich, C. T. McQueen, H. D. Miller, W. W. Mink, George Mink, J. D.	do. General supplies Supplies. Rubber stamp	4
73 74	do	Illinois Malleable Iron	Supplies	•
75	do	P. S. Campbell Alexander Lumber Co Leavitt Mfg. Co Grasselli Chemical Co Library Ruseau	Rubber stamp	
76	do	Alexander Lumber Co	Fencing	
77	do	Leavitt Mfg. Co	Laboratory apparatus	15
78	do	Grasselli Chemical Co	Laboratory supplies	
79	do	Library Bureau	Office supplies	52
80	do	Ginn & Co	do	3 24
81 82	do	Boorum & Pease Loose Leaf Book Co	. do	24
82	do	Sanford Mig. Co		6
83	do	John C. Moore Corporation		6 5 27
84	do	The U. of I. Supply Store		27
83 84 85 86		Crone Co	Dlumbing	168
07	do	G Cramor Dry Plata Co	Conoral symplics	12
87 88	do	A C McClurg & Co	Supplies	9
89	do	Tower Mfg & Novelty Co	Office supplies	45
90	do	George Strode	Supplies	64 107 228 210
91	do	Merk & Co	Advertising	107
92	do	Illinois State Reformatory	Supplies	228
93	do	Illinois State Reformatory	. do	210
94	do	Knowlton & Bennett	Office supplies	7 195
95	do	Flanigan-Pearson Co	Supplies	195
96 97	do	Stipes & Hecker	. do	11
97	do	Central Electric Co	Electrical materials	97
98 99	do	D. H. Lloyde	Suppnes	19 17
99	do	reopies Gas Light & Coke Co	Clarical aggistance	17
00 01 02 03	do	Pagen Prothers	Conoral supplies	6
77	do	Rarnhart Brothers	Sunnlies	26 1,521
12	do	Pav roll	Civil service	1 591
יי		Bowen Evalena	Wages, September, 1913 965 00	1,021
- 1		Brown, C. F	do	
	1	Brown, Edward	do	
	. 1	Brown, E. J	do	
ļ		Broyles, R. F	do	
1	Į:	Burt, Ruth C	do	
- 1	j.	Campbell, Mason	do 31 50	
1	ŀ	Chaplin, Ralph	do 60 00	
- 1	- 1	Coffey, J. H	Jdo	
- [	į.	Curry, Florence J	do 30 00	
- 1		reidkamp, Amelia	do	
-		Gallaher, Marion B	do	
		Grappe, Florence H	do	
- 1		Heatn, Wm		
- 1		Herbert, J. J		
		unigerich, C. T	do	
- 1	:	Millor W W	uo	
1	1:	Mink Goorgo	75 00 47 50	
Ì	:	Mink T D	do #7 00	
		илик, б. П		

Vo.	Date.	To whom.	For what.	Amoun
	1913.	Moore, H. E Mount, Harold Nesbit, Lawrence Page, Mrs. Lenora S Proesel, Wm Redman, Louise E Reid, Olive G Reynolds, Mrs. Elizabeth Riggs, Bess Sayer, Climt Shaffer, Guy Stives, M. F Shipman, Cash Pay roll Argo, Roy Buckles, Mildred E Coole, J Cook, Jesse Cover, Hazel Crathorne, Anna Crawford, T. P Custer, Emma L. Foor, H Gage, Marjorie H Halliday, Mabel Harolle, Claude Hough, William Jenkins, Elmer Kelley, J. R McIntire, W. A Meenach, Earl Miller, Mary Moore, P. O Patterson, Will Pergande, R Poll, Lillian Pritchard, H Pritchard, R Pulling, Elizabeth Rhoads, Hazel Rose, M. D Sharp, Ethel Sprinkle, D. C Stoneburner, A. J Stricklan, Freda Wheeler, H. H White, Loretto Wilson, R. W. Pay roll Barlow, Bronson Hepburn, N. W. Pay roll Anderser, J. R.		-
703	Sept. 27	Moore, H. E	Wages, September, 1913 \$ 50 00	
Cld.	_	Mount, Harold		
		Nesbit, Lawrence	do	1
		Proced Wm	do 50 00	
		Redman Louise E	do 34 66	
	1	Reid, Olive G.	i_do50 00	
		Reynolds, Mrs. Elizabeth	do	1
		Riggs, Bess	do 30 00	
•		Sayer, Clint	do35 00	
		Shaffer, Guy	do	ł
		Shinman Cash	do 45 00	
704	do	Pay roll.	Civil service	\$2,045
		Argo, Roy	Wages, September, 1913 55 00	<b>V</b> =,
		Barto, Lucy M	do 20 00	
		Buckles, Mildred E	do 65 00	
		Conley, M. J.	do	
		Cover Hezel	do 60 00	İ
		Crathorne, Anna	do 50 00	
		Crawford, T. P.	do	
		Custer, Emma L	do 70 00	
		Foor, H.	do	
		Gage, Marjorie H		
		Harolla Clauda	do 40.00	
		Hough, William	_do83_33	
		Jenkins, Elmer	do 60 00	
		Kelley, J. R.	do 57 50	
		McIntire, W. A	do 50 00	
		Meenach, Earl	do 65 00	ŀ
		Moore P O	d0	
		Patterson Will	do 50 00	
		Pergande, R.	_do95 00	
		Poll, Lillian	do	
		Pritchard, H	do	
		Pritchard, R.	do60 00	
		Phoods Hozel	do 60 00	
		Rose, M. D	do 52 50	
		Sharp, Ethel	do	
		Sprinkle, D. C	do 50 00	
	:	Stoneburner, A. J.	do 50 00	
		Stricklan, Freda	do 65 00	
		White Loretto		
		Wilson, R. W	_do65_00	
705	do	Pay roll.		358
		Barlow, Bronson	Salary, September, 1913 150 00	
<b>=</b> 00	_	Hepburn, N. W	do	
706	do	Pay roll	Wages, September, 1913. 65 00	2,477
		Andrews T R	do	ĺ
		Badges, C. J	do	1
		Beaumont, G. S.	do	
		Bennett, W. L	do 70 00	
		Burdick, I. F	do	
		Compbell C A	do	
		Carlson, M. R.	do60 00	
	1	Cate, H. A	do	
	] !	Chapman, C. C	do 100 00	
		Crouch, H. E	do 115 00	
	l i	DeWerff, J. H	do	
		Free W T	do	
		Fullenwider T	do	
	i	Gault, F. W	do	i
		Grantham, G. M	do	
	Į -	Garver, Earl	do	
	1	Hantord, W. W	do	
	1	Hinkley G M	do	
	1 !	Hunter L. A	do	
	1	Tonge Garfield	do	
		Barlow, Bronson Hepburn, N. W Pay roll Anderson, J. C Anderson, J. C Anderson, J. C Badges, C. J Beaumont, G. S Bennett, W. L Burdick, I. F Burwash, A. E Campbell, C. A Carlson, M. R Cate, H. A Cote, H. A Cote, H. A Cote, H. A Cote, H. B Cote, H. A Cote, H. C Crouch, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H. E Cound, H.	do	

No.	Date.	To whom.	For what.	Amoun
	1012	McGee, O. M. Palfrey, J. R. Pine, Fred Reed, Alice Rigg, C. L. Rising, John Romine, J. F. Sims, Flora M. Smith, J. F. Spaulding, Charles Stark, R. W. Taylor, S. C. Thomas, Melvin Torgerson, E. F. Tornquest, Andrew Walters, Philip Pay roll Diekman, T. W. Engle, Ralph Glover, R. C. Houff, J. O. Morray, Ralph Stoutzenberg, Florence. Tornquist, Andrew Huff, J. O. Morray, Ralph Stoutzenberg, Florence. Tornquist, Alpha Dr. H. A. Harding Korten Brothers Co. McIntosh Stereopticon Co. Dryer & Burt. Freeland Howe, Jr Freeland Howe, Jr Fuller & Fuller Co. Linde & Fruller Co. Linde & Fruller Co. Linde & Bryan Marsh Electric Works Garrison Brass & Machine Works. Gunster Brothers Comstart Electric Co. Bayan Marsh Electric Co. Bayan Marsh Electric Co. Bacon Brass & Machine Works. Gunster Brothers. Central Electric Co. Bacon Brothers. F. K. Robeson Chas. A. Hall Hardware Co.		
1706	Sept. 27	McGee, O. M.	Wages, September, 1913. \$32 88	
Й.		Palfrey, J. R.	Wages, September, 1913. \$32 88 do	
		Pine, Fred	do	
		Reed, Alice	do 55 00	
	ł	Rigg, C. L	do	
	Į.	Rising, John	do	
	j	Romine, J. F.	do	
	i	Smith T D	.do	
	ĺ	Sneulding Charles	do 70 00	
	ļ	Stark. R. W	do	
		Taylor, S. C.	do	
		Thomas. Melvin.	do	
	[	Torgersón, E. F	do 50 00 do 75 00	
	1	Tornquest, Andrew	do 75 00	
	l <u>.</u> .	Walters, Philip	do 75 00	
707	do	Pay roll		\$ 377
		Diekman, T. W	do	
	ł	Engle, Ralph	do	
		Ullover, R. C	do	
		Morroy Dolph	do	
	1	Stoutzonborg Florence	do	
		Tornguist Alpha	do	
050	Sept. 29 Sept. 30	Dr. H. A. Harding.	. do	92
060	Sept. 30	Korten Brothers Co.	Breakfast tea	1
07a	do	McIntosh Stereopticon Co	Laboratory apparatus repairs	2 2 30 100
08	do	Dryer & Burt	General supplies	. 2
708 709	do	Freeland Howe, Jr	Laboratory supplies	30
710	do	Fuller & Fuller Co	do	100
11	do	Linde Air Products Co	do	1
712	do	Ingersoll-Rand Co	Machine repairs	30
713	do	Allis-Chalmers Mfg. Co	Machinerepairs	5
14	do	Bryan Marsh Electric Works	General supplies	30 5 35
715 716	do	Garrison Brass & Machine Works	Machinery	40
716	do	Gunster Brothers	Machinery	30
717	ao	Central Electric Co	Laboratory apparatus	3
718	do	Bacon Brothers	Building materials	Ţ
719 720		r. K. Robeson	Carpet	30 3 1 1 2 33 14 6
721	do	Englarial Doct Co	Laboratory apparatus	Ţ
22	do	Westinghouse Electric & Mfg. Co.	Canaral cumplies	32
722 723	do	Twin City Roofing & Sheet Metal Works	Ruilding materials	14
724 725 726 727	- do	Lawyers Leather Brief Case Mfg. Co.	Office supplies	6
25	do	D. H. Lloyde	Laboratory supplies	ĭ
26	do	B. C. Ames Co.	Laboratory apparatus	30 2
27	do	American Steel & Wire Co	Laboratory apparatus repairs	2
28	do	Sears, Roebuck & Co	Laboratory apparatus	18
29	do	H. A. Hollister	Traveling expenses	18 9
30 31	do	B. E. Powell	Traveling expenses	10 41 360
31	do	S. E. Huff & Co	Machine repairs	41
32	do	S. D. Hicks & Son	Laboratory apparatus	360
33	do	Eugene Dietzgen	Supplies	ĵ
34	ao	A. W. Jamison	Traveling expenses	360 1 5 9 6 14 2 54
35 36	uo	Povol A Stings	Laboratory apparatus	9
37	do	The Rurr Co	գջ որհութջ	14
37 38	do	Ernest Hertzherg & Song	Books	14
39	do.	McMaster-Carr Supply Co	Machine repairs.	54
40	do	Knowlton & Bennett	Supplies	6
41	do	E. H. Sargent & Co.	Laboratory supplies	6 431
42	do	S. E. Huff Mfg. Co	Supplies.	7
43	do	S. E. Dillavou	do	14
44 45	do	Taylor Hardware Co	General supplies	14 3 1,001 95 128
45	Oct. 1	O. E. Staples, Bursar	Student labor bills paid	1,001
46 47	do	O. E. Staples, Bursar	Express bills paid	95
47	do	O. E. Staples, Bursar	Sundry bills paid	128
48 49	do	H. C. Lawson	Traveling expenses	12 7
49	do	w. r. Miller	do	.7
50	do	George E. Rice.	do	10
51	do	Carroll J. Badger	do	6 17 27
52 53	do	Garneld Jones	do	17
20	qo	Proi. I. U. Baker	ao	27
54	go	H. E. Cunningnam		21
55	do	H. W. SteWart		15 10
756	do	Freeland Howe, Jr Fuller & Fuller Co. Linde Air Products Co. Ingersoll-Rand Co. Allis-Chalmers Mig. Co. Bryan Marsh Electric Works. Garrison Brass & Machine Works. Garrison Brass & Machine Works. Gunster Brothers. Central Electric Co. Bacon Brothers. F. K. Robeson Chas. A. Hall Hardware Co. Frederick Post Co. Westinghouse Electric & Mig. Co. Twin City Roofing & Sheet Metal Works Lawyers Leather Brief Case Mig. Co. Twin City Roofing & Sheet Metal Works Lawyers Leather Brief Case Mig. Co. D. H. Lloyde. B. C. Ames Co. American Steel & Wire Co. Sears, Roebuck & Co. H. A. Hollister B. E. Powell S. E. Huff & Co. S. D. Hicks & Son Eugene Dietzgen A. W. Jamison Hunter, Rourke & Co. Royal A. Stipes The Burr Co. Ernest Herizberg & Sons. McMaster-Carr Supply Co. Knowlton & Bennett E. H. Sargent & Co. S. E. Dillavou Taylor Hardware Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar		10
57	ao	Ulias, ri. Milis		53 17
758 759	OUE. 2	F. W. Wascher. Wm. Schlotzhauer.	Tiold avnange	17
		w III. ocniotznaner	r tem expenses	17

۰.	Date.	H. P. Rusk H. C. Wheeler Harrison Fahrnkopf. C. C. Logan. E. E. Hoskins. Robert W. Stark. R. W. Diekenson. Professor M. H. Robinson. Champaign County Abstract Co. A. S. Colby. B. S. Pickett. C. A. Denman. Illinois Motor Car Sales Co. General Electric Co. Savage & Woods. The Underwood Typewriter Co. Keuffel & Esser Co. Bausch & Lomb Optical Co. H. Mueller Mig. Co. Bausch & Lomb Optical Co. H. H. Lloyde. Rundle-Spence Mig. Co. Sengbusch Self-Closing Insktand Co. Whiting Paper Co. The Weis Mig. Co. Sanford Mig. Co. Sanford Mig. Co. Sanford Mig. Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Handschin. The Secretary, University Press. Joseph Baer & Co. The Garden Cities & Town Planning Assn. Ernst Hertzberg & Sons Flanigan-Pearson Co. Bacon Brothers. Tice & Lynch. Eisner Grocery Co. A. J. Gunderson. O. E. Staples, Bursar Pay roll (civil service) Arrington, C. E. Atwell, M. W Bailley, J. E. Barnes, V. R. Brannigan, John Brown, Basil. Brown, Harry. Bullock, D. M Buller 'Thomas Ceduskey, John Crathorne, F. Cunningham, F. Davis, Jos. Dibble, E. P. Downing, H. Fay, T. J. Freder, Fred Frender, Louie. Fiscus, J. J. Frender, Fred Frender, Louie. Fiscus, J. J. Frender, Fred Frender, Louie. Fiscus, J. J. Freden, C. Y. Goodspeed, W. H. Hamlin, Sell. Hanson, Saml Hargan, E. Henderson, T. O. Hill, Charles Huxton, Frank Irvine, James Jones, Margaret	For what.	Amou
	1913.		,	
30 31	Oct. 2	H. P. Rusk	Traveling expenses	\$ 2 53 28 14
31	do	H. C. Wheeler	do	53
12	do	Harrison Fahrnkonf	do	28
32	do	C. C. Logan	do	14
34 1	do	E E Hoskins	do	. 24 17 48 25
34 55	do	Robert W Stork	do	17
36		D W Dielengen	do	16
57 58 59 70		Drofoggor M TT Dobingon	T octured	40
26	do	Character County Abstract Co	A between	25
00	do	Champaign County Abstract Co	Abstracts	5 6 12
9	do	A. S. Colby	Traveling expenses	6
(0)	do	B. S. Pickett	do.,	12
71 72 73	do	C. A. Denman	Painting	216 11 15
72	do	Illinois Motor Car Sales Co	Livery, representatives	11
73	do	General Electric Co	Office équipment	15
74	do	Savage & Woods	Legal services	125
74 75 76	Oct. 3	The Underwood Typewriter Co	Office supplies	24
16	do ,	Keuffel & Esser Co	Office supplies	40
77	40	Rausch & Lomb Ontical Co	Laboratory gunnling	0.27
0	do	H Mueller Mfg. Co	Tools	17
0		D. T. Tlands	0.6600 annualing	14
9	do	р. н. гюуае	Omce supplies	1 7
8 79 80	do	Kundle-Spence Mig. Co	Apparatus repairs	15 125 24 40 967 17 7
31	do	sengpusch Self-Closing Insktand Co	Omce supplies	24
32	do	Whiting Paper Co	do	60 53 4 71
33	do	The Weis Mfg. Co	do	53
34 35	do	Sanford Mfg. Co	do	4
5	do	Hunter, Rourke & Co	Building materials	71
8	40	American Lead Pencil Co	Office supplies	ı ŝ
6 7		W W Vann	Traveling avnenges	5
8		F A Dogram	Travoring exponses	30
00	··•do····-	W F Handachin	do	10
9 10 12	qo	W. F. HallQSCHIII	T diament and line	18
0	do	The Secretary, University Press	Liprary supplies	2 87
1	do	Joseph Baer & Co	do	87
2	do	The Garden Cities & Town Planning	<u> </u>	
- 1	- 1	Assn	Subscription	1
3	do	Ernst Hertzberg & Sons	Binding books	46
4	do	Flanigan-Pearson Co	Printing	7
5	do	Bacon Brothers	Building materials	1
6	do	Tice & Lynch	One case books	8
5 6 7		Figner Greenw Co	Sunnlies	55
8	uo	A I Gundargan	Trovaling avnances	12
8	Oct. 4	A. J. Gunderson	Ctu donta paid in each	010
9	ao	O. E. Staples, Bursar	Students paid in cash	213
00	do	O. E. Staples, Bursar	Express oms paid in casi	1 46 7 1 8 55 13 213 213 92 9, 724
1	ao	Pay roll (clvii service)	777 G1 1019 A 60 00	9, 724
- 1	1	Arrington, C. E	wages, september, 1913 \$ 63 00	
	<b>)</b>	Atwell, M. W	do 54 60	
ĺ	1	Bailey, J. E	do 61 32	
		Barnes, V. R.	do 93 60	
		Brannigan, John	do 81 90	
- 1	l l	Brown Basil	do 67 20	
		Brown Harry	do 36.75	
- 1	. [:	Bullock D M	40 8£ 20	
- 1	l:	Butler Thomas	do 24 17	
. 1	[:	Codual or Tohn	uo	
٠. ا	· [	Chathana D	uo	
- 1	}'	Cramorne, F	uo 84 50	
		Cunningnam, F	ao 110 07	
		Davis, Jos	ao	
1	:	Dibble, E. P	do 83 03	
- 1	1	Downing, H	do 59 17	
- 1	1	Fay, T.J.	do 93 00	
- 1	Į.	Fender, Fred	do 83 70	
- [	1:	Fender, Louie	do	
- 1	ļ:	Fiscus I. I	do 64 40	
- 1	j:	Forgerty F	do 54 go	
- 1	:	L Ogarty, I		
	1:	rogarty, w		
- 1	l:	rox, Guy	do 61 33	
	1.	rreeman, C. Y	ao 58 59	
- 1	10	Goodspeed, W.S		
- 1	- 10	Graybeal, W. H	do 63 00	
ſ	11	Hamlin, Sell	do 52 00	
	- 15	Hanson, Saml	do 70 00	
1	[:	Hargan E	do 69 79	
- 1	ł	Handarson T O	do 105 961	
	ļ:	Hill Charles	do 0# 04	
- 1	. :	Histor W. C	do #0.00	
1	1:	пьш, W. U		
ı	[-	Hunt, O. L	ao	
	1	Hutton, Ross	do	
	1-		do 74.95	
	lj	irvine, Frank		
		Irvine, Frank	.do	

No.	Date.	To whom.	For what.	Amour
	1913.	Justus, E. W  Langhoff, A  Langhoff, Fred  Lewis, E. C  Litton, A. C.  Long, Thomas  Magnuson, A. O  Mahorney, H. H  McAllister, A. J  McClughen, Frances  McCulough, James  McCulough, James  Meenach, O. E  Meneely, Dan  Meyers, Jesse  Miller, C. M  Moran, A.  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Morgan, J. E  Nikolaus, Jacob  Perry, F. M  Purkins, J. F  Quinn, William  Richards, Ed  Ryan, Mary E  Servis, A.  Sinclair, C. R  Smith, W. J  Snyder, J.  Stateler, F  Templin, William  Tillotson, I. F  Toy, George  Warmbier, August  Wharmby, Ed  Wilde, William  Wilson, Frank  Booher, M. C  Booker, A. J  Boswell, Andrew  Boswell, Andrew  Boswell, Andrew  Boswell, Andrew  Boswell, Mathew  Carothers, Cevilla  Carson, Rolla A		
801	Oct.	Justus, E. W	Wages, September, 1913 \$108 00	
Ctd.		Langhoff, A	do	4
		Langnon, Fred	do 60 30	:
		Litton, A. C.	-do30 66	
	1	Long, Thomas	do	
	1	Magnuson, A. O	jdo	)
	ļ	Manorney, H. H	do 68 54	
		McClughen Frances	do 44 20	
		McCulough, James	-do60 72	
		Meenach, O. E	do	
	1	Meneely, Dan	do	·)
	1	Meyers, Jesse	do	1
		Miller, C. M	do 70 00	
	1	Morgan J. E	do 10 00	}
		Morgan, Rebecca	do	
	1	Murphey, Ruthe	do	.}
	1	Nagle, Sybil	do	i
	İ	Newton, J. R.	do	1
		Perry F M	do 69 56	
	į.	Purkins, J. F.	.do	1.
	l	Quinn, William	do	ıl .
	İ	Richards, Ed	do 100 80	۱.
	l	Ryan, Mary E	do	1
		Sinclair C R	do 54 00	
	l	Smith. W. J	do	
	l	Snyder, J	do 54 60	
		Stateler, F	do 75 68	
	1	Templin, William	do	
		Toy Coorge		
		Turner George	do 67 85	
	l	Warmbier, August	do	l .
	l	Wharmby, Ed	do	
		Wilde, William	do 93 93	
	ŀ	Wilson, Frank	do	
	l	Booker A T	do 75 60	1
		Boswell, Andrew.	do	
		Boswell, James	do	ļ
		Boyer, G. W.	do	
		Cambell, Mathew	do	1
		Carson Rolls A	do	
		Cheever, J. W	do50 00	
		Collins, A. L.	do	1
		Craig, J. D.	do 90 00	
		Crawford, R. W	do	
		Dovie C M	do	
		Dunseth, C. A	do	i
		Dunseth, J. M.	do	
- 1		English, B. F	do 63 02	
		Ensor, Russell	do 54 40	1
		Fechtruph, Herman	do	
- 1		Franklin F T	do	
)		Glenn V. S.	do	
Ì		Griffin, G. C.	do	
1		Gundloch, Chas	do	
		Hickey, J. B	do	
		Hogens, Harry	do 82 66	
1		Hoover, F. F.	do	
I		Johnson, C. C.	do	1
1	i	Johnson, A. L.	do	1
1		Kliem, J. A. J.	do	
		Langhoff, Wm	do	
		Lannam, K. B	do	<b>:</b>
		Manley Verna	do	1
1		Boswell, James Boyer, G. W. Cambell, Mathew. Carothers, Cevilla Carson, Rolla A Cheever, J. W. Collins, A. L. Craig, J. D. Crawford, R. W. Cunningham, Perley Davis, C. M. Dunseth, C. A Dunseth, S. F. Ensor, Russell Fechtruph, Herman Fiscus, J. C Franklin, F. T Glenn, V. S. Griffin, G. C. Gundloch, Chas Hickey, J. B Higgins, Harry Hooker, Fred Hoover, F. F Johnson, C. C Johnson, A. L Kliem, J. A. J. Langhoff, Wm Lanham, R. B Long, J. F Manley, Verna. Markham, Kenneth Mathom, C. E May, U. G Mink, G. C. Minn, G. C. Mink, G. C. Mink, G. C.	do	1
		Mattoon, C. E.	do	1
		May, U. G.	do 53 40	
- 1		Mink, G. C.	do	ì

More   C. P.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .	o.   I	Date.	To whom.	For what.	Amou
More, C. P.   do   do   do   do   do   do   do   d		1913.			
Moore, C. P.	01  Oc	et. 4	Mink, W. M	Wages, September, 1913	\$39 81
Neison, C. Q.	d.		Moore, C. P.	do	46 00
Festerson Nick	- 1		Nelson, C. Q.	do	53 00
Reed   B   L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .	1		Peterson, Nick	do	52 40 97 60
Sandwell, Martin	- 1		Reed R L	do	58 00
Smaley, G. F.   do   16 0			Sandwell, Martin	do	79 60
Snook, Orval	- 1		Smalley, G. F.	do	16 00
Sowers, A. L.	ı		Snook, Orval	do	57 75
Speaks, Marion E	1		Sowers, A. L.	do	48 00
Speedie, A. C.	- 1		Sparks, Marion E	do	60 00
Stearns, D. M.	ĺ		Speedle, A. C.	do	74 40
Stirbally   A			Stearns, L. M.	00	63 00
Trimble, W. W.			Thomson H T	do	56 90
Vanderbeck H. J.   do   375	- 1		Trimble W W	do	37 40
Vandeventer, J. H.   do   60 00   Valuble, Daniel   do   60 00   Wilson, Wesley   do   84 8   Wright, Amos   do   90 00   Ambros A. S.   do   26 00   do   34 60   do   32 60   do   32 60   do   32 60   do   do   do   do   do   do   do   d			Vanderheck H I	do	7 :50
Vauble, Daniel   do   60 0 0   Wilson, Wesley   do   84 84 84   Wright, Amos   do   90 0   Ambros A. S   do   26 0   Bagusin, A   do   do   34 0   Bagusin, A   do   do   32 0   Barkman, C. P   do   2 4   Barrett, Frank   do   17 2   Borestra, S. P   do   12 9   Breedis, John   do   16 9   Britton, F. E   do   10 3   Britton, F. E   do   10 3   Britton, W. E   do   10 3   Britton, W. E   do   25 0   Christy, Glen.   do   4 4   Coen, E   do   4 4   Coen, E   do   4 4   Coen, E   do   4 4   Coen, E   do   4 4   Goen, E   E   do   4 4   Goen, E   E   do   4   Goen, E   E   do   4   Goen, E   E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen, E   Goen,	- 1		Vandeventer, J. H.	- do	90 00
Wilson, Wesley			Vauble, Daniel	do	60 00
Wright, Amos	- 1		Wilson, Wesley	do	84 80
Ambros, A. S.	- 1		Wright, Amos	do	90 00
Bagusin, A.	- 1		Ambros, A. S.	do	26 00
Bairsman, U. F.	- 1		Bagusin, A		34 60
Boomstra, S. P.   do   12 st	- 1		Barrett Fronk	do	17 20
Breedis, John	Ì		Boomstra S P	do	12 95
Britton, F. E.   do   10 3t	-		Breedis, John	do	16 90
Britton, W. E.   do   7 44	ı		Britton, F. E	do	10 30
Brown, Kenneth	- 1		Britton, W. E.	do	7 44
Christy, Glen			Brown, Kenneth	do	25 00
Cleghorn, Belle			Christý, Glen	do	3 40
Coen, E. E.   do   49 30	- 1		Cleghorn, Belle	do	4 40
COX, C. G.   do	- 1		Coen, E. E.	do	10 31
Dalielson, R. R.   do   23 20	- 1		Cox, C. G.	do	49 30
Dastey, P. A.	- [		Danielson, R. R.	do	17 50
Ernest, Ruth	- 1		Enninger I G	do	23 20
Ernst, Elmore	- 1		Ernest Ruth	do	4 00
Eschauzer, Lewis. do 177 66 Farley, F. W do 34 38 Foulke, C. C do 177 Furukawa, S do 102 Gage, J. H do 24 Gauger, J. F do 550 Gauger, R. W do 175 Gideon, C. R do 150 Halliday, Ruth do 36 Hallquist, Mrs. A do 36 Halring, Mildred do 25 Heltrich, O. L do 40 Horning, R. A do 112 Hubbard, Marie do 112 Hubbard, Marie do 113 Inagaki, Nole do 26 Ingalls, Horace do 23 Klein, George do 23 Kirkpatrick, F. A do 13 Larson, Martha S do 63 Lee, Carrie A do 37 Luymon, L. T do 37 Luymon, L. T do 37 Luymon, L. T do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 34 Magruder, Denton do 36 Metredith, La Verne do 37 Meredith, La Verne do 38 Mitchell, Helen do 38 Mitchell, Helen do 38 Mitchell, Helen do 38 Mitchell, Helen do 38 Mitchell, Helen do 38 Mitchell, Helen do 38 Mitchell, Helen do 36 Mitchell, Grace do 20 Nelson, Marthal Go 48 Magruder, Denton do 38 Mitchell, Grace do 20 Nelson, C. R	- 1		Ernst, Elmore	do	31 75
Farley, F. W	- 1		Eschauzer, Lewis	do	17 60
Foulke, C. C. do 177 Furukawa, S. do 10.22 Gage, J. H. do 246 Gauger, J. F. do 550 Gauger, R. W. do 175 Gideon, C. R. do 150 Halliday, Ruth do 36 Halliday, Ruth do 36 Halliday, Ruth do 36 Halliquist, Mrs. A. do 82 Harting, Mildred do 25 Helfrich, O. L. do 40 Horning, R. A. do 112 Hubbard, Marie do 113 Inagaki, Nole do 113 Inagaki, Nole do 26 Ingalls, Horace do 34 Klein, George do 28 Kirkpatrick, F. A do 132 Larson, Martha S do 32 Lusson, Martha S do 37 Lee, Carrie A do 37 Lymon, L. T do 49 Lymon, L. T do 49 Lymon, L. T do 49 Magruder, Denton do 48 Marguder, Denton do 48 Maredith, LaVerne do 27 Meredith, Ina V do 37 Meredith, Laverne do 37 Meredith, Laverne do 38 Miller, F. R do 29 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Meredith, Laverne do 38 Miller, F. R do 20 Mitchell, Helen do 82 Nelson, C. R	-		Farley, F. W	do	34 39
Furukawa, S.	- 1		Foulke, C. C.	do	1 70
Gage, J. H.	- 1		Furukawa, S	do	10 25
Gauger, R. W			Gage, J. H.		2 40
Gideon, C. R.   do   15 00	- 1		Course D W	do	17 50
Halliday, Ruth			Gideon C P	do	15 00
Hallquist, Mrs. A do 8 20 Harting, Mildred do 25 Helfrich, O. L. do 40 60 Helfrich, O. L. do 40 50 Helfrich, O. L. do 40 112 Hubbard, Marie do 111 30 Inagaki, Nole do 113 Inagaki, Nole do 34 Inagaki, Horace do 34 60 Ingalls, Horace do 34 60 Klein, George do 32 65 Klein, Nan do 23 65 Klein, Nan do 23 65 Klein, Nan do 33 60 Larson, Martha S do 13 20 Larson, Martha S do 50 Lee, Carrie A do 55 Leggitt, Frank do 55 Leggitt, Frank do 37 Lymon, L. T do 43 Lymon, L. T do 43 Korkskill, K. A do 34 Magruder, Denton do 48 Mateer, Howard do 62 Meredith, Ina V do 27 Meredith, La Verne do 83 Miller, F. R do 20 Mitchell, Helen do 85 Nelson, C. R do 32 Nelson, C. R			Halliday Ruth	do	3 60
Harting, Mildred   do	- 1		Hallquist, Mrs. A	do	8 20
Helfrich, O. L.   do	- 1		Harting, Mildred	do	2 50
Horning, R. A	- 1		Helfrich, O. L.	do	40 50
Hubbard, Marie.	1		Horning, R. A.	do	11 20
Inagaki, Noie			Hubbard, Marie	do	11 30
Higans, Horace   d0   34 bit     Klein, George   d0   22 6 5 the     Klein, Nan   d0   23 9 the     Kirkpatrick, F. A   d0   13 2 the     Larson, Martha S   d0   6 0 the     Lee, Carrie A   d0   5 5 the     Legitt, Frank   d0   23 2 the     Linsley, C. M   d0   3 7 the     Lynon, L. T   d0   44 9 2 the     Lyons, T   d0   44 9 2 the     Lyons, T   d0   34 30 the     McKaskill, K. A   d0   34 30 the     Magruder, Denton   d0   4 80 the     Mateer, Howard   d0   6 25 the     Meredith, La Verne   d0   27 13 the     Meredith, La Verne   d0   8 30 thickell, Helen   d0   20 the     Mitchell, Grace   d0   25 80 the     Melson, C. R   d0   20 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the     Melson, C. R   d0   48 80 the	1		Ingalia Harasa		2 60
Richi, Sedige			Vlain George	do	26 50
Kirkpatrick, F. A			Klein Nen _	do	23 90
Larson, Martha S			Kirknatrick, F. A.	_do	13 20
Lee, Carrie A   do   55			Larson, Martha S.	do	6 00
Legitt, Frank   do   23 25	- 1		Lee, Carrie A	do	5 50
Linsley, C. M			Leggitt, Frank	do	23 28
Lymon, L. T.   do   49 22	- 1		Linsley, C. M	do	3 75
Lyons, T	- 1		Lymon, L. T.	do	49 25
MCK 85RIII, K. A			Lyons, T.	do	19 80
Mateer, Jenton   d0   4 80   Mateer, Howard   d0   6 25   McVay, T. N   d0   50 00   Meltz, N   d0   20 60   Meredith, Ina V   d0   27 13   Meredith, LaVerne   d0   8 30   Miller, F. R   d0   2 00   Mitchell, Grace   d0   25 80   Mitchell, Helen   d0   8 25   Nay, E. O   d0   2 00   Nelson, C. R   d0   2 48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   48   Nelson, M. R   d0   d0   48   Nelson, M. R   d0   d0   d0   d0   Melson, M. R   d0   d0   d0   d0   d0   Melson, M. R   d0   d0   d0   d0   d0   d0   d0			McKaskiii, K. A	uo	34 39
MacVey, T. N   do   50 20			Meteer Howard	do	6 95
Melts, N   do   20 60     Meredith, Ina V   do   27 13     Meredith, LaVerne   do   8 30     Miller, F R   do   20 00     Mitchell, Grace   do   25 80     Mitchell, Helen   do   8 25     Nay, E. O   do   2 00     Nelson, C. R   do   48 8     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March   do   48     Nelson Miller, March March March March   do   48     Nelson Miller, March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March Marc	,		McVay T N	do	50 00
Meredith, Ina V   do   27 13     Meredith, LaVerne   do   8 30     Miller, F. R   do   2 000     Mitchell, Grace   do   25 80     Mitchell, Helen   do   8 25     Nay, E. O   do   2 00     Nelson, C. R   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson, March   do   48     Nelson   do   48     Nelson   do   48     Nelson   do   48     Ne			Meltz, N	do	20 60
Meredith, LaVerne.   do   8 30   Miller, F R   do   2 00   Mitchell, Grace.   do   25 80   Mitchell, Helen   do   8 25   Nay, E O   do   2 00   Nelson, C, R   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shelson M   do   48   Shels			Meredith, Ina V	do	27 13
Miller, F. R     do     2 00       Mitchell, Grace     do     25 80       Mitchell, Helen     do     8 25       Nay, E. O     do     2 00       Nelson, C. R     do     48 8       Notation M     40 48			Meredith, LaVerne	do	8 30
Mitchell, Grace     do     25 80       Mitchell, Helen     do     8 25       Nay, E. O     do     2 00       Nelson, C. R     do     48 80       Notace, M. Storm     40 48			Miller, F. R.	do	2 00
Mitchell, Helen			Mitchell, Grace	do	25 80
Nay, E. O.   do   2 00   Nelson, C. R   do   48 88   Nelson March   10   10   10   10   10   10   10   1	-		Mitchell, Helen	do	8 25
Nelson, C. R	- 1		Nay, E. O.	do	2 00
			Nelson, C. R.	do	48 38
Nelson, M	-		Nelson, M		15 60
Nickons, U. K	i		NICKOIIS, U. K.	ao	28 20 22 00

lo.	Date.	Paine, Olive. Rehling, C. H Rant, Alfred Rhea, C. J. Schadt, Mabel E Scott, S. E. Skemp, S. C. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Stearns, C. G. Steyle Co. Irving-Pitt Mg. Co. Boorum & Pease Loose Leaf Book Co. E. H. Sargent & Co. John A. Salzer Seed Co. Leavitt Mg. Co. T. W. Wood & Sons G. E. Stechert & Co. U. of I. Supply Store. B. C. Stephens E. W. Sampson Hunter, Rourke & Co. A. H. Barber Creamery Supply Co. Charles H. Besly & Co. Burroughs Adding Machine Co. W. E. Terry Lumber Co. J. M. Thornburn & Co. Shore Instrument & Mfg. Co. Emerson Brantingham Implement Co. Hoskins Mfg. Co. Standard Cap & Seal Co. Harshaw, Fuller & Goodwin Co. The Babocok & Wilcox Co. James G. Biddle. Central Scientific Co. Jeffersons Printing Co. National Drain Tile Co. Twin City Lee & Cold Storage Co. James B. Clow & Sons. H. J. Snider Ralph Redney Root. B. S. Pickett J. E. Whitchurch Sturges & Burn Mfg. Co. National Ammonia Co. George Strode. Tablet & Ticket Co. Williams Brothers S. A. Sandweger B. A. Strauch. Knowlton & Bennett D. H. Lloyde Taylor Hardware Co. P. S. Campbell. The Burr Co. Taylor Hardware Co. P. S. Campbell. The Burr Co. Taylor Hardware Co. P. S. Campbell The Burr Co. Taylor Hardware Co. P. S. Campbell The Burr Co. Roessler & Hasslacher Chemical Co. Machinists Supply Co. National Security Co. Roessler & Hasslacher Chemical Co. Machinists Supply Co. National Prain Truit Co. Roessler & Hasslacher Chemical Co. Machinists Supply Co. National Prain Truit Co. Roessler & Hasslacher Chemical Co. Machinists Supply Co. National Astipes. The Bean Spray Pump Co. C. C. Short.	For what.	Amou
	1913.			
301	Oct. 4	Paine, Olive	Wages, September, 1913 \$ 5 50	
ld.		Rehling, C. H	do	
		Rant, Alfred	do	١.
		Rhea, C. J	do	İ
		Schadt, Mabel E	do	l
		Scott, S. E	do	l
		Steerns C C	do 11 00	ł
		Sutherland G F	do 15 00	ĺ
		Sunderland, G. F	do 2 25	
		Taylor, W. M.	do	
		Wood, H. T.	do	İ
301a	Oct. 6	The Wabash Cabinet Co	Office supplies	\$ {
302	do	Neostyle Co	do	]
303	do	Irving-Pitt Mfg. Co	do	9
304 305	ao	Boorum & Pease Loose Leaf Book Co	do	
305	do	E. H. Sargent & Co	Laboratory supplies	126
306	do	John A. Salzer Seed Co	General supplies	1
307 308		Leavitt Mig. Co	Laboratory supplies	1
000		C E Stochart & Co	Pools	0,
809 810 811	do.	II. of I. Supply Store	Office supplies	2
11	do	B. C. Stephens	General supplies	120 120 20 20 11 11 12 43 43
12	do	E. W. Sampson	Pony collar	9
13	do	Hunter, Rourke & Co	Building materials.	2
14	do	A. H. Barber Creamery Supply Co	General supplies	19
15	do	Charles H. Besly & Co	Tools	1'
16	do	Burroughs Adding Machine Co	Office supplies	18
17	do	W. E. Terry Lumber Co	Building material	43
18	do	J. M. Thornburn & Co	Laboratory supplies	
19	do	Shore Instrument & Mig. Co	Laboratory apparatus repairs	18
20	do	Emerson Brantingham Implement Co	Farm machine repairs	79 27 175 11
21	ao	Hoskins Mig. Co	Laboratory apparatus	78
$\frac{22}{23}$		Standard Cap & Seal Co	Rental on capper No. 68	
23		The Person & Wilcon Co	General supplies	2
$\frac{524}{325}$	do	Tames G Riddle	Lehoratory apparatus	17
26	do	Central Scientific Co	do apparatus	111
27	do	Leffersons Printing Co	Rinding hooks	
28	do	National Drain Tile Co	Drains	199
29	do	Twin City Ice & Cold Storage Co	Laboratory supplies	2
30	do	James B. Clow & Sons	Plumbing	2
$\frac{31}{32}$	do	H. J. Snider	Traveling expenses	26
32	do	Ralph Redney Root	do	26 26 12
33 34	do	B. S. Pickett	do	12
34	do	Strange & Bran Mrs. Co.	Field expenses	31 28 26 12
35	do	National Ammonia Co	Apparatus	28
36 37	ao	Coorgo Strodo	Awninge	19
38		Tablet & Ticket Co	Office supplies	14
39	do	Williams Brothers	Supplies	
40	do.	S. A. Sandweger	General supplies	56
41	Oct. 8	B. A. Strauch	do	56 18 2 2 17 17
42 43	do	Knowlton & Bennett	Building materials.	3
43	do	D. H. Lloyde	General supplies	
44	do	Taylor Hardware Co	Building materials	]
45	do	P. S. Campbell	Advertising	13
46	do	The Burr Co	Laboratory supplies	13
47	ao	Taylor Hardware Co	Conoral supplies	11
48	uo	D H Iloyda	donorar suppries	1,1
49 50	uo	Eigner Grocery Co	do	95
51	do	R. C. Wagner & Son	Grading	27 221
52	do.	S. E. Huff & Co	Building materials.	- 22.
53	do	Dean Bros. Steam Pump Works	Machine repairs.	ì
54	do	R. C. Wagner & Son	Drayage	105 105
55	do	E. H. Sargent & Co	Laboratory supplies	18
56	do	Babcock & Wilcox Co	do	62
57	do	Nernst Lamp Co	Laboratory apparatus	17
58	do	Roessier & Hasslacher Chemical Co	Laboratory supplies	10
59	do	Machinists Supply Co	Laporatory apparatus	18 62 17 10 54
60	ao	National Biscuit Co	Supplies	1
61	do	Pager Prothers	Care equipment	47
62		E M Loglio	Prints framed	1
63 64		F. M. Lesile	Conoral supplies	175
65	uo	Royal A Stings	Sand	3 175 3 3 3
66	do	The Bean Spray Pump Co	Machine repairs	3
		THO BOWN DOING I UMP OUT THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE P	minorimo robamo	ទ

	Date.	To whom.	For what.	Amou
	1913.	C. A. Denman Standard Oil Co F. K. Robeson The Letter Shop H. J. Carpenter Shaw-Walker Co Geo. B. Carpenter & Co Watson Faulkner Vaughans Seed Store Commercial Telephone & Telegraph Co. A. L. Huffman A. F. Gustaíson R. W. Dickenson F. W. Wascher Harrison Fahrnkopf Chas. A. Campbell Reliable Plumbing & Heating Co. Standard Oil Co.		
3	Oct. 8	C. A. Denman	Painting	\$ 1
)	do	Standard Oil Co.	Laboratory supplies	3:
2	do	F. K. Robeson	do	4
í	do	The Letter Shop	Clarical assistance	, ÷,
5	do	H I Cornenter	Tuning nignog	2
,	40	Chow Wollron Co	Office complies	
1	40	Con P Compantor & Co	Conoral complies	
		Wotgen To-Urner	General supplies	
3		Watson Faulkner	NT-amagnes at alls	4
,		Vaugnans seed store	Nursery Stock	4.
(	ao	Commerciai Telephone & Telegraph Co.	Rent	
3	do	A. L. Hullman	Livery	18
!	ao	A. F. Gustaison	Traveling expenses	12
)	do	R. W. Dickenson		4
l	do	F. W. Wascher	do	49
3	do	Harrison Fahrnkopf	.do	1:
3	do	Chas, A. Campbell	Field expenses	6
	do	Reliable Plumbing & Heating Co.	Plumbing	1.
5	do	Standard Oil Co	Canaral cumplies	i î
	uo	Croomony Doolyon Mfg. Co.	T ab arotany apparetus	1
3	uo	C. W. M. L.	Laboratory apparatus	1 7
		Control Electric Co	Tile atmice   manuality	11
3	qo	Central Electric Co	Electrical supplies	10
)	do	C. F. Witt Estate	Farm supplies	(
)	do	R. C. Wagner & Son	General supplies	193
L	do	Chester Horseshoeing Shop	Shoeing horses	1
3	do	S. E. Dillavou	Machine repairs	18
3	do	Chas. A. Campbelf. Reliable Plumbing & Heating Co. Standard Oil Co. Creamery Package Mfg. Co. C. W. Murphy Central Electric Co. C. F. Witt Estate R. C. Wagner & Son. Chester Horseshoeing Shop S. E. Dillavou Alexander Lumber Co. S. E. Huff & Co. Flanigan-Pearson Co. Knowlton & Bennett Percival & Moorehead Twin City Roofing & Sheet Metal Works Stipes & Hecker Barnhart Brothers John H. Doyle. Chas. A. Hall Hardware Co. J. W. Butler Paper Co. Bacon Brothers H. A. Hollister W. H. Smith A. Floyd Heck Harry C. Gilkerson E. Davenport Crane Co. Geo. F. Righter Tuttle & Clark B. A. Strauch Bacon Brothers. Bronson Barlow. Champaign Dally News	Lumber	13
i	- do	S. E. Huff & Co	Building materials	14
5	do	Flanigan-Pearson Co	Printing	1
5	do	Trowlton & Ronnott	Laboratory gunnling	
7	uo	Descival & Macrobaci	Cumplies Supplies	39
,	uo	Design City Description	Destains marketis	98
3	ao	Twin City Rooning & Sneet Metal Works	Building materials	2
)	do	Stipes & Hecker	.]do	28
)	do	Barnhart Brothers	General supplies	2
. [	do	John H. Doyle	.(do	(
3	do	Chas. A. Hall Hardware Co	do	30
3	do	J. W. Butler Paper Co	Office supplies	70
l l	do	Bacon Brothers	General supplies	35
5	do	H. A. Hollister	Traveling expenses	11
1	do	W H Smith	do	- 2
-	do	A Floyd Hook	do	12
3	do	Harry C. Gillzargen	do	18
		F Dorronnert	40	36
í	uo	Chama Ca	Diamahim a	0(
'	qo	Craff Co.	Company Van	7
: 1	ao	Geo. r. Righter	Onice supplies	
1	ao	Tuttle & Clark	General supplies	23
:	do	B. A. Strauch	do	49
١	do	Bacon Brothers	do	4
6	do	Bronson Barlow	do	2
:	do	Champaign Daily News	Subscription	2
'	do	Champaign Gazette	do	2
:	Oct. 10	B. A. Strauch Bacon Brothers. Bronson Barlow Champaign Daily News Champaign Gazette. Stevens, Maloney & Co. The Pure Carbonic Co. B. A. Strauch P. S. Campbell F. J. Burns & Co. Adams-Bagnall Electric Co. National Ry Publication Co. E. H. Sargent & Co. Morris & Co. G. Cramer Dry Plate Co. National Drain Tile Co. Auson Northup Photographer Eagle Machine Works Associated Arch. Print. & Sta. Co. C. A. Denman N. Y. & N. J. Lubricant Co. The Hill & Griffith Co. J. H. Williams & Co. Delta File Works. Weil Brothers. L. Wolf Wir Co.	Office supplies	19
	- do	The Pure Carbonic Co	Laboratory supplies	- 2
	do	B A Strauch	General supplies	•
1	do	P S Campbell	Printing	4
: 1	do	T T Burne & Co	Laharatary supplies	į
	uu	Adama Parmall Floring Co	Appearing	2
1		Mational Des Dublication Co	Apparatus	6
1	do	Ta II Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comment of Comme	ounscription	1.00
١	qo	г. п. sargent & co	Laboratory supplies	152
: 1	ao	MOTTIS & CO	General supplies	Ę
1	do	G. Cramer Dry Plate Co	ao	_1
1	do	National Drain Tile Co	Drains	86
1	do	Auson Northup Photographer	General supplies	2
1	do	Eagle Machine Works	Laboratory apparatus	31
-	do	Associated Arch. Print. & Sta. Co	General supplies.	10
j.	do	C. A. Denman	Painting	26
1	40	N. Y. & N. I. Labricant Co.	Laboratory supplies	5
1	do	The Hill & Griffith Co	Laboratory apparetus	53
1	uo	T II Williams & Co	Apparatus reneira	
1	ao	J. II. WIIIIAIIIS & CO	Apparatus repairs	14
1	ao!	Delta file Works	Laboratory supplies	3
1	do	Weil Brothers	Tools	10
- 1	do	L. Wolff Mfg. Co	Plumbing	.5
-[.	do	Fuller & Fuller Co	Laboratory supplies	48
1.	do	Leeds & Northup Co	do	€
-1	do	Goldschmidt Thermit Co	do	8
	.do	L. Wolff Mfg. Co. Fuller & Fuller Co. Leeds & Northup Co. Goldschmidt Thermit Co. Harris Brothers Co.	Folding chairs.	13
	do	The Engineering Magazina	Advertising	i
- 1 -	do	The Engineering Magazine	Rantal Dictograph Service	5
- 1			LIVOLIVAL INTUUCELANTI DOLVICO	U
	do	Library of Congress	Dangeit for index cords	5

Vo.	Date.	To whom.	For what.	Amou
	1913.	T D 01 4 0	Toolsdo  do  do  do  Supplies. Machine repairs. Glass. Service. General supplies. Field expenses. Livery. Plumbing. Drains. Livery. Laboratory apparatus. General supplies. do. Laboratory supplies. General supplies. Apparatus repairs. Building materials. Supplies. Laundry. General supplies. Laundry. General supplies. Traveling expenses. do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do do	
947	Oct. 10	James B. Clow & Sons. American LaFrance Fire Engine Co. Siegel, Cooper & Co. Green Engineering Co. Knowlton & Bennett. Home Telephone Co. A. W. Pierson. H. A. Aldrich & Co. Illinois Motor Car Sales Co. Dean Brothers.	Tools	\$
948	do	American Lafrance Fire Engine Co	- Gunnling	
949 950	do	Siegel, Cooper & Co	Machine manaina	
990	do	Whorston & Bonnett	Close	100 120
951 952	do	Home Colonbone Co	Gorvino	100
952 953	do	A W Diorgon	Conoral supplies	100
954	do	H A Aldrich & Co	Field expenses	190
95 <del>4</del> 955	do	Illinois Motor Car Salas Co	Livery	128
956	do	Dean Brothers. National Drain Tile Co. O. E. Shobe & Co. Watson Faulkner.	Plumbing	12
957	do	National Drain Tile Co	Drains	16 98
958	do	O. E. Shohe & Co.	Livery	"
959	do	Watson Faulkner	Laboratory apparatus	98
960	do	C. H. Masters	General supplies	
961	do	Ansco Co.	do	
962	do	Dr. G. W. Mever	Laboratory supplies	2
963	do	Armstrong & Harris	General supplies	1 2
964	do	Weston Electrical Instrument Co	Apparatus repairs	€
965	do	The Bridgeport Chain Co	Building materials	1
966	do	F. M. Leslië	Supplies	1
967	do	Champaign Steam Laundry	Laundry	2
968	do	Powers Regulator Co	General supplies	. 6
69	do	Scientific Materials Co	Laboratory supplies	1,546
969 970 971	do	Dean Brothers National Drain Tile Co O. E. Shobe & Co. Watson Faulkner C. H. Masters Ansco Co. Dr. G. W. Meyer. Armstrong & Harris. Weston Electrical Instrument Co. The Bridgeport Chain Co F. M. Leslie. Champaign Steam Laundry Powers Regulator Co. Scientific Materials Co. G. W. Smalley H. J. Snider. E. E. Hoskins. S. V. Holt. C. C. Logan Alfred Beigren H. C. Gilkerson. Robert W. Stark H. C. Wheeler J. A. Black L. A. Hunter H. C. Gilkerson. O. S. Fisher Rance Sutton Albert Tate George W. Matheny Henry Pfau. Frank Morgan Wm. Webb C. W. Crabires Wm. Powell Barnhart Brothers R. C. Wheeler Wm. Powell Barnhart Brothers R. C. Respense R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Respense Wm. Powell Barnhart Brothers R. C. Gold Storage Co. F. K. Robeson Wu. N. Nevel. Southern Illinois Penitentiery Illinois State Reformatory Chas. A. Hall Hardware Co. Leavitt Mig. Co. Royal A. Stipes Walker & Mulliken The Letter Shop Creamery Package Mig. Co. Weis Mig. Co. Rand, McAnlly & Co. Irving-Pitt Mig. Co. Kumble Durand Glass Co. Mellory & Mitchell Neostyle Co. Illinois Glass Co. Illinois Pharmacautical Assn. Morrison, Plummer & Co.	Traveling expenses	1,546 11 19
71	do	H. J. Snider	do	19
71 72 73 74	do	E. E. Hoskins	0.00	57 11 54
73	do	S. V. Holt		57
74	do	C. C. Logan	do	11
75		TI C Cillyangan		54
976 977	do	Dobort W. Stork	do	16
770	do	H C Whooler	do	44
78 79	do	I A Block	Farm buildings	22
100	do	I. A Hunter	Field expenses	15
80 81	do	H C Gilkarson	do	24
82	do	O S Fisher	do	24 204
83	0.00	Rance Sutton	do	24
84	do	Albert Tate	do	24 43
85	do	George W. Matheny	do	60
86	do	Henry Pfau	do	52
87	do	Frank Morgan	do	40
987 988	do	Wm. Webb	do	49
989	do	C. W. Crabtree	do	65
90	do	Wm. Aten, Sr	do	42 6
91	do	Raymond G. Goist	do	6
92	do	Elmer Musgrove	do	85
93	do	Wm. Powell	do	42
94	do	Barnhart Brothers	Laboratory supplies	1
95	do	R. C. Wagner & Son	Grading	24
96 97	do	waukesna Mig. Co	Dheter of arrive	8
97	do	Twin City Ice & Cold Storage Co	Laboratory supplies	8 1 24
98 99	uo	F K Roberon	Can rubhard for macon iare	24
99	uo	W D Naval	Pollucite	20
000	uo	Southern Illinois Penitentiary	Janitor supplies	30
02	do	Illinois State Reformatory	Printing	7
03	do.	Chas. A. Hall Hardware Co	Tools	6
04	do-	Leavitt Mfg. Co	Apparatus repairs	4
05	do	Royal A. Stipes	General supplies	$\hat{6}$
06	do	Walker & Mulliken	Window shade cloth	5
óž l	do	The Letter Shop	Clerical assistance	6 5 3
07 08	do	Creamery Package Mfg. Co	Apparatus repairs	6
09	do	Wm. Webb	General supplies	50
10	do	Astrid S. Rosing	Drains	205
11	do	Crucible Steel Co	Laboratory supplies	35
12	do	American Steel & Wire Co	# encing	9
13	do	Harbinson-Walker Refractories Co	Laboratory supplies	6
14	do	French Battery & Carbon Co	1 elepnone patteries	20
15	do	Wels Mfg. Co	Omce suppnes	5 13
16	do	Kand, McNally & Co	00	13
17	do	LIVING-PILL MIG. CO	uo	8
18	do	Keunel & Esser Co	L aboratory symplies	10
19	do	Kimple Durand Glass Co	Advertising	18 109
20	do	Manory & Mitchell	Office gunnling	109
21	do	Neostyte Co	Lebergtery supplies	13
22	00	Ernet Loite	Tanoratory supplies	20
)23 )24	o	Ernst Leitz Illinois Pharmacautical Assn Morrison, Plummer & Co	Advertising Laboratory supplies	20 20
		F HACHIAGAD GUAL A 88H	TAMES OF PROPERTY OF STREET	40

0.	Date.	To whom.	For what.	Amour
	1913.	National Assn. of Retail Druggists. Alumni Assn. Sears, Roebuck & Co. O. E. Staples, Bursar O. E. Staples Bursar Western Electric Co. Vaughan's Seed Store Williams Brothers. J. F. Auld Oldham Brothers. Automatic Electric Co. Bryan-Marsh Electric Co. Standard Oil Co. Standard Oil Co. Ernst Hertzberg & Sons. Flat Iron Store Co. Geo. Carpenter & Co. W. Lewis & Co. Taylor Hardware Co. W. W. Bush & Co. D. H. Lloyde. Bacon Brothers. Twin City Roofing & Sheet Metal Works Illinois State Reformatory. The Burr Co. John H. Doyle.		
26	Oct. 10	National Assn. of Retail Druggists	Advertising	\$ 7
)27	do	Alumni Assn	do	3
)28 )29		O F Stanlag Burgar	Express bills poid in each	8 70
030	do	O E Staples Burger	Freight hills naid in each	132
31	do	Western Electric Co	Laboratory supplies	44
032	l. do	Vaughan's Seed Store	.do	16
)33	do	Williams Brothers	Building materials	2
)34	do	J. F. Auld	do	27
035	do	Oldham Brothers	Farm buildings supplies	15
036	do	Automatic Electric Co	Supplies	2
037	do	Bryan-Marsh Electric Co	Conordannalisa	140
038 039		Emat Tentahana & Cana	Pooler	23 18
)39 )40		Flot Tron Store Co	Laboratory apparatus	49
)40 )41	do	Geo Carpenter & Co	General supplies	34
042	do	W Lewis & Co	do do	4
)43	do	Taylor Hardware Co	Building materials.	18
044	do	W. W. Walls & Co	do	
045	do	D. H. Lloyde	Office equipment	8
046	do	Bacon Brothers	Painting	53
147	do	Twin City Roofing & Sheet Metal Works	Building materials	22
)48	do	Illinois State Reformatory	Machine repairs	52
)49	do	Illinois State Reformatory.  The Burr Co.  John H. Doyle.  Woldenberg & Schaar  E. H. Sargent & Co. Flanigan-Pearson Co. Miller, Harness Co. Siegel, Cooper & Co. Twin City Ice & Cold Storage Co.  B. W. Benedict.  A. Floyd Heck. Flanigan-Pearson Co. J. F. Gillespie.  O. E. Staples, Bursar  H. D. Oberdorfer  M. R. Carlson.  J. Kincaid.  H. W. Stewart.  A. Zappone, Dish Clerk. Robert Rutter & Son. Illinois State Register  A. L. A. Publishing Board.  Bennett's Newspaper & Magazine Agency Downing's American Despatch.  Silica Syndicate.  C., C., C. & St. L. Ry. Co.  C., C., C. & St. L. Ry. Co.  The Wabash R. R. Co.  G. W. Sheldon & Co.  Ernst Hertzberg & Sons. Library Congress. Gustav Fock.	Macnine repairs	50 83
)50 )51	ao	Woldenberg & Schoon	Laboratory supplies	201
151 - 152	do	E H Sargant & Co	Laboratory apparetus	99
)53	do	Flanigan-Pearson Co	Office supplies.	301
)54	do	Miller, Harness Co.	Machinerepairs	5
55	do	Siegel, Cooper & Co	Laboratory apparatus	22
56	do	Twin City Ice & Cold Storage Co	Supplies	8
)57	do	B. W. Benedict	Traveling expenses	2
)58	do	A. Floyd Heck	Field expenses	26
)59	Oct. 11	Flanigan-Pearson Co	Printing	53
60	do	J. F. Gillespie	Traveling expenses	7
61	do	O. E. Staples, Bursar	Sundry bills paid in cash	77
)62 )63	Oct. 14	M. D. Corlson	Travaling avnances	3
)64	uo	T Wingoid	Sarvicae	30
165	do	H W Stewart	Traveling expenses	9
066	do	A. Zappone, Dish Clerk	Live stock	25
67	do	Robert Rutter & Son	Binding books	4
068	do	Illinois State Register	Magazine	5
)69	do	A. L. A. Publishing Board	Books	P
070	do	Bennett's Newspaper & Magazine Agency	Magazines	10
71	do	Downing's American Despatch	Expenses	8 193
$\frac{172}{173}$	do	C C C & St T. Dy Co.	Ergiont	193
74	do	C C C & St. L. By Co	do	37
75	do	The Wahash R. R. Co	do	110
76	do	G. E. Stechert & Co	Books.	91
77	do	G. W. Sheldon & Co	Expenses	34
78	do	Ernst Hertzberg & Sons	Binding books	713
79	do	Library Congress Gustav Fock Norman W. Henley Publishing Co. Sharp & Smith.	Catalog cards	1 75
80	do	Gustav Fock	BOOKS	209
81	00	Sharp & Smith	Laboratory apparetus	15
82 83	uo	Harrick & Stoltov	Livery service	4
84	do	The Religious Education Assn	Subscription	3
85	do	Herrick & Stoltey The Religious Education Assn. Clayton F. Summy Co. 20th Century Press Clipping.	Supplies	ı
86	do	20th Century Press Clipping	Clippings	7
87	do	20th Century 1 ress chiping. R. R. Bowker Co. Hispanic Society of America. Chester Transfer Co. Bennett's Newspaper & Magazine Agency Iola Portland Cement Co.	Books	4
88	do	Hispanic Society of America	do	4
89	do	Chester Transfer Co	Drayage	36
90	do	Bennett's Newspaper & Magazine Agency	Magazine	1
91		TOTAL FOR USE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF T	Traveling avnance	16
92 93	do	H. A. Hollister. Urbana Courier Co.	Classified advertisement	3
94	do	G. E. Stechert & Co.	Books.	1 7
	Oct 15	Pay roll	Civil service	93
	200 20	Hannah, H. I	Wages, September, 193. \$29 75	1
		Odell, Arthur	ldo 63 37	
96	do	Pav roll	Civil service	577
-		Brumley, C. A	Wages, September, 1913 52 00	1
		Dale, Fred	do 50 00	
		Foss, Margaret	do 40 00	
		Glenn, David.	do	
		Gossett, LeRoy	do	
	l	James, L. E	do	1

No.	Date.	To whom.	For what.	Amoun
	1913.	Jennings, Elmer Long, Roy McFadden, W. J. McFadden, W. J. McFadden, W. J. McGhant, Dona. Mock, Forrest. Moody, D. L. Ollis, A. W. Simerl, M. A. Neeham, Lucile. W. F. Handschin. A. W. Nolan. L. E. Foglesong. The Wabash R. R. F. M. Leslie. Doubleday, Page & Co. The Milk Reporter. The Western Electric Co. Wm. P. Carmichael Co. H. T. Lundquist. The Daily Illini. Western Carbon & Ribbon Co. Scientific Materials Co. R. F. Weissbrennse. G. F. Sutherland. Marine Biological Laboratory. S. E. Dillavou. W. Lewis & Co. The Shavings & Sawdust Co. Dallenbach Brothers. A. S. Nelson & Sons. Detroit Flower Pot Co. The Blavings & Sons. Detroit Flower Pot Co. The Blavore Co. Tully's. International Press Clipping Bureau.		
2096	Oct. 15	Jennings, Elmer	Wages, September, 1913. \$30 60 29 00	
Cld.	}	Long, Roy	. do 29 00	
		McFadden, W. J.	do	
	!	Meels Formert	do	
		Moody D. T.	do 45 60	
	ļ	Ollis A W	do 24 60	
	1	Simerl, M. A	do	
		Neeham, Lucile	do	
097	Oct. 16	W. F. Handschin	Traveling expenses	<b>\$ 1</b> 6 5
098	do	A. W. Nolan	do	1 8
099	do	L. E. Foglesong	do	10 4
100	do	The Wabash R. R.	Freight	6 (
101	. do	F. M. Leslie	Framing picture	
102 103	do	Doubleday, Page & Co	Freight. Framing picture. Subscriptions	4 6
104	do	The Western Floatric Co.	do. Laboratory supplies	16 3
105	do	Wm P Carmichael Co	do	16 7 18 8
106	do	H T Lundaniet	Anneretzereneire	16 8
107	do	The Daily Illini	Advertising	3 (
108	do	Western Carbon & Ribbon Co	Office supplies	73 (
109	do	Scientific Materials Co.	Supplies	73 ( 31 (
10	do	R. F. Weissbrennse.	Violin	30 (
.11	do	G. F. Sutherland.	Advertising Office supplies Supplies Violin Laboratory supplies	15 (
12	do	Marine Biological Laboratory	do	8 7 85 (
13	do	S. E. Dillavou	Fencing and farm machinery	85 (
14	do	W. Lewis & Co	General supplies	$\begin{array}{c} 2 \ 2 \ 111 \ 6 \end{array}$
15	do	The Shavings & Sawdust Co	Shavings	111 (
16	do	Dallenbach Brothers	Laboratory suppliesdo	3 5 6 5 57
17	do	A. S. Nelson & Sons	do. General supplies Machinery repairs White cheese cloth Apple baskets	_6 8
18	do	Detroit Flower Pot Co	General supplies	57
19	do	The Babcock & Wilcox Co	Machinery repairs	17 4 2 9
20 21	do	Flat Iron Store Co	W nite cheese cloth	2 9
21	do	right from Store Co- Tully's. International Press Clipping Bureau William T. Comstock Co. The New Era Printing Co. Consumers Co.	Apple baskets	4 5
22 23				5 (
24	do	The New Fee Drinting Co.	Dringing and Directory, 1915-14	3 ( 9 8
24 25	do	Congument Co	Traducir	9 8
26	do	Consumers Co	Hydrox	3 3 103 3
27   27	do	Irving Pitt Mfg Co	do do	1 5
28	do	Sanford Mfg. Co	do	10 5
29	do	F. A. Hardy & Co	Laboratory apparatus	147 0
30	do	Chas, E. Mueller Co	Supplies	45 0
31	do	Farrar & Quinlan	do	58 6
32	do	Twin City Creamery Co	Printing Hydrox. Office suppliesdodo. Laboratory apparatus. Suppliesdo Butter. Subscription. Supplies Printing Supplies Laboratory apparatus.	14 5
33	do	Breeder's Gazette	Subscription	4 2
34	do	Chicago Packing House	Supplies	64 (
35	do	Geo. Banta Publishing Co	Printing	222 (
36	do	J. S. Reimund	Supplies	15 7
37	do	J. Horace McFarland Co	Laboratory apparatus	101 4
38 39	. do	Flanigan Pearson Co	Printing	53 ( 4' 9
19	qo	A. S. Nelson & Sons	Supplies	
10	do	Metzier & Schaler Co	0.00	18 5
1 2	do	E H Sargant & Co	Taboretery appearates	44 ( 18 7
3	uo	William T. Comstock Co. The New Era Printing Co. Consumers Co. Eberhard Faber. Irving Pitt Mig. Co. Sanford Mig. Co. F. A. Hardy & Co. Chas. E. Mueller Co. Farrar & Quinlan. Twin City Creamery Co. Breeder's Gazette. Chicago Packing House. Geo. Banta Publishing Co. J. S. Reimund. J. Horace McFarland Co. Flanigan Pearson Co. A. S. Nelson & Sons. Metzler & Schafer Co. D. H. Lloyde. E. H. Sargent & Co. Eisner Grocery Co. J. W. Butler Paper Co. Illinois State Reformatory. The Letter Shop. Crana Co. Champaign Steam Laundry.	office supplies Laboratory apparatus Supplies - do - Printing Clerical assistance	15
4	do	I. W. Rutler Paper Co.	do	213
5	. do	Illinois State Reformatory	Printing	451 °
6	do	The Letter Shop	Clarical accietance	451 7 6 2
7	do	Crana Co	Plumbing	10 8
8	do	Champaign Steam Laundry	Laundry	15 (
ığ	do	G. C. Willis	Laboratory supplies	8.5
0	do	F. K. Robeson	Laboratory apparatus	8 5 23 3
ši  .	.do	Keuffel & Esser Co	Office supplies.	27 9
52 .	.do	National Blank Book Co	do	23 7 19 5
3 .	do	Eugene Dietzgen Co	Laboratory supplies	19 5
54 .	do	G. Gennert	General supplies	9 5
55 .	do0	Champaign Seed Co	Feeding supplies	97 3
66	do (	Champaign Urbana Water Co	Laundry Laboratory supplies. Laboratory apparatus. Office supplies. do. Laboratory supplies. General supplies. Feeding supplies. Water permit and general supplies office supplies.	39 9
57  .	do ]	Knowlton & Bennett	Office supplies	3 3 13 8
58 J.	do 1	Mittendorf & Kiler	do	13 8
59  .	doj1	Machinists Supply Co	Laboratory supplies	6
0	do \	Vaughans Seed Store	Supplies	$\begin{array}{c} 4 & 2 \\ 12 & 9 \end{array}$
31	Oct. 17 (	C. S. Crandall	Traveling expenses	12 9
$\frac{32}{2}$	do 8	S. V. Holt	do	130 4
63	do ]	Robert W. Stark	do	16 6
64	do ]	The Letter Shop  Trans Co  Champaign Steam Laundry  G. C. Willis  F. K. Robeson  Keuffel & Esser Co  National Blank Book Co  Eugene Dietzgen Co.  G. Gennert  Champaign Seed Co  Champaign Urbana Water Co  Knowlton & Bennett  Mittendorf & Kiler  Machinists Supply Co.  Vaughans Seed Store  G. S. Crandall  S. V. Holt  Robert W. Stark  H. C. Wheeler  D. O. Barto  R. W. Dickenson	do	53 8
65   66	do ]	O. Barto	do	8 4
	do li	K. W. Dickenson	do	34 9

•	Date.	To whom.	For what.	Amou
	1913.	F. W. Washer C. C. Logan J. C. Mosier Isabel Bevier Mamie Bunch Warren A. Ruth H J. Snider Harrison Fahrnkopf A. Floyd Heek Henry Lussenhop Orr M. Allyn James H. Carter Stephen Rogers Revere Rubber Co J. E. Whitchurch W. E. Johns D. A. Abrams Marshall Field & Co Brooks Bank Brothers Armour Co Chicago Towel Co F. G. Hartwell Co Wm. Wood & Co Demonstrators' Assn. of Illinois Library Bureau Ahrens & Scheiner Chicago Telephone Co Morrisson, Plummer & Co Illinois State Reformatory P. S. Campbell American-German Boller Compound Co.	Traveling expensesdodododododofield expenses. Traveling expenses. Traveling expenses. Frield expenses. Traveling expenses. Frield expenses. Traveling expenses. Field expenses. Traveling expenses. Field expenses. dodododraveling expensesdododododododo	
7	Oct. 17	F. W. Washer	Traveling expenses	\$ 5 1 4 8
8	do	C. C. Logan	do	! !
9	do	J. C. Mosier	do	4
0	do	Isabel Bevier	do	
1	do	Mamie Bunch	TV-11	، ا
2 3	ao	Warren A. Ruth	Field expenses	8
3	qo	H J. Snider	Traveling expenses	١ ،
4	do	Harrison Fanrakopi	Transling arrange	-
5 6	do	Henry Tuggenhen	Field expenses	1
7		O 35 All	Traveling avacage	2
8		Tomas II. Conton	Field expenses	7
9		Stanken Degard	do da penses	7 17
0	uo	Payara Pubbar Co	Gardan haga	1 4
ĭ		T F Whitehuneh	Field avnorage	3
5		XV E Tohna	Traveling expenses	4 3 5
3		D A Abroma	Travening expenses	ı v
4		Marghall Field & Co	Ganalica	
5		Proofes Pont Prothers	Supplies	
0	qo	Drooks bank Drothers	do	1
6	uu	Chicago Towol Co	Towal carving Sentember 1012	5
8	uo	F C Hortwell Co	Cool	1 2 10
0		Wm Wood & Co	Modical Popord	10
9	uv	Demonstrators Agar of This air	Evnongeg	7
1	do	Demonstrators' Assn. of Hillings	Pools trunds	9
ĭ		Almone & Solonian	Our fruck	2 1
2	do	Chicago Walenhana Co	Supplies	1
4		Manniagon Diamento Co	Cumplies	1
#	do	Morrisson, Flummer & Co	Emeral on ag	2
5	do	D C Compbell	Potitions for nostneroment of new	-
١		r. s. Campuen	ment of tuition	١.,
, l	. o.b.	American Common Reilan Commound Co	Cumpling	9
7 8		American-German Boner Compound Co	supplies	2 6 5 1 21:
9	do	H. W. Johns-Manville Co	Don'tol of two owniton	٧
9	go	Remington Typewriter Co	Rental of typewriter	
וי		Mishing Takaisata Ca	Carolina kalaniaatan	
-	do	Michigan Lubricator Co	Cyclone lubricator	5
9 0 1 2 3		Mailory & Mitchell	Colmonical mails	J.
3	ao	Stepoins Hardware Co	Gaivanized pans	-
4 5		Cameron, Amberg & Co	Dental schedules	21
9	go	C. L. Frame Dental Supply Co	supplies	21
6		The R. D. Swisher Mig. Co		6
6	uo	Western Termber Co	Tumbon	2
8	uo	Chicago Addressing Co	Cumpling	39 23 143 55
ő	uo	Windley & Co	Supplies	9
1		Who A II Andrews Co	do	14
2	do	Company Ambana & Co		11
3	uo	City of Chicago	Florator ingrestion	U
4		Floridan Boardan Co	Drinting	2
4	do	Flanigan-Pearson Co	Printing	
5 .	uo	T TO A 13	Dlagtoning	ě
7	uu	Dogon Drothors	Pointing	0
ś	uo	Ernet Hortzharg & Sana	do do	:
3 1.		Mond Dargons	Travaling avnances	
$\tilde{\beta}$ .	uo	Wagtorn Stonowara Co	Molding alay	1/
ί.		Urbana Courier Hereld	Evnance	1
;  ·	uv	Illinois State Reformatory P. S. Campbell American-German Boiler Compound Co. H. W. Johns-Manville Co. Remington Typewriter Co. P. J. Kester Michigan Lubricator Co. Mallory & Mitchell Stebbins Hardware Co. Cameron, Amberg & Co. C. L. Frame Dental Supply Co. H. M. Hooker Co. Western Lumber Co. Chicago Addressing Co. V. Mueller & Co. The A. H. Andrews Co. Cameron, Amberg & Co. City of Chicago. The A. H. Andrews Co. Cameron, Amberg & Co. City of Chicago. Flanigan-Pearson Co. Illinois State Reformatory. J. F. Auld. Bacon Brothers. Ernst Hertzberg & Sons Maud Parsons. Western Stoneware Co. Urbana Courier Herald. Green Engineering Co. Knowlton & Bennett. Central Electric Co. Twin City Roofing & Sheet Metal Works John Harp. John Gray, Contractor Standard Oil Co. Williams Brothers. J. W. Butler Paper Co. Walter Paper Co. Library Bureau. Miss Flora Brown. George W. Medley. F. W. Muncie. C. S. Crandall Wilhelm Miller Scott Paper Co. Bennett's Magazine Agency P. Adams.	ment of tuition Suppliesdo. Rental of typewriter Supplies Cyclone lubricator Supplies Galvanized pails Dental schedules Supplies do do do do do do Tumber Supplies do do Traveling expenses Molding clay Expenses Machine repairs Building materials Electrical materials Building materials Grading Office equipment repairs	- 1
2	do	Wnowlton & Rannett	Ruilding materials	•
<i>i</i>   ·	uo	Control Flootrie Co	Floatrical materials	54
	do	Twin City Roofing & Shoot Motal Washes	Ruilding materials	9
( )·	do	Inha Horn	Grading	33 11 85 11 544 22 18
3	o.	Oliver Typewriter Co	Office equipment renairs	10,
3	40	John Gray Contractor	Lahoratory apparatus	60
	Oct 10	Standard Oil Co	Ganaral sumplies	10
<i>i</i> .	do 10	Williams Brothers	Ruilding motorials	ĭ
ίΙ:	uu	T W Butler Pener Co	Office supplies	
:	uu	Wolfer M Hill	Manual for writers	1
:  -	uu	II nion Clay Products Co	Laboratory supplies	,
3		Umon Ciay Froducts Co	Tabaratary apparetus	00
	uo	C F Stochart & Co	Magazinas	82 161 134
:  ·	uu	Tibrory Purcou	Ganaral sumplies	101
3	uo	Miss Flore Presses	Office graph log	109
;  ·	oo	MISS FIOR BROWN	Unice supplies	1
3  -	o	Transis	Tield expenses	52 9
9  -	op	r. w. Muncie	raveing expenses	3
)  .	oo	U. D. Ofangali	Building materials Grading Grading Office equipment repairs Laboratory apparatus General supplies Building materials Office supplies Manuel for writers Laboratory supplies Laboratory apparatus Magazines General supplies General supplies Field expenses Traveling expenses do	18
<u>.</u>	op	wineim Miller	. do	16
a 1	ao	Scout raper co	Drinking cups	13 99
3				

No.	Date.	To whom.	For what.	Amount
	1913.	The American Contractor Champaign Gazette Pay roll. Filbey, E. J. James, Edmund J. Frazer, George E. Smith, Adelie C (Student). Fiero, E. E (Student) Warnock, A. R. Kyle, Martha J. Strong, Lilliam Hollister, H. A. Carson, H. Y. Kelley, R. L. (Student). Rice, G. B. White, J. M. Davenport, Eugene. Rietz, H. L. Roberts, Elmer Checkley, J. H. Jamison, A. W. Miller, W. P. Nolan, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H. Allyn, Orr Aumer, J. P. Bauer, F. C. Binding, L. R. Bur lison, W. L. Clevenger, C. B. Dickerson, I. W. Dickinson, R. W. Ebersol, E. T. Eckblaw, K. J. T. Ellis, O. I. Fahrnkopf, H. F. T. Fisher, O. S. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Gustafson, A. F. Hegnauer, Leonard Holt, S. V. Hopkins, C. G. Hoskins, E. E. Leighty, W. R. Logan, C. C. Mosier, J. G. Niederman, Gertrude Park, J. B. Pettit, J. H. Reed, C. O. Sachs, W. H. Schoonover, W. R. Smith, L. H. Snider, H. J. Stewart, H. W. Van Alstine, E. Walverth, E. H. Wascher, F. M. W. White, E. A. Whitchurch, J. E. Whitichurch, J. E. Whiting, A. L. Barto, D. O. Bull, Sleeter. Carmichael, W. J. Coffey, W. C. Detleisen, J. A. Edmonds, J. L. Grindlay, H. S. Hall, L. D. Headschin, W. F. Joseph, W. E. Mitchell, H. H. Mumford, H. W.		
2245	Oct. 18	The American Contractor	Advertising	\$ 20
2246 2247	do	Champaign Gazette	Notice from Dean Clark	88, 042 2
221		Champaign Gazette Pay roll Filbey, E. J James, Edmund J	Salary, October, 1913\$ 183 33	00,042
		James, Edmund J	do1,000 00	
	l.	Frazer, George E	do 300 00	
	1	Fiero, E. E (Student)	do 50 00	
	l	Warnock, A. R.	do150 00	
	l .	Kyle, Martha J.	do 50 00	
		Hollister H A	do 270 83	
		Carson, H. Y	do 125 00	
		Kelley, R. L (Student)	do 100 00	
	1	Rice, G. B	do250_00	
	Į.	Davennort Eugene	do 500 00	
		Rietz, H. L	.do 100 00	
	}	Roberts, Elmer	do 50 00	1
		Checkley, J. H	do 83 33	1
		Miller, W. P.		
	}	Nolan, A. W	do	
		Rankin, F. H.	do 291 66	l
		Aumer T P	do	1
		Bauer, F. C.	do	1
		Binding, L. R.	do	
		Burlison, W. L.	do 116 66	
		Diekerson I W	do	
		Dickinson, R. W	do 83 33	
		Ebersol, E. T	do	
		Eckblaw, K. J. T.	do 133 33	
		February H F T	do	
		Fisher, F. A.	do	
		Fisher, O. S.	do 208 33	
		Garrett, F. W	do 100 00	
	,	Gernert, W. B	do 150 00	
		Gilkerson, H. C.	do	
		Gustafson, A. F	do 175 00	
		Heck, A. F	do	
		Holt, S. V.	do	
		Hopkins, C. G.	do	,
		Hoskins, E. E.	]do 150 00	
		Logan C C	150 00	1
		Mosier, J. G.	do	
		Niederman, Gertrude	do	
		Park, J. B	150 00	1
		Reed, C. O.	do 120 00	
		Sachs, W. H	do 133 33	
		Schoonover, W. R.	do	
		Smith, L. H	d0	
		Stewart, H. W	do	
		Van Alstine, E	do 175 00	
		Walworth, E. H	do	1
		Wheeler H. C	do 150 00	
	1	White, E. A.	do	1
	i	Whitchurch, J. E	do 150 00	
		Whiting, A. L	do	
		Bull, Sleeter	do	
	j	Carmichael, W. J	do	İ
		Coffey, W. C.	do	
		Deticisen, J. A Edmonds, J. T.		
		Grindlay, H. S.		l
		Hall, L. D.	do	
		Handschin, W. F.	do 200 00	l
		Joseph, W. E	do	
		Mumford, H. W	do 416 66	
				ı

0.	Date.	To whom.	For what.	Amour
	1913.	Newlin, C. I. Place, V. A. Rusk, H. P. Simpson, F. M. Smith, W. H. Wells, J. R. Yoke, J. J. Brand, R. E. Crandall, W. T. Fraser, W. J. Harding, H. A. Hulce, R. S. Keller, O. A. Lang, LeRoy Parker, H. N. Pearson, F. A. Ruehe, H. A. Yapp, W. W. Balar, J. C. Bole, S. J. Bregger, Thomas. Colby, A. S. Crandall, C. S. Dorner, H. B. Durst, C. E. Foglesong, L. E. Gardner, J. J. Gunderson, A. J. Hoffman, R. W. Hutchinson, James. Lloyd, J. W. Miller, Wilhelm Muncie, F. W. Nehrling, A. H. Peltier, G. L. Pickett, B. S. Robinson, C. M. Root, R. R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. Bevier, Isabel. Crigler, Nina B. Fleming, Georgia. Goldthwaite, Nellie E. Gray, Cora E. Harrison, Florence Parsons, Maud. Pincomb, Helena M. Seymour, Lurene. Stevens, Grace E. Wheeler, Ruth McIntosh, Donald Ash, Percy. Burden, R. E. Garven, N. B. McIntosh, Donald Ash, Percy. Burden, R. E. Garven, N. B. McIntosh, Donald Ash, Percy. Burden, R. E. Garven, N. B. McIntosh, Donald Ash, Percy. Burden, R. E. Garven, N. B. McCowley, F. K. Fehrenkamp, Winifred. Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kellogg, J. M. Kellogg, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kellogl, J. M. Kell		-
47	Oct. 18	Newlin, C. I	Salary, October, 1913 \$100	00
d.		Place, V. A	do	00
		Rusk, H. P.	do	33
		Smith W H	.do	00
	l	Wells, J. R	do	33
	i	Yoke, J. J.	do 83	33
	1	Brand, R. E	do 175	
	1	Crandall, W. T.	do	00
	ł	Harding H A	do	66
	1	Hulce, R. S.	_do116	66
		Keller, O. A.	do	661
	1	Lang, LeRoy	do. 175	00
	1	Parker, H. N.	do	00
		Pucho II A	do	00
	)	Vann W W	.do	66
		Bailey, E. W	do	00
	1	Blair, J. C.	do	66
		Bole, S. J	do 150	00
	1	Bregger, Thomas	116	66
		Crondoll C S	do	00
		Dorner H B	. do	00
		Durst, C. E.	_do150	ŏŏl
		Foglesong, L. E.	do. 116 do. 100 do. 100	66
		Gardner, J. J	do 100	00
		Gunderson, A. J.	do	00
		Houman, R. W	do	00
		Llord I W	do	66
7		Miller, Wilhelm	do	00
-		Muncie, F. W.	do	33
,	1	Nehrling, A. H	do	00
		Peltier, G. L	do	33
		Pickett, B. S.	do. 250 do. 100	00
		Root P P	do 208	33
		Ruth W A	do. 208	00
i		Savre, C. B.	do	001
		Smith, F. A. C	do	00
į		Watkins, O. S	do 175	00
		Chicles Nine P	do	00
- 1		Flaming Georgia	. do	00
		Goldthwaite, Nellie E	do 187	50
- 1	i	Gray, Cora É	do	661
		Harrison, Florence	do	00
		Parsons, Maud	do	66
		Pincomb, Helena M	do	33
		Stavans Graca E	do 110	00
		Wheeler, Ruth	do	66
		McIntosh, Donald	.do	331
		Ash, Percy	do	33
1		Burton, S. C.	do	00
- 1		Clark, C. R.	do	66
		Cowley F K	do 120	00
- 1		Fehrenkamp, Winifred	do	00
1		Forsythe, J. H	do	00
- 1	1	Jones, R. T	do	00
		Kellogg, J. M.	do	00
- 1		Proving T. II	do	66
- 1	1	Ricker, N. C.	do	66
- 1	1	Titcomb, W. C.	.do 291 .do 175 .do 104	00
- 1	ļ	Wells, N. A.	do 104	16
- 1	Į.	Baker, I. O	do	331
- 1	l	Dowing, B. L	do	න් 00
- 1	1	Carvor N B	do	ee!
ı	ŀ	McDaniel A. B	do	16
	į	Pickels, G. W.	.do	ōŏ
- 1	1	Raynor, W. H	.do 229 .do 150 .do 130	00
	1	Smith, J. E	do	00)
- 1	l.	wney, C. C.	do	66
ı	}	Diegier, P. S	do	OO

о.	Date.	To whom.	For what.	Amou
	1913.	Brooks, Morgan Bryant, J. M Fisk, I. W James, L. V Knight, A. R Loring, F. C Paine, E. B Waldo, E. H Abrams, D. A Chittenden, A. K Dunn, H. H Keller, R. B Kratz, A. P MoFarland, D. F Moore, H. F Slater, W. A Vedder, J. N Yensen, T. D Crane, Rufus Jordan, H. H Miller, H. W Nelson, W. S Porter, F. M Rugg, H. O Steward, R. K Benedict, B. W Dent, J. A Domonske, A. B Duncan, J. M Eames, H. S Gross, G. A Frisk, J. A Kennedy, R. E Lanham, E. T Leutwiler, O. A Pendleton, J. C Radebaugh, G. H Rebman, P. J Richards, C. R Scroggin, D. L Torrance, F. C Waterfall, H. W Willard, A. C Andros, S. O Holbrook, E. A Stock, H. H Babbitt, H. E		
247	Oct. 18	Brooks, Morgan	Salary, October, 1913 \$250 00	
td.		Fisk T W	do	
		James, L. V.	.do	s
		Knight, A. R.	do150_00	
	1	Poing F R	do	
	ł	Waldo, E. H	.do	
	ŀ	Abrams, D. A	do	ol .
		Chittenden, A. K	do	
		Keller, R. B.	do166 66	
		Kratz, A. P.	do	:1
		McFarland, D. F.	do	1
		MOOTE, H. F	do	
		Vedder, J. N.	.do	ı
		Yensen, T. D.	do	1
		Crane, Rufus	do 100 00	Į
		Miller H W	do	
		Nelson, W. S.	_do	1
		Porter, F. M	do 125 00 do 150 00	ľ.
		Rugg, H. O	do	l.
		Benedict. B. W.	.do	
		Dent, J. A.	do 150 00	i <sup>t</sup>
		Domonske, A. B.	140 00	į
		Fames H S	do	
		Gross, G. A.	.do	li,
		Frisk, J. A.	do	i.
		Godeke, H. F.	do	
		Harding T. A	do	li
		Kennedy, R. E	do	1
		Lanham, E. T	do	
		Leutwiler, O. A	do	j,
		Radebaugh, G. H.	do	E.
		Rebman, P. J.	do 80 00 do 479 16	
		Richards, C. R	do	ķ.
		Torrance F C	do	
		Waterfall, H. W	do130_00	Ç.
		Willard, A. C.	do	
		Andros, S. O.	do	E.
		Stock H H	do	j.
		Babbitt, H. E.	do140_00	li .
		Boomsliter, G. P	do	ľ
		Enger, M. L.	do	
		Felming, V. R.	do	ľ.
		Gardner, Harry	do 140 00	
		Andros, S. O. Holbrook, E. A. Stoek, H. H. Babbitt, H. E. Boomsliter, G. P. Enger, M. L. Ensign, N. E. Felming, V. R. Gardner, Harry. Gonnerman, H. F. Noerenberg, C. E.	do	
- 1		Seely F R	do	
- 1		Talbot, A. N.	do	Ĺ
-		Vallance, Alexander	do 140 00	1
- 1		Cormon A B	do	
- 1		Jones, L. T.	do	ŀ
- 1	j	Karrer, Sebastian	do 70 00	l
		Knipp, C. T.	do	ľ
١		Nothanson T R	do	
- 1		Schulz, W. F.	do	F .
J		Randolph, O. A.	do	!
		Snook, G. A	do	
		Watson, F. R.	do	1
		Warner, E. H.	do	
١		Williams, E. H.	do	
1		Buck, A. M	do	
		Gonnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Carman, A. P. Jones, L. T. Karrer, Sebastian. Knipp, C. T. Kunz, Jakob Nathanson, J. B. Schulz, W. F. Randolph, O. A. Shook, G. A. Smith, O. H. Watson, F. R. Warner, E. H. Wulliams, E. H. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Deeker, E. H.	do	
	1	Snodgrass, J. M	do 183 33	1
		Decker, E. H	do 291 66	

o.   I	Date.	To whom.	For what.	Amour
1	913.	Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student) Andrews, O. M. Babcock, K. C. Meyer, G. H. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel Burton, L. V. Newell, C. R. Rahn, Otto. Brigham, R. O. Hague, Stella M. Hottes, C. F. Lamkey, E. M. R. LeCato, J. M. McDougal, W. B. Parr, Rosalie M. Scherfee, S. H. Trelease, Wm. Waggoner, H. D. Whitten, J. H. Hursh, R. K. Raddliffe, B. S. Rand, C. C. Stull, R. T. Adams, W. C. Allen, C. H. Baker, R. E. Balke, C. W. Ball, T. R. Baker, R. E. Balke, C. W. Ball, T. R. Bates, S. J. Beal, G. D. Braley, S. A. Broderson, H. J. Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander Darrah, Juanita E. Davisson, B. S. Derick, C. G. Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E. Heesker, C. H. Heese, C. K. Honovski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R. Henonvski, B. R.		
47 Oct	. 18	Green, Frederick	Salary, October, 1913 \$291 6	6
td.		Hale, W. G	do291 6	6
- 1		Harker, O. A	do 416 6	6
1		Pomeroy, J. N	]do 208 3	3
		Vernier, C. G.	do 291 6	6
- }		Cassidy, H. M. (Student)		Q]
1	,	Andrews, O. M	do	3
	1	Babcock, K. C	1do	6
		Meyer, G. H	20 8	0
- 1		Bradoury, C. E	120 0	υl
		Kelley, C. F	107 5	XI
1 .		Watmone Many M	150.0	XI
1	1	Pond I I D	30 0	NI N
ļ		Dond, J. J. D.	140.0	SI.
- 1		Challain T. I	140 0	of .
- 1		Steppins, Joel	291 0	
i		Namell C. D.	100.0	N N
- 1	i	Newell, C. R	100 0	ŬĮ.
		Rann, Otto	do 225 U	Ů,
	j	Brignam, R. O	do	ŭĮ.
1		Hague, Stella M	do	ŎĮ.
		Hottes, C. F	ao	Ν
- 1	- 1	Lamkey, E. M. R		ij.
		LeCato, J. M	do	ŬΙ.
1		McDongan, W. B	120 0	ΝĮ
		Parr, Rosalle M	do 80 0	ŭ]
		Scheriee, S. H		ŭ)
		Trelease, wm		D)
- 1	]	waggoner, H. D		O.
		Whitten, J. H	do	01
1		Hursn, R. K.	[do	υĮ
- 1		Radeline, B. S	[do120 0	O!
- 1		Rand, C. C	]do	Ol
-		Stull, R. T		υĮ
- 1	1	Adams, W. C	do 10 0	Ŭ.
	- 1	Allen, C. H	do	Ů,
		Baker, R. E	do35 0	O F
ı	1	Balke, C. W	do 250 0	O.
- 1		Ball, T. R	do30 0	O.
ı	1	Bates, S. J	do	O)
l		Beal, G. D	do 140 0	O P
- [		Braley, S. A	do	O.
į		Broderson, H. J	do 120 0	O)
	1	Carter, H. M	do30 0	91
1	1	Chariton, E. E	do30 00	91
- {	1	Clark, K. A	do35 0	ol .
1		Cohn, Alexander	do 10 0	9
1		Darrah, Juanita E	do30 00	0
1	J	Davisson, B. S	do60 0	)
	l	Derick, C. G	do 166 60	2)
		Eckstein, C. H	ao 10 00	Λĺ
	ł	Engle, E. W	ao 50 0	J.
1		Englis, D. T	do 30 00	3
.	Į.	Foster, L. F	ao 50 00	) I
1	1	Gumore, R. E.	ao	J.
	1	Hecker, C. H.	ao 100 00	J.
	i.	Hess, R. W	ao 50 00	ŽĮ.
1	13	Hewes, C. K	ao 60 00	3)
ĺ	13	Honovski, B. R	ao	)i
1	1.	Hopkins, B. S.	ao	3
1	-	anson, J. M	ao	2]
- 1	1.	Kremmers, H. C	do	<u>)</u>
1	. 1	Layng, T. E	ao	ય
1	1:	Lewis, H. F	ao	2[
1	- [	MacArthur, C. G	ao 150 00	21
	1	Macinnes, D. A	ao 140 00	4
1	. []	Manuel, W. A	ao	2]
	13	warquis, S. D	ao 30 00	2]
	]	Nelson, R. A	do 10 00	)
-	[]	Noyes, W. A	do 416 66	5
1	- []	Parr, S. W	do 333 35	3
	[]	Prasil, Anton	do 10 00	)[
1	{]	Read, J. W	do 60 00	){
- 1	[]	Rich, P. C	do 10 00	)
1	[]	Ruby, G. B	do 10 00	)
-	18	Scholl, Clarence	do 30 00	)
	15	Sears G W	do 60 00	JI.

То.	Date.	To whom.	For what.	Amour
	1913.	Sievert, C. W. J. Skinner, G. S. Smith, G. M. Smith, L. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, E. H. Taylor, S. C. Thorp, Lambert Tippett, R. W. Valentine, H. D. Van Zoeren, G. J. Washburn, E. W. Weber, H. C. P. Weiland, H. J. Wichers, Edward Wildman, E. A. Bogart, E. L. Chase, W. A. Dewsnup, E. R. Litman, Simon Prickett, A. L. Robinson, M. H. Scoville, H. T. Stewart, C. L. Thompson, J. G. Weston, N. A. Barton, H. J. Canter, H. V. Moss, C. M. Oldfather, W. A. Pease, A. S. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A. Creek, H. L. Curl, M. J. Dodge, D. K. Felton, Edward Goodwin, T. G.		
247	Oct. 18	Sievert, C. W. J.	Salary, October, 1913 \$ 10 00	!
td.		Skinner, G. S.	10 00	1
		Smith, G. M	100 00	1
		Snook I D	do 10 00	i
	1	Straw W A	do 10 00	
	ì	Taylor, E. H.	1do	
	1	Taylor, S. C.	do 50 00	ol .
	1	Thorp, Lambert	do 120 00	1
	49	Tippett, R. W	do 30 00	1
		Valentine, H. D	do 30 00	1
	4	Van Zoeren, G. J.		1
	1	Washburn, E. W		1
	1	Weiland H T	35 00	
	1	Wighers Edward	do 30 00	
		Wildman E A	do 50 00	1
	3	Bogart, E. L	do 291 66	
		Chase, W. A	do	i
		Dewsnup, E. R.	do	ol .
		Litman, Simon	do	
	1	Prickett, A. L	do	1 '
		Robinson, M. H		9
		Scoville, H. T.		1
	1	Stewart, C. L	70 00	
	I	Woston N A	180 00	1
		Rorton H T	301 66	
	1	Center H V	do 208 33	1
	1	Moss. C. M	do 250 00	
	1	Oldfather, W. A	do 250 00	l
		Pease, A. S.	do	ıl
	1	Anderson, L. F	do	١.
	ĺ	Bagley, W. C	do	1
		Coffman, L. D	do 291 66	l
		Hallquest, A. L	do 50 00	i i
		Harlan, C. L.	do	1
	1	Johnston, C. H.	do	
	1	Miller, W. S		
		Roldwin E C	do 175 00	
	1	Bover C. V	do 140 00	3
	1	Buchen, W. A	do	
		Clark, T. A	do 500 00	
	1	Creek, H. L.	do 140 00	
	1	Curl, M. J	do 140 00	
	i	Dodge, D. K. Fulton, Edward.	do 270 83	1
	1	Fulton, Edward	do	
	1	Goodwin, T. G Guild, T. H Gwinn, Alta. Harbarger, Sada A	do	1
	1	Creina Alta	125 00	
	1	Warbargar Sada A	do	
	ì	Tongs E. S	do	
	1	Jones, H. S. V Jordan, J. C	do	il .
	ł	Jordan, J. C.	do	)
	1	Kelso, Ruth	do	1
		Kelso, Ruth.  Kyle, Martha J.  Landee, Marion.  Loomis, R. S.  McJohnston, Harrison.	do	d .
	1	Landee, Marion	do	1
		Loomis, R. S.	do 120 00	1
		McJohnston, Harrison	120 00	1
	]	Paul, H. G. Rinaker, Clarissa.	do	
		Saratt T. D	.do	
	,`	Schoennerle Gertrude	do130 00	
	1	Scott. F. W	do	3
	Į.	Sherman, S. P.	do308 33	l
	1	Stanley, T. B	do	ı
	1	Sutcliffé, E. G	do 100 00	l
	}	Tieje, A. J	do 120 00	
	1 .	Whicher, G. F	do 110 00	ĺ
	1 '	Woolbert, C. H	166 66	
	İ	Zeitiin, Jacob	do	l
	1	Folsom, J. W	do	
	ì	Classow Hugh	do,	1
	1	MacGillivray A D	do. 120 00 do. 250 00	1
	1 : :	McGoffiston, Harrison Paul, H. G. Rinaker, Clarissa. Sarett, L. R. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Tieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob. Folsom, J. W. Forbes, S. A. Glasgow, Hugh. MacGillivray, A. D. Peterson, Alvah. Bayley, W. S. Fleener, F. L.	do	1
	1	Bayley. W. S.	do	1
	1	Flagner F T.	do	1

0.	Date.	To whom.	For what.	Amour
	1913.			
247	Oct. 18	Heitkamp, G. W	Salary, October, 1913 \$ 40 00	)
td.				4
	1	Rolfé, C. W	do 250 00	
		Kich, J. L. Rolfe, C. W. Ross, C. S. Savage, T. W. Thompson, David. Barto, P. S. Brooks, N. C. Flom, G. T. Goebel, Julius. Green, Alexander. Held, F. E.	do 40 00	
		Savage, T. W	do 208 33	
	i	Thompson, David	do40 00	
	1	Barto, P. S.	do 100 00	
		Brooks, N. C	do 208 33	
	ļ	Flom, G. T	do233_33	
		Goebel, Julius	do	1
		Green, Alexander Held, F. E. Koller, A. H. Lessing, O. E. Meyer, G. H. Poor, C. M. Spindler, G. W. Williams, C. A. Zucker A. E.	120 00	21
		Held, F. E	do 50 00	
	ł	Koner, A. H	130 00	
		Lessing, O. E	do	3)
	}	Description of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of t	do 208 33	
		Chindles C W	do 150 00	
		Williams C. A	do	()
		Willams, C. A	no	
		Zucker, A. E.	do145_83	
	1	Brush Elizabath P	do	
	1	Buck S. I	do	
	1	Cole. A. C	.do	
	1	Duncalf, Frederick	do	
	1	Williams, C. A Zucker, A. E Alvord, C. W Brush, Elizabeth P Buck, S. J Cole, A. C Duncalf, Frederick Greene, E. B Larson, L. M Lybyer, A. H Robertson, W. S Borger, R. L Burns, Josephine E Chittenden, E. W Crathorne, A. R Denton, W. W Emch, Arnold Hebbert, C. M Kempner, A. J Lytte, E. B Miller, G. A Rietz, H. L Rowland, S. A Rutledge, George	do	
	1 .	Larson, L. M.	do	)
	1	Lybyer, A. H.	do250 00	:
	1	Robertson, W. S.	do	
		Borger, R. L.	do 125 00	
	ſ	Burns, Josephine E	do 100 00	
	Į.	Chittenden, E. W	do 120 00	
	1	Crathorne, A. R.	do 166 66	i
		Denton, W. W	do 140 00	)
	i .	Emch, Arnold	do 187 50	)
	1	Hebbert, C. M	do 60 00	)
	}	Kempner, A. J	do 140 00	
	1	Lytle, E. B	do 150 00	
	1	Miller, G. A	do	
		Rietz, H. L	do 158 33	
	4	Rowland, S. A	do	
		Rutledge, George	do	
	I	Snaw, J. B	do	
	1	Sisam, C. H	do	
	1	Config. E. P.	do	()
		Townsond F T	.do	()
	1	Wahlin G E	do	
	-	Zoie H C	do60 00	
	l	Reard I H	do	()
	I	Burga W E	ido	íl .
	l .	Neill Alma T	do	
	1	Bode, B. H.	.do	3
	1	Daniels, A. H.	do	<u> </u>
	1	Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B Sisam, C. H. Smith, G. W. Souffer, E. B. Townsend, E. J. Wahlin, G. E. Zeis, H. C. Beard, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd, W. F. Fairlie, J. A. Garner, J. W. Hanford, A. C. Mathews, J. M. Bentley, Madison Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Carry, Charles Eppels, Joseph FitzGerald, J. D. Moore, O. H.	do	
	1	Shepherd, Queen L.	110 00	
		Dodd, W. F	do	
	1	Fairlie, J. A	do	
	i	Garner, J. W	do	
	1	Hanford, A. C.	do 50 00	)
	1	Mathews, J. M	do 150 00	)
	1	Bentley, Madison	do 270 88	
	1	Ruckmich, C. A	do 130 00	
	1	Sutherland, A. H	do 150 00	
	ł	Vance, T. J	do	
	1	Beck, J. B	do 166 66	3
	1	Carnahan, D. H	do	
	1	Carry, Charles	do 110 00	
	1	Eppels, Joseph	do	2
	1	FitzGerald, J. D	do	!!
	1	Moore, U. H	do	<u> </u>
	I	Oliver, T. E.	do	(
	1	Schulters, J. K	do	
	1	Deymour, A. K	do	3
	]	Wegenham TV C	do 150 00	()
	1	Wesemberg, T. G	.do	
•	1	Eppels, Joseph FftzGerald, J. D. Moore, O. H. Oliver, T. E. Schulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Adams, C. C. Chenoweth, H. E.	do	
	1	Adome C C	do	
	1	Chanawath H F	do	<b>1</b>
	1	OHOHOWOM, 11. 12	.	1

Vo.	Date.	To whom.	For what.	Amour
	1913.	Cobb, Margaret V. Faust, E. C. Green, Bessie R. Heimburger, H. V. Johnson, Gertrude Kingsley J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. VanCleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles Hanson, R. B. Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F. Simon, Anna. Smith, Constance Barlow Townsend, L. L. Treat, Edna A. Van den Berg, H. J. Bond, Ethel. Curtis, Florence R. Reece, E. J. Simpson, Frances. Oaks, Katherine S. Kinley, David. Wright, A. B. Austin, Louise Bayley, Paul Blaney, Lillian Brandner, A. R. Browne, Lois A. Clark, Helen. Cort. W. W. Coultas, Lois M. Cushing, Helen I. Dewey, Ida B. Fisher, L. N. Garman, Philip Haskett, Aloa A. Heck, A. O. Ingels, Neile L. King, Jessie J. K. Knoche, Viola E. Lamb, B. F. Lantz, C. W. Lawrence, Matthew Lincoln, Warrene McKenna, E. L. Mathews, Howard Miller, Jessie F. Pasker, Marr Partridge, N. L. Paulson, P. A. Ray, S. H. Reeves, H. P. Schwart, W. A. Siebens, R. S. Stevens, W. E. Stokes, C. N. Sullivan, W. W. Theilen, Margaret K. Thorene, Mabel E. Wilson, W. H. Wolf, H. C. Wolfe, W. S.		
247	Oct. 18	Cobb, Margaret V	Salary, October, 1913 \$ 30 00	
Ctd.	1	Faust, E. C	do 60 00	
		Green, Bessie R	do 60 00	
		Heimburger, H. V	do	
		Johnson, Gertrude		
		Kingsley J. S	.do. 291 66 .do. 60 00 .do. 30 00	
	1	Linkins, R. H.	do	
	1	May, H. G.	do	
		Smith, Frank	do 250 00	
	1	Stunkard, H. W	do. 30 00 do: 120 00	
	1 .	VanCleave, H. J	120 00	1
	1	ward, H. B	116 66	
	1	Weils, Grace E	do	ł
	į.	Transan D. D.	.do	
		Hanson, R. B	.do	
	1	Winker Florence M	.do	
	1	Milla C II	do 205 00	
		Marchy F W	do. 225 00 do 170 00	ļ
		Nogmyth H D	do	
		Schwartz G F	do 109 99	1
		Simon Anno	do	l
	1	Smith Constance Berlow	do166 66	l
	1	Townsend L. L.	do100 00	1
	1	Treat. Edna A	do 100 00	
	1	Van den Berg, H. I	do	1
	1	Bond. Ethel	do	l
		Curtis Florence B	do 133 33	
		Reece E I	do	
	1	Simpson Frances	do	l
	1	Oaks, Katherine S	do	
	1	Kinley, David	do 583 33	
	1	Wright, A. B.	do. 583 33 do. 50 00	
		Austin, Louise	do	1
		Bayley, Paul	do	
		Blaney, Lillian	do	
	l .	Brandner, A. R.	do	
		Browne, Lois A.	do 25 00	i
		Clark, Helen	do	
	1	Cort, W. W	do	
	1	Coultas, Lois M	do 25 00	
	1	Cushing, Helen I	do	}
		Dewey, Ida B	do 25 00	
		Fisher, L. N	do 25 00	
	1	Garman, Philip	do	
	1	Haskett, Aloa A	do25 00 do25 00	1
		Heck, A. O	do	ĺ
		Ingels, Nelle L	do	1
	l .	Kile, Jessie J.	do	
	1	Knight, C. K	do 25 00	İ
	1	Knocne, Viola E	do 25 00	
	1	Lamo, B. F.	do 25 00	1
	1	Lantz, C. W	do	1
	1	Lawrence, Matthew	do 25 00	
	1	Lincoln, Warren	do25_00	3
	1	McKenna, E. L.	do25_00	3
	1	Miles Tois M	do25_00	3
		Miller Teorie E	do	1
	1	Miller, Jessie F	25 00	3
	ŀ	Powlers Morn	do25 00	3
	1	I Bontridge N T	.do	r) N
		Parlings, N. L.		
	1	Doy C U	do 25 00	3
	1	Poores H D	do. 25 00 do 25 00	3
•	1 .	Schinnerer O P	do	
	1	Showbart W A	do	
	1	Sighang Thekle M		
	1	Smith R S	do 25 00	
	1 .	Stavane W E	do	}
		Stokes C N	do 95.00	il .
	1	Sullivan W W	do. 25 00 do 25 00	1
	l .	Theilan Margaret V	.do	1
		Thoron Edna A	.do	
	1	Thorne Mahal E	do 95 00	
	1 '	Wilher A S	do. 25 00	
	l .	Wilson W U	do	()
		Wolf H C	.do	
	1	Wolfe W C	do	1
	1	YY ULLO, YY . D	Juv	1

0.	Date.	To whom.	For what.	Amour
	1913.			
247	Oct. 18	Brown, R. W	Salary, October, 1913 \$ 35 00	
td.		Carroll, W. E. Clark, F. E. Conel, J. L. Farwell, S. P. Fracker, S. B.	do	
		Clark, F. E	do	
		Conel, J. L	do	
		Farwell, S. P	do	
		Citting Flizoboth M	do	
		Gutherlet T F	do	
		Hardar O E	do	
	ł	Hense E O	do	
•	l	Holley C. E	do	
	1	Howard I W	do	
	!	Johnson, Morris	do	
	1	Kircher, E. A. T	do	
	İ	Lehenbauer, P. A	do	
		Macfarlane, Wallace	do	
		McGregor, H. H.	do	
	1	Mathewson, L. C	do 40 00	)
		Millard, E. B	do 40 00	)
		Miller, J. E	do	)
	1	Penne, A. F	do 35 00	
	}	Kusseil, F. A.	do	
	l	v oegeiein, Lily B	do	
	I	Wright Ouiner	do	
	I	Wyott F A	do	
	ł	Rolt T II	do	
	I	Hadlay E F	do	
	ł	McDermet Rudolph	.do	
		Maney G. A	do	
		Montgomery, Julian	do	
		Pogue, B. B	do	
	l	Thomas, H. R.	do	
	I	Wohlenberg, W. J.	do 50 00	
		Carrithers, I. R.	do 60 00	
	l	Gill, H. L	do 220 00	
	l	Huff, G. A	do 416 66	6
		Jones, R. R.	do 120 00	
	1	Manley, E. J	. do 90 00	
		Pengilly, H E	do 10 00	
	1	Brooks, Verna	do	
	1	Gaut, Rosa Lee	do	
	}	Hitt, Agnes		
	i	Hugnitt, Anna L		3
	1	Moulton Contrado	do	
		Shoomakor Dorothy Duth	do133 33	
		Webster F D	do	
		Avor T D	do	
		Rollman Minnia T	do	
	l	Branch Nelle E	do	
	1 .	Breddus, John	do	
	1	Cristy, Glen	do	
	1	Craig. Jennie A	do	
	1	Drury, F. K. W	do	
	l	Dunlap, Fannie	do	
	]	Eppinger, J. G.	do	)(
	1	Felsenthál, Emma	do 83 33	3
	1	Fontaine, É. O	do	)
	1	Gibson, Mable H	do 27 50	
		Goulding, P. S	do 166 66	
	ł .	Herdman, Margaret	do	
	1	Hodnefield, Jacob	do	
	ŀ	Hubbard, Marie E	do	2]
	l	Hutchins, Margaret	do	5
		javnrin, Charles	do	
		Jonnson, Alice	do	
	1	Jutton, Emma K	do	()
	ł	Kalser, J. B	do	
	1	Lasthaman Marian	do	()
		Leatherman, Marian	do	()
	I	Dotton Adob	do	(
	ŀ	Torronge Mory	do	(I
	ł	Tron Mary 7	do	()
	I	Windon P T.	do	(
	1	Clark, F. E Conel, J. L. Conel, J. L. Farwell, S. P Fracker, S. B Gittins, Elizabeth M Gutberlet, J. E Harder, O. E Holley, C. E Howard, J. W Johnson, Morris Kircher, E. A. T Lehenbauer, P. A Macfarlane, Wallace McGregor, H. H Mathewson, L. C Millard, E. B Miller, J. E Feine, A. F Russell, F. A Voegelein, Lily B Watson, Minnie E Wright, Quincy Wyatt, FA Belt, J. H Hadley, E. F McDermet, Rudolph Maney, G. A. Montgomery, Julian Pogue, R. B. Thomas, H. R Wohlenberg, W. J Carrithers, I. R Gill, H. L Huff, G. A. Jones, R. R Manley, E. J Pengilly, H. E Brooks, Verna Gaut, Rosa Lee Hitt, Agnes Hughitt, Anna L Landee, Marion C Moulton, Gertrude. Shoemaker, Dorothy Ruth Webster, F. D Ayer, T. P Bollman, Minnie J Branch, Nelle E Breddus, John Cristy, Glen Craig, Jennie Breddus, John Cristy, Glen Craig, Jonnie Brendhal, Emma Fontaine, E. O Gibson, Mable H Goulding, P. S Herdman, Margaret Hodnefield, Jacob Hubbard, Marie E Hutchins, Margaret Javnrin, Charles Johnson, Alice Jutton, Emma R Kaiser, J. B Karsten, Eleman Gircher, Verland Marian Mitchell, Marguerite Patron, Ada Troy, Mary Z Wynds, P. L Wyeth, Ola M Burmeister, W. H Dreyer, George P		()
	l .	Rurmaistar W H	do	(
	I .	Decree Corner D	do	

No.	Date.	To whom.	For what.	Amoun
	1913.			
2247		Dreyer, Geo. P	Salary, October, 1913 \$291 66	
Cld.	1	Eycleshymer, A. C. Fantus, Bernard.	do	
	-	Fantus, Bernard	do 166 66	
	1	Gardner, Stella.	do	
	į.	Genrman, Adolph	do	
	ļ	Topog Ti C	do 50 00  do 108 33	
		Lincoln Mary C	.do	
	1	Gehrman, Adolph. Haskell, J. E. Jones, T. S. Lincoln, Mary C. Miller, E. G.	do	
	1	Miller, B. G. Moore, J. J. Rupert, R. R. Small, J. C. Welker, W. H. Bake, L. E. Bernard, F. S.	do125_00	
	İ	Rupert, R. R.	do	
		Small, J. C	do 50 00	
	ţ	Welker, W. H	do 208 33	
		Bake, L. E	do 66 66	
	1	Bernard, F. S	do	
	1			
	1	Dittmar, Walter	do	
		Dittmar, G. W	do	
		Hixon, Arthur	do60 00	
		Lee, H. C.	_do 40 00	
	1	McGuire J. C	do 125 00	
	1	Moorehead, F. B.	do	
	Ì	Moorehead, F. B	do 83 33	:}
	İ	Noves. F. B	ldo 83 33	
		Schultz, Louis	do 33 33	
		Starr, S. P	do	
		Colson, H. W	do100_00	1
	1	Clark, A. H. Day, W. B. Eicher, B. L.	150 00	
	l	Eigher B. I	do	
	1	Fantus, Bernard	.do	
		Gathercoal, E. N.	do	
	1	Snow, C. M	do150 00	
	ı	Langelier W. F	.do	
	ŀ	Langelier, W. F. Hayes, J. B.	do	
	ŀ	Jahr. M. E	∣ do ' 140 00	
	İ	Barlow, Bronson	do 150 00	
	i	Parcel I. I	l do 208 33	
	1	Wilson, W. M. Fargo, R. N.	do	
	1	Pariok Fothering T	120 00	
		Renich, Katherine L. Young, L. E.	do	
	1			
	1	Nebel M. L	.do	
248	do	Nebel, M. L. Pay roll Alexander, Lilla Alley, W. E. Amos, Winifred	Civil service employees	\$8,469
		Alexander, Lilla.	Salary, October, 1913 65 00	
	Į.	Alley, W. E	do 85 00	
	1	Amos, Winifred	do 75 00	)
		Atkinson, C. E	40	
		Blackwell, Mary	do	
		Boice, L. A.	125 00	
		Broadhurst, Tabitha Brown, Ina M	do	
		Bryan, Sarah E	do	
		Buckler, Helen I	.do	
		Cass, Elizabeth H.	do	
		Crawford C C	l do - 65.00	
	į	Cunningham, H. E. Dalton, C. E.	do	
		Dalton, C. E	do	
		Emign, Edith	100	
		Feind, Frances	do	
		Fieg, Robert	do	
	l .	Fraser, Viola. Garwood, Frances.	1 4 50 00	3
	ŀ	Goetz Antoinette	do	
		Good, Elizabeth	.do	
		Goetz, Antoinette Good, Elizabeth Gordon, Marie	do	
		Griffith, Mabel.	do	
		Hamilton, Mrs. Alice V	do	) į
	1	Havens, Charles	do 120 00	l l
	I	Griffith, Mabel Hamilton, Mrs. Alice V Havens, Charles Hay, N Heater, Myrtle E Houchens, Josie B Hull, A. H	do166_66	
	1	Heater, Myrtle E	do.,	1
	1	Houchens, Josie B	do	1
	1	Humpichouse Vatio I	do	1
	I			
		goimson, Gernade E	100 00	1
	1	Kellev I H		
		Johnson, Gertrude E. Kelley, J. H. Kirwin, Nora.	do	

	Date.	To whom.	For what.	Amour
	1913.			
8	Oct. 18	Knapp, Aurella	Salary, October, 1913 \$ 75 00	i
	200	Knorr. L. E	do	
•		Lamb Allie B	do 55 00	l
		Leem A R	do	
		Loitz Louisa A	1.do	•
		Torro Mong T	.do	
		McConn O M	.do	£ .
		McContra A anno	do	į.
	ł	McGurty, Agnes	do	Į.
-	1	Manspeaker, L. Mae		1
	ł	Meneley, Maude E	do	ĺ
	l	Meseck, R	do	1
	l	Miller, C. E	do	ł
	1	Morey, Lloyd	do 125 00	1
	l	Morrow, J. A	do 166 66	
	1	Murphy, Morris	do 110 00	
	l	Nyberg, Florence A	do 50 00	l.
	l .	Oberdorfer, H. D.	do 200 00	l.
	}	Packard Ressia	do	
	l	Paal Elizabath C	do	
	I	Paal Thomas	do	
	l	Doet Frederick	do	
	ļ	Postleweit Tornist T	75 00	
	l	Possell B E	do	li li
	1	Lowen' P. E.	do	
	l	Knapp, Aurella Knorr, L. E. Lamb, Allie B Leem, A. R. Leitz, Louise A Love, Mary E. McGurty, Agnes Manspeaker, L. Mae Meneley, Maude E Meseck, R. Miller, C. E. Morey, Lloyd. Morrow, J. A Murphy, Morris Nyberg, Florence A Oberdorier, H. D Packard, Bessie Peel, Elizabeth C Peel, Thomas Post, Frederick Powell, B. E Renz, Myrtle Ricketts, Clara Robertson, Nellie Rogers, Della M	do	
	1	Kicketts, Clara	. do	
	l .	Robertson, Nellie Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shepard, Anna L Showers, T, J Slater, Sara M Smith, Florence E Smith, I M Smith, Mayme L Staples, O. E States, Bertha G Stevens, Sabra Steitz, Alfred Thompson, M. E	do	
	I	Rogers, Della M	. do	
	f	Scanlan, Mary	. do 60 00	1
	Į.	Sharp, Bertha L	. do 55 00	(K
	[	Shaw, Hazel Y	. do	d)
	ł	Shenard, Anna L	do	13
	i	Showers T I	do	
		Slatar Sara M	do	
	l	Smith Florence F	do	
	ł.	Cmith T M	do	
	ŀ	Cmith Morma T	do	
	1	Stanles O. E.	150 00	
	l .	Staples, O. E	. do	
		States, Bertna G	. do	
	Į.	Stevens, Sabra	. do	
		Steitz, Alfred	. do 85 00	
	l	Thompson, M. E	. do 90 00	
	f	Towne, L. J. Tuttle, G. P.	do	
	1	Tuttle, G. P	. do 100 00	
	}	Tyrrell, Josephine Voight, Lida E Winchester, B. L Wyninger, H. T	do	
	l	Voight, Lida E	. do	i L
	l	Winchester, B. L.	do	nl .
	ŀ	Wyninger, H. T.	do 60 00	
	l	Bever, Melinda L	do	
		Beyer, Melinda L	do	l l
		Arnagon Mahal	do	
		Arneson, Mabel	do	
	l	Browne W H	do 00 00	
	1	Browne, W. H. Cole, H. W	do	
		Color B D	. do	
		Coles, B. D.	. do	
		David, Eshoo	do	
	:	Froberg, Eric Loomis, Metta	. do	
1	ì	Loomis, Metta	. do 75 00	1
		North, J. W	. do 70 00	į.
- 1		Savage, John	. do 40 00	-
- 1	1	Southwell, James	do	1
- 1		Tomlinson, J. S	do 100 00	1
		David, Paul	1.do	
- 1		Ellis, É. R	1. do	8
		Leonard, Russell	do 45 93	
- 1	,	Math E R	do 195 00	K
		Receipt Milton	do 00.00	
		Vandarhaak H T	do 00 00	
		Wright C F	do 107 00	1
9	امة	Who Doonlag Cog Light & Cole C-	Tuel and light	9.00
0		The reopies Gas Light & Coke Co	r uerana ugnt	\$ 29
0	qo	prenning Hardware Co	Laboratory apparatus	38
1	ao	J. F. Burns & Co	Live trogs	! .7
2	do	Parke, Davis & Co	Laboratory supplies	38 7 12 65 41
3.	do	Globe-Wernicke Co	Office equipment	65
4	do	V. Mueller & Co	Laboratory supplies	41
5	do	Ella R. Michaels	do	20
6	do	North, J. W. Savage, John Southwell, James. Tomlinson, J. S. David, Paul. Ellis, E. R. Leonard, Russell. Math, E. R. Ressler, Milton. Vanderbeek, H. J. Wright, G. E. The Peoples Gas Light & Coke Co. Stebbins Hardware Co. J. F. Burns & Co. Parke, Davis & Co. Globe-Wernicke Co. V. Mueller & Co. Ella R. Michaels. A. C. McClurg & Co. Bausch & Lomb Optical Co. Library Bureau. Marshall, Field & Co.	Office supplies	20
7	do	Bausch & Lomb Optical Co.	Laboratory apparatus	184
8	do	Library Bureau	Furniture	184 180
9	do	Marshall, Field & Co	Supplies	i
				, .

о.	Date.	To whom.	For what.	Amou
	1913.			
260	Oct. 18	Western Fuel Co. Ernst Leitz. Chicago Eng. Supply Co Leavitt Mig. Co. The Letter Shop. C. A. Denman. W. W. Walls & Co. G. W. Sheldon & Co. Mississippi Valley Historical Assn. The American City Bureau. D. H. Lloyde. M. E. Jahr. Corbin Cabinet Lock Co. The Chester Horseshoeing Shop. The Chas. A. Hall Hardware Co. The Breaders Gazette. A. E. Wuesteman. G. C. Willis. National Biscuit Co. Urbana & Champaign Ry., Gas & Electric Co. Frank C. Pellett	Fuel Laboratory apparatus	\$ 6
261	do	Ernst Leitz	Laboratory apparatus	1
262 263	ao	Chicago Eng. Supply Co	Light Repairing lockers Mimeographing Painting Lumber Duty, freight, etc Dues Books	• ;
603	do. 21	The Letter Shop	Mimographing	
264 265	do	C A Danman	Painting	55
266	do	W. W. Walls & Co	Lumber	58 4
266 267	do	G. W. Sheldon & Co.	Duty, freight, etc.	
268	do	Mississippi Valley Historical Assn	Dues	
269	do	The American City Bureau	Books	
70 71	do	D. H. Lloyde	Office supplies	
71	do	M. E. Jahr	Traveling expenses	;
72	do	Corbin Cabinet Lock Co	Keys	1
73	do	The Chester Horseshoeing Shop	Horseshoeing	1
74	do	The Chas. A. Hall Hardware Co	Steel square	
75 76	ao	The Breeders Gazette	Copies	
76 77	ao	A. E. Wuesteman	Clock	
70		Wational Discret Ca	Ory goods	
78 79	Jdo	Urbana & Champaign Pu Gos & Floa	Dues Books Office supplies Traveling expenses Keys Horseshoeing Steel square Copies Clook Dry goods Crackers	
ı	ao	trie Co	Tickets ate	
80	1 40	Fronk C. Pallatt	Tickets, etc	1
Řĭ	do	The Storrs & Harrison Co	Nursery stock	58
81 82	do	H. Mueller Mfg. Co.	Tools	14
83 84	do	National Biscuit Co Urbana & Champaign Ry., Gas & Electric Co. Frank C. Pellett. The Storrs & Harrison Co. H. Mueller Mig. Co. G. C. Amsbary Co. Peoria Stone & Marble Works. T. M. Kehoe & Co. Eastman Kodak Co. The Weis Mig. Co. The Bourne-Fuller Co. C. J. Welch. Meyer & Wenthe. Harvard College Library. H. A. Hollister Central Union Telephone Co. Montgomery Ward Co. S. E. Huff & Co. J. M. Thornburn & Co. General Electric Co. C. C. Short.	Prints. Nursery stock. Tools. Cloth.	2.
34	do	Peoria Stone & Marble Works	Labor Hay Film Stand	Ĩ.
35	do	T. M. Kehoe & Co.	Hay	14 448
36	do	Eastman Kodak Co	Film.	
36 37	do	The Weis Mfg. Co	Stand	
38	do	The Bourne-Fuller Co	Coupling	14
39	do	C. J. Welch	Coupling Concrete walk Stamps Catalog Cards Traveling expense Advertising Exchange service	44
90 91	do	Meyer & Wenthe	Stamps	
91	do	Harvard College Library	Catalog Cards	1.
2	do	H. A. Hollister	Traveling expense	13
93	do	Chicago Tribune	Advertising	10 138
94 95	do	Central Union Telephone Co	Exchange service	138
70 96	do	Montgomery Ward Co	ErasersLaboratory apparatus	8
90 97		S. E. HUII & UO	Laboratory apparatus	
98	do	Ganaral Flactric Co	SeedsFans.	2
99	do	C C Short	Hardwara	4
)ŏ	do	Rest & Co	Supplies	30
)ĭ	do	The City of Urbana, C. B. Holmes	License	. 39
າາ	do	General Electric Co. C. C. Short Best & Co. The City of Urbana, C. B. Holmes. W. Lewis & Co. Illinois State Penitentiary. Ely Repair Co.	Hardware Supplies License Bats Brooms	
<b>)</b> 3	do	Illinois State Penitentiary	Brooms	:
)4	do	Ely Repair Co	Iron	8
)5 )6	do	Hunter, Rourke & Co	Coal	2
)6	do	The Creamery Package Mfg. Co	Thermometers. Repairing tank. Laboratory supplies.	
)7	do	Twin City Roofing & Sheet Metal Works	Repairing tank	18 18
8	do	Lord & Burnham Co	Laboratory supplies	
99	do	The Peters & Reed Pottery Co	do Reference cards Feeding stuff Hardware	19
0	do	The Letter Shop	Reference cards	]
2	ao	Pattengale Brothers	Transference	
3	uv	Fract Hartzbarg & Sans	Rinding	4
4	do	Tulius Andrea & Sone Co	Laboratory supplies	
5	do	Edward C. Schmidt	Traveling expenses	
6	do.	Federal Steel Fixture Co	Laboratory supplies	14
7	do.	Brown & Sharpe Mfg. Co	Laboratory apparatus	
8	do	The New Era Printing Co	Reprints	
9	do	Illinois State Penitentiary  Ely Repair Co.  The Creamery Package Mig. Co.  The Creamery Package Mig. Co.  Twin City Rooling & Sheet Metal Works Lord & Burnham Co.  The Peters & Reed Pottery Co.  The Letter Shop.  Pattengale Brothers  Taylor Hardware Co.  Ernst Hertzberg & Sons.  Julius Andrae & Sons Co.  Edward C. Schmidt.  Federal Steel Fixture Co.  Brown & Sharpe Mig. Co.  The New Era Printing Co.  The New Era Printing Co.	Advertising	12
0	do	Fuller & Fuller	Laboratory supplies	2
1	do	E. W. A. Rowles	Crayons	- 2
2	do	Woldenberg & Schaar	Litmus paper	10
3	do	M. H. Fairchild & Brother	Soft soap	g
4	do	w nitail-Tatum Co	Laboratory supplies	
5	do	M. A. DOHOHUE & CO	T about our granding	8 17 37
6 7	do	Congumers Co	Hadron Supplies	
8	uo	Control Electric Co	Sunnlies	7 53
KO I		Charles H Resty & Co	Tools supplies	56
0		Standard Oil Co	Oil	5 7
31	40	Barnhart Brothers	Hardware supplies	•
32	do	P. S. Campbell	Printing, paper	7 26
33	do	L. C. Smith & Bros. Typewriter Co	Rental.	7
34	do	Pattengale Brothers Taylor Hardware Co. Ernst Hertzberg & Sons. Julius Andrae & Sons Co. Edward C. Schmidt. Federal Steel Fixture Co. Brown & Sharpe Mg. Co. The New Era Printing Co. The New Era Printing Co. The American Pharmaceutical Assn. Fuller & Fuller E. W. A. Rowles. Woldenberg & Schaar M. H. Fairchild & Brother. Whitall-Tatum Co. M. A. Donohue & Co. E. H. Sargent & Co. Consumers Co. Consumers Co. Constral Electric Co. Charles H. Besly & Co. Standard Oil Co. Barnhart Brothers P. S. Campbell L. C. Smith & Bros. Typewriter Co. Illinois State Reformatory. The Burr Co. Bryan-Marsh Electric Works Bausch & Lomb Optical Co.	Printing	39
35	do	The Burr Co	Repairs	7
36	do	Bryan-Marsh Electric Works	Electric supplies	159
37	do	Bouseh & Lomb Ontical Co	Laboratory supplies	169

lo.	Date.	Bacon Brothers	For what.	Amour
	1913.			
2338 2339	Oct. 21	Bacon Brothers	Painting	\$ 40 22 9
2339	do	Benjamin & Wilson	Supplies	22
2340	do	J. C. Thomas Hardware	do	9
2341	do	Champaign Start Large Age	Repairs	11
2342 2343		Williams Brothers	Point brushes	22
2344	do	Millar Harness Co	Supplies	15 34
2345	do	The Chester Transfer Co.	Transfer	34
2346	do	Twin C tv Ice & Cold Storage Co	Ice books	8
2347	do	Knowlton & Bennett	Glass	8
2348	do	H. A. Ruehe	Traveling expenses	14
2349	do	Garfield Jones	do	. 13
2350	do	R. E. Hulce	do	5 11
2351	do	L. R. Lang	do	11
2352	do	W. W. Yapp	qo	15
2353	do	F. A. Pearson		7
2354	qo	H C Lawren	do	28 13
2355 2356		D. T. Polls & Co	Adventisement etc	13
2357		Walter C Tongs	Instruction	40 66
2358	do	I D White Postal Station Clark	Postage	450
2359	do	C. C. C. & St. L. By Co	Freight	450 192
2360 2361	do	The C., C., & St. L. Rv. Co	do	132
2361	do	The Wabash R. R. Co.	do	24
2362	Oct. 22	W. J. Carmichael	Traveling expense	24
2363	do	Vaughans Seed Store	Supplies	17
2364	do	Babcock & Wilcox	Machine repairs, labor	124
2365	do	Garman Mfg. Co	Crates	32 12
2366	do	Central Electric Co	Wire	12
2367	do	Keuffel & Esser	Paper	2
2368	do	Carson, Pirie, Scott & Co	Percolators, trays	16 14
2369	do	F. K. Robeson	Supplies	14
2370	do	Eisner Grocery Co	do	10
2371	do	Democrat Printing Co	Pampniet boxes	100
2372 2373	do	Twin City Printing Co	Stationery	5 1
2374	do	The Webesh Cobinet Co	Corde	5
2375		Scott Paper Co	Drinking cuns	i
2375 2376		A vlay Hoy Co	How	188
2377	do	Humphreys-Godwin Co	Meal	578
2378	-do	E. I. DuPont de Nemours Powder Co	General supplies	7
2378 2379	do	C. W. Johnson	Laboratory apparatus	16
2380	do	D. H. Lloyde	Supplies	16 1
2381	do	Illinois State Reformatory	Printing	80 40 50
2382	do	E. H. Sargent & Co	Apparatus, etc	40
2383	do	Pay roll	Civil service employees	50
	_	Swearington, Daisy O	Salary, October, 1913 \$50 00	
2384	do	Pay rou	Civil service employees	7,307
- [		Porto Lucy M	Wages, October, 1915 55 00	
- 1		Puelsles Mildred F		1
		Chaplin Ralph	do 60 00	
[		Conley, M. J.	do 75 00	l
ı		Cook, Jesse	.do	1
1		Cover, Hazel	do	
1		Crawford, T. P	do 50 00	
- 1		Custer, Emma L	do 70 00	
1		Foor, H	do 55 00	
- 1	٠ .	Gage, Marjorie H	do 65 00	
- 1		Goodspeed, W. S	do 83 33	l
İ		Guppins, Maud	do 60 00	
·		Halliday, Mable	do 60 00	1
J		Harone, Ulaude	ao 40 00	
- 1		Hough William		
- 1	1	Liough, Whilam	do 80 00	
1		Vallar T P	do 57 50	
1	1	McIntire W A	do 50 00	
- 1	1	Meenach Earl	do 65 00	
	1	Meenach, O. E.	do 10 00	
	I	Merchant, Dona	do	
	i	Millar, Mary	.do	
ļ		Moore, P. O	do	
ĺ	ĺ	Morgan, J. E	do	
1		Patterson, Will	do 50 00	
1		Pergande, R	do 95 00	
- 1		Poll, Lillian	do 50 00	
		Duitchard II	l do 65 00	
ļ	1	Frichaid, H		

No.	Date.	To whom.	For what.	Amour
	1913.	To whom.  Pulling, Elizabeth Rhoads, Hazel Ritter, Sarah M Rose, M. D Sharp, Ethel Sprinkle, D. C. Stoneburner, A. J. Stricklan, Freda Wheeler, H. H. White, Loretto Wilson, R. W Badel, Nathan Bowen, E valena Brown, C. F Brown, C. F Brown, C. F Brown, E. J. Broyles, W. H. Burt, Ruth C Coffey, J. H. Conrad, Emma Cummings, J. S. Curry, Florence J. Dale, Fred. Daniel, John David, Simon Engle, Lawrence Feidkamp, Amelia. Gallaher, Marion B Gelda, Isak George, Elia. Grabbe, Florence Ham, Raymond Hamm, Charles Hamilin, Clyde Heath, W. M. Herbert, J. J. J. J. J. J. J. J. J. J. J. J. J.		
2384	Oct. 22	Pulling, Elizabeth	Wages, October, 1913 \$ 60 00	2
Ctd.	1	Rhoads, Hazel		(
	1	Ritter, Saran M		{
	l	Sharn Fthal	do 40.00	( .
	l	Sprinkle D C	do 50 00	SI .
	i	Stoneburner A I	i do 50 00	(I
	1	Stricklan Freda	do 65 00	S)
	l	Wheeler, H. H.	do	il .
	l	White Loretto	do	
	l	Wilson, R. W	do	)
	1	Badel, Nathan	do 50 00	)
		Bowen, Evalena	do 65 00	)
		Brown, C. F	do	)
		Brown, E.J	do	2)
		Broyles, W. H	do	2
	l	Burt, Ruth C	do	?
		Conrod Emmo	35 00	(
	1	Cumminge I S	do 49 05	<u>'</u>
	1	Curry Florence T	do 90 00	N .
	1	Dale. Fred	do 50 00	SI .
	1	Daniel, John	do	il .
	1	David, Simon	do	
	1	Engle, Lawrence	do	)
		Feldkamp, Amelia	do	)
	j	Gallaher, Marion B	do 40 00	)
	{	Gelda, Isak	do 50 00	)
	1	George, Elia.	do 50 00	2
	!	Grabbe, Florence	do	2
	}	Ham, Raymond	do	2]
		Hamm, Charles		31
		Hanth Wm	30 00	
	}	Horbort T T	do 95 00	3
		Tonsen George	do 47 50	
	1	Klena Joseph	do 70 00	S)
		Lankford, R. A.	do	6
		McQueen, H. D.	do	j
		Mink, George	do	)
		Mink, J. D	do 50 00	)
	1	Miller, W. W	do	)
	Į.	Moore, H. E	do 50 00	2
	ĺ	Needham, Lucile	do	2]
	ļ	Dragge W.m.	00 00	()
	l	Podman Louise F	do 60 00	
	1	Reid Olive G	do 50 00	
	1	Reynolds, Mrs. Elizabeth	do 45 00	6
	1	Riggs. Bess.	do	6
	l	Sayer, Clint.	do	)
		Shipman, Cash	do	)
	(	Shue, Mrs. Lizzie B	do	)[
	1	Smith, H. S	do 80 00	2
		Stives, M. F		3
	l	Tomek, Gertrude	do	{
	1	Stives, M. F. Tomek, Gertrude. Vauble, Daniel Andrews, J. B Badges, C. J. Beaumont, G. S Bennett, W. L Burdick, I. F. Burwash, A. E. Campbell, C. A. Cate, H. A. Chapman, C. C. Crouch, H. E. DeWerfi, J. H Dunlap, B. H Engle, W. J. Fullenwider, T. Gardner, Luther Garver, Earl. Granthan, G. M. Harry, W. L Hunter, L. A. Jensen, C. C. Jones, Garfield Lankford, John	Wages Contember 1012 50 00	()
	[	Rodges C T	Wages, September, 1913 50 00	(
		Regiment G S	do	()
	l	Rennett W L	.do	
	ŀ	Burdick, I. F	do	il
	1	Burwash, A. E.	.do	
	1	Campbell, C. A.	do	)
	1	Cate, H. A	do 70 00	){
		Chapman, C. C.	do 100 00	)
		Crouch, H. E.	. do	)
	l	Dewerff, J. H.	do	<u>U</u>
		Duniap, B. H	do	3
	ļ	Engle, W. J	do	(1
	1	Cordner Tuther	35 UC	
	1	Corver Forl	do	
	1	Granthan G M	do	
	ł	Harry W L	do	1
	1	Hunter, L. A.	.do	il
	1	Jensen, C. C.	do	il
	l	Jones, Garfield	.do	ol .
	1	10.0	do	

No.	Date.	To whom.	For what.	Amount
	1913.	Lawson, H. C. Palfrey, J. R. Pine, Fred. Reed, Alice Rigg, C. L. Romine, J. F. Schulze, George. Schur, Raymond. Sims. Flora M Smith, J. F. Stark, R. W. Torgerson, E. F. Tornquist, Andrew. Walters, Philip. Anderson, J. C. Clarke, Ethel. Diekman, T. W. Engle, Ralph. Glover, R. C. Hakansson, Eric. Hiskey, George M. Stoutzenberg, Florence. Meeker-Magner Co. Chicago Fire Proof Storage Warehouse J. B. Andrews. Warran A. Ruth. O. S. Watkins. H. F. Moore. M. Abe. D. A. Abrams. N. E. Ensign. G. A. Maney. H. R. Thomas W. A. Slater H. F. Thomas W. A. Slater H. F. Gomerman A. N. Talbot. Paul Hansen. Central Electric Co. E. H. Sargent & Co. Cunningham Bros. Chas. H. Besly & Co. Trwin City Printing Co. John H. Doyle D. H. Lloyde. Keystone Type Foundry. Urbana & Champaign Ry., Gas & Electric Co. Martin Metz. American Steel & Wire Co. The Board of Agriculture & Fisheries		
2384	Oct. 22	Lawson, H. C.	Wages, September, 1913 \$55 00	
Cld.	1	Pallrey, J. R.	do	
	1	Reed Alice		
	1	Rigg, C. L.	-do40 00	
	1	Romine, J. F.	do	
	i	Schulze, George	do	
		Schur, Raymond	do 40 00	
		Sims, Flora M	do	
	Į	Smith, J. F.	do 70 00	
	1	Corgorgen F F	do	1
	ł	Tornaviet Andrew	do 75 00	1
		Walters Philip	do 75 00	
	1	Anderson, J. C.	do 70 00	1
		Clarke, Ethel	do	J
	1	Diekman, T. W	do	1
	1	Engle, Ralph	do 30 00	ų.
		Glover, R. C.	do 50 00	1
	1	Hakansson, Eric	do 30 00	1
		Hiskey, George M	do	1
	0.4 00	Stoutzenberg, Florence	do 25 00	2010
2385 2386	Oct. 23	Meeker-Magner Co	Renewal premium	\$240 4
2386	do	Chicago Fire Proof Storage warehouse	Trovoling ovnongo	17
2388	do	Warran A Duth	do	17 98
2389 2390	do	Warran A Ruth	Field expense	56
2390	do	O S Watkins	do	56 22 21
2391	do	H. F. Moore	Traveling expenses.	21
2392	do	M. Abe.	do	7
2393	do	D. A. Abrams	do	7 23
2393 2394	do	N. E. Ensign.	do	21
2395	do	G. A. Maney	do	23
2396	do	H. R. Thomas	do	51
2397	do	W. A. Slater	do	60
2398	do	H. F. Gonnerman	do	30 25
2399	do	A. N. Talbot.		25
2400 2401	do	Paul Hansen	T ab anotany apparetus	36
2401		E H Sorgent & Co	Laboratory apparatus	41 4 5 8
2402 2403	do	Cunningham Bros	Supplies	1 7
2404	do	Chas H Basly & Co	Laboratory apparatus	8
2404 2405	do	Twin City Printing Co	Stamps printing	19
2406	do	John H. Dovle	Supplies	19 11
2406 2407	do	D. H. Lloyde.	do	. 14
2408	do	Keystone Type Foundry	Laboratory apparatus	. 59
2409	do	Urbana & Champaign Ry., Gas & Elec-		1
	1 -	tric Co	Laboratory supply of gas	24 16 144 3 17 6
2410 2411	do	Martin Metz	Painting	. 16
2411	do	American Steel & Wire Co	Pelleting	144
2412 2413		The Board of Agriculture & Fisheries	Cumplies	1 17
2413	00	L. C. Smith & Bros Typowriter Co.	Rantale	6
2414	do	Control Scientific Co	Laboratory apparatus	92 1 34
2416	do	Champaign Steam Laundry	Laundry work	ī
2416 2417	do	Dayton Tree Label Co.	Labels, stakes.	. 34
2418	do	Walker & Mulliken.	Roller	6
2419 2420	do	Flora Auto Co.	Repairs, etc	6 1 12 96
2420	do	Wilson Bros	Livery hire	. 12
2421	do	Jolly, Wieland & Richardson Co	Hardware, etc	. 96
2421 2422	do	E. P. Little	Hay	.  35
2423	do	Star Brass Mfg. Co	Apparatus	35
2423 2424 2425	do	F. K. Robeson	Felt	<u>ئ</u>
2425	Oct. 24	Twin City Roofing & Sheet Metal Works	Laboratory apparatus	1 25 4 5 22
2426	do	Fairbanks, Morse & Co	Truck	-  #
2427	do	Leavitt Mig. Co	Apparatus repairs	-  5
2427 2428 2429	J00	Conoral Floatric Co	Popoire	95
2429	ao	Wilson-Mooulon Co	Tubas	. 99
2430 2431	ao	Por Charles	Tiling avnansa	22 35 2 73 120 53 30 40
2431	do	Samual Campball	do	120
2432 2433	do	S V Holt	Traveling expenses	53
2434	do	I. E. Whitchurch	Field expenses	. 30
2435	do	Chas. A. Campbell	Traveling expenses	. 40
2434 2435 2436	do	Harrison Fahrnkopf	do	13
	do	C. C. Logan	do	. 18
			1	. 35
2437 2438	do	R. W. Dickenson	. do	. 30
2437	do	D. H. Lloyde. Keystone Type Foundry. Urbana & Champaign Ry., Gas & Electric Co. Martin Metz. American Steel & Wire Co. The Board of Agriculture & Fisheries. D. H. Lloyde. L. C. Smith & Bros. Typewriter Co. Central Scientific Co. Champaign Steam Laundry. Dayton Tree Label Co. Walker & Mulliten. Flora Auto Co. Wilson Bros. Jolly, Wieland & Richardson Co. E. P. Little. Star Brass Mig. Co. F. K. Robeson. Twin City Roofing & Sheet Metal Works Fairbanks, Morse & Co. Leavitt Mig. Co. Joseph T. Ryerson & Son. General Electric Co. Wilson-Maeulen Co. Roy Charles. Samuel Campbell. S. V. Holt. J. E. Whitchurch Chas. A. Campbell. Harrison Fahrnkopf. C. C. Logan. R. W. Dickenson. H. C. Wheeler. F. W. Wascher.	do	44

No.	Date.	To whom.	For what.	Amou
	1913	To whom.  H. J. Snider E. E. Hoskins. H. C. Gilkerson. A. Floyd Heck J. R. Midyett O. M. Allyn H. W. Mumford. B. E. Powell A. J. Gunderson. O. S. Watkins. Electric Coal Co. A. L. A. Publishing Board Fuller & Fuller Co. R. C. Wagner & Son Spencer Lens Co. The Tablet & Ticket Co. E. G. Soltman Hektograph Mfg. & Dup. Co. Reasoner Brothers Burke & James. The Illinois Agriculturist. Flanigan-Pearson Co. Harvard Apparatus Co. A. E. Wuestman F. K. Robeson. E. H. Sargent & Co. He American Multigraph Sales Co. Illinois State Reformatory. D. H. Lloyde. P. S. Campbell John H. Doyle J. F. Burns & Co. Dunlap, Fannie. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E		
2441	Oct. 24	H. J. Snider	Field expenses	\$ 12
2442 2443	do	E. E. Hoskins	Field expenses	18
2443	do	H. C. Gilkerson	Traveling expenses	14
2444	00	A. Floyd Heck	Field avnances	69
$2445 \\ 2446$	do	O M Allyn	do	14
2447	1do	H. W. Mumford.	Traveling expenses	8
2448	do	B. E. Powell	do	6
2449	do	A. J. Gunderson	do	24 15
2450	do	O. S. Watkins.	do	15
2451	do	Electric Coal Co	. Coal	1,097
2452	do	A. L. A. Publishing Board	Index, etc	6
2453	do	Fuller & Fuller Co	Touling	2
2454 2455	00	Changer Long Co	Microscope glasses	20
2456	do	The Tablet & Ticket Co	Cardboard	1
2457	do	E G Soltman	Contracts	1 9
2458	do	Hektograph Mfg. & Dup. Co	Duplicator	19
2459	do	Reasoner Brothers	Nursery stock	19
2460	do	Burke & James	Ingento retouching hood	[
2461	do	The Illinois Agriculturist	Magazines, payment	85
2462	do	Flanigan-Pearson Co	Traveling expenses. do do do Coal Index, etc. Gelatine Hauling Microscope, glasses Cardboard Contracts Duplicator Nursery stock Ingento retouching hood Magazines, payment Printing	85 4 89
2463	do	Harvard Apparatus Co	Magazines, payment. Printing Laboratory apparatus. Spectacles Toweling Clays Repairs. Printing Supplies	89
2464	do	A. E. Wuestman	Townsing	172 51
$2465 \\ 2466$	uo	E H Sargant & Co	Clove	51
2467	do	The American Multigraph Sales Co	Renairs	l of
2468	do	Illinois State Reformatory	Printing	63
2469	do	D. H. Lloyde	Supplies	2
2470	do	P. S. Campbell	Printing. Hardware supplies	10
2471	do	John H. Doyle	Hardware supplies	3
2472	do	J. F. Burns & Co	Frogs	6
2473	do	Dunlap, Fannie	Hardware supplies Frogs Salary, September, 1913 For student labor Sundry bills paid For general labor Express bills paid Salary Binding Binders Gummed numbers Tickets	60 509
2474	do	O. E. Staples, Bursar	For student labor	509
2475	do	O. E. Staples, Bursar	Sundry buis paid	111
2476 2477		O. E. Staples, Dursar	Evnress hills noid	111 458 93
2478	do	C. M. Thompson	Solory	180
2479	do	Flanigan-Pearson Co	Binding	3
2480	do	Irving-Pitt Mfg. Co.	Binders.	180 3 15 5 17
2481	do	Gaylord Bros	Gummed numbers	5
2482	do	Arcus Ticket Co	Tickets	17
2483	do	National Steam Specialty Co	Air valves	28 16
2484	do	Standard Oil Co	. 011	16
2485	ao	James B. Clow & Sons	Oil. Straps, tin. Bonds. Book	10
$\frac{2486}{2487}$	do	Ernst Tortshors & Cons	Pools	60
2488	do	Champaign Gas & Electric Supply Co	Lamps	- e
2489	do	George W. C. Meyer	Laboratory supplies	13
2490	do	Flanigan-Pearson Co	Printing	13 12
2491	do	John H. Doyle	Hinges and screws	1
2492	do	Chas. Grein	Straw	1 20
2493	do	Knowlton & Bennett	Laboratory supplies. Printing Hinges and screws Straw Oil.	10
2494	do	John H. Doyle Chas. Grein K. Knowlton & Bennett R. C. Wagner & Son Twin City Ice & Cold Storage Co Stone & Forsyth T. J. Colvin. A. S. Nelson & Sons. Martin Metz.	Coal. Ice book Laboratory supplies.	10
	do	Twin City Ice & Cold Storage Co	T ab anatony gun-	25
2496	do	T I Colvin	Meat	31
2497 2498	do	A S Nalson & Sons	Oil	I
2499	do	Martin Metz.	Repairing etc.	1
2500	do	C. C. Short	Repairing	
2501	do	Martin Metz. C. C. Short. E. H. Sargent & Co. G. C. Willis. The Chas. A. Hall Hardware Co. D. H. Lloyde. Barnhart Brothers. The Carborundum Co. The University Press. F. K. Robeson. Cunningham Bros. Bacon Brothers. Reliable Plumbing & Heating Co.	Oil. Repairing, etc. Repairing Thermometers	8
2502	do	G. C. Willis	Dry goods	35
2503	do	The Chas. A. Hall Hardware Co	Jar rubbers	
2504	do	D. H. Lloyde	Repairing	4
2505	do	Barnhart Brothers	Pulls	1
2506	do	The Carporundum Co	Laboratory supplies	1 1
$\frac{2507}{2508}$	do	THE UNIVERSITY PRESS	Thermometers Dry goods Jar rubbers Repairing Pulls Laboratory supplies Programs Toweling Supplies do Plumbing materials Lumber Supplies	7
2508	do	Cunningham Bros	Sunnlies	4
2510	do	Bacon Brothers	do	4
2511	do	Reliable Plumbing & Heating Co	Plumbing materials	13
2512	do	Alexander Lumber Co	Lumber	3
2513	do	Percival & Moorehead.	Supplies	13
2514	do	A. H. Barber Creamery Supply Co	Laboratory apparatus	20
2515	do	Reliable Plumbing & Heating Co. Alexander Lumber Co Percival & Moorehead A. H. Barber Creamery Supply Co. General Electric Co. Central Electric Co.	Fans. Steel boxes, conduit. Hardware supplies	30
2516	do	Central Electric Co	Steel boxes, conduit	18 8 4 43
2517	do	The Taylor Hardware Co. Twin City Printing Co. Illinois State Reformatory.	Hardware supplies Stamps Envelopes, printing	8
2518 2519	do	Twin City Printing Co	Stamps	4
	do	Illinois Stata Reformatory	Envelones printing	43

No.	Date.	To whom.	For what.	Amou
	1913.	The Burr Co. Illinois State Reformatory. A. C. McClurg & Co. Morrisson, Plummer & Co. The S. S. White Dental Mfg. Co. John Bohr, D.D.S. Jacob & Holmes, Catalogs. Goodharf's Laundry. Baker Paper Co. Boland Machinery Co. Kasen's Express & Van Co. Corbin Cabinet Lock Co. Marshall Field & Co. Slegel, Cooper & Co. Consumer Co. Western Lumber Co. The Liquid Carbonic Co. Antiseptic Liquid Soap Co. Fuller & Fuller Co. Ahrens & Schriener V. Mueller & Co. Physicians' Supply & Drug Co. Cameron, Amberg & Co. E. H. Sargent & Co. The Coast Products Irving-Pitt Mfg. Co. H. P. Rusk. O. E. Staples, Bursar Hoskins Mfg. Co. United States Blue Print Paper Co. Whitehead Brothers Co. P. S. Campbell. The Garlock Packing Co. Woldenberg & Schaar Wadsworth-Holland Co. Mittendorf & Killer The University Press Flanigan-Pearson Co. C. A. Denman Green Engineering Co. O. E. Staples, Bursar Whitting Paper Co. Western Carbon & Ribbon Co. Standard Cap & Seal Co. Colonial Steel Co. H. W. Johns-Manville Co. S. C. Wilson & Co. L. E. Foglesong C. E. Durst. R. T. Welsh A. Ten Broeck F. A. Pearson. John R. Palfrey Earl Garver Rockwell-Barnes Co. G. W. Sheldon & Co. Electric Coal Co. Electric Coal Co. Electric Coal Co. Electric Coal Co. Electric Coal Co. Electric Coal Co. Electric Flaning Co. Consine Secientific Press Chester White Record Assn. The Fisher Governor Co. Ceter Henderson & Co. Covernation of Co. Consigned Scientific Press Chester White Record Assn. The Fisher Governor Co. Ceter Henderson & Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Covernation of Co. Cove		
$2520 \\ 2521$	Oct. 24	The Burr Co	Foundry work, etc	\$ 39
$2521 \\ 2522$	do	Illinois State Reformatory	Printing	79
2522	do	A. C. McClurg & Co	Supplies	9
$2523 \\ 2524$	1	The S. S. White Depted Mfg. Co.	. do	82
2525	do	Tohn Robe D D S	Laboratory supplies	650
2526	do	Jacob & Holmes Catalogs	Catalogs	530
2527	do	Goodhart's Laundry	Laundry	25
2528	do	Baker Paper Co.	Supplies	4
2529	do	Boland Machinery Co	Foundry work	12
2530	do	Kasen's Express & Van Co	Transfer	1 3
2531	do	Corbin Cabinet Lock Co	Padlocks	33
2532	do	Marshall Field & Co	Towels	1
2533	ao	Siegel, Cooper & Co	Rappits	1 4
$2534 \\ 2535$	do	Western Tumber Co	Tumbon	14
2536	do	The Liquid Carbonia Co.	Gos	
2537	do	Antisentic Liquid Soon Co	Liquid soan	28
2538	do	Fuller & Fuller Co	Supplies	3
2539	do	Ahrens & Schriener	Supplies	
2540	do	V. Mueller & Co	Laboratory apparatus	134
2541	do	Physicians' Supply & Drug Co	Laboratory supplies	15
2542	do	Cameron, Amberg & Co	Supplies	3
2543	do	E. H. Sargent & Co	Laboratory supplies	61
2544	do	The Coast Products	Supplies	. 384
2545	do	Irving-Pitt Mfg. Co.	Indexes	
2546	do	H. P. Rusk	Traveling expense	47
2547	ao	U. E. Staples, Bursar	Student labor	259
$2548 \\ 2549$	do	Traited States Plus Print Pener C-	Tiangles	8
$2549 \\ 2550$	uo	Whitehead Brothers Co	Wibrator	1
2551	do	P S Campbell	Printing	13
2552	do	The Garlock Packing Co	Packing	15
2553	do	Woldenherg & Schaar	Laboratory apparatus, etc.	958
2554	do	Wadsworth-Holland Co	Metal nolish	1 00
2555	do	Mittendorf & Kiler	Transfer cases	1 8
2556	do	The University Press	Printing	9
2557	Oct. 27	Flanigan-Pearson Co	do	84
2558	do	C. A. Denman	Painting	14
2559	do	Green Engineering Co	Drive links	34
2560	do	O. E. Staples, Bursar	General labor	133
2561	do	Whiting Paper Co	Paper	58
$\frac{2552}{2563}$		Western Carpon & Rippon Co	Carpon paper	42
2564	do	Colonial Stool Co	Laboratory supplies	44
2565	do	H. W. Johns-Manville Co	Laboratory apparatus	28
2566	do	S. C. Wilson & Co	Feeding stuffs	12
2567	do	L. E. Foglesong	Traveling expenses	250
2568	do	C. E. Durst	do	30
2569	do	R. T. Welsh	do	5
2570	do	A. Ten Broeck	do	5
2571	do	F. A. Pearson	do	1 5
2572	do	John R. Palirey	do	3
2573	do	Earl Garver		8
$2574 \\ 2575$	ao	C W Shelden & Co	Unice supplies	۱ ،
2576	do	Kalamazon Loosa Loof Rindor Co	Office cumplies	13
2577	do	Electric Coal Co	Coal	72
2578	- do	Ely Carriage Shop	Renairing	· ''
2579	do	W. B. Whittier & Co.	Nursery stock	14
2580	do	Rogers & Hall Co	Printing	329
2581	do	Hoškins Mfg. Co	Laboratory apparatus	1
2582	do	The Letter Shop	Multigraphing	1
2583	do	Mining & Scientific Press	Book	3
2584	do	Chester White Record Assn	Recording	
2585	do	The Fisher Governor Co	Machine repairs	31
2586	do	Peter Henderson & Co	supplies	7
2587	00	w estinghouse Electric & Mig. Co	Repairs	23
2589	uo	J. C. White. Henry A. Dreer	Frascering	150
0700				198
2591	do	Kaffer Brothers	Laboratory apparetus	159 37 11
2592	do	C C Short	Shoes	i
2592 2593	do	Henry F. Michell Co	Counters	19
2594	do	U. S. Blue Print Paper Co.	Tracing paper	ió
2595	do.	A. B. Dick Co.	Stencil paper	12 10 27 19
2596	do	Neostyle Co	Ink.	<b>1</b> 9
2597	do	Kather Brothers. Chas. Mollet. C. C. Short. Henry F. Michell Co. U. S. Blue Print Paper Co. A. B. Dick Co. Neostyle Co. The Enterprise Mfg. Co. G. C. Willis	Laboratory apparatus.	18
2598	do	G C Willie	Blanket	4

No.	Date.	To whom.	For what.	Amount.
2 0500	1913.	The Champaign Daily Gazette City of Champaign, City Clerk W. C. Kruse. Stone Brothers H. A. Hollister The C., C., C. & St. L. Ry. Co. The Wabash R. R. Co. Illinois Central R. R. Co. Eugene Dietzgen Co. A. B. Dick Co. Chas. H. Besly & Co. Twin City Roofing & Sheet Metal Works The University Press Alexander Lumber Co. Leavitt Mfg. Co. Bryan-Marsh Electric Works. General Electric Co. S. E. Huff & Co. E. D. Brockway Geo. Harding Societe Mathematique de France The Garlock Packing Co. Bausch & Lomb Optical Co. Illinois State Reformatory. James B. Clow & Sons. The Chas. A. Hall Hardware Co. F. K. Robeson. Western Electric Co. The Burr Co. Central Electric Co. The Burr Co. Central Electric Co. The Burr Co. Central Electric Co. The Burr Co. Central Electric Co. The Burr Co. The Hubbard, Spencer, Bartlett & Co. The Weis Mfg. Co. E. H. Sargent & Co. Bacon Brothers The Taylor Hardware Co. The J. W. Butler Paper Co. D. H. Lloyde. Percival & Moorehead. Urbana & Champaign Ry., Gas & Electric Co. Tno. B Bennett		
2599 2600	Oct. 27	The Champaign Daily Gazette	Advertising	\$ 4.20
2600 2601	do	W C Krise	License	2 00 8 50
2602	do	Stone Brothers	Supplies	15 5
O 2603 O 2604	do	H. A. Hollister	Traveling expense	20 0
2604	Oct. 28	The C., C., C. & St. L. Ry. Co	Freight	111 0
2605	do	The Wabash R. R. Co	do	141 5
O 2606 O 2607 O 2608 O 2609	do	Illinois Central R. R. Co	do	112 5
O 2607 O 2608	do	Eugene Dietzgen Co	Paper	21 9 70 4
2609	do	Chag H Book to	Supplies	70 4
2610	do	Twin City Roofing & Shoot Motel Works	Pine poils	43 9
O 2610 O 2611 O 2612 O 2613	do	The University Press	Ink	6 0
0 2612	do	Alexander Lumber Co.	Coal	6 8
O 2613	do	Leavitt Mfg. Co	Foundry work	40 1
2614	do	Bryan-Marsh Electric Works	Lamps	99 4
0 2615	do	General Electric Co	Supplies	9
2616	do	S. E. Huff & Co	Plaster	15 0
O 2617 O 2618		Co. Handing	Gas pipe, labor	47 1
2619	do	Societe Methemeticus de France	Books	3 0
O 2619 O 2620	do	The Garlock Packing Co.	Poekings	87 1
2621	do	Bausch & Lomb Ontical Co	Laboratory supplies	1,809 3
) 2621 ) 2622	do	Illinois State Reformatory	Printing.	45 8 14 2
2623	do	James B. Clow & Sons	Materials	14 2
2624	do	The Chas. A. Hall Hardware Co	Hardware	5 5
2625	do	F. K. Robeson	Muslin, etc	20 9
2626 2627	do	Western Electric Co	Supplies	302 9
O 2627 O 2628	do	The Burr Co	Labor, material	25 5
2628 2629	do	Polichla Plumbing & Heating Co.	Electrical supplies	309 9
2630	do	Toba H. Dowle	Hardware guardiag	106 1 2 8 16 7
2631	do	Hibbard Spencer Bartlett & Co	Supplies	16 7
2632	do	The Weis Mfg Co	Office supplies	60 2
2633	do	E. H. Sargent & Co	Laboratory supplies	38 9
O 2634 O 2635	do	Bacon Brothers	Supplies	9 0
O 2635	do	The Taylor Hardware Co	Nails, etc	2 5 101 8
O 2636 O 2637	do	The J. W. Butler Paper Co	Paper	101 8
0 2637	do	D. H. Lloyde	Supplies	2 8 2 3
O 2638 O 2639	do	The Chas. A. Hall Hardware Co. F. K. Robeson. Western Electric Co. The Burr Co. Central Electric Co. Reliable Plumbing & Heating Co. John H. Doyle. Hibbard, Spencer, Bartlett & Co. The Weis Mig. Co. E. H. Sargent & Co. Bacon Brothers. The Taylor Hardware Co. The J. W. Butler Paper Co. D. H. Lloyde. Percival & Moorehead. Urbana & Champaign Ry., Gas & Electric Co.	Hardware supplies	2 3
U 2059	ao	Urbana & Champaign Ry., Gas & Elec-	Car alastria aurrant	246 0
O 2640	do	tric Co. Jno. B. Bennett. Williams Brothers.	Gas, electric current	346 8 370 0
O 2641	do			14 0
0 2642	do	Eisner Grocery Co.	Grocery supplies	69 0
O 2643	do	Standard Oil Co.	Oil	26.9
2644	do	National Engraving Co	Zinc etchings	244 4 235 9
2645	do	Frank Price	Painting	235 9
2646 2647	ao	Tower Mfg. & Novelty Co	Office supplies	162 5
O 2647 O 2648	do	Caldwell Electric Co	Dry cells, batteries	3 4 18 9
2649 2649	do	Williams Brothers Eisner Grocery Co Standard Oil Co National Engraving Co Frank Price. Tower Mfg. & Novelty Co. Caldwell Electric Co. Flat Iron Store Co Pay roll. Kamm, Oliver	Gas, electric current Labor, material Glass Grocery supplies Oil Zinc etchings Painting Office supplies. Dry cells, batteries. Linoleum	
J 2048	do	Komm Olivar	Solary Santambar Oc-	990 9
		Kamm, Onver	tober 1913 \$120.00	
	1	Thompson, C. M	Salary, October, 1913 . 180 00	
	1	Dixon, R. E.	do	
		Aust, F. A.	Salary, September, October, 1913	
	1	Harper, Julia	. do 65 00	
		Rees, C. C.	do	
0000		Rees, C. C. Allen, Louis.	do	
O 2650	do	Rees, C. C. Allen, Louis. Pay roll.	do	128 8
O 2650	do	Rees, C. C. Allen, Louis Pay roll McGehee, Hester E.	do	
2650		Rees, C. C. Allen, Louis Pay roll. McGehee, Hester E. Cunningham, H. E.	do	128 8
D 2650		Thompson, C. M. Dixon, R. E. Aust, F. A. Harper, Julia. Rees, C. C. Allen, Louis. Pay roll. MGGehee, Hester E. Cunningham, H. E.	do	128 8
<b>2</b> 650		Rees, C. C. Allen, Louis Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis	do	128 8
		Rees, C. C. Allen, Louis Pay roll MoGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. MoKay & Poague, Agents.	do	128 8
) 2651 ) 2652		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard.	do	128 8
) 2651 ) 2652 ) 2653		Rees, C. C. Allen, Louis Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co.	do	128 8
O 2651 O 2652 O 2653		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo, E. Amsbary Co. Walter Dodson M. Waterson.	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson. Elliott Brothers.	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655 O 2656 O 2657		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson Elliott Brothers. C. E. Durst	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655 O 2656 O 2657 O 2658		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson Elliott Brothers. C. E. Durst. L. E. Foglesong	do	128 8
O 2651 O 2652 O 2653 O 2655 O 2656 O 2656 O 2658 O 2658		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E.  Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson Elliott Brothers C. E. Durst L. E. Foglesong Wm. Miller	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655 O 2656 O 2657 O 2659 O 2660		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E.  Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson. Elliott Brothers. C. E. Durst. L. E. Foglesong. Wm. Miller. V. A. Place.	do	128 8
O 2652 O 2653 O 2654 O 2655 O 2656 O 2657 O 2658 O 2669 O 2660 O 2661		Rees, C. C. Allen, Louis. Pay roll. McGehee, Hester E. Cunningham, H. E. Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson. Elliott Brothers. C. E. Durst. L. E. Foglesong Wm. Miller. V. A. Place. L. E. Foglesong. E. A person.	do	128 8
O 2651 O 2652 O 2653 O 2654 O 2655 O 2656 O 2657 O 2659 O 2660		Rees, C. C. Allen, Louis. Pay roll. MoGehee, Hester E. Cunningham, H. E.  Oberdorfer, H. D. Putnam, Persis. McKay & Poague, Agents. John Reichard Geo. E. Amsbary Co. Walter Dodson M. Waterson Elliott Brothers. C. E. Durst. L. E. Foglesong Wm. Miller V. A. Place. L. E. Foglesong F. A. Pearson R. W. Dickenson H. C. Wheeler	do	128 8

No.	Date.	To whom.	For what.	Amou
	1913.			
2665	Nov. 1	Warren A. Ruth. Warren A. Ruth. Ralph Chaplin. Wm. Black F. W. Wascher. S. O. Andros. Western Electric Co.	Traveling expenses	\$ 6
2666	do	Warren A. Ruth	Field expenses	
2667	do	Ralph Chaplin	Traveling expenses	4
2668	do	Wm. Black	do	19
2669	do	F W Wascher	i do	44
2670	do	S O Andros	do	
2671	do	Western Electric Co	Electrical materials	78
$\frac{2671}{2672}$	do	The Weig Mfg. Co	Office cumplies	100
2673	do	Western Electric Co. Western Electric Co. Reliable Plumbing & Heating Co. Urbana & C. Ry., Gas & Electric Co. National Mosaic Tile Co.	Floatrical aumplies	] :
	uo	Delicale Discontinue of Treation Co	Discrebis a section of	
2674	do	Reliable Plumbing & Heating Co	Plumbing materials	1 4
2675	do	Urbana & C. Ry., Gas & Electric Co	Gas consumed	13
2676	do	National Mosaic Tile Co	Building materials	29
2677	ao	Jas. H. Rice & Co	G1ass	1.
2678	do	The Frederick Post Co	Supplies	1.
2679	do	H. W. Johns-Manville Co	Building materials	1
2680	do	Missouri Belting Co. Chapin & Co.	Belting	2
2681	do:	Chapin & Co.	Ajax flakes	70
2682	do	Ely Repair Co. Journal of Physical Chemistry	Danaire	
2683	do	Journal of Physical Chemistry	Paner	1
2684	do	T M Thorburn & Co	Laboratory supplies	
	1	The Veeder Mfg. Co.	Paper Laboratory supplies Counters	
2685	do	J. M. Thorburn & Co. The Veeder Mfg. Co. The Elliott Co. Arts & Decoration.	Cumpling	
2686	ao	A nto & Decembries	Supplies	:
2687	do	Mha Naw Vanla Mina	Subscription	
2688	1 - 00	CI'ne New York Times	Undex	
2689	qo	Stipes & Hecker The Snead & Co. Iron Works	Lement, etc	
2690	do	The snead & Co. Iron Works	Lapor	5
2691	do	The Shaw-Walker Co	Office supplies	1
2692	do	A. Flanagan Co. General Electric Co.	Records	1
2693	do	General Electric Co	Office equipment	1
2694	ldo	Crane Co	Plumbing	49
2695	do	Hess Warming & Vent lating Co Driver-Harris Wire Co	Torsion balance	17
2696	do	Driver-Harris Wire Co	Labor supplies	1 8
2697	do	Flanigan-Pearson Co	Printing	1
2698	do	Bryan-Marsh Electric Works	Lamps	11:
2699	do	T Warren Sharp	Fowls	1.
2700	do	The Holstein-Friesian Register Co	Magazine	-
2701	40	Troman Ving & Co	Brooder	10
	do	I I I ongdon	Pooles	1
2702	qo	The Minima Would	DOOKS	
2703	ao	The Mining world	T -1	2
2704	ao	wm. Lewis & Son	Laboratory apparatus	2
2705		Flanigan-Pearson Co. Bryan-Marsh Electric Works. T. Warren Sharp. The Holstein-Friesian Register Co. Treman, King & Co. L. L. Longdon. The Mining World. Wm. Lewis & Son. The Spur. The Chas. A. Hall Hardware Co. Illinois State Reformatory.	Subscription	;
2706	do	The Chas. A. Hall Hardware Co	Supplies	98
2707	do	Illinois State Reformatory	Printing. Supplies.	98
2708	do	Eisner Grocery Co	Supplies	2
2709	1 40	Ragon Brothers	1/11000	
2710	do	The Burr Co. The Taylor Hardware Co. U. of I. Supply Store.	Supplies, foundry work	20
2711	do	The Taylor Hardware Co	Hardware	1
2712	do	U. of I. Supply Store	Supplies	3.
2713				3.
2714	do	J. W. Butler Paper Co	Paper	7
2715	do	W. W. Walls & Co	Lumber, etc	:
2716	do	Central Electric Co.	Electrical apparatus	8
2717	.do	J. W. Butler Paper Co. W. W. Walls & Co. Central Electric Co. Ernst Hertzberg & Sons. M. A. Donohue & Co.	Binding	11
2718	do	M. A. Donohija & Co.	Class records	4
2719	do	Library Bureau	Cards, stamp	
		The Creamery Package Mfg. Co	Supplies	5
$2720 \\ 2721$	do	Keuffel & Esser Co	Laboratory apparatus	"
2/21	do	Entennica Iran Warks	Laboratory apparatus Fencing, etc	28
2722	do	Enterprise Iron Works. A. H. Barber Creamery Supply Co Pay roll	Transan nanahmant	28
2723	do	A. n. Barber Creamery Supply Co	Wrappers, parchment	10
2724	Nov. 5	ray roll	Civil service employees	16
	I	Moorehead, F. B		l
	1 -	, , , , , , , , , , , , , , , , , , ,	gust 166 66	
2725	do	Pay roll Davis, David J. Bartlett, Frank K. Gaffney, George. Nielson, Niels. Pay roll Arrington, C. E.	Civil service employees	72
	1	Davis, David J	Salary, October, 1913 416 66	1
	I	Bartlett, Frank K	do 180 00	l
		Gaffney, George	do 65 00	1
	I	Nielson, Niels	do 60 00	
2726	do	Pay roll	Civil service employees	12, 42
		Ayrington, C. E. Atwell, M. W. Bailey, J. E. Barnes, V. R. Bevis, A. Brannigan, John.	Wages, October, 1913 65 10	1 7 7
	1	Atwell M. W.	do	
	I	Bailey I E	do	
		Rarnas V P	03 21 0 97 20	
	1 .	Ravis A	do	1
	1	Devis, A	133 65	
	1	prannigan, John	83 65 do	
	1	Brown, Basil	. ao	
	1	Brown, Basil Brown, Harry Bullock, D. M Butler, Thomas Ceduskey, John	. do	1
	1	Bullock, D. M	. do 71 53	1
	1	Butler, Thomas	. do 64 86	
		Codesalvor Tohm	do	í

To whom.   For what.	Ŋ No.	Date.	To whom.	For what.	Amour
2728   Nov.   5 Cook, Jesse.   Wages, October, 1913.   \$ 19 25		1913.			
Crathorne, F	2726	Nov. 5	Cook, Jesse	Wages, October, 1913 \$ 19 25	
Daylor   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Color   Col	Ctd.		Crathorne, F	do	
Dibble E. P			Cunningnam, F	00	ĺ
Downling H		ł	Dibble E P	do 86 95	ĺ
Fay, T.			Downing, H.	do	
Fender, Louie			Fay, T. J.	do	}
Fender, Fred.		1	Fender, Louie	do	ł
Fiscus, J. J.		ĺ	Fender, Fred	do 82 80	Ì
Fogarty, W			Fiscus, J. J.	do	İ
Foss, Margaret			Fogarty, W	do	
Freeinan, C. Y.  Gralbater, Martion.  do			Foss Morgaret	do 40.00	
Gallaher, Marion.		1	Freeman C Y	do 63 42	}
Gage Marjorie. do			Gallaher, Marion	do	}
Graybeal, W. H. do. 54 400 Hanson, Samuel do. 54 400 Hanson, Samuel do. 72 500 Hargan, E. do. 72 501 Henderson, T. O. do. 109 82 Hill, Charles do. 99 63 Hikon, W. G. do. 54 00 Hutt, Oscar L. do. 30 00 Hutton, Ross. do. 76 82 Irvine, Frank do. 77 00 Irvine, James. do. 56 70 Jones, Margaret. do. 45 90 Justus, E. W. do. 108 00 Langhoff, A. do. 88 07 Langhoff, Fred. do. 68 77 Lewis, E. C. do. 71 61 Litton, A. C. do. 61 11 Long, Thomas do. 98 01 McAllister, A. J. do. 69 80 McClulough, James do. 63 88 Magnuson, A. O. do. 63 88 Magnuson, A. O. do. 80 Mahorney, H. H. do. 77 51 Meenach, O. E. do. 72 50 Morgan, Rebecca do. 45 80 Morgan, Rebecca do. 65 78 Newton, J. R. do. 66 57 Newton, J. R. do. 67 85 Newton, J. R. do. 67 85 Nikolaus, Jacob do. 65 78 Nikolaus, Jacob do. 65 78 Nikolaus, Jacob do. 65 78 Nikolaus, Jacob do. 66 85 Newton, J. R. do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 85 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67 86 Nikolaus, Jacob do. 67		1	Gage, Marjorie	do 20 00	
Hamblin, Sell			Graybeal, W. H	do	
Hanson, Samuel			Hamlin, Sell	do 54 00	
Hargan, E.		l	Hanson, Samuel	do	
Hill, Charles		į.	Hargan, E	100 00	
Hixon, W. G.			Hill Charles	do 90 63	[
Hunt, Osear L			Hixon W. G	-do54 00	
Huttón, Ross			Hunt, Oscar L	do	
Irvine, Frank		1	Hutton, Ross	do 76 82	
Irvine, James			Irvine, Frank	do	
Jones, Margaret. do. 136 90 Langhoff, A do. 188 07 Langhoff, Fred. do. 88 07 Langhoff, Fred. do. 68 77 Lewis, E. C. do. 71 61 Litton, A. C. do. 61 111 Litton, A. J. do. 98 01 McAllister, A. J. do. 69 60 McCulough, James. do. 45 90 McCulough, James. do. 36 35 Magnuson, A. O. do. 38 00 Mahorney, H. H. do. 77 51 Menach, O. E. do. 79 35 Meneely, Dan. do. 67 85 Miller, C. M. do. 57 33 Moran, A. do. 57 33 Moran, A. do. 57 33 Moran, A. do. 65 25 Newton, J. R. do. 65 25 Newton, J. R. do. 65 25 Newton, J. R. do. 65 25 Newton, J. R. do. 65 78 Purkins, J. F. do. 65 78 Purkins, J. F. do. 65 78 Purkins, J. F. do. 67 78 Servis, A. do. 71 61 Richards, Ed. do. 17 61 Richards, Ed. do. 54 00 Soryis, A. do. 56 78 Turner, George. do. 69 00 Toy, George. do. 65 78 Turner, George. do. 69 10 Wilson, Frank do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Wharmby, Ed. do. 99 00 Roswell, James. do. 95 20 Roswell, James. do. 95 20 Roswell, James. do. 95 20 Roswell, Markew. do. 65 400 Carrothers, Cevilla. do. 91 60 Clilins, A. L. do. 91 60 Clilins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60 Collins, A. L. do. 91 60			Irvine, James	do 56 70	
Langhoff, Fred			Jones, Margaret	45 90	
Langhoff, Fred.		1	Langhoff A	do 88 07	
Lewis, E. C.   do   71 61     Litton, A. C.   do   do   61 11     Long, Thomas   do   98 01     McAllister, A. J   do   69 60     McCullough, James   do   45 90     McCullough, James   do   63 58     Magnuson, A. O   do   60 00     Mahorney, H. H   do   77 51     Meenach, O. E   do   79 35     Meneely, Dan   do   67 85     Miller, C. M   do   57 33     Morgan, Rebecca   do   45 90     Morgan, J. E   do   10 00     Murphey, Ruthe   do   65 25     Newton, J. R   do   65 25     Newton, J. R   do   65 26     Nikolaus, Jacob   do   65 10     Perry, F. M   do   65 10     Perry, F. M   do   62 26     Quinn, William   do   71 61     Richards, Ed   do   104 16     Ryan, Mary E   do   54 00     Servis, A   do   55 70     Stateler, F   do   69 90     Toy, George   do   57 86     Wilde, William   do   57 70     Stateler, Fank   do   57 86     Warmby, Ed   do   57 86     Warmby, Ed   do   57 70     Servis, A   do   58 90     Templin, William   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   57 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70     Stateler, Fank   do   58 70		I	Langhoff Fred	do 68 77	
Litton, A. C.		l	Lewis, E. C.	do	
Long, Thomas		1	Litton, A. C.	do	`
McAllister, A. J.		l	Long, Thomas	do 98 01	ĺ
McCullough, James   do			McAllister, A. J.	do 69 60	Ì
Macuroling James			McClugnen, Frances	1	[
Mahorney, H. H.			Mecunough, James	do 80 00	
Meenach, O. E			Mahorney H. H	do 77 51	}
Meneely Dan			Meenach, O. E.	do	ŀ
Miller, C. M.			Meneely, Dan	do	ŀ
Moran, A			Miller, C. M	do	İ
Morgan, J. Ee			Moran, A	do	Ī
Murphey, Ruthe   do   65 25			Morgan, Repecca	do	
Newton, J. R.			Murnhay Rutha	do 65 25	
Nikolaus, Jacob   do   65 10     Perry, F. M			Newton, J. R.	do	1
Perry, F M		1	Nikolaus, Jacob	do	}
Purkins J. F			Perry, F. M	do	
Quinn, William		ı	Purkins, J. F	do	ŀ
Richards, Ed.		l	Quinn, William	do	İ
Servis A			Richards, Ed		
Sinclair, C. R.   do   54 00			Sarvic A	do 83 96	
Snyder, J		1	Sinclair, C. R.		
Stateler, F		1	Snyder, J.	do	1
Templin, William		l '	Stateler, F	do 80 96	
Tillotson, I. F.			Templin, William	do	
Toy, George			Tillotson, I. F	do69 09	l
Turner, George		l	Toy, George	do	
Wharmby, Ed do 72 68 Wilde, William do 96 10 Wilson, Frank do 43 20 Beckman, Louis John do 19 20 Booher, M. C. do 95 20 Boswell, Andrew do 45 50 Boswell, James do 35 75 Boyer, G. W do 68 46 Brumley, C. A do 54 00 Campbell, Mathew do 54 00 Carothers, Cevilla do 41 04 Carson, Rolla A do 61 80 Cheever, J. W do 54 00 Collins, A. L do 52 80 Craig, J. D do 91 60			Weaver M C	do 9 00	
Wilde, William         do         96 10           Wilson, Frank         do         43 20           Beckman, Louis John         do         19 20           Booher, M. C.         do         95 20           Boswell, Andrew         do         45 50           Boswell, James         do         35 75           Boyer, G. W.         do         68 46           Brumley, C. A.         do         54 00           Campbell, Mathew         do         54 00           Carothers, Cevilla         do         41 04           Carson, Rolla A         do         61 80           Cheever, J. W         do         54 00           Collins, A. L         do         58 00           Craig, J. D         do         91 60		ŀ	Wharmby Ed	do 72 68	
Wilson, Frank       do       43 20         Beekman, Louis John       do       19 20         Booher, M. C.       do       95 20         Boswell, Andrew       do       45 50         Boswell James       do       35 75         Boyer, G. W       do       68 46         Brumley, C. A       do       54 00         Campbell, Mathew       do       54 00         Carothers, Cevilla       do       41 04         Carson, Rolla A       do       61 80         Cheever, J. W       do       54 00         Collins, A. L       do       62 80         Craig, J. D       do       91 60		l	Wilde, William	_do96 10	
Beckman, Louis John   do   19 20			Wilson, Frank.	do	
Booher, M. C.   do   95 20     Boswell, Andrew   do   45 50     Boswell, James   do   35 75     Boyer, G. W   do   68 46     Brumley, C. A   do   54 00     Campbell, Mathew   do   54 00     Carothers, Cevilla   do   41 04     Carson, Rolla A   do   61 80     Cheever, J. W   do   54 00     Collins, A. L   do   62 80     Craig, J. D   do   91 60			Beckman, Louis John	do 19 20	}
Boswell, Andrew   do   45 50			Booner, M. C.	do 95 20	
Bosweil James   d0   35 /5     Boyer, G. W   d0   68 46     Brumley, C. A   d0   54 00     Campbell, Mathew   d0   54 00     Carothers, Cevilla   d0   41 04     Carson, Rolla A   d0   61 80     Cheever, J. W   d0   54 00     Collins, A. L   d0   62 80     Craig, J. D   d0   91 60		ĺ	Boswell Tomos	do	
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		May, U. G. Meyers, Jesse. Moody, D. L. Moore, C. P. Nagle, Sybil. Nelson, C. Q. Ollis, A. W. Peterson, Nick. Peterson, A. C.	.do. 50 86 .do. 64 66 .do. 59 86 .do. 62 22 .do. 40 00 .do. 55 86 .do. 62 00 .do. 62 00 .do. 62 00	
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1		Baldwin T. S	do	
		Baldwin, L. S.	do	ŏl
1		Barden, H. E.	do	ŏl
1		Barkman, C. P.	do	0
		Bentley, R. L.	do 12 6	0
		Berringer, Harriet	do	υĮ
		<u> </u>	<u> </u>	<u> </u>

# ${\tt OPERATION,\ MAINTENANCE\ AND\ EQUIPMENT\ VOUCHERS-\it{Continued.}}$

No.	Date.	To whom.	For what.	Amou
	1913.	Bevis, A Ledru. Bolander, Harold Britton, W. E Britton, F. E Brown, Ralph Powers Brown, H. Brownfield, Lelah Budina, A. O Campbell, M. H Cavette, Erle. Cleghorn, Belle. Clements, O. R. Coen, E. E. Colbert, J. R. Cox, C. G. Cummins, W. E Custer, Emma Danielson, R. R. Davis, Russel. Davis, Leonard H Daisey, E. A English, H. M Eschauzer, L Farley, F. W Foster, D. D Foulk, Claude. Frunk, F. W Gage, James Howard Gauger, J. F Goebel, J. Gould, John Grigg, D. R. Halliday, Ruth Hallquest, Mrs. A. L Harting, Midred Harwood, S. D Kenshaw, Amy Hill, C. F Hitchcock, E. W Horning, R. A Hufford, C. T Hughes, C. A Inagaki, Nole Ingalls, Ralph Johns, W. E Kenley, H. P Kennicot, Sylvia King, Nole Lirgon, Martha Leggitt, Frank Lerch, Edward Lever's T Lever's T		
2726	Nov.	Bevis, A Ledru	Wages, October, 1913 \$27 40	
Ctd.		Billman, Elliott	do	
_		Bolander, Harold	do	l
•		Britton, W. E.	19 88	
		Britton, F. E.	do	
		Brown H	do	
		Brownfield Loloh	10 70	
		Buding A O	do	
		Comphell M U	.do	
		Corretto Erlo	do	
		Clarhorn Ralla	.do	
		Clamante O R	do	
		Coan E E	do	
		Colhert I R	.do	
		Cox C G	do 11 40	
ľ		Cumming W F	do	
		Custor Emme	.do	
		Danielson D D	.do	·
		Davie Pregol	.do	
		Davis, Loonard H	.do	
- 1		Daisay E A	do 22 42	l
		English H M	.do. 23 63	İ
- 1		Eschauzer, L	.do	1
[		Farley, F. W.	do	l
- 1		Foster, D. D.	do	l
- 1		Foulk, Claude	.do	l
- 1		Funk, F. W	do	l
- 1		Gage James Howard	do	ĺ
- 1		Gauger J. F	.do	ĺ
1		Goebel I	.do	l
- 1		Gould John	do	
- 1		Grigg D R	.do	1
1		Halliday Ruth	do 16 00	l
		Hallquest Mrs A I.	do	
- 1		Harting Mildred	do	
- 1		Harwood S D	do	ŀ
ı		Kenshaw Amy	do	
- 1		Hill. C. F	do	١.
1		Hitchcock E W	do 22 58	'
		Horning, R. A	do	
1		Hufford, C. T.	do	
		Hughes, C. A	.do	
		Inagaki, Nole	do 28 20	
- 1		Ingalls, Ralph	do	'
- 1		Johns, W. E.	.do	l
- 1	1	Jones, W. R.	do	,
- 1		Kelley, H. P	do	ļ
1		Kennicot, Sylvia	do 30 00	
		King, Noble	do 21 88	:
- 1		Kirkpatrick, F. A.	do	1
- 1		Kisselburg, K. M.	do	
- 1		Lamb, Grover	do	1
- 1		Larson, Martha	do	
	•	Leggitt, Frank	do	1
- 1		Lerch, Edward	do	3
.		Lamb, Grover. Larson, Martha. Leggitt, Frank. Lerch, Edward. Lewis, T. G. Linder, Lewis. Lundquist, T. H. Lindsey, C. H. Linsley, C. M. McCabe, C. L. McGhee, O. M. Maruder. Denton	do	
- 1		Linder, Lewis	do 10 00	1
1		Lundquist, T. H.	do	1
i		Lindsey, C. H.	do 21 25	
i		Linsley, C. M	do 14 50	
- 1		McCabe, C. L	do	
. 1		McGhee, O. M	do 16 70	:
1		Magruder, Denton		:
Į		Mann, Edith	do 4 80	-
ł	1	Mattoon, E. W	do 1 20	
1	1	Maxwell, Leslie	do 26.60	
- [			do 18 40	
1	f	Meltz, Nathan	do	
1	-	Millar, Mary	do 10 00	
1		Miller, F. R.	do 4 60	
1		Milligen, Edna	do 6 60	
ļ		Miner, H. W	do	
- 1		Morray, Ralph	do	
- 1		Morris, Alice.	do	
- 1		Morrison, W. R.	do	
1		Millar, Mary Miller, F. R. Milligen, Edna Miner, H. W. Morray, Ralph Morris, Alice Morrison, W. R. Munson, H. Murphy, E. F. Myers, Madge	.do	
- 1		Murphy, E. F.	do	
- 1		Myers, Madge	do	
		v,wabv	0 10	

No.	Date.	Myers, Rachel Nelson, M. Nelson, C. R. Newman, F. A. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, C. R. Nickolls, R. H. Rehling, Chas. Ropiequet, W. Price, C. B. Questel, B. H. Rehling, Chas. Ropiequet, W. C. Bugg, Earl N. Salsbury, G. W. Schroeder, GW. Scott, S. E. Secor, E. C. Shaffer, R. F. Slater, W. E. Smith, M. J. Stearns, C. G. Stevens, R. M. Stilwell, Helen Stone, T. C. Sundell, Dean Sutherland, G. F. Thomas, E. W. Thurston, H. W. Tilton, L. D. Timmins, H. A. Tuthill, J. K. Vandercook, H. P. NanNatter, F. M. Warriner, C. W. Wallage, S. T. Wham, Benj Wilson, A. Wood, H. F. Zaleski, Paul J. Rachwalski, J. Foss, Margaret A. N. Talbot W. A. Slater T. P. Sifford E. B. Walton Olive Percival. S. O. Andros D. A. Abrams C. C. Porter. Scientific Materials Co. A. S. Colby S. V. Holt. C. C. Logan Carroll J. Badger R. E. Hieronymous E. A. White. W. J. Carmichael H. W. Mumford Mabel Potter W. A. Wood J. D. White, Cerk, Urbana Postoffice Julius Ahrams C. C. Logan Carroll J. Badger R. E. Hieronymous E. A. White. W. A. Wood J. D. White, Cerk, Urbana Postoffice Julius Ahrams C. C. Logan Carroll J. Badger R. E. Hieronymous E. A. White. W. A. Wood J. D. White, Cerk, Urbana Postoffice Julius Ahrams C. C. Logan Carroll J. Badger R. E. Hieronymous E. A. White. W. A. Wood J. D. White, Cerk, Urbana Postoffice Julius Ahrams C. C. Bassow. Jess Jones R. Co. McIntosh Steroption Co. Dr. C. E. Lucas. Jolly, Wieland & Richardson Co. E. F. Glassow. Jess Jones Paper Co. Henry H. Shufeldt & Co.	For what.	Amour
	1913.			
2726	Nov. 1	Myers, Rachel	Wages, October, 1913 \$ 2 80	
Cld.		Nelson, M	do 5 40	İ
		Nelson, C. R.	do	
		Nickolls C. R	do 32 55	
	1	Nixon, R. H.	do	
		Odell, Arthur	do 47 12	
		Paine, Olive	do 21 40	ļ
		Peterson, Reuben W	10 40	
	-	Onestal B H	do 10 80	Ì
	1	Rehling, Chas.	do	
		Ropiequet, W. C	do 5 80	1
	i	Rugg, Earl N	do	1
	}	Salsbury, G. W	18 80	
	1	Scott S E	do 12 00	
		Secor. E. C	do	
		Shaffer, R. F.	do 18 80	· ·
	i	Slater, W. E	do	1
		Smith, M. J.	do	
		Stearns, U. G	do 18 25	1
	ļ	Stilwall Halan	do 6 00	
	Į	Stone, T. C.	do	i]
		Sundéll, Dean	do 12 50	
		Sutherland, G. F	do	
		Thomas, E. W	do	Į.
		Tilton I. D	do 23 25	
	1	Timmins, H. A.	do 10 15	
		Tuthill, J. K	do	
	1	Vandercook, H. P.	do	1
		NanNatter, F. M.	do 11 40	1
	l	Wallage S T	do 18 25	
	1	Wham, Beni	.do	
		Wilson, A	do	'
		Wood, H. F	do	)
		Zaleski, Paul J	do	1
		Fore Morgaret		1
2727	do	A. N. Talbot	Expenses	\$ 8
2728	do	W. A. Slater	Laboratory supplies	
2728 2729 2730 2731 2732 2733 2734 2735	do	T. P. Sifford	Field expenses	80 10 43 28
2730	do	E. B. Walton	do	100
$\frac{2731}{2732}$	do	Olive Percival.	Lectures	10
2733	do	S O Andros	do	1 12
2734	do	D. A. Abrams	do	43
2735	do	C. C. Porter	Rents	28 380 14 43 50
2736 2737	do	Scientific Materials Co	Laboratory apparatus	380
2737 2738		A. S. Colby	Traveling expenses	149
2739	do	C C Loren	do	1 76
2740	do	Carroll J. Badger	_do	1 1
2740 2741	do	R. E. Hieronymous	Lectures	50
2742	do	E. A. White	Traveling expenses	. 3
2743	do	W. J. Carmichael.	do	
$2744 \\ 2745$	do	Mahal Pottor	do	14
2746	do	W. A. Wood	Digging	120
2747 2748	Nov. 6	J. D. White, Clerk, Urbana Postoffice	Postal cards	25
2748	do	Julius Andrae & Sons Co	Telephone arm	29
2749	do	C., C., C. & St. L. Ry. Co	Freight	199
2750	1ao	The Websch R R	do	171
$2751 \\ 2752$	do	The Illinois Central R. R. Co.	do	129
2753	do	McIntosh Stereopticon Co	Laboratory apparatus	~~~
2754	do	Dr. C. E. Lucas	Professional services	. 14
$\frac{2755}{2756}$	do	Jolly, Wieland & Richardson Co	Stove, linoleum	64
2751 2752 2753 2754 2755 2756 2757	ao	Les F. Glasgow	Sand	198 32 171 129 64 14 64
2752	do	The Hispanic Society of America	Books	1
2759	do	J. M. Barnhart.	Traveling expenses	35
2758 2759 2760 2761	do	Green Engineering Co	Supplies	. 3
2761	do	Hoffman & Kropff Chemical Co	Chemicals	1 3
2762 2763	do	W. J. Boenm.	Laboratory supplies	110
		LEBRURY EL SUMBIOL AV CO	LAICOHOL	.: 110

No.	Date.	To whom.	For what.	Amou
	1913.			
2764	Nov. 6	Mrs. F. M. Perry	Curtains, thread	\$ 10 15 10
2765	do	McDonough & Co. Conference of Pharmaceutical Faculties.	Advertising. Dues.	15
2766	do	Conference of Pharmaceutical Faculties	Dues.	10
2766 2767 2768 2769 2770 2771 2772	do	Cylick Toilering Co	Padlocks	27
2769	do	Ennic Hay Co	Alfolfo	27 92 179 8 5 2 2 1 10 54 15 58
2770	do	Arthur G Eldredge	Photo supplies	119
$2770 \\ 2771$	Nov. 7	D. O. Havnes & Co.	Directory	5
2772	do	Bausch & Lomb Optical Co	Apparatus repairs.	ž
$2773 \\ 2774$	do	Bermingham & Seaman Co	Janitor supplies	7
2774	do	Andrus & Church	Labels	2
2775	do	F. W. Woolworth Co	Bowls	1
2776	do	Benedict Wrench Co	Chain wrench	10
2777 2778	do	Creamery Package Mig. Co	Apparatus repairs	54
$\frac{2778}{2779}$	do	Fox Typewriter Co.	Repairing typewriter	15
2780	do	Wester Floatrical Instrument Co	Office supplies	7
2700	do	The Trale Sem Oil Co	Apparatus repairs	98
$\frac{2781}{2782}$	do	P D Nuttoll Co	Dubbor bufforg	4
2783	do	Stone Publishing Co	Book	5
2784	do	Cantain T. J. Smith	Wheat straw	5 33
2785	do	J. Bowman.	Hardware	45
2786	do	Chas. C. Smith	Office supplies.	45
2787	do	McDonoign & Co.  Conference of Pharmaceutical Faculties. Orr & Lockett Hardware Co. Gulick Tailoring Co.  Ennis Hay Co.  Arthur G. Eldredge D. O. Haynes & Co. Bausch & Lomb Optical Co. Bermingham & Seaman Co. Andrus & Church F. W. Woolworth Co. Benedict Wrench Co. Creamery Package Mfg. Co Fox Typewriter Co. John C. Moore Corporation Weston Electrical Instrument Co. The Uncle Sam Oil Co. R. D. Nuttall Co. Stone Publishing Co. Captain T. J. Smith J. Bowman Chas. C. Smith Thomas E. Marr & Son Biltmore Nursery.	Print.	1
2788 2789	do	Biltmore Nursery	Catalogs	15
2789	do	Peoria Stone & Marble Works	Packing and cartage	34
2790	do	Thomas E. Marr & Son Biltmore Nursery. Peoria Stone & Marble Works Twin City Bindery & Blank Book Co. Nernst Lamp Co. A. S. Nelson & Sons. The American Magazine. Kimble Durand Glass Co. The Rand Co.	Book Wheat straw Hardware. Office supplies Print. Catalogs Packing and cartage Office supplies. Burners.	34
2791 2792 2793	do	Nernst Lamp Co	Burners	. 5
2792	do	A. S. Nelson & Sons	Almanaris water	3
2794	do	The American Magazine.  Kimble Durand Glass Co The Rand Co. Harbison-Walker Refractories Co. Wm. Gaertner & Co. Reliable Plumbing & Heating Co. Western Electric Co. D. T. Robbins Irving-Pitt Mfg. Co. The Tablet & Ticket Co. Willard Storage Battery Co. Osgood Co. The Champaign News The Daily Illini P. S. Campbell C. Hasler Meyer & Wenthe. International Press Clipping Bureau. C. F. Miller, Clerk Underwood Typewriter Co E. A. Purdy W. J. Fraser O. A. Keller Eugene Dietzgen.	Almanaris water Magazines Laboratory supplies Office supplies	3
2705	do	The Band Co	Office gumpling	4 25
$\frac{2795}{2796}$	do	Harbison Walker Defractories Co	Loborotory supplies	20
2797	do	Wm Geartner & Co	A progratue repaire	15
2798	do	Reliable Plumbing & Heating Co	Laboratory apparatus	41 15 41 1 6
2799	do	Western Electric Co	Desk lamp	1
2799 2800	do	D. T. Robbins	Grinding corn	41 1 6
2801	do	Irving-Pitt Mfg. Co.	Omee supplies. Laboratory supplies. Apparatus repairs. Laboratory apparatus. Desk lamp Grinding corn Binder. Letters	51 22 21 19 14 37 1 1 3 54 54
2802	do	The Tablet & Ticket Co	Binder Letters. Hyd. syringe. Zincs, electrotype Sale notice Advertisement. Voucher list forms. Supplies Stamps, key tags. Clipping service. Petty expenses. Office supplies. Stud sockets. Traveling expenses	1
2803	do	Willard Storage Battery Co	Hyd. syringe	2
2804	do	Osgood Co	Zincs, electrotype	21
2805	do	The Champaign News	Sale notice	5
2806 2807	do	The Daily Illini	Advertisement	19
2807	do	P. S. Campbell	V oucher list forms	14
2808 2809	do	Morron & Womths	Supplies	37
2009	do	International Proce Clinning Persons	Clipping service	
2810 2811	do	C F Millor Clark	Petty expenses	. 1
2812	do	Underwood Tynewriter Co	Office supplies	ĺ
2813	do	E. A. Purdy	Stud sockets	â
2814	do	W. J. Fraser	Traveling expenses	54
2815	do	O. A. Keller	do	6
2816	do	Eugene Dietzgen	Laboratory supplies	15
2817	1	Powers & Powers	Hydra	13
2818	do	Scott Paper Co	General supplies	13
2819	do	Eugene Dietzgen Powers & Powers Scott Paper Co Caldwell Electric Co	. do. Laboratory supplies. Hydra. General supplies. Chain Book. Rental.	3
2820	do	Ginn & Co. L. C. Smith & Bros. Typewriter Co. Iowa State Conference of Charities and	D00K	3 2 2
$\frac{2821}{2822}$	do	Town State Conference of Chemitics and	пеша	2
2022	do	Correction	Books	8
2823	do	The American School Board Journal	Books Books Seat in chair	
2824	do	Walker & Mulliken	Seat in chair	7
2825	do	National Tax Assn., A. E. Holcomb	Book	
2826	do	Dravo-Dovle Co	Laboratory apparatus. Laboratory supplies. Duck. Test plugs, etc. Glass. Laboratory apparatus. Rabbits. Services	4
2827 2828	do	Alex Nielsen	Laboratory supplies	6
2828	do	Geo. E. Amsbury Co	Duck	3
2829	do	James B. Clow & Sons	Test plugs, etc	4 6 3 18 25 12
2830	do	Jas. H. Rice Co	Glass	25
2831	do	W. A. Jones Foundry & Machine Co	Laporatory apparatus	12
2832	do	H. A. SWITS	Kappits	76
2833	do	O. Kircher	Services.	1 000
2834	do do	Iowa State Conference of Charities and Correction. The American School Board Journal Walker & Mulliken. National Tax Assn., A. E. Holcomb. Dravo-Doyle Co. Alex Nielsen. Geo. E. Amsbury Co. James B. Clow & Sons. Jas. H. Rice Co. W. A. Jones Foundry & Machine Co. H. A. Swits. O. Kircher. The Russian Symphony Orchestra. The C., C., C. & St. L. Ry. Co. General Chemical Co. S. V. Holt.	Services. Payment of contract. Freight. Chemicals. Traveling expensesdo.	1, 200 9
2835	do	General Chamical Ca	Chemicala	188
2836	ao	General Chemical Co	Traveling expenses	55
2837 2838	o	M. E. Jahr M. E. Jahr M. E. Jahr	do	00 7
2838 2839	do	M E Johr	do	7
	do	M F Tohr	.do	6
2840				

No.	Date.	To whom.	For what.	Amoun
-	1913.	J. W. Nave Franz H. Aust Ralph Chaplin Ralph Chaplin Ralph Chaplin Branz A. Aust W. J. Carmichael L. R. Lang Stephen Rogers F. W. Wascher R. W. Dickenson H. C. Wheeler James H. Carter Leonard Hegnauer Ernst Hertzberg & Sons The Taylor Hardware Co Barnhart Bros E. H. Sargent & Co Barnhart Bros E. H. Sargent & Co Barnhart Bros F. K. Robeson Royal A. Strauch Central Electric Co Percival & Moorehead Urbana Courier Co F. K. Robeson Royal A. Stipes The Wabash Cabinet Co The Burr Co Paul Gottschalk G. E. Stechert & Co D. H. Lloyde Illinois State Reformatory The U. of I. Supply Store Leavitt Mfg. Co John B. Bennett Mittendorf & Kiler J. F. A. Leslie		
2842 2843	Nov. 7	J. W. Nave	Laying tile. Traveling expenses. Field expenses.	<b>\$</b> 15
$2843 \\ 2844$	do	Franz H. Aust	Traveling expenses	12 107
$2844 \\ 2845$	do	Raiph Chaplin	Field expenses	107
$2846 \\ 2846$	1do	Franz A Aust	Traveling expenses	21
2847	do	W. J. Carmichael	.do	9
2848	do	L. R. Lang	do	, š
2849	do	Stephen Rogers	Field expenses	147
2850	do	F. W. Wascher	Traveling expenses	54
2851	do	R. W. Dickenson	do	37
2852 2853	do	In C. Wheeler	Field avnances	45 30
2854	do	Leonard Hegnauer	Traveling expenses	6
2855	do	Ernst Hertzberg & Sons	Binding.	6 127
2856	do	The Taylor Hardware Co.	Hardware supplies	2
2857	do	Barnhart Bros	do	14
2858 2859	do	E. H. Sargent & Co	Laboratory supplies	96 6
2859	do	B. A. Strauch	Developing and printing	34
$2860 \\ 2861$	do	Pareival & Mooreheed	Supplies	15
2862	do	Trbana Courier Co	Advertising	10
2863	do	F. K. Robeson	Sypplies	7
2864	do	Royal A. Stipes	Sand	13
2865	do	The Wabash Cabinet Co	Traveling expenses. Field expensesdo. Traveling expensesdodo .foe Field expenses. Traveling expensesdo .do .foe Field expenses. Traveling expenses. Traveling expenses. Braveling expenses. Binding. Hardware suppliesdo Laboratory supplies. Developing and printing. Supplies. Supplies, stove. Advertising Sypplies. Sand. Cards. Foundry work, etc Booksdo Supplies Printing Supplies Printing Supplies Printing Supplies	18 135
2866	do	The Burr Co	Foundry work, etc	135 20
2867 2868	do	G F Steebert & Co	do	56
2869	do	D H Lloyde	Supplies	56 21 27
2870	do	Illinois State Reformatory.	Printing	27
2871	do	The U. of I. Supply Store	Supplies	55
2872	do	Leavitt Mfg. Co	Supplies Printing Supplies Apparatus and repairs Sewer Pipe, etc Frames, etc Labor material Framing Paints Laundry Supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Apparatus Lumber Materials Laboratory supplies Sand Solar red engine Moulds Salt Traveling expenses . do	14
2873	do	John B. Bennett	Sewer Pipe, etc	27
2874 2875	do	Mittendori & Kiler	Labor meterial	12 38 15 11
2876	do	F M Loclio	Framing	15
2877	do	Bacon Brothers	Paints	111
2878	do	Champaign Steam Laundry	Laundry	1
2879	do	E. W. Sampson	Supplies	1
2880	do	J. T. Ryerson & Son	Laboratory supplies	32
2881	do	The Standard Calorimeter Co	Laboratory apparatus	267
2882		H. Swannell & Son	Laboratory supplies	110
2883 2884	do	Fuller & Fuller Co	Apparatus	15 146 12
2885	do	Alexander Lumber Co.	Lumber	2
2886	.do	Hunter, Rourke & Co.	Materials	2 2
2887	_do	John H. Doyle	Laboratory supplies	2
2888	do	Stipes & Hecker	Sand.	6
2889	do	Standard Oil Co	Moulds	5
$2890 \\ 2891$		Figner Greenry Co	Salt	ı
2892	do	W. T. Crandall	Traveling expenses	21
2893	do	Lurene Seymour	do	2
2894	do	W. W. Yapp	do	19
2895	do	V. A. Place	do	8
2896	do	J. J. YOKO	do	9
2897	oo	A Ten Broeck Ir	Butter testing	11 6 12 250
2898 2899	do	Illinois Motor Car Sales Co	Livery services.	12
2900	do	The Alumni Assn	Quarterly allowance:	250
2901	do	D. A. Abrams	Laboratory supplies	3
2902 2903	do	L. J. Towne.	Traveling expenses	1 7
2903	do	John H. Doyle	Hardware supplies	717
2904 2905		O E Staples, Bursar	Sundry hills	717 272 133
2906	do	O E Staples Bursar	Express bills	133
2907	.do	O. E. Staples, Bursar	General labor	470
2907 2908	Nov. 14	Pay roll.	November, 1913	83, 178
	1	Filbey, E. J	Salary, November, 1913.\$ 183 33	
	1	James, Edmund J		()
	1	Emith Adella C (Student)	do 60 00	3
	1	Kinley David	do 83 33	
		Harker, O. A	do 83 33	
		Fair, Sue M	do	)
		Leavitt Mfg. Co. John B. Bennett. Mittendorf & Kiler J. F. Auld. Bacon Brothers. Champaign Steam Laundry. E. W. Sampson. J. T. Ryerson & Son The Standard Calorimeter Co. H. Swannell & Son. Woldenberg & Schaar Fuller & Fuller Co. Alexander Lumber Co. Hunter, Rourke & Co. John H. Doyle. Stipes & Hecker Standard Oil Co. Central Scientific Co. Eisner Grocery Co. W. T. Crandall Lurene Seymour W. W. Yapp V. A. Place. J. J. Yoke. Earl Garver A. Ten Broeck, Jr. Illinois Motor Car Sales Co. The Alumin Assn. D. A. Abrams. L. J. Towne. John H. Doyle. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Pay roll. Filbey, E. J James, Edmund J Frazer, George E. Smith, Adelle C. (Student). Kinley, David Harker, O. A. Fair, Sue M. Fiero, E. E. (Student)	do	)
	1	Harker, O. A. Fair, Sue M. Fiero, E. E. (Student) Warnock, A. R. Kyle, Martha J. Strong, Lillian. Carrithers, I. R.	do	2
		Kyle, Martha J.	do	
		Strong, Lillan	. do	
		n arruners t. B.	.  00 00	71

No.	Date.	To whom.	For what.	Amour
	1913.			
2908	Nov. 14	Fargo, R. N.	Salary, November, 1913 \$120 00	1
Ctd.	]	Gill, H. L. Huff, G. A.	do	
		Jones R R	.do	
		Huff, G. A. Jones, R. R. Manley, E. J. Pengilly, H. E. Brooks, Verna Gaut, Rosa Lee. Hitt, Agnes. Hughitt, Anna L. Landee, Marion C. Moulton, Gertrude E. Shoemaker, Dorothy-Ruth Webster, F. D. Hollister, H. A.	do	
		Pengilly, H. E	do 10 00	
		Brooks, Verna	do 90 00	
		Hitt A ones	do	
		Hughitt, Anna L	.do	
	l	Landee, Marion C.	do	
		Moulton, Gertrude E	do 133 33	
		Shoemaker, Dorothy-Ruth	do	
	j	Hollister H A	do	
		Aver. T. P. (Student)	_do70 00	
	1	Bollman, Minnie J. (Student)	do	
		Branch, Nelle E. (Student)	do	
		Breedis, John (Student)	do	
,		Christy Glan (Student)	.do	
		Craig. Jennie A	do	
		Drury, F. K. W	do200 00	
	ļ	Dunlap, Fannie (Student)	do 60 00	
		Eppinger, J. G. (Student)	do	
		Fontaine E.O. (Student)	.do	
		Gibson, Mable H. (Student)	do	
	ļ	Goulding, P. S	do: 166 66	
		Herdman, Margaret	do	ŀ
	1	Hodneneld, Jacob	do	
	[	Hutchine Margaret	do	
	ł	Janyrin, Charles	.do	
	l	Johnson, Alice	do 83 33	
	İ	Jutton, Emma R	do	
	}	Kaiser, J. B	do	,
		Leatherman Marian	do	
	1	Mitchell, Marguerite (Student)	do	
		Patton, Adah	do 91 66	1
		Renich, Katherine Louise (Student)	do	
	l	Torrance, Mary 7 (Student)	do	
	1	Windsor, P. L	do	
		Wyeth, Ola M	do	
		Eldredge, A. G.	do	
		Carson, H. Y.	do	
		Reliey, R. L. (Student)	do	
		White J M	do	
	1	Checkley, J. H.	do	
	1	Evans, Augusta D	do	
	ł	Jamison, A. W	do 166 66	
		Miller, W. P	do	
	1	Rankin F. H	.do	
	ŀ	Allyn, Orr	do	
		Aumer, J. P	do 150 00	
		Bauer, F. C.	do 133 33	
		Binding, L. R.	do	}
	-	Burlison W. L	.do	
		Clevenger, C. B.	do	ļ
		Dickerson, I. W	do 133 33	
		Dickinson, R. W.	do	
	1	Edrhlow V I I	do	i
		Moulton, Gertrude E Shoemaker, Dorothy-Ruth Webster, F. D Hollister, H. A Ayer, T. P. (Student) Branch, Nelle E. (Student) Breedis, John (Student) Britton, Floyd Evanston (Student) Craig, Jennie A Drury, F. K. W Dunlap, Fannie (Student) Eppinger, J. G. (Student) Eppinger, J. G. (Student) Feisenthal, Emma Fontaine, E. O. (Student) Goulding, P. S Herdman, Margaret Hodnefield, Jacob Hubbard, Marie E. (Student) Hutchins, Margaret Janvrin, Charles Johnson, Alice Jutton, Emma R Kaiser, J. B Karsten, Eleanor G Leatherman, Marjan Mitchell, Marguerite (Student) Patton, Adah Renich, Katherine Louise (Student) Torrance, Mary Troy, Mary Z. (Student) Windsor, P. L Wyeth, Ola M Eldredge, A. G Carson, H. Y Kelley, R. L. (Student) Ramson, A. W Miller, W. P Nolan, A. W Rankin, F. H Allyn, Orr Aumer, J. P Bauer, F. C Birdhon, R. W Ebersol, E. T Eckblaw, K. J. T Ellis, O. I Fahrnkopf, H. F. T Fisher, F. A	do	
	1	Fahrnkopf, H. F. T	do	
		Fisher, F. A.	do 100 00	
	1	Fisher, O. S.	do	
		Garrett, F. W.	do	
		Gernart W B	do	
		Gilkerson, H. C	-do	
	1	Eilis, O.1 Fahrnkopf, H. F. T. Fisher, F. A. Fisher, O. S. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Gustafson, A. F. Hack A. F.	do175_00	
		Heck, A. F. Hegnauer, Leonard.	do	
	1	Hegnauer, Leonard	do 250 00	

No.	Date.	To whom.  Holt, S. V. Hoskins, E. E. Jahr, M. E. Leighty, W. R. Logan, C. C. Mosler, J. G. Mosler, J. G. Mosler, J. G. Mosler, J. H. Ledghty, J. H. Reed, C. O. Sachs, W. H. Schoonover, W. R. Smith, L. H. Schoonover, W. R. Smith, L. H. Schother, H. J. Stewart, H. W. VanAlstine, E. T. Walworth, E. H. Wascher, F. M. W. Wheeler, H. C. Whitie, E. A. Whiting, A. L. Barto, D. O. Bull, Sleeter Edmonds, J. L. Hall, L. D. Handschin, W. F. Mitchell, H. H. Mumford, H. W. Newlin, C. I. Place, V. A. Rusk, H. P. Simpson, F. M. Smith, W. H. Wells, J. R. Yoke, J. J. Brand, R. E. Clark, E. M. Crandall, W. T. Fraser, W. J. Harding, H. A. Hulce, R. S. Keller, O. A. Lang, LeRoy Parker, H. N. Pearson, F. A. Ruehe, H. A. Yapp, W. W. Aust, F. A. Blair, J. C. Bole, S. J. Colby, A. S. Coffman, R. W. Hutchinson, James. Lloyd, J. W. Miller, Wilhelm Muncre, F. W. Nehrling, A. H. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, G. L. Peltier, M. R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. Bevier, Isabel Crigler, Nina B. Flemidn, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth, Georgia. Goldth,	For what.	Amour
	1913.			
2908	Nov. 14	Holt, S. V.	Salary, November, 1913 \$150	00
Ctd.	İ	Tohr M E	do	001
	Į.	Leightv. W. R.	do	66
	[	Logan, C. C.	do	001
		Mosier, J. G	do	66
	l	Niederman, Gertrude	do	001
	ļ	Pettit I H	do	
		Reed, C. O.	do	ŏŏl
	1	Sachs, W. H	do	33
	l	Schoonover, W. R.	do	00
		Smith, L. H	do	66
	ł	Stewart H W	do	001
	l	Van Alstine, E. T.	do	001
	1	Walworth, E. H	do	00
	Į.	Wascher, F. M. W.	do	00
	Į	White F A	do	
	1	Whiting A L	do 150	001
	ļ	Barto, D. O	do	00
•	1	Bull, Sleeter	do 133	331
	l	Edmonds, J. L	do	33
	1	Hall, L. D	do	50
	l	Mitchell, H. H	.do	33
		Mumford, H. W	do	66
	1	Newlin, C. I	do 100	00
	ì	Place, V. A	do	00
	1	Simpson F M	do	33
	l ·	Smith, W. H	do125	00
	l	Wells, J. R.	do	33
	1	Yoke, J. J	do	33
	}	Brand, R. E	do	00
	1	Crandell W D	do	00
	j	Fraser, W. J.	do	
	j	Harding, H. A.	do	66
		Hulce, R. S	do 116	66
	1	Keller, O. A.	do	66
	ł	Parker H N	do	00
	ŀ	Pearson, F. A.	do91	66
	1	Ruehe, H. A.	do	33
	1	Yapp, W. W	do	66
		Aust, F. A		33
	l	Bole S I	do 416	001
	l	Colby, A. S.	do	00
	1	Dorner, H. B	do	00
	· .	Durst, C. E		001
	!	Foglesong, L. E.	do	66
	ĺ	Gunderson A I	do	00
		Harper, Julia A	do	00
		Hoffman, R. W	do	001
		Hutchinson, James	do	00
		Lioya, J. W	do	66
		Muncie, F. W	do	
		Nehrling, A. H.	do150	ŏŏ
		Peltier, G. L	do	33
		Pickett, B. S.	do250	001
		Robinson C M	do	00
		Root, R. R.	do	33
		Ruth, W. A.	do	001
		Sayre, C. B.	do	00
		Smith, F. A. C.	.do 125	001
		Watkins, U. S	do	00
		Crigler, Ning B	do 116	66
		Fleming, Georgia	. do	ŏŏl
		Goldthwaite, Nellie	do	501
		Gray, Cora E	do	66
		Harrison, Florence	. do 100   . do 116	00  6
		T alsons, mand		٥١

# ${\tt OPERATION,\; MAINTENANCE\; AND\; EQUIPMENT\; VOUCHERS-Continued.}$

No.	Date.	To whom.	For what.	Amoun
0000	1913.	Pincomb, Helena M. Seymour, Lurene. Stevens, Grace E. Wheeler, Ruth. McIntosh, Donald. Richards, C. R. Ash, Percy. Burton, S. C. Clark, C. R. Corrubia, A. B. M. Cowley, F. K. Fehrenkamp, Winifred. Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Provine, L. H. Ricker, N. C. Titcomb, W. C. Wells, N. A. Baker, I. O. Bowling, B. L. Davis, R. E. Garver, N. B. McDaniel, A. B. Parcel, J. I. Pickels, G. W. Raynor, W. H. Smith, J. E. Wiley, C. C. Wilson, W. M. Biegler, P. S. Brooks, Morgan Bryant, J. M. Fisk, I. W. James, L. V. Knight, A. R. Loring, F. C. Paine, E. B. Waldo, E. H. Abrams, D. A. Chittenden, A. K. Dunn, H. H. Keller, R. B. Kratz, A. P. McFarland, D. F. Moore, H. F. Slater, W. A. Vedder, J. N. Vensen, T. D. Crane, Rufus, J. V. Kengen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, T. D. Crane, Rufus, J. V. Vensen, H. H. Miller, H. W.	G-1	
2908	Nov. 14	Pincomb, Helena M	Salary, November, 1913 \$133 33	
Cta.		Stavens Grace E	do 110 00	
	1	Wheeler Ruth	do 141 66	
	i	McIntosh, Donald	do	
		Richards, C. R.	do	
		Ash, Percy	do	
		Burton, S. C.	do	
		Clark, C. R.	do 166 66	
		Cowley F V	do 120 00	
		Fahrankamn Winifred	do 70 00	
		Forsythe J. H	do	1
		Jones, R. T.	do 160 00	
		Kellogg, J. M	do 150 00	1
		Kimball, A. H	do 150 00	
		Provine, L. H.	do	
	1	Ricker, N. C.	do	
	1	Wells N A		1
		Rekar I O	do 322 22	
	i	Bowling B. L.	do83_33	1
	1	Davis, R. E	do120 00	
	1	Garver, N. B.	do	1
	1	McDaniel, A. B	do 229 16	1
	į	Parcel, J. I.		
	1	Pickels, G. W	150 00	1
	1	Raynor, W. H.	do 130 00	
		Wiley C C	do 141 66	
		Wilson W M	do 183 33	
	1	Bioglar P S	do 166 66	
	1	Brooks, Morgan	do	
	1	Bryant, J. M.	do	
		Fisk, I. W	do 133 33	
		Jamés, L. V	do 133 33	i
		Knight, A. R.	do	
		Loring, F. C	do	
		Paine, E. B	166 66	1
		Waldo, E. H.	do 150 00	
		Chittenden A K	do 229 16	
	l	Dunn H H	do	1
		Keller, R. B	do	}
		Kratz, A. P.	do 133 33	il .
		McFarland, D. F	do 166 66	
		Moore, H. F.	. do	
		Slater, W. A		
		Vedder, J. N.		'
		Crope Pufus	do	
		Jordan H H	do	
		Miller, H. W	do 140 00 do 183 33	
		Nelson, W. S.	do	11
		Porter, F. M.	do	)
		Rugg, H. O	do 150 00	)
		Steward, R. K.	do	il .
	1	Benedict, B. W	do	1
		Dent, J. A.	do	
	1 .	Duncen I M	do	
	1	Eames H. S.	do 140 00	il
	1	Gross, G. A	do	il
	1	Frisk, J. A.	do	il .
		Godeke, H. F.	do 130 00	)
	1	Goodenough, G. A	do291 66	il '
	1	Vedder, J. N Yensen, T. D Crane, Rufus Jordan, H. H Miller, H. W Nelson, W. S Porter, F. M Rugg, H. O Steward, R. K Benedict, B. W Dent, J. A Domonske, A. B Duncan, J. M Eames, H. S Gross, G. A Frisk, J. A Godeke, H. F Goodenough, G. A Harding, L. A Kennedy, R. E Lanham, E. T Leutwiler, O. A Pendleton, J. C Radebaugh, G. H Rebman, P. J Richards, C. R Scroggin, D. L Torrance, F. C Waterfall, H. W Willard, A. C Andros, S. O	do	
	1	Kennedy, R. E	do	1
	1	Lannam, E. T.	do	
	1	Leutwier, U. A.	do	3
	1	Pedebaugh C. F.	do	
	ł	Rahman P I	do 20 00	
	1	Richards, C. R.	do	1
		Scroggin, D. L.	do	)i
	1 .	Torrance, F. C.	do	)
	1	Waterfall, H. W	do	)]
	1	[Willard, A. C	. do 200 00	
	1	Andros, S. O	. do 25 00	)

No.	Date.	To whom.	For what.	Amour
	1913.			
2908	Nov. 14	Holbrook, E. A. Stoek, H. H. Young, L. E. Babbitt, H. E. Babbitt, H. E. Boomsliter, G. P. Enger, M. L. Ensign, N. E. Fleming, V. R. Gardner, Harry. Gonnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Carman, A. P. Jones, L. T. Karrer, Sebastian Knipp, C. T. Kunz, Jacob. Nathanson, J. B. Schulz, W. F. Randolph, O. A. Shook, G. A. Smith, O. H. Watson, F. R. Warner, E. H. Williams, E. H. Hayes, J. B. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Andros, S. O. Decker, E. H.	Salary, Novmeber, 1913 \$208 3	3
Ctd.		Stock, H. H.	-do	
		Robbitt H F	do	
	i	Boomsliter, G. P.	do	
		Enger, M. L.	do 187 5	0
		Ensign, N. E	do	
		Gordner Horry	do	
		Gonnerman H. F	do	
		Noerenberg, C. E.	do	
		Seely, F. B	do 170 0	0
	1	Talbot, A. N	do	
	1	Vallance, Alexander	140 0	
	1	Carman A P	do	
		Jones, L. T.	do	
		Karrer, Sebastian	do 70 0	o .
		Knipp, C. T	do 233 3	
	Ĭ	Kunz, Jacob	do 208 3	
		Schulz W F	do 50 0	
		Randolph, O. A.	do	
		Shook, G. A.	do 120 0	0
		Smith, O. H.	do	
		Watson, F. R	do	
		Williams E H	do	
		Haves, J. B.	do	
	1	Buck, A. M	do 150 0	0
	i	Comstock, A. F	do 166 6	
	1	Schmidt, E. C.	do	
	1	Andres S O	do	
	1	Decker, E. H.	do	
		Green, Frederick	do	6
		Hale, W. G.	do	6
		Harker, O. A	do	
	1	Vernier C. G		
	1	Cassidy, H. M. (Student)	do	
	1	Andrews, O. M	do 83 3	
	1	Babcock, K. C.	do 416 6	
	1	Saymour A R	do	
	1	Bradbury, C. E.	do	
	1	Kelley, C. F	do 150 0	0
	1	Lake, E. J.	do 187 5	0
	1	Wetmore, Mary M	do	
		Reed F W	do	
		Stebbins, Joel	do	
		Burton, L. V	do 60 0	0
		Schmidt, E. C. Andros, S. O. Decker, E. H. Green, Frederick. Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student). Andrews, O. M. Babcock, K. C. Meyer, G. H. Seymour, A. R. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel. Burton, L. V. Newell, C. R. Rahn, Otto. Brigham, R. O. Hague, Stella M.	do	
		Rrigham R O	do	
		Brigham, R. O	do	
		Hague, Stella M. Hottes, C. F. Lamkey, E. M. R. LeCato, J. M.	do	
		Lamkey, E. M. R.	do	0
		LeCato, J. M	do	
	ł	McDougail, W. B	do	
	1	Scherfee, S. H.	do	
	İ	Trelease, Wm	do	
		Waggoner, H. D	do 60 0	
		Whitten, J. H.	do	
		Radeliffe R S	do 150 0  do 120 0	
		Rand, C. C.	do	<u> </u>
	1	Stull, R. T.	do	
		Adams, W. C.	do	0
	-	Allen, C. H.	do 50 0	0
		Baker, K. E.	do	
		Ball, T. R.	do	ŏ.
		Bates, S. J.	do	ol
		LeCato, J. M. McDougall, W. B Parr, Rosalie M. Scherfee, S. H. Trelease, Wm. Waggoner, H. D. Whitten, J. H. Hursh, R. K. Radcliffe, B. S. Rand, C. C. Stull, R. T. Adams, W. C. Allen, C. H. Baker, R. E. Balke, C. W. Ball, T. R. Bates, S. J. Beal, G. D. Braley, S. A. Broderson, H. J.	do 140 0	ol
		Braley, S. A.	do	0
	i	procerson, H. J	do 120 0	וט

No.	Date.	To whom.	For what.	Amour
	1913.			
2908	Nov. 14	Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander	Salary, November, 1913 \$ 30 00	
Ctd.		Clark Z A	do	
	ļ	Cohn Alexander	do	
		Darrah, Juanita E	do	
		Davisson, B. S.	do	
		Derick, C. G	do 166 66	1
	]	Eckstein, C. H	10 00	ì
		Engle, E. W	do	,
		Foster, L. F	do	
	1	Gilmore, R. E	do	
		Hecker, C. H	.do. 100 00 .do. 50 00 .do. 60 00	Ì
	J	Hess, R. W	do 50 00	1
	{	Hewes, C. K		
		Honking R S	do 80 00	}
		Janson, J. M	do	
		Kamm, Oliver	do	1
		Kremmers, H. C	do 30 00	
		Layng, T. E	do	l
		Lewis, H. F	do	İ
		MacArmur, C. G	do	1
		Manuel, W. A	do	
		Margiust, S. D.	do	1
		Nelson, R. A	do 10 00	
		Noyes, W. A	do	
		Progil Anton	do	
		Pand T W	do60 00	1
		Rich. P. C.	do	ı
		Ruby, G. B.	do	ļ
		School, Clarence	do 30 00	}
		Sears, G. W	do	
		Slevert, C. W. J.	do	
	1	Smith G M	do	
		Smith, L. D.	do	
	1	Snook, J. D.	do	ı <b>l</b>
		Straw, W. A	do 10 00	i l
		Taylor, E. H.	do	1
		Thorn Lambert	.do	l
		Tippett. R. W	do	
	I	Valentine, H. D.	do	d
		Van Zoeren, G. J	. do 60 00	ıl .
	1	Washburn, E. W.	do	1
		Weiland H. U. P	do	
		Wichers Edward	do	3
		Wildman, E. A	do50 00	NI .
	l	Bogart, E. L.	. do	
	1	Chase, W. A.	do 291 66 200 00 .do 250 00	1
	l	Dewsnup, E. K	do	
	1	Prickett A T.	do 40.00	
	1	Robinson, M. H	do	
	1	Scoville, H. T.	do	) i
	1	Stewart, C. L	do	)
	l	Thompson, C. M	do 180 00	1
	,	Thompson, J. G	do	3
	l	Rarton H I	do 291 66	1
	l	Canter, H. V.	do	
	1	Moss, C. M.	do	1
	1	Oldfather, W. A	do250_00	1
	1	Pease, A. S.	do	1
	1	Ragley W C	do	1
		Coffman, L. D.	do	
	1	Hallquest, A. L.	do	
	1	Harlan, C. L	do	1
		Johnston ,C. H.	do	il
		Miller, W. S.	do	1
		Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander Darrah, Juanita E. Davisson, B. S. Derick, C. G. Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Hewes, C. K. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kamm, Oliver Kremmers, H. C. Layng, T. E. Lewis, H. F. MacArthur, C. G. MacInnes, D. A. Marquist, S. D. Nelson, R. A. Noyes, W. A. Parr, S. W. Prasil, Anton Read, J. W. Rich, P. C. Ruby, G. B. School, Clarence Sears, G. W. Sievert, C. W. J. Skinner, G. S. Smith, G. M. Smith, G. M. Smith, G. M. Smith, C. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, E. H. Taylor, S. C. Thorp, Lambert Tippett, R. W. Valentine, H. D. Van Zoeren, G. J. Weston, M. A. Bogart, E. L. Chase, W. A. Dewsnup, E. R. Litman, Simon Prickett, A. L. Robinson, M. H. Scoville, H. T. Stewart, C. L. Thompson, C. M. Thompson, J. G. Weston, N. A. Barton, H. J. Chase, W. A. Dessen, J. G. Weston, N. A. Barton, H. J. Chaffer, W. A. Anderson, L. F. Bagley, W. C. Confiller, W. A. Alden, R. M. Barton, H. J. Challer, W. A. Alden, R. M. Barton, H. J. Chase, W. A. Dessen, J. G. Weston, N. A. Barton, H. J. Challer, W. A. Anderson, L. F. Bagley, W. C. Confiller, W. A. Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A.	do	
	1	Boyer C V	do	
	1	12 07 0x, 0. 1	do	3

lo.	Date.	To whom.	• For what.	Amour
	1913.	Clark, T. A. Creek, H. L. Curl, M. J. Dixon, R. E. Dodge, D. K. Fulton, Edward. Goodwin, T. G. Guild, T. H. Gwinn, Alta Harbarger, Sada A. Jones, E. S. Jones, H. S. V. Jordan, J. C. Kelso, Ruth Kyle, Martha J. Landee, Marion. Loomis, R. S. McJohnston, Harrison. Paul, H. G. Rinaker, Clarissa. Sarett, L. R. Schoepperle, Gertrude. Scott, F. W. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Tieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob Folsom, J. W. Forbes, S. A. Glasgow, Hugh MacGillivray, A. D. Peterson, Alvah Bayley, W. S. Fleener, F. L. Heitkamp, G. W. Rich, J. L. Rolfe, C. W. Ross, C. S. Savage, T. E. Thompson, David Barto, P. S. Brooks, N. C. Flom, G. T. Goebel, Julius Green, Alexander Held, F. E. Koller, A. H. Lessing, O. E. Mayer, G. H. Poor, C. M. Spindler, G. W. Williams, C. A. Zucker, A. E. Alvord, C. W. Brush, Elizabeth P. Buck, S. J. Cortehone, A. R. Denton, W. W. Born, J. Seppine E. Chithoren, A. R. Denton, W. W. Born, J. Seppine E. Chithoren, A. R. Denton, W. W. Born, J. Seppine E. Chithoren, A. R. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Denton, W. W. Born, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Borner, A. F. Bo		
2808	Nov. 14	Clark, T. A.	Salary, November, 1913 \$500 00	
$\mathcal{C}td.$	l	Curl M T	140 00	
		Dixon R E	do 110.00	ľ
	I	Dodge, D. K	do 270 83	
		Fulton, Edward.	175 00	
	1	Goodwin, T. G.	do	<b> </b>
		Guild, T. H	do	1
	1 .	Gwinn, Alta	do	
		Harbarger, Sada A	. do 100 00	
		Jones, E. S.	. do	
į.	Ì	Jones, H. S. V	183 33	l
	1	Zolgo Duth	- do 100 00	1
	1	Wyla Martha I	130 00 130 00	
		Landee Marion	do 45 00	
		Loomis, R. S	do 120 00	
	1	McJohnston, Harrison.	do	1
•		Paul, H. G.	do	l
	}	Rinaker, Clarissa	. do 110 00	1
	1	Sarett, L. R	. do 100 00	l
	1	schoepperle, Gertrude	. do 130 00	
	1	Scott, F. W	. do	ļ
	1	Stepler T B	.	1
	1 .	Suteliffo F C	. do 100 00	
	1	Tieie, A. J	do 190 00	1
	1	Whicher, G. F	do 110 00	ľ
	1	Woolbert, C. H	166 66	1
	1	Zeitlin, Jacob.	do	1
	1	Folsom, J. W	. do	l
		Forbes, S. A.	. do 83 33	l
	l	Glasgow, Hugh	. do 120 00	
	1	MacGillivray, A. D	. do 250 00	l
	1	Peterson, Alvah	. do	
		Bayley, W. S.	. do 250 00	ł
	ļ	Traithamp C W		
	1	Dich I I.		
	1	Rolfe C W	do 250 00	
	ĺ	Ross C S	do 40.00	
	1	Savage, T. E.	208 33	1
	ł	Thompson, David	do	
	1	Barto, P. S.	do	l .
		Brooks, N. C.	do	1
	}	Flom, G. T.	. do 233 33	
	1	Goebel, Julius	. do	١.
	1	Green, Alexander	. qo 120 00	(
	İ	Meller A TT	.	1
		Lacsing O E	-	
	1	Mayar G H	do 20 22	}
	1	Poor, C. M	do 150 00	1
	1	Spindler, G. W.		1
	}	Williams, C. A	do 150 00	1
	}	Zucker, A. E.	. do 50 00	1
	1	Alvord, C. W	. do 145 83	1
	l	Brush, Elizabeth P	. do	
		Buck, S. J.	. do	1
	1	Dungalf Fradanish	. do	İ
	!	Grana E R	208 33	1
	ĺ	Larson T. M	do 950 00	
	1	Lybyer, A. H.	do 233 33	1
	1	Robertson, W. S.	do	l
	ł	Borger, R. L.	do	l
	1	Burns, Josephine E	. do	I
	{	Chittenden, E. W	. do 120 00	l
	1	Crathorne, A. R	. do 166 66	1
	1	Denton, W. W	do	)
	}	Emch, Arnold	. no	i
	1	Hebbert, C. M.	do 60 00	l
	)	Kempner, A. J.	do	1
	<b>!</b>	Lytie, E. B	do	
	[	Piotz U T.	do	(
•	1	Chittenden, E. W. Crathorne, A. R. Denton, W. W. Emch, Arnold. Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B.	958 33 1do	
	1 .	Rutledge George	do	
	1	Shaw I B	do	1
	ì	~ xxw 11 9 0 0 a d a a a a a a a a a a a a a a a a	229 10	I

No.	Date.	To whom.	For what.	Amour
	1913.	Sisam, C. H. Smith, G. W. Stouffer, E. B. Townsend, E. J. Wahlin, G. E. Zeis, H. C. Beard, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd, W. F. Fairlie, J. A. Garner, J. W. Hanford, A. C. Mathews, J. M. Bentley, Madison. Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Allen, Louis Beck, J. B. Carnahan, D. H. Carry, Charles. Eppels, Joseph. FitzGerald, J. D., II Moore, O. H. Oliver, T. E. Schulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Chenoweth, H. E. Cobb, Margaret V. Faust, E. C. Green, Bessie R. Heimburger, H. V. Johnson, Gertrude Kingsley, J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. VanCleave, H. J. Ward H. B. Wells, Grace E. Zeleny, Charles. Hanson, F. B. (Stduent). Kinley, David Wright, A. B. Austin, Louise Bayley, Paul. Blaney, Lillian Brandner, A. R. Browne, Lois A. Clark, Helen Coultas, Lois M. Cushing, Helen I. Dewey, Ida B. Fisher, L. N. Garman, F. B. (Stduent) Kinley, J. Shell Linkins, Lois M. Cushing, Helen I. Dewey, Ida B. Fisher, L. N. Garman, Philip Haskett, Aloa A. Heck, A. O. Ingels, Neile L. Kine, Jessie J. K. Knoche, Viola E. Lamtz, C. W. Lawrence, Marthew Lumcone, Warthew Lumcone, Marthew Lumcone, Marthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Warthew Lumcone, Lumcone, Lumcone, Lumcone, Lumcone, Lumcone, Lumc	N. I NT 1 1010 0100 99	
2908	Nov. 14	Sisam, C. H.	salary, November, 1913 \$183 33	
Ctd.		Stouffer F B	.do	<b>!</b>
		Townsend E I	do 333 33	
	1	Wahlin, G. E.	.do 116 66	ì
	ſ	Zeis, H. C.	.do 60 00	1
	1	Beard, J. H	.do 130 00	i
	ļ	Burge, W. E	.do 183 33	
	l	Neill, Alma J	.do 60 00	į.
	ļ	Bode, B. H.	.00	
	l	Daniels, A. H		
	1	Shanhard Ougan I	- do	
	l	Dodd W F	do 191 66	
	1	Fairlie J. A	do	
	Ì	Garner, J. W.	.do	1
	ļ	Hanford, A. C.	do 50 00	
		Mathews, J. M	.do 150 00	1
	1	Bentley, Madison	do 270 83	
	1	Ruckmich, C. A	do 130 00	
	1	Sutnerland, A. H		1
	l	Value, T. J	uo 90 00	Į.
	1	Rock T R	do 188 88	1
	1	Carnahan D. H	.do	l
	1	Carry, Charles.	do	i
	1	Eppels, Joseph	do 90 00	1
		FitzGerald, J. D., II	do 225 00	
	l	Moore, O. H	do 120 00	
	1	Oliver, T. E	do 250 00	1
		Schulters, J. R	do	1
	1	Seymour, A. R		l
		Wosenborg T C		
	1	Have E C	do 275 00	1
	1	Todd A J	do 141 66	
	1	Adams, C. C.	.do 137 50	
		Chenoweth, H. E.	do	
		Cobb, Margaret V	do 30 00	
	1	Faust, E. C	do 60 00	1
		Green, Bessie R	do 60 00	l
	1	Helmburger, H. V		
	İ	Johnson, Gertrude		1
	1	Linking R H	do 60 00	1
		May H. G	do	
	1	Smith, Frank	.do	
	1	Stunkard, H. W	do 30 00	į.
	1	VanCleave, H. J.	do 120 00	1
	i	Ward H. B	do 416 66	
	ļ.	Wells, Grace E	no	1
	1	Zeleny, Charles.		
	1 .	Hanson, F. B. (Stauent)	60 00	1
	1	Wright A R	- do 50 00	i i
		Austin Louise	do	
	1	Bayley, Paul.	do	il
	1	Blaney, Lillian	do	ıl .
	{	Brandner, A. R.	do	4
		Browne, Lois A	do 25 00	1
		Clark, Helen	do 25 00	1
	l	Coultas, Lois M	do	1
		Cushing, Helen 1		1
	į.	Figher I. N	do	
	į .	Garman Philin	do 25 00	
	1	Haskett, Aloa A	do	1
	1	Heck, A. O	do	
	1	Ingels, Nelle L	do	
	1	Kile, Jessie J	do 25 00	
		Knight, C. K.	do 25 00	!
	1	Knoche, Viola E	do 25 00	1
	1	Lamb, B. F.	do 25 00	
	1	Lantz, C. W		
		Lawrence, Matthew	uo	,
	1	McKenna E L	- do 25 00	1
	1	Mathews Howard	.do	
		A A COURT OF THE TENTE OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE COURT OF THE		1

No.	Date.	To whom.	For what.	Amou
	1913.	Miller, Jessie F Pasmore, D. F Parker, Karr Partridge, N. L Paulson, P. A. Ray, S. H Reeves, H. P Schinnerer, O. P Shewhart, W. A. Siebens, Thekla M Smith, R. S. Stevens, W. E Stokes, C. N Sullivan, W. W Theilen, Margaret K Thoreen, Edna A. Thorne, Mabel E Wilber, A. S Wilson, W. H Wolf, H. C Wolfe, W. S. Brown, R. W Carroll, W. E Clark, F. E Conel, J. L Cort, W. W Farwell, S. P Fracker, S. B Gittnis, Elizabeth M Gutherlet, J. E Harder, O. E Heuse, E. O. Holley, C. E Howard, J. W Johnson, Morris Kircher, E. A. T Lehenbauer, P. A Macfarlane, Wallace McGregor, H. H Mathewson, L. C Millard, E. B Miller, J. E Peine, A. F Russell, F. A Voegelein, Lily B Watson, Minnie E Wright, Quincy Wyatt, F. A Belt, J. H Hadley, H. F McDermet, Rudolph Maney, G. A Montomgery, Julian Nebel, M. L Pogue, R. B Thomas, H. R Wohlenberg, W. J Bond, Ethel. Curtis, Florence R Reece, E. J Simpson, Frances Oaks, Katherine S Harding, A. A Kirkup, Florence M Mills, C. H Morphy, E. W Nasmyth, H. D Ssmyth, G. F Simon, Anna Smith, Constance Barlow Townsend, I. T		
2908	Nov. 14	Miller, Jessie F	Salary, November, 1913 \$ 25	)0
Ctd.		Pasmore, D. F		00
		Parker, Karr	25 (	30
		Paulson P A	do 25 (	20
-	1	Ray S. H	do 25 (	กัดไ
		Reeves, H. P.	do	5ŏl
		Schinnerer, O. P.	do	ool
		Shewhart, W. A	do 25 (	00
		Siebens, Thekla M	do	30
		Smith, R. S.	do	00
		Stevens, W. E.	do	JU
	{	Stokes, U. N.		JU
		Whoilen Margaret IZ	do 25	10
		Thorson Edna A	do: 25	00
	1	Thorne Mahel E	do 25 (	00
	l .	Wilher, A. S	do 25 (	ñ
		Wilson, W. H.	do 25	00
		Wolf, H. C.	do	00
		Wolfe, W. S.	do	00
	1	Brown, R. W	do	00
	1	Carroll, W. E	do	00
		Clark, F. E.	do	J0
	1	Conet, J. L.	do35	JU
	1	Wort, W. W		JU
		Farwell, S. P		201
	Ì	Gitting Fligsboth M	do 30 /	001
		Gutherlet I E	do 40 (	กัก
		Harder, O. E	do 30 (	00
		Heuse, E. O.	do 40 (	áől.
		Holley, C. E.	do	ool
		Howard, J. W	do	00
	ł	Johnson, Morris	do	00
		Kircher, E. A. T.	do 40 (	00
	į.	Lehenbauer, P. A	do	00
	j	Macfarlane, Wallace	do	00
		McGregor, H. H.	do	30
		Mathewson, L. C.	do	00
		Millard, E. B		JU
	İ	Poine A E		JU
		Duccoll F A	do 25	00
		Voegelein Lily B	do 30	ñol .
		Watson, Minnie E	do	őől
	l	Wright, Quincy.	do 30	00
		Wyatt, F. A.	do	00
	Ì	Belt, J. H	do 50	00
		Hadley, H. F	do 50	00
	1	McDermet, Rudolph	do	JU
	1	Maney, G. A.	do	00
	]	Montomgery, Julian	do	JU
		Pogra P B		70
		Thomas H P	do 50	00
		Wohlenherg W I	do 50	กัก
		Bond. Ethel	do 83	33
		Curtis, Florence R.	do	33
		Reece, E. J.	do	33
		Simpson, Frances	do 166	36
		Oaks, Katherine S	do 75	00
		Harding, A. A	do 180	00
		Kirkup, Florence M	do	JU
		Mills, C. H.	do	JU
	l	Morphy, E. W	170 t	JU
		Schwortz C F	170 do	20
		Simon Anna	do	00
		Simon, Anna. Smith, Constance Barlow	.do	86
		Townsend, L. L.	.do	őő
		Treat. Edna L	do	óŏ
		Treat, Edna L Van den Berg, H. J. Langelier, W. F. Colson, H. W. Clark, A. H.	.do	00
		Langelier, W. F.	do	00
		Colson, H. W.	do	00
		Clark, A. H	do	00
		Day, W. B. Day, W. B. Eicher, B. L.	do 108	33
		Day, W. B	do 100	
		Eicher, B. L	do 100	JUI

No.	Date.	To whom.	For what.	Amount
	1913.		,	
2908	Nov. 14	Fantus, Bernard. Gathercoal, E. N. Snow, C. M. Pay roll (civil service employees) Alexander, Lilla. Alley, W. E. Amos, Winlired L. Atkinson, C. E. Blackwall Mary	Salary, November, 1913 \$ 50 00	)
.Cld.		Gathercoal, E. N	do	2
0000		Snow, C. M	do 150 00	)
2909	do	Pay roll (civil service employees)	November, 1913	\$9,063_7
	l	Allow W F	Salary, November, 1913 65 00	{  ·
		Amos Winifred I.	do 75.00	3
	ļ	Atkinson, C. E	do	ś
		Blackwell, Mary	do	. ·
		Boice, L. A	do 125 00	D
		Bowen, Evalena	do 65 00	<u> </u>
		Broadhurst, Tabitha J	do	
		Brown, Ina M	do	₹
	}	Buokles Mildred	do	(I
	1	Ruckler Helen I	do60 00	<b>(</b>
	]	Burt. Buth	.do	
		Cass, Elizabeth H.	do	<u> </u>
	1	Crawford, C. C.	do	)
		Cover, Hazel	do 60 00	0
	1	Cunningham, H. E	do 166 60	3
		Custer, Emma L	do	<b>!</b>
	1	Daiton, U. E	do	
	1	Foldkomn Amelia	.do	<b>(</b>
	1	Fieg Robert	.do	il .
	1	Foss, Margaret C	.do	ól.
	1	Fraser, Viola	do	
	1	Gage, Marjorie H	do 68 0	
		Gallaher, Marion B	do	
	1	Garwood, Frances	do	2
		Goetz, Antoinette	70 0	
	l	Good, Elizabeth	do	
		Griffith Mahal	do	<b>K</b>
	ļ	Halliday Mahla	do 60 0	ăl .
	l	Hamilton, Mrs. Alice V	do	ŏl
	, ,	Havens, Charles	do	01
		Hay, N	do 166 6 do 60 0	6
		Heater, Myrtle E	do 60 0	0
	l	Houchens, Josie B	do	3
	}	Hull, A. H	do	0
	i	Humrichouse, Katle L	do	
		Zollov I H	do	2
	I	Kirwin Nora	do	
	İ	Knapp, Aurella	do	ŏ
	l	Knorr, L. E	do	ŏ
		Lahr, Lawrence	do 50 0	0
		Lamb, Allie B	do 55 0	0
		Lee, A. R.	do	6
		Leitz, Louise A	do	O
	]	Love, Mary E	do	
	1	McChae Tleater Elizabeth	do	
	i	McGurty Agnes	do	ă
		McIntire W A	do	
	l	Manspeaker, L. Mae	do	š
		Meneley, Maude E	do 60 0	0
		Meseck, R	do 65 0	
		Millar, Mary	do 65 0	0
		Miller, C. F	do	0
		Morey, Lloya	do	U
		Mumber Mornin	100 0	
		Needham Lucile	do	ŏl
		Nyberg, Florence A	do	ň
		Oberdorfer, H. D.	do	31
	1	Packard, Bessie	do	Ol
	1	Peel, Elizabeth C	do 75 0	0
	1	Peel, Thomas	do	0
		Poll, Lillian	do 50 0	0 :
	1	Post, Frederick	do	VI
	1	Powell B F	do	e ·
	1	Pulling Elizabeth	do	o l
	1	Alexander, Lilla Alley, W. E. Amos, Whinfred L. Atkinson, C. E. Blackwell, Mary Boice, L. A. Bowen, Evalena. Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred Buckler, Helen I. Burt, Ruth. Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cunningham, H. E. Custer, Emma L. Dalton, C. E. Emigh, Edith. Feldkamp, Amelia. Frieg, Robert. Foss, Margaret C. Frasser, Viola. Gage, Marjorie H. Gallaher, Marion B. Garwood, Frances Goetz, Antoinette. Good, Elizabeth Gordon, Marie A. Griffith, Mabel. Hamilton, Mrs. Alice V. Havens, Charles Hay, N. Heater, Myrtle E. Houchens, Josie B. Hull, A. H. Kirwin, Nora. Kanapp, Aurella Kenorr, L. E. Lahr, Lawrence Lamb, Allie B. Lee, A. R. Leitz, Louise A. Love, Mary E. McGnet, Mares McIntire, W. A. Manspeaker, L. Mae Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maurphy, Morris Needham, Lucile Nyberg, Florence A Oberdorfer, H. D Packard, Bessie Peel, Elizabeth C. Peel, Thomas Post, Frederick Postlewait, Harriet L Powell, B. E. Pulling, Elizabeth Puttnam, Persis Rein, Lillian E Renz, Myrtle.	do 75.0	ň
		Rein Lillian E	do	ŏ
	1	140mm, 120mm 12	do	žI

No.	Date.	To whom.	For what.	Amoui
	1913.	Ricketts, Clara. Riggs, Bess. Robertson, Nellie. Rogers, Della M. Scanlan, Mary. Sharp, Bertha L. Sharp, Bertha L. Shary, Ethel. Shaw, Hazel Y. Shepard, Anna L. Showers, T. J. Slater, Sara M. Smith, Florence E. Smith, I. M. Smith, Florence E. Smith, Mayme L. Staples, O. E. States, Bertha G. Stevens, Sabra Steitz, Alfred. Stricklan, Freda O. Thompson, M. E. Towne, L. J. Tuttle, G. P. Tyrrell, Josephine. Vaubel, D. Voight, Lida E. Wheeler, H. H. White, Loretta. Winchester, B. L. Wyninger, H. T. Beyer, Melinda L. Merchant, Donna. Feind, Frances Math, E. R. Magruder, Ira W. Ressler, Milton. Vanderbeek, H. J. Wright, G. E. Lomius, J. O. Ellis, E. R. Leonard, Russell Reid, Olive G. Pay roll (civil service employees). Sowers, A. L. V. Mueller & Co. H. W. Cole. Western Educational Advertising Agency. The Book Shop Bindery. H. M. Hooker Co. Fleischer Paper Box Co. S. S. White Dental Mfg. Co. Woldenberg & Schaar.		
2909	Nov. 14	Ricketts, Clara	Salary, November, 1913 \$ 60 00	
Cld.	ł	Riggs, Bess	do	
	i	Robertson, Nellie	do 70 00	
	1	Rogers, Della M	do	
	,	Sharp Bortha L	do 55 00	
	ł	Sharp, Ethal	1 do 40 00	
	ļ	Shaw, Hazel V	do 65 00	
	i	Shepard, Anna L	do	
		Showers, T. J.	do	
	1.	Slater, Sara M	do 60 00	
	i	Smith, Florence E	do 75 00	
	1	Smith, I. M	do 125 00	
	{	Smith, Mayme L	do	
	1	Staples, O. E.	do 150 00	
	1	States, Bertha G	do 50 00	
	1	Stevens, Sabra	do	
	ļ	Steltz, Alired		
	ł	Thompson M T		
	1	Towns T. T	do 175 00	
	ł	Tuttle C P	do 100 00	
	1	Tyrrell Josephine	do 50 00	
	1	Vanhel D	do 60 00	
	l	Voight, Lida E	do 83 33	
	1	Wheeler, H. H.	do	
		White, Loretta.	do	
		Winchester, B. L.	do	
		Wyninger, H. T.	do 60 00	
	1	Beyer, Melinda L	do 75 00	
	1	Merchant, Donna	do	
		Feind, Frances	do 80 00	
	J	Math, E. R	]do 125 00	
		Magruder, Ira W	do 70 00	
		Ressler, Milton	do 80 00	•
		Vanderbeek, H. J	do 65 00	
	1	Wright, G. E	do 125 00	•
		Lonius, J. O	do 90 00	
	1	Ellis, E. R	do	
		Leonard, Russell		
	do	Reid, Ulive G	37 amount on 1012	8150
2910	uo	Carlson M P	Wages October 1012 60 00	\$150
	1	Coint II F	Wages, October, 1915 00 00	
	do	Por roll (civil corries amplement)	November 1012	100
2911		Source A T.	Wages October 1012 100 00	100
2912	Nov. 15	W Muellor & Co	Laboratory apparatus	325
2912	do	H W Cole	Dosk chairs	35
2914	do	Western Educational Advertising Agency	Advertising	75
2915	do	The Book Shop Bindery	Binding	85
2916	do	H. M. Hooker Co	Glass	g
2917	do	Fleischer Paper Box Co	Boxes.	10
2018	do	S. S. White Dental Mfg. Co	Chair	26
2919	do	Woldenberg & Schaar McMaster-Carr Supply Co. Parke-Davis & Co.	Bottles	50
2920	do	McMaster-Carr Supply Co	Plumbing materials	10
2921	do	Parke-Davis & Co	Chemicals	21
2922	do	The Adder Machine Co. The Chicago Tribune. The R. D. Swisher Mfg. Co. The Western Union Telegraph Co.	Adding machine	195
2923	do	The Chicago Tribune	Incidentals	1
2924	do	The R. D. Swisher Mfg. Co	Steel stamp	1
2925	do	The Western Union Telegraph Co	Time service	23
2926	ao	A. H. Abbott Co. H. K. Mulford Co.	Supplies	101
2927	ao	H. K. Muliord Co	Laporatory supplies	43 20
2928	oo	A. Daigger & Co. The Globe-Wernicke Co. Morrison, Plummer & Co.	0.00	
2929		Morrison Planmon % C-	T shore term garantics	293 286
2930	uo	Morehall Field & Co	Cupplies	167
2931	uv	Marshall Field & Co	T above town supplies	82
2932	do	Fuller & Fuller Co	Typewriters	120
2933 2934	do	V. Mueller & Co.	Lahoratory supplies	124
2934	do	The Chicago Evening Post Co	Advertising	159
2936	do	The Inter-Ocean	do	107
2937	do	Mallory & Mitchell	do	391
2938				68
2939	do	The Chicago Examiner	do	71
2940	do	C. L. Frame Dental Supply Co	Laboratory apparatus	71 241
AU IU	do	Chicago Examiner. The Chicago Examiner C. L. Frame Dental Supply Co. The C., C., C. & St. L. Ry. Co. The Wabash R. R. Co. S. O. Andros.	Freight	175
2941				
2941 2942	do	The Wabash R. R. Co	do	36

No.	Date.	To whom.	For what.	Amou
	1913.	Chris C. Jensen. W. E. Johns. S. H. Ray V. E. Spencer. R. S. Hulce. W. J. Mann. Orr M. Allyn. R. W. Dickenson. A. F. Gustafson. John Hale. Wm. Black. D. E. Coffey. Charles Glascock. W. F. Handschin. Martin J. Prucha. H. A. Ruche. Wilhelm Miller.		
2944	Nov. 15	Chris C. Jensen	Traveling expenses	\$ 9
$\frac{2945}{2946}$	do	W. E. Johns.	Expert services	45
$\frac{2940}{2947}$	do	V F Changer	Traveling expenses	$\begin{array}{c} 9 \\ 19 \end{array}$
2948	do	D S Hules	do	10
2949	do	W I Mann	do	5
2950	i do	Orr M Allyn	1 do	5 23
2951	do	R. W. Dickenson	do	46
2952	do	A. F. Gustafson	do	īž
2953	do	John Hale	Labor.	26
2954	do	Wm. Black	Labor, expense	12
2955	do	D. E. Coffey	Labor	13 24
2956	do	Charles Glascock	do	24
2957	do	W. F. Handschin	Traveling expenses	12 27
2958	do.,	Martin J. Prucha	do	27
2959	do	H. A. Ruehe	do	7
2960.	do	Wilhelm Miller	do	8
2961 2962	do	H. A. Ruehe Wilhelm Miller M. E. Jahr B. S. Pickett The Carson-Payson Co. Julius Andrae & Sons Co. This Whitaker Paper Co. Philadelphia Storage Battery Co. Luitwieler Pumping Engine Co. Inter Ocean Oil Co. The Graham Mig. Co. James B. Clow & Sons. J. S. Reimund. Twin City Creamery Co. Farrar & Quinlan. Mrs. F. M. Sims. Merchants Transfer & Storage Co. Twin City Electric Co. Chas. C. Smith. Electric Coal Co. Western Kieley Steam Specialty Co. Champaign Gazette. Ullmann, Hoag & Davidson J. D. White, Postal clerk R. T. Stull H. P. Rusk H. A. Hollister Smith-Totman Co. Fred H. Rankin. Warren A. Ruth. G. H. Groves. Champaign Seed Co.	. do	6
	do	The Cargon Payson Co	Dlumbing materials	77 8 6 3 103 12 24 31 40 13
2963 2964	do	Tuling Andron & Song Co	Supplies	109
$2964 \\ 2965$	do	The Whiteker Pener Co	Supplies Paper	94
2966	do	Philadelphia Storage Battery Co	Annaratus ranairs	31
2967	do	Luitwieler Pumping Engine Co.	Apparatus repairs	40
2968	do	Inter Ocean Oil Co.	Oil	îã
2969	do	The Graham Mfg. Co	Oil. Key rings. Plumbing materials. Supplies	1 3
2970	do	James B. Clow & Sons	Plumbing materials	28
2971	do	J. S. Reimund	Supplies	61
2972	do	Twin City Creamery Co	Butter	40
2973	do	Farrar & Quinlan	Butter. Supplies. Monogram, etc.	70
2974	do	Mrs. F. M. Sims	Monogram, etc	5
$\frac{2975}{2976}$	do	Merchants Transfer & Storage Co	Drayage	5 5 3 16 155
2977	do	Chag C Smith	Office graphics	16
2978	do	Electric Cool Co	Eyelets. Office supplies. Coal Plumbing.	155
2979	do	Western Fieley Steem Specialty Co	Dlumbing	133
2980	do	Champaign Gazette	Advertising	15
2981	do	Ullmann Hoag & Davidson	Services	25
2982	do	J. D. White, Postal clerk	Postage.	25 500
2983	do	R. T. Stull	Traveling expenses	38
2984	do	H. P. Rusk	do	38 15
2985	do	H. A. Hollister	do	25 200
2986	do	Smith-Totman Co	Plumbing	200
2987	do	Fred H. Rankin	Traveling expenses	81 42
2988 2989	do	Warren A. Ruth	Plumbing Advertising Services Postage Traveling expenses do Dlumbing Traveling expenses Traveling expenses Traveling expenses Sed corn	42
2989	do	Champaign Sand Co	Seed corn	20
2991	do	Unampaign Seed Co	Supplies. Mops, broom. Shades.	2
2992	do	Morabell Field & Co	Shodes	1
2993	do	Chae Rodach & Sone	Wall case.	45
2994	do	Cant T G Smith	Wheat straw	69
2994 2995	do	Warren A. Ruth. G. H. Groves. Champaign Seed Co. Ludwig Wilson. Marshall Field & Co. Chas. Bodach & Sons. Capt. T. G. Smith. Henry M. Dunlap. Scudamore Brothers. N. E. Prince Drug Co. A. W. Murray A. Langhoff. The Chicago Legal News Co. White Line Steam Laundry. D. M. Sims. The Fitch Dustdown Co. Chicago Retort & Fire Brick Co. Champaign & Urbana Water Co. Federal Sign System Electric. Electric Coal Co. D. F. McFarland. Chicago Packing House.	Wali case. Wheat straw. Apples, barrels. Repairing harness Velox paper Coal Bulletin board Forms	45 69 22
2996	do	Scudamore Brothers	Repairing harness	16
2997	do	N. E. Prince Drug Co	Velox paper	2
2998	do	A. W. Murray	Coal	16
2999	do	A. Langhoff	Bulletin board	9
3000	do	The Chicago Legal News Co	Forms	
3001	do	White Line Steam Laundry	Laundry Hauling dirt Mops	38 30
$\frac{3002}{3003}$	do	The Fitch Dugtdown Co	Mong	31
3004	do	Chicago Patent & Fire Prick Co	Tile	165
3004	do	Champaign & Hithana Water Co	Face	107
3006	do	Federal Sign System Electric	Fees. Fixtures. Coal. Traveling expenses. Supplies.	"
3007	do	Electric Coal Co.	Coal	2,80
3008	do	D. F. McFarland	Traveling expenses	1 1
3009	do	Chicago Packing House	Supplies	109 10
3010	do	F. K. Robeson	Boots	10
3011	do	E. H. Sargent & Co	Laboratory supplies	
3012	do	Knowlton & Bennett	. do.,bb.	11 11 14 39 202
3013	do	The U. of I. Supply Store	Supplies	111
3014	do	Bacon Brothers	Bass, paint	14
3015	do	Leavitt Mig. UO	Duckets etc	36
3017	do	Percival & Macrehes	Apparatus, etc	202
$\frac{3016}{3018}$	do	D. F. McFarland. Chicago Packing House. F. K. Robeson. E. H. Sargent & Co. Knowlton & Bennett. The U. of I. Supply Store. Bacon Brothers. Leavitt Mfg. Co. General Electric Co. Percival & Moorehead. Woldenberg & Schaar The Chester Transfer Co. National Engraving Co.	Supplies Boots. Laboratory supplies do. Supplies Glass, paint Buckets. etc. Apparatus, etc Supplies Laboratory apparatus Dravage, carriage	316
3018	do	The Chester Transfer Co	Drayage corriage	14
3020	do	National Engraving Co	Drayage, carriage. Etching, half-tones.	68
3020	do	National Engraving Co. Eisner Grocery Co. The Chas. A. Hall Hardware Co.	SuppliesPaper holders	93
	do	== == = = = = = = = = = = = = = = = =	- Land by the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat	1 "

No.	Date.	To whom.	Foriwhat.	Amour
	1913.		Office supplies. Stencils. Developing & printing. Iron work. Supplies. Coils. Supplies. Letters. Furniture. Supplies. Office equipment. Supplies. Furniture. Hardware suppliesdodo. Supplies. Developing and printing. Sand, gravel, cement. Lumber Message. Printing, etc. Sundry bills paid. General labor Student labor Expert services.	
3023	Nov. 15	R. D. Swisher Mfg. Co.  Neostyle Co. F. M. Leslie. C. C. Short. Geo. B. Carpenter & Co. American Radiator Co. W. Lewis & Co. The Tablet & Ticket Co. Peck & Hills Furniture Co. Flanigan-Pearson Co. Mittendorf & Kiler. Central Electric Co. Walker & Mulliken. John H. Doyle. Barnhart Bros.	Office supplies	\$ 1 1 7
3024 3025	do	Neostyle Co	Stencils	1
3025	do	F. M. Leslie	Developing & printing	7
3026 3027 3028 3029	do	C. C. Short	Iron work	3
3027	do	American Redictor Co	Supplies	38
3029	do	W Lowis & Co	Supplies	17 16
3030	do	The Tablet & Ticket Co.	Letters	16 7 153 12 25 21 65 9
3030 3031 3032 3033 3033 3036 3036 3036 3037 3038 3040 3041 3042 3042 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3044 3045 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046 3046	do	Peck & Hills Furniture Co	Furniture	153
3032	do	Flanigan-Pearson Co	Supplies	12
3033	do	Mittendorf & Kiler	Office equipment	25
3034	do	Central Electric Co. Walker & Mulliken John H. Doyle. Barnhart Bros Taylor Hardware Co. Western Electric Co. D. H. Lioyde. B. A. Strauch Stipes & Hecker Hunter, Rourke & Co. Western Union Telegraph Co. J. W. Butler Paper Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Peter J. Krayer Illinois Traction System Wabash R. R. Co. Bronson Barlow Maud Parsons. Isabel Bevier W. C. Coffey United States Audit Co. Dr. Lee. W. W. Lindley, P. M. P. S. Barto F. W. Wascher C. C. Logan. H. C. Wheeler A. S. Ambrose E. G. Howe. Garfield Jones W. Lincoln H. A. Hollister Commercial Telephone & Telegraph Co.	Supplies	21
3035 3036	do	Walker & Mulliken	Furniture	65
3037	do	Down H. Doyle	Hardware supplies	. 9
3038	do	Taylor Hardwara Co	do	0
3039	do	Wastern Electric Co	Supplies	8 64
3040	do	D. H. Liloyda	Office supplies	11
3041	do	B. A. Strauch	Developing and printing	25
3042	do	Stipes & Hecker	Sand, gravel, cement	25 32
3043	do	Hunter, Rourke & Co	Lumber	143
3044	do	Western Union Telegraph Co	Message	l
3045	do	J. W. Butler Paper Co	Printing, etc	24
3046 3047 3048 3049 3050 3051	Nov. 20	O. E. Staples, Bursar	Sundry bills paid	154 201
3047 3048	do	O. E. Staples, Bursar	General labor	201
3049	ao	Deter I Traver	Export corvioes	411 120
3050	do	Illinois Traction System	Eroight	48
3051	do	Wahash R R Co	do	19
3052 3053	do	Bronson Barlow	Traveling expenses	6
3053	do	Maud Parsons	do	13
3054 3055	do	Isabel Bevier	do	4
3055	do	W. C. Coffey	: do	4 10
3056	do	United States Audit Co	Services	10
3057	do	Dr. Lee	Grading	32
3056 3057 3058 3059	do	W. W. Lindley, P. M	Postage	2 13
3059	do	P. S. Barto	Clerical assistance	13
3061		C C Logan	Traveling expenses	53 29
3062	do	W C Whoolar	do	48
3062	do	A. S. Ambrose	do	48 6
3064	do	E. G. Howe	Traveling expenses, expert ser-	
			vices	19
3065 3066	do	Garfield Jones	Traveling expenses	24
3066	do	W. Lincoln	do	. 8
3067	do	H. A. Hollister	do	19
3068 3069	ao	Commercial Telephone & Telegraph Co.	Service	5
3070	do	The American Chemical Society	Charges	5
3071	do	Soft Water Loundry	Loundaring	1
3072	do	I. M. Lindgren	Analysis	15
3073	do	Carbondale Printing Co	Printing	6
3074	do	Astrid S. Rosing	Drain tile	112
3075	do	C. M. Johnson	Material and labor	112 5
3076	do	Flora Lumber Co	Lumber	2
3077	do	Federal Foundry Supply Co	Laboratory supplies	13
3078	do	The Carborundum Co	Laboratory apparatus	19
3079	do	Billings & Spencer Co	do	32
3080 3081	qo	The W. S. Tyler Co	Blotting paper	.1
3082		Customs H. Michel	Charta	15
3083	do	Tohn R Ronnott	Pine	6 2 4
3084	do	Southern Illinois Penitentiary	General supplies	4
3085	do	People's Cooperative Co.	Gasoline	í
3086	do	Watson Faulkner	Ginger	ī
3087	do	A. H. Barber Creamery Supply Co	Laboratory supplies	13
3088	do	Howell's Microcosm	Relief model	40
3089	do	Illinois Electric Co	Protectors	12
3090	do	Western Valve Co	Plumbing	6 2 3
3091	do	Henry F. Michell Co	Nusery stock	2
3092	do	Independent Pneumatic Tool Co	Laboratory apparatus	3
3093	do	Machinists Supply Co	Figures, letters	6
3094	qo	A. S. Ambrose. E. G. Howe. Garfield Jones. W. Lincoln. H. A. Hollister. Commercial Telephone & Telegraph Co. G. W. Sheldon & Co. The American Chemical Society. Soft Water Laundry. J. M. Lindgren. Carbondale Printing Co. Astrid S. Rosing. C. M. Johnson. Flora Lumber Co. Federal Foundry Supply Co. The Carborundum Co. Billings & Spencer Co. The W. S. Tyler Co. Norton Co. Gustave H. Michel John B. Bennett. Southern Illinois Penitentiary. People's Cooperative Co. Watson Faulkner. A. H. Barber Creamery Supply Co. Howell's Microcosm. Illinois Electric Co. Western Valve Co. Henry F. Michell Co. Independent Pneumatic Tool Co. Machinists Supply Co. H. McGlade J. Bishop & Co., Platinum Works The Roessler & Hasslacher Chemistry Co Twin City Electric Co. Tower Mig. & Novelty Co.	Kepairing	12
3095		J. Bisnop & Co., Platinum Works	Chamicals	237
3096 3097		Twin City Floatrie Co	Meteriels	25
3098	uo	Twin City Electric Co	Office supplies	$\begin{array}{c} 5 \\ 22 \end{array}$
			CHICC SHOOMES	44

No.	Date.	To whom.	For what.	Amount
	1913.		,	
O 3099		J. D. White, Postal Clerk	Postage . Supplies Nursery stock Labor, hauling . Laboratory supplies Furniture . Laboratory apparatusdo Shelving . Laboratory supplies Figures . Laboratory supplies Blankets .	\$200 0
O 3100	do	J. D. White, Postal Clerk Browne-Morse Co. John Y. Chisholm, Phoenix Nursery Co. R. C. Wagner & Son. R. H. Linkins. James H. Rice Co. Wm. W. Coblentz. Kimble-Durand Glass Co. Federal Steel Fixture Co. Jos. T. Ryerson & Son.	Supplies	46 3
$0 3101 \\ 0 3102$	do	John Y. Chisnoim, Phoenix Nursery Co.	Nursery stock	16 0 7 5
O 3102 O 3103	do	P H Linking	Laboratory supplies	25 0
0 3104	do	James H. Rice Co	Furniture	50 7
0 3105	do	Wm. W. Coblentz	Laboratory apparatus	45 0
	do	Kimble-Durand Glass Co	do	183
O 3107 O 3108	do	Federal Steel Fixture Co	Shelving	31 0 45 0
O 3108	do	Jos. T. Ryerson & Son	Laboratory supplies	45 0
O 3109 O 3110	do	Chas. K. Schweizer Co	Figures	1 0 2 2 10 4
0 3110	do	Whitall Tatum Co	Laboratory supplies	2 2
0 3111	do	G. U. Willis	Blankets. Meat. Reprints, etc. Charcoal	10 4
O 3112 O 3113	do	University of Chicago Press	Poprints of	14
0 3114	uo	Harris-Dillayou & Co	Charcoal	3 6
O 3114 O 3115	do	Estate Edward R Ladew	Laboratory supplies	1 4 3 ( 9 8
O 3116 O 3117	do	Western Carbon & Ribbon Co.	Carbon paper	31 2
O 3116 O 3117	do	The Weis Mfg. Co	Office supplies	31 2 10 4 6 6
O 3118	do	H. L. Bockfinger	Rubber bands	6 6
0 3119	do	Becker Milling Machine Co	Laboratory apparatus	14 7
O 3120	do	Vaughan's Seed Store	Supplies	12 (
O 3121 O 3122	do	Kimble-Durand Glass Co. Federal Steel Fixture Co. Jos. T. Ryerson & Son. Chas. K. Schweizer Co. Whitall Tatum Co. G. C. Willis. Dallenbach Bros. University of Chicago Press. Harris-Dilavou & Co. Estate Edward R. Ladew. Western Carbon & Ribbon Co. The Weis Mfg. Co. H. L. Bockfinger Becker Milling Machine Co. Vaughan's Seed Store. J. Horace McFarland Co. Novo Engine Co. J. A. Peirce Beers & Clinkenbeard Oldham Brothers. Z. R. Genung. J. T. Baker Chemical Co. The American Multigraph Sales Co. John Reichard World's Scrap Book & Envelope Co.	Laboratory supplies Carbon paper Office supplies Rubber bands Laboratory apparatus Supplies Lantern slides Machine	29 4
0 3122	do	Novo Engine Co	Macnine	18 4
O 3123 O 3124	100v. 21	Boorg & Clinkonhoord	Machine Labor Permiums Water glass Live stock Chemicals Equipment, repairs	3 4 15 (
$0.3124 \ 0.3125$	uudo~	Oldham Brothare	Watar glace	4 5
3126	do	Z R Genung	Tive stock	475 (
0 3127	do	J. T. Baker Chemical Co	Chemicals	475 ( 24 (
O 3128	do	The American Multigraph Sales Co	Equipment, repairs	7 8 699 3 5 7 6 3
O 3128 O 3129	do	Ine American Multigraph Sales Co. John Reichard World's Scrap Book & Envelope Co. Kalamazoo Multicopy Co. Dean Bros. Steam Pump Works Tuttle & Clark E. R. Roysdon. American Blower Co. W. D. Allen Mfg. Co. American-LaFrance Fire Engine Co. American-LaFrance Fire Engine Co. American Radiator Co. American Steam Pump Co. T. J. Colvin. The Dixie Music House F. M. Leslie. The Western Electric Co. Williams Bros. E. M. Moll. C., C., C. & St. L. Ry. Co. Central Union Telephone Co. Western Union Telephone Co. Western Union Telephone Co. Postal-Telegraph-Cable Co.	Corn. Scrap book. Office supplies. Machinery. Blankets. Moving barn and shed. Laboratory apparatus.	699 3
O 3130 O 3131	do	World's Scrap Book & Envelope Co	Scrap book	5 7
	do	Kalamazoo Multicopy Co	Office supplies	6.8
O 3132	do	Dean Bros. Steam Pump Works	Machinery	1 39 8
O 3133	do	Tuttle & Clark	Blankets	14 4
0 3134	do	E. R. Roysdon	Moving barn and shed	45 (
O 3135 O 3136	do	American Blower Co	Laboratory apparatus	45 0 160 0 253 8
O 3136 O 3137	do	American La France Fire Engine Co	Apparatus. Fire extinquishers.	200 6
O 3137 O 3138	do	A marican Radiator Co	Volvas	12 2 16 3
O 3139	do	A merican Steam Pump Co	Vacum numn	20 4
O 3139 O 3140	do	T. J. Colvin	Meat	2 4
O 3141	do	The Dixie Music House	Repairs	57 7
O 3142	do	F. M. Leslie	Supplies	59 8
O 3143	do	The Western Electric Co	Electrical supplies	20 4 57 7 59 8 2 5
0 3144	do	Williams Bros	Enamel	
0 3145	do	E. M. Moll	Repairs	6 6
O 3146 O 3147	do	Control IInion Wolenhams Co	Convice	44
O 3147 O 3148	do	Western Union Telephone Co	40	67 29 3 10 9 2 8 78 1
0 3149	do	Western Union Telegraph Co	do	10 6
0 3150	do	Postal-Telegraph-Cable Co.	do	2 8
O 3151	do	B. A. Strauch	Supplies	78
0.3152	do	U. of I. Supply Store	do	19 (
O 3153	do	Alexander Lumber Co	Lumber	8
3154	do	Western Union Telegraph Co Postal-Telegraph-Cable Co. B. A. Strauch. U. of I. Supply Store. Alexander Lumber Co. Champaign Steam Laundry. Chester Transfer Co. M. A. Donohue & Co. D. T. Dobbins. E. A. Eichhorst. Gym Store. Hunter, Rourke & Co. Knowlfon & Bennett W. Lewis & Co. McIntosh Stereopticon Co. McIntosh Stereopticon Co. Metzler & Schafer Co.	Apparatus Fire extinquishers Valves Vacum pump Meat Repairs Supplies Electrical supplies Enamel Repairs Freight Servicedododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo .	29 4
3155 3156	do	Unester Transfer Co	Horseshoeing, cabs	26
3156	do	M. A. Dononue & Co	Crinding	70 s
3157 3158	do	E A Fighboret	Popoire	10
3158 3159	do	Gym Store	Annaratus sunnlies	16 25
3160	do	Hunter, Rourke & Co	Flooring, lumber	126
3161	do	Knowlton & Bennett	Supplies	7
3162	do	W. Lewis & Co	Cheese cloth	4
3163	do	McIntosh Stereopticon Co	Slide case, etc	10
3164	do	Metzler & Schafer Co	Flour, soap	5 9
3165	doi	Louis F. Nafis	Laboratory supplies	126 4 7 7 7 7 7 7 10 8 10 8 10 8 10 8 10 8 10
) 3166 l	do	McIntosh Stereopticon Co.  Metzler & Schafer Co. Louis F. Nafis. National Engraving Co. Spalding & Quirk. Taylor Hardware Co. Standard Oil Co. Remington Typewriter Co. E. H. Sargent & Co. C. C. Short. Twip City Roofing & Sheet Matal Works.	Zinc etchings. Laboratory supplies. Hardware supplies. Supplies.	13 5
3167 3168	do	Spalding & Quirk	Laboratory supplies	23
3168	do	Taylor Hardware Co	Hardware supplies	17
3169 3170	do do	Pamington Typowriter Co	Supplies. Machines, repairs.	144
3170 3171	ao	E H Sargant & Co	Laboratory supplies	144
3172	do	C. C. Short	Horseshoeing	1 4
O 3172 O 3173	do	Twin City Roofing & Sheet Metal Works	Labor material	31
0 3174	do	C. C. Snort Twin City Roofing & Sheet Metal Works Urbana Courier-Herald. Champaign News. A. C. McClurg & Co. The Creanery Package Mfg. Co.	Machines, repairs Laboratory supplies Horseshoeing. Labor, material Printing Advertising Office supplies. Supplies, repairs	31 7 36 7
O 3174 O 3175	do	Champaign News	Advertising	30 é
O 3176	do	A. C. McClurg & Co.	Office supplies	71 (
O 3177	do	The Creenery Peckers Mfg. Co.	Supplies repairs	43

No.	Date.	To whom.	For what,	Amou
	1913.			
3178 3179	Nov. 21	Central Electric Co Twin City Printing Co John H. Doyle Corbin Cabinet Lock Co. Twin City Roofing & Sheet Metal Works G. E. Stechert & Co. G. C. Willis. Reliable Plumbing & Heating Co Oldham Bros. H. W. Johns-Manville Co. Eugene Dietzgen Co. Eisner Grocery Co. Frison Brothers. T. J. Colvin.	Laboratory supplies	\$ 25
3179	do	Twin City Printing Co	Supplies	(
3180	do	John H. Doyle	Hardware supplies	18
3181	do	Corbin Cabinet Lock Co	Keys	30
$\frac{3182}{3183}$	do	Twin City Rooling & Sheet Metal Works	Repairs	
3184	do	C. C. Willia	Crain hora	1
3185	do	Raliable Plumbing & Heating Co	Laboratory apparatus	1
3186	1. do	Oldham Bros	Rubber gloves	Ť
3187	do	H. W. Johns-Manville Co	Asbestos.	4
3188	do	Eugene Dietzgen Co	Paper	
3189	do	Eisner Grocery Co	Salt	2
3190	do	Frison Brothers	Repairs	١.
3191	do	T J. Colvin	Beef	3
$\frac{3192}{3193}$	do	J. W. Butler Paper Co	Paper	250
3194	do	D H Lloydo	Office gunnling	116 156
3195	do	The Burr Co	Foundry work	119
3196	do	Ideal Electric Co	Electrical supplies	39
3197	do	Illinois State Reformatory	Printing	20
3198	do	Woldenberg & Schaar	Laboratory apparatus	294
3199	do	Peck & Hills Furniture Co	Furniture	88
3200	do	Geo. Banta Publishing Co	Reprints	35
3201	do	Eisner Grocery Co Frison Brothers. T J. Colvin. J. W. Buttler Paper Co. Keuffel & Esser Co. D. H. Lloyde. The Burr Co. Ideal Electric Co. Illinois State Reformatory. Woldenberg & Schaar Peck & Hills Furniture Co. Geo. Banta Publishing Co. Mittendorf & Küler F. S. Campbell. Bryan-Marsh Electric Works. Leavitt Mig. Co. Stipes & Hecker Crane Co. Chas, A. Hall Hardware Co. Physicians' Supply & Drug Co. Geo. E. Brown & Co. Illinois State Reformatory. V. Mueller & Co. A. Daigger & Co. Gameron, Amberg & Co. Marshall Field & Co. Crane Co. A. C. McClurg & Co. Morrison, Plummer & Co. Ahrens & Schreiner The Peoples Gas Light & Coke Co. Bracon Bros. Barnhart Bros. F. E. Roach. E. F. Frame Dental Supply Co.	Files	234
3202	do	P. S. Campbell	Printing	19
$\frac{3203}{3204}$	on	Bryan-Marsh Electric Works	Lamps.	95
$\frac{3204}{3205}$	uo	Stings & Hacker	Sand gravel coment	57 43
3206	do	Crana Co	Plumbing	133
3207	do	Chas. A. Hall Hardware Co	Supplies	100
3208	do	Physicians' Supply & Drug Co.	Laboratory supplies	1
3209	do	Geo. E. Brown & Co.	Printing	252
3210	do	Illinois State Reformatory	do	31
3211	do	V. Mueller & Co	Laboratory apparatus	332
3212	do	A. Daigger & Co	do	320
3213	do	Cameron, Amberg & Co	Printing	60
$\frac{3214}{3215}$	ao	Marshall Field & Co	Linoleum	197
3216		A C McClare & Co	Plumbing materials	96
3217	do	Morrison Plummer & Co	T oberetery graphics	88
3218	do	A brong & Sobrainer	do	6
3219	do	The Peoples Gas Light & Coke Co	Gas	32
3220	do	Chicago Towel Co.	Supplies	42
3221	do	Bacon Bros	Glass	
3222	do	Barnhart Bros	Supplies Furnace, etc	4
3223	do	F. E. Roach.	Furnace, etc	46
3224	do	C. L. Frame Dental Supply Co	Laboratory apparatus	31
$\frac{3225}{3226}$	do	The Ritter Dental Supply House	do	299
3227	do	F. E. Roach. C. L. Frame Dental Supply Co The Ritter Dental Supply House. E. H. Sargent & Co H. W. Johns-Manville Co	Laboratory supplies. Supplies Furniture.	
3228	do	The Inner Braced Furniture Co.	Furniture	46
3229	do	The Inner Braced Furniture Co Ogden Livery & Teaming Co	Hanling	40
3230	do	G. Cramer Dry Plate Co.	Hauling. Laboratory supplies. Supplies Folders	5
3231	_do	Maas Brothers	Supplies.	6
3232	do	The Globe-Wernicke Co	Folders	15
3233	do	The Globe-Wernicke Co. Chicago Watchman's Clock Works H. D. Oberdorfer.		60
3234	do	H. D. Oberdorfer. Goodhart's Laundry Hamblin Plumbing Co. Chicago Telephone Co.	Traveling expenses	1.
3235	do	Goodnart's Laundry	Laundry	56
3236	do	Chicago Tolophone Co	Kepairs	1
$\frac{3237}{3238}$	do	H M Hooker Co	Close	1. 1:
3239		The Charles of Co	Glass	10
3240	do	The star Oil Co. Wanner Machinery Co. McDonough & Co. W. W. Cram Kasen's Express & Van Co. Butler St. Foundry & Iron Co. Riddiford Bros.	Supplies	8:
3241	do	McDonough & Co.	Books.	
3242	do	W. W. Cram	Repairs.	3
3243	do	Kasen's Express & Van Co	Freight, hauling	18
3244	do	Butler St. Foundry & Iron Co	Frame	]
3245	do	Riddiford Bros	Janitors' supplies	33
3246		Colonial Hospital Bupply Co	G10 v G5	10
3247	do	F. G. Hartwell Co	Coal	148
3248	do	Western Fuel Co	do	19
3249	do	Arthur Ochs. McIntosh Stereopticon Co	Painting	5
3250	do	Coo M. Layman	Snaes	55
$\frac{3251}{3252}$	do	Geo. M. Layman	Poultry Labor, materials	50 28
$\frac{3252}{3253}$	do	Williams Bros	Paper	5
3254 3254	do	Whiting Paper Co	PaperCalves	2, 13
3254 3255	do	H. W. Elliott. J. W. Dunlap. E. H. Swigert.	Mason work.	2, 13
			Piano tuning, repairs	

No.	Date.	To whom.  H. L. Bockfinger Ennis Hay Co Durand Steel Locker Co. R. S. Fitch The Coast Products Co. Federal Sign System Guy E. Smith. J. D. Spangler. G. A. Garrison Houser & Sutton Howard C. Butler. C. S. Hill E. C. Faust. Standard Underground Cable Co. Pay roll. Schultze, S. George. Burmeister, W. H. Dreyer, George P. Eycleshymer, A. C. Fantus, Bernard. Gardner, Stella. Gehrman, Adolph. Hakenson, Eric Gosta. Haskell, J. E. Jones, T. S. Lincoln, Mary C. Miller, E. G. Moore, J. J. Rupert, R. R. Small, J. C. Welker, W. H. Bartlett, Dr. Frank Kaiser Siegbahn, Nils Gaffney, Carl O. Davis, D. J. Falls, Frederick H. Bake, L. E. Bernard, F. S. Coolidge, E. D. Dittmar, G. W. Gallie, D. M. Hixson, Arthur Lee, H. C. MoGuire, J. C. MoGuire, J. C. Morehead, F. B. Moorehead, F. B. Moorehead, F. B. Moorehead, F. B. Schultz, Louis Starr, S. P. Pay roll. Hiskey, George M. Pay roll (civil service employees) Arneson, Mabel. Browne, W. H. Cole, H. C. Coles, B. D. Froberg, Eric Holand, J. G. Browne, W. H. Cole, H. W. Coles, B. D. Froberg, Eric House, J. G. Browne, W. H. Cole, H. W. Cole, H. W. Coles, B. D. Froberg, Eric House, J. G. Browne, W. H. Cole, H. W. Coles, H. Coles, H. Coles, B. D. Froberg, Eric House, J. G. Browne, W. H. Cole, H. W. Coles, B. D. Froberg, Eric House, J. G. Browne, W. H. Cole, H. W. Coles, H. Coles, H. Coles, B. D. Froberg, Eric House, J. G. Browne, W. H. Cole, H. W. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H. Coles, H.	For what.	Amoui
	1913.			
3257	Nov. 21	H. L. Bockfinger	Rubber bands	\$ 8
3258	do	Ennis Hay Co	Alfalfa	235
O 3258 O 3259 O 3260 O 3261 O 3262 O 3263 O 3264 O 3265 O 3266 O 3267 O 3268 O 3269 O 3270	do	Durand Steel Locker Co	Lockers	235 43 12
3260	do	R. S. Fitch.	Laboratory supplies	12
3261 3262	do	Fadoral Sign System	Supplies	114 31 60
3263	do	Guy E Smith	T ive steels	31
3264	do	I D Spangler	Annaratus	20
3265	do	G. A. Garrison	Road grader	45
3266	do	Houser & Sutton.	Clover hav	45 951 13
3267	do	Howard C. Butler	Specimens	13
3268	do	C. S. Hill	Piano tuning.	542
3269	do	E. C. Faust	Laboratory supplies	E
3270	do	Standard Underground Cable Co	Cable	542
3271	Nov. 22	Pay roll	November, 1913	3,876
		Schultze, S. George	Salary, November, 1913 \$ 35 00	
	1	Burmeister, W. H	do 166 66	]
		Dreyer, George P	do	
		Dreyer, George P.	do	
	1	Eycleshymer, A. C.	do	
		Candner Ctalls	166 66	i
	į.	Cohrmon Adolph		1
		Hakanson Eric Costo	do 66 66	1
		Haskell I E	do 50 00	l
	}	Tones T S	do 100 22	1
		Lincoln Mary C	do 50.00	
		Miller, E. G.	-do100 00	
	· ·	Moore, J. J.	do	i
		Rupert, R. R.	166 66	
	•	Small, J. C.	do	
		Welker, W. H.	do 208 33	İ
		Bartlett, Dr. Frank Kaiser	do 180 00	
		Siegbahn, Nils	do 60 00	}
		Gaffney, Carl O	do 65 00	İ
		Davis, D. J	do 416 66	
		Falls, Frederick H	do 50 00	
		Bake, L. E.	do	
	}	Bernard, F. S.	do	ļ
		Ditter on Welton		
		Dittmer C W	do 10 00	
	1	Gollia D M	do 83 33	ĺ
		Hixson Arthur	do 60 00	
		Lee, H. C.	do	ĺ .
		McGuire, J. C.	do	Ì
		Moorehead, F. B	do	
		Moorehead, F. B.	do 83 33	1
		Noyes, F. B	do 83 33	
		Schultz, Louis	do	
	_	Starr, S. P.	do 66 66	١
3272	do	Pay roll	November, 1913	45
0070		Hiskey, George M.	Salary, November, 1913 45 00	100
3273	ao	Haglan Louise R	Wages November 1019 FO 00	162
		Ritter Sarah M	40 KU 49 KU	I
	· ·	Klena, Joseph	-do	1
3274	do	Pay roll (civil service employees)	November, 1913	1,163
		Arneson, Mabel	Salary, November, 1913 60 00	,
		Browne, W. H.	do	1
		Cole, H. W	do 60 00	
		Coles, B. D.	do 50 00	
i		Froberg, Eric	do 60 00	
- 1		Hwasser, Anna Julia	do	
- 1		Southwell, James	do 115 00	
		Tomumson, J. S	ao 100 00	
		Allen Tegenhine	uo	
		Rolen Appe P	do 60 00	
		Dovid Echoo	do 45 001	
		Loomis Matta	do 75 00	
		North I W	do 70.00	
		Gubbins Mond	00 00	
		David Paul	do 45 00	
3275	do	Pay roll (civil service employees)	November, 1913	441
32.0		Badel, Nathan	Wages, November, 1913 50 00	
1		Gelda, Isak	do	
1		Tomek, Gertrude	do	
1				

No.	Date.	To whom.	For what.	Amou
	1913.			
3275	Nov. 22	Behegan, Michael J	Wages, November, 1913 \$42 00	
Cld.		David, Simon	do	
		George, Elia	do	
		Josefson, George	do 18 33	
		Kastanes, John. Watson, Ethel Eva.	do	
3276	do	J. D. White, Postal clerk	Postage, etc. 18 00	\$609
3277	do	Florence H. Richards	Lecture	150
3278	do	Florence H. Richards	Expert services	105
3279	do	F. M. Leslie	Plaster casts	37
3280	do	Weil Brothers	Jute packing	. 5
3281	do	Monash-Younker Co	Keys	2
3282	do	S. V. Holt	Traveling expenses	104
3283	do	J. S. Mosier	do	48
3284 3285	do	C. C. Logan	do	19
3286	do	F. W. Washer. H. C. Wheeler.	do	56 45
3287	do	C. C. Chapman	.do	4
3288	do	Geo. B. Brown	Rent	20
3289	do	L. A. Hunter.	Traveling expenses.	8
3290	do	Wilhelm Miller	do	28
3291	do	C. E. Durst	do	11
3292	do	O. S. Watkins.	do	11
3293	do	O. S. Watkins. O. S. Watkins. M. E. Jahr.	Field expenses	56
3294	do	Rolph Choplin	Traveling expenses	7
3295 3296	do	Ralph Chaplin	Field expenses Traveling expense	9 78
3297	do	E. Davenport The Goodline Mfg. Co	Guides.	18
3298	do	E. A. Wilcox Mfg. Co.	Gaskets	3
3299	do	Williams Bros.	Glass	10
3300	do	R. C. Wagner	Grading	9
3301	do	Vanahania Caad Ctara	Supplies	4
3302	do	J. M. Thorburn & Co	Laboratory suppliesLaboratory apparatus	1
3303	do	Gould Storage Battery Co	Laboratory apparatus	2
3304	do	y augman's Seed Store J. M. Thorburn & Co. Gould Storage Battery Co. The Frederick Post Co. Rand, McNally & Co. The John J. Crooke Co.	Supplies	13
3305	do	Rand, McNally & Co	Map.	1
3306 3307	do	D C Women & Gen	Tinfoil	16
3308	do	R. C. Wagner & Son. Ingram-Richardson Mfg. Co. Ernst Leitz.	Coal Table top	8 11
3309	do	Ernst Leitz	Laboratory apparatus.	21
3310	do	The Illinois Printing Co	Printing	11
3311	do	Sanford E. Thompson	Laboratory apparatus	7
3312	do	Uni-File Mfg. Co	Cabinets	92
3313	do	Jesse Jones Paper Box Co	Boxes	32
3314	do	The Illinois Printing Co. Sanford E. Thompson. Uni-File Mfg. Co. Jesse Jones Paper Box Co. Federal Chemical Co.	Table top Laboratory apparatus. Printing. Laboratory apparatus. Cabinets. Boxes. Supplies. Apparatus, supplies. Wheat hran	274
3315	do	Federal Chemical Co. Albert Pick & Co. Geo. E. Amsbary. W. T. Robinson E. S. Lyons. Pattengale Bros. Metzler & Schafer Co. A. S. Nalson & Sons	Apparatus, supplies	33
3316 3317	do	W. W. Dobinson	Wheat bran. Printing Straw	3 2
3318	do	F. S. Tarone	Straw	18
3319	do	Pattangala Bros	Meal	2
3320	do	Metzler & Schafer Co	Meal Groceries	116
3321	do	A. S. Nelson & Sons	do	
3322	do	A. S. Nelson & Sons.  Dricer-Harris Wire Co.  George Cutter Co.  Johnson Bros.  American Steam Pump Co.  Secretary of State.  Soft Water Laundry.  Frank A. Somers.  Urbana Courier Co.  National X-Ray Reflector Co.  Progressive Construction Co.  The Carson-Payson Co.  Sanford Mfg. Co.	Wire	8
3323	do	George Cutter Co	Switchboard	90
3324	Nov. 25	Johnson Bros	Plumbing supplies	80
3325	do	American Steam Pump Co	Copy of bill	72
3326	ao	Secretary of State	Toundaring	1 1
$\frac{3327}{3328}$	do	Fronk A Somers	Labor material	18
3328	do	Urbana Courier Co.	Printing	12
3330	do	National X-Ray Reflector Co	Apparatus	34
3331	do	Progressive Construction Co	Concrete walk	42
3332	do	The Carson-Payson Co	Plumbing materials	8
3333	do	Sanford Mfg. Co	Office supplies	
3334	do	Western Carbon & Ribbon Co	Ribbons	_8
3335	do	Tower Mfg. & Novelty Co	Omce supplies	51
3336	do	Fuller & Fuller Co	Laboratory supplies	31
3337	ao	J. F. Peterson	Traveling expenses	3
3338	00	Augusta D. Evans. Bausch & Lomb Optical Co	Laboratory supplies	96
3339 3340	ao	Champaign Rottling Works	do	90
3340	do	Champaign Bottling Works The Roessler & Hasslacher Chemical Co. Westinghouse Electric & Mfg. Co	.do	13
3342	do	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	14
3343	do	Hoskins Mfg. Co	Repairs	2
3344	do	Hoskins Mfg. Co	Wire cages	10
3345	do	Armour Glue Works	Glue	54
3346	do	Armour Glue Works. (Various school superintendents). National Biscuit Co.	Copying lists	11
3347	do	National Biscuit Co	Supplies	1
3348	o.b	Jewell Belting Co	do	19

No.	Date.	To whom.	For what.	Amoun
	1913.			
3349	Nov. 25	The Ludlow Valve Mfg. Co	Plumbing supplies	\$ 170
3350   3351	do	Harris & Mead Hinds, Noble & Eldredge. Ernst Leitz. The University Press. Morrisson, Planul Ge	Book	1
3352	do	Ernst Leitz	Laboratory apparatus.	1, 293
3353	do	The University Press	Card board	1,200
3354	do	Morrisson, Plummer & Co	Laboratory supplies	1
3355	do	John V. Farwell Co	do	.5
3356   3357   3	do	Corgon Pirio Scott & Co	Dlatos	17 1
3357 3358	do	The Adder Machine Co	Ribbons	i
3359	do	Poster Advertising Co.	Advertising	5
3360	do	Commercial Telephone & Telegraph Co	Service	6
3361	do	Flora Lumber Co	Lumber	6
3362	do	M. S. Wyman	Shoeing norses	3
3363 . 3364 .		A Pickering & Son	Labor meterial	16
3365	do	H. N. Parker	Traveling expenses	3 25
3366	do	Frank Turner	do	5
3367	do	E. A. Holbrook	do	2
3368	do	G. W. Sheldon & Co	Freight and charges	, 14
3369	do	Frank Zercher	Materials	1 3 15
3370 3371	do	Standard Oil Co	Oil	10
3372	do	Pay roll	November, 1913	59 62
00.2		Williams, A. E	Salary, Nov. 15-30, 1913. \$62 50	1
3373	do	Pay roll	November, 9913	6,059
		Andrews, J. B	Wages, November, 1913 \$ 50 00	
		Ansen, Julius	do	1
		Beginnont, G. S	do 45 00	
1		Bennett, W. L.	do	
1		Burwash, A. E	do 55 00	
		Bunch, Mamie	do	1
[		Burdick, I. F	do	
I		Corlson M P	do 40 00	
1		Cate H A	do 70 00	
		Chapman, C. C.	do	
		Crouch, H. E	do	
1		DeWeff, J. H.	. do	
1		Dunlap, B. H.		li li
		Engle, Kaipii	do 70.00	
1		Fullenwider, T	do	)
1		Garver, Earl	do	)
1		Grantham, G. M	. do 50 00	)
1		Hampton, John	. do 65 00	2
ŀ		Harry, W. L.	- 00 83 33	
}		Jensen C. C	do 55 00	SI .
1		Jones, Garfield.	do	6
1		Ernst Leitz. The University Press Morrisson, Plummer & Co. John V. Farwell Co. Fairbanks, Morse & Co. Carson, Pirie, Scott & Co. The Adder Machine Co. Poster Advertising Co. Commercial Telephone & Telegraph Co. Flora Lumber Co. M. S. Wyman. Alex. Harmon & Son. A. Pickering & Son. H. N. Parker. Frank Turner E. A. Holbrook. G. W. Sheldon & Co. Frank Zercher. Eugene Dietzgen Co. Standard Oil Co. Pay roll. Williams, A. E. Pay roll. Andrews, J. B. Ansen, Julius. Badges, C. J. Beaumont, G. S. Bennett, W. L. Burwash, A. E. Bunch, Mamie Burdick, I. F. Campbell, C. A. Carlson, M. R. Cate, H. A. Chapman, C. C. Crouch, H. E. DeWeff, J. H. Dunlap, B. H. Engle, W. J. Fullenwider, T. Garver, Earl Grantham, G. M. Hampton, John Harry, W. L. Hunter, L. A. Jensen, J. M. Jonimette, N. H. Palfrey, J. R. Pine, Fred Reed, Alice. Rigg, C. L. Romine, J. F. Stark, R. W. Starto, M. J. Cook, J. Sesse.	. do 60 00	
- 1		Lawson, H. C.	. do 55 00	2
1		Lindgren, J. M.	. do	2
- 1		Onimette N H	do 50 00	
		Palfrey J. R	- do 75 00	ś
		Pine, Fred	do	6
		Reed, Alice	do 55 00	)
-		Rigg, C. L.	. do	2
		Sims Flore M		<u> </u>
		Smith J. F	do	3
- 1		Stark, R. W.	do	ól
		Torgerson, E. F	. do 50 00	)
		Tornglest, Andrew	. do	?
		Waiters, Philip	. do	{
1		Barto, Lucy M	do 20 00	íl .
		Chaplin, Ralph	do 60 00	j
ŀ		Conley, M. J	do 75 00	
1		Cook, Jesse	. do 55 00	2
		Crawtord, T. P	do	
I		Goodsneed W S	do	
		Harrolle, Claude	do	ól
ļ		Argo, Roy Barto, Lucy M Chaplin, Ralph Conley, M. J Cook, Jesse Crawford, T. P Foor, H Goodsneed, W. S. Harrolle, Claude Hough, William Jenkins, Elmer Kelley, J. R.	do	3
]		Jenkins, Elmer	do	) .
- 1		Kellev. J. R	. do 57 50	וו

No.	Date.	To whom.	For what.	Amour
	1913.			
3373		McIntire, W. A	Wages, November, 1913 \$50 00	
Cld.		Meenach, Earl	do 65 00	
		Meenach, O. E	do	
	}	Moore, P. O	do	
		Morgan, J. E. Patterson, Will. Pergande, R. Pritchard, H. Dritchard, H.	do	
	ļ	Parganda R	do	ł
		Pritchard H.	do	
	1	Pritchard, R	ido 60 00	}
	<b> </b>	Rhoads, Hazel	do 60 00	ł
	1	Rose, M. D	do	
	1	Sprinkle, D. C	do 50 00	Í
	1	Stoneburner, A. J	do 50 00	)}
	1	Swearingen, Daisy O	do 50 00	i
		Wilson, R. W	do65_00	4
	1	Atkinson, O. G	do	1
	l .	Brown, C. F	45 00	1
	1	Browne, E. J	45 00	1
		Coffor I II	45 00	il .
	l	Conrad Emma	do 25 00	1
	1	Cummings I S	do 45.00	
	}	Curry, Florence J.	1.do	il
		Dale, Fred	do	ıl
	Į.	Pergande, R Pritchard, H Pritchard, R Rhoads, Hazel Rose, M. D Sprinkle, D. C Stoneburner, A. J Swearingen, Daisy O Wilson, R. W Atkinson, O. G Brown, C. F Browne, E. J Brayles, W. H Coffey, J. H Conrad, Emma. Cummings, J. S Curry, Florence J Dale, Fred. Engle, Lawrence. Grabbe, Florence H Hamiln, Clyde Hamiln, Clyde Hamm, Charles Hamiln, Hiram Herbert, J. J Jensen, George Lankford, R. A Lowery, Kathryn McQueen, H. D Marshall, Samuel A Miller, W. W Mink, George. Mink, J. D Moore, H. E Nesbit, Lawrence. Pergande, Charles Glinn Peterson, A. C Proesel, William Redman, Louise E Reynolds, Elizabeth Mrs Sanders, J. F Shaffer, Guy Shipman, Cash Shue, Lizzie B, Mrs Stives, M. F Anderson, J. C Clarke, Ethel Diekman, T. W Glover, R. C Johns, W. E Stoutzenberg, Florence Bacon Bros Ideal Electric Co W. W. Walls & Co. The Chas, A Hall Hardware Co	do	ol .
	ļ	Grabbe, Florence H	do 50 00	ıl .
	1	Hamlin, Clyde	do 50 00	1
	1	Hamm, Charles	do	1
	]	Hamlin, Hiram	do 43 33	1
	1	Ham, Raymond	do	'i
		Heath, William	do 50 00	1
	1	Herbert, J. J.	do 85 00	1
	1	Jensen, George	47 50	1
	1	Lankiord, R. A	45 00	3
		McOusen H. D.	do 47 50	1
		Marchall Samuel A	do 20 77	
	ł	Miller W W	do 75 00	\l
	1	Mink George	do 47 50	1
		Mink, J. D.	do	il .
	1	Moore, H. E.	do 50 00	
,	1	Nesbit, Lawrence	do 50 00	)
	1	Pergande, Charles Glinn	do	)
	1	Peterson, A. C	do	){
	1	Proesel, William	. do	)
		Redman, Louise E	do 60 00	2]
		Reynolds, Elizabeth Mrs	45 00	2)
	1	Shoffer Corr	do 47 50	3)
		Shipman Coch	do 45 00	
		Shua Lizzia R Mrs	do 40 00	
		Stives, M. F	do 00	íl.
	1	Anderson, J. C.	do	il .
	1	Clarke, Ethel.	do	)
	1	Diekman, T. W	do	
		Glover, R. C	do 50 00	)
	1	Johns, W. E.	do 37 50	)
	1 -	Stoutzenberg, Florence	do25 00	)
$\frac{3374}{3375}$	do	Bacon Bros.	Supplies	\$ 14
3375	do	Ideal Electric Co. W. W. Walls & Co. The Chas. A. Hall Hardware Co.	do	33
$\frac{3376}{3377}$	do	W. W. Walls & Co	Lumber	. 6
3378	do	The Chas. A. Hall Hardware Co	Class	. 4
3379		Knowlton & Bennett S. E. Huff & Co.	Tohor motorial	15
3380	do	A. B. Dick Co.	Office supplies	54
3381	l. do	Underwood Typewriter Co	Machine paper	102
3382	do	Hektograph Mfg. & Duplicator Co	Duplicator refilled	7
3383	do	Hektograph Mfg. & Duplicator Co. Chester Transfer Co.	Horseshoeing, etc.	53
3384	do	J. W. Butler Paper Co	Paper.	188
3385	do	P. S. Campbell	Printing	55
3386	do	Hunter, Rourke & Co	Lumber	16
3387	do	G. C. Willis	Supplies	5
3388 3389	do	H. Mueller Mfg. Co	do	71
3389	do	Bryan-Marsh Electric Works	Lamps	71
<b>3</b> 390	do	F. J. Burns & Co	Turtles	5 2 26
3391	do	W. Lewis & Co	Toweling	2
3392 3393	ao	Chester Transfer Co.  J. W. Butler Paper Co. P. S. Campbell. Hunter, Rourke & Co. G. C. Willis. H. Mueller Mfg. Co. Bryan-Marsh Electric Works. F. J. Burns & Co. W. Lewis & Co. James B. Clow & Sons. Eisner Grocery Co. Chas. C. Smith.	supplies	26
3393 3394		Char C Smith	Gignala	24
	ju0	onas. o. omini	loignais	2

No.	Date.	To whom.  Goldham Bros. Rockwell Barnes Co. National Blank Book Co. H. L. Bookfinger. H. W. Johns-Manville Co. Central Electric Co. John H. Doyle. Mittendorf & Kiler. Twin City Roofing Co. D. H. Lloyde. Taylor Hardware Co. Western Electric Co. Percival & Moorehead. Woldenberg & Schaar Hibbard, Spencer, Bartlett & Co. Keuffel & Esser Co. Illinois State Reformatory. Jas. H. Rice Co. Dallenbach Bros. Scientific Materials Co. The Storrs & Harrison Co. Benjamin & Wilson. B. F. Stevenson & Son. Derrough & Co. Benjamin & Wilson. B. F. Stevenson & Son. Derrough & Co. Sprague, Warner & Co. E. H. Sargent & Co. Stebbins Hardware Co. V. Mueller & Co. H. M. Hooker Co. A. C. McClurg & Co. Morrison, Plummer & Co. C. L. Frame Dental Supply Co. Crane Co. Twin City Printing Co. Mittendorf & Kiler. Flanigan-Pearson Co. The U of I. Supply Store E. H. Sargent & Co. Leavitt Mfg. Co. Peck & Hills Furniture Co. Jacobus Printing Co. Mostyle Co. Underwood Typewriter Co. Colonial Hospital Supply Co. Spencer Lens Co. Whitall-Tatum Co. International Magazine Co. The Chinese Students' Monthly. Com. W. H. Beehler, U. S. Navy. Max Weg. W. H. Pearce & Co. Equitable Surety Co. Mass Brothers. The Van Everen Co. Illinois Tree Expert Co. J. P. Weaver Merck & Co. Ernst Léitz D. T. Dobbirs. Henry J Green Doubleday, Page, & Co. Burroughs Adding Machine Co. Underwood Typewriter Co. Jens F. Fumpleby. Champaign Steam Laundry Merck & Co. Erst Léitz D. T. Dobbrs. Henry J Green Doubleday, Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co. Henry A. Page, & Co.	For what.	Amoun
	1913.			
3395	Nov. 25	Oldham Bros	Supplies	\$ 2 5 2 6 151 96
3396 3397	do	Rockwell Barnes Co	Books	5
3397 3398	do	H. L. Rockfinger	Rubber hands	8 6
3398 3399 3400 3401 3402 3403	.do	H. W. Johns-Manville Co	Laboratory apparatus.	151 8
3400	do	Central Electric Co	Supplies	96
3401 3402	do	John H. Doyle	Hardware	104 ( 26 8 37 8 37 8 95 ( 49 8 265 8 1 25 8
3402	do	Mittendorf & Kiler	Shades, furniture	104
$\frac{3403}{3404}$	do	D H Lloyde	Supplies	20 6
3405	do	Taylor Hardware Co.	do	37
3406	do	Western Electric Co	Electric supplies	95
3407	do	Percival & Moorehead	Supplies	49
3408	do	Woldenberg & Schaar	Laboratory supplies	265
3409	do	Hibbard, Spencer, Bartlett & Co	Supplies	1 1
$\frac{3410}{3411}$	do	Illinois State Reformatory	Printing	100
3412	do	Jas. H. Rice Co	Glass	10
3413	do	Dallenbach Bros	Meat	10 9 67 8
3414	do	Scientific Materials Co	Laboratory apparatus	160
3415	do	The Storrs & Harrison Co	Nursery stock	156
3416	do	Benjamin & Wilson	Horseshoeing	27
3417	do	B. F. Stevenson & Son	supplies	160 156 27 8 8 4 1, 122
3418 3419	do	Pannett's Newspaper & Magazine A ganey	Subgarintions	1 100
3420	do	Trying-Pitt Mfg. Co	Binders	1, 122
3421	do	Sprague, Warner & Co	Supplies	10 3
3422	do	E. H. Sargent & Co	Laboratory supplies	3
$\frac{3423}{3424}$	do	Stebbins Hardware Co	Ladders, etc	5
3424	do	V. Mueller & Co	Laboratory apparatus	54
3425	do	H. M. Hooker Co	Glass, etc	3 ( 54 ) 15 ( 2 ) 283 ( 38 ) 298 ( 44 )
3426 3427	do	Morrisson Plummor & Co	L oborotory supplies	002
3428	do	C. L. Frame Dental Supply Co	Supplies	38 9
3429	do	Crane Co.	Materials	298 6
3430	do	Twin City Printing Co	Printing.	44
3431	do	Mittendorf & Kiler	Linoleum	56
3432	do	Flanigan-Pearson Co	Printing	56 1 189 9 36 8
3433	do	The U. of I. Supply Store	Office supplies	36 3
3434 3435	do	E. H. Sargent & Co	Laboratory supplies	39 7
3436	do	Peck & Hills Furniture Co	Dasks atc	39 7 40 1 149 5 6 8
3437	do	John Davis	Books.	5 6
3438	do	Heath & Milligan Mfg. Co	Supplies.	6 8
3439	Nov. 26	Jacobus Printing Co	Card board	2 ( 10 5
3440	do	Neostyle Co	Stencil	10 5
3441	do	Underwood Typewriter Co	Repairs	5 ( 45 7 250 (
$\frac{3442}{3443}$	do	Colonial Hospital Supply Co	Laboratory supplies	950 (
3444 3444	do	Whitall-Tatum Co	1 do	68 6
3445	do	International Magazine Co	Subscriptions	1 2
3446	do	The Chinese Students' Monthly	-d0	îi
3447	do	Com. W. H. Beehler, U. S. Navy	Book	Ĩ (
3448	do	Max Weg	Books	50 C
3449	do	W. H. Pearce & Co	Freight agents	1,003 5
3450	do	Steel & Lawson	Laboratory supplies	1,003 5
3451 3452	do	Moog Brothers	Supplies	5 (
3453	do	The Van Everen Co	Gummed labels	71 1 4 0
3454	do	Illinois Tree Expert Co	Tree surgery	684 4
3455	do	J. P. Weaver	Corn boxes	684 4 34 (
3456	do	Merck & Co	Laboratory supplies	8 7 222 2
3457	do	Ernst Leitz	Laboratory apparatus	222 2
3458	do	D. T. Dobbins	Grinding corn	4 2
3459 3460	do	Doubledon Bogo & Co	Thermometers	8 3 10 7
3461	do	Henry A Dreer Inc	Supplies	6 6
3462	do	Burroughs Adding Machine Co	Stand	10 0
3463	do	Underwood Typewriter Co	Machine	21 7
3464	do	Jas. F. Umpleby	Fencing.	161 2 72 1
3465	do	Champaign Steam Laundry	Laundry	72 1
3466	do	Merck & Co	Laboratory supplies	15 8
3467	do	The Tablet & Ticket Co	Supplies	1 4
3468 3469	do	Fly Carriage Shop	Renairing	291 7 11 0
3470	do	McIntosh Stareonticon Co	Пораницу	13 5
3471	do	American Southdown Breeders' Assn	Registrations	40 5
3472	do	Kutz Stationery Co	Stationery	105 1
3473		The Linde Air Bredwete Co	Laboratory gunnling	3 2

No.	Date.	To whom.	For what,	Amoui
	1913.			
3474	Nov. 26	Alexander Lumber Co	Coal	\$ 8
3475 3476 3477	do	The Leeds & Northrup Co	Laboratory apparatus. Repairs Laboratory supplies. Towels Laboratory apparatus. Photos Laboratory suppliesdo: Stencil Apparatus Laboratory apparatus. Book Zine etching Book Case	24
3476 3477	do	Souveur & Poyleton	Leborotory symplica	46
3478	do	Marshall Field & Co	Towels	171
3479	do	Machinists Supply Co	Laboratory apparatus	20
3480	do	Geo. A. Smith	Photos	2
3481	do	Illinois Glass Co	Laboratory supplies	6
3482	do	Hand-Craft Appliances Co	do	6 16
3483 3484	do	Neostyle Co	Stencil	1
3484	do	Twin City Roofing Co	Apparatus	13
3485	do	General Electric Co	Laboratory apparatus	13
3486 3487	00	National Engraving Co	Zine stehing	3
3488		Morong & Co	Book	20 16
3489	do	The L S Starrett Co	Casa	16
3490	do	John Swaney	Case Field rental	36
3491	do	C. H Morrison	do	100
3492	do	H. Mueller Mfg. Co	Plumbing supplies	2
3493	do	J. B. Andrews.	Traveling expenses	100 2 22
3494 3495	do	F. D. Voris & Sons Co	Apples	4
3495	do	The Guide Publishing Co	Subscription	2
3496 3497		O F Shehe	Horse bire	2
3497	uo	Alexander Lumber Co. The Leeds & Northrup Co. The Standard Calorimeter Co. Sauveur & Boylston. Marshall Field & Co. Machinists Supply Co. Geo. A. Smith. Illinois Glass Co. Hand-Craft Appliances Co. Neostyle Co. Twin City Roofing Co. General Electric Co. D. Appleton & Co. National Engraving Co. Morang & Co. The L. S. Starrett Co. John Swaney. C. H. Morrison. H. Mueller Mfg. Co. J. B. Andrews. F. D. Voris & Sons Co. The Guide Publishing Co. Chicago Calcium Light Co. O. E. Shobe. Ennis Hay Co. Bausch & Lomb Optical Co. Marine Biological Laboratory. Library Burean. G. E. Stechert & Co. Cy. C, C. & St. L. Ry. Co. The Wabash R. R. Co. C. C., C., C. & St. L. Ry. Co. The Wabash R. R. Co. The Wabash R. R. Co. The Wabash R. R. Co. Co. Twin City Ice & Cold Storage Co. Ogden Livery & Boarding Stable E. H. Sargent & Co. A. C. McClurg & Co. G. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Stapl	Case Field rentaldo. Plumbing supplies Traveling expenses. Apples. Subscription Hydrogen. Horse hire Alfalfa. Laboratory supplies. October, 1913 Wages, Oct. 9, 1913. \$66 66 Freightdodododododododododododododododododododododododododododododododododododododododododododododododododo. Books. Coupon book. Removal of debris. Laboratory supplies. Books. Sundry bills Express bills. Student labor Chemicals. Repairs. Apparatus Labor and material Books. Books. Bindiers.	200
3499	do	Bausch & Lomb Optical Co	Laboratory supplies	200
3500	do	Marine Biological Laboratory.	.do	25 37
3501	do	Library Bureau	Office supplies	3
$\begin{array}{c} 3501 \\ 3502 \end{array}$	do	G. E. Stechert & Co	Books	62
3503	do	Pay roll (addendum to civil service)	October, 1913	62 66
		Lonius, J. O	Wages, Oct. 9, 1913 \$66 66	
3504	do	Illinois Central R. R. Co	Freight	52 33
3505	do	C., C., C. & St. L. Ry. Co	do	33
3506 3507		The Wabash R. R. Co	do	100
3508	do	Arthur H. Clark Co.	Rooks	108 29
3509	do	Twin City Ice & Cold Storage Co	Coupon book	25
3510	do	Ogden Livery & Boarding Stable	Removal of debris	20
3511	.do	E. H. Sargent & Co	Laboratory supplies	ĩ
3512	Nov. 28	A. C. McClurg & Co	Books	145
3513	do	G. E. Stechert & Co	do	291
3514	do	Ernst Hertzberg & Sons	Binding	229 45
3515	do	Joseph Baer & Co	Books	45
3516	do	O. E. Staples, Bursar	Sundry bills	141
3517	do	O. E. Staples, Bursar	Express bills	230 230
3518 3519		Mallingkrodt Chamical Works	Chamicals	15
3520	do	Powers Regulator Co	Renairs	5
3521	do	The H. & M. Div. Taylor Instrument Co.	Apparatus	4
3522	do	Freeman & Brooks	Labor and material	8
3523	do	Arthur H. Clark Co	Books.	503
3524	do	Gaylord Bros	Labor and material Books. Binders. Coal Furniture Bulletins. Materials. General labor Express bills.	503 4
3525	do	Harris-Dillavou & Co	Coal	9 56
3526	do	Economy Drawing Table Co	Furniture	56
3527	ao	Copper County Commercial Club	Dunetins	1
3528 3529	do	O E Stanles Burger	Canaral labor	18 314
3530	do	O. E. Staples, Dursar	Evnrage hills	914
3531	do	O. E. Staples, Bursar	Express billsdo. General labor Sundry bills Student labor Threshing. Traveling expenses. Field expenses. Traveling expensesdodoservice.	23 97
3532	do	O. E. Staples, Bursar	General labor	140
3533	do	O. E. Staples, Bursar	Sundry bills	20
3534	do	O. E Staples, Bursar	Student labor	458
3535	Nov. 29	Wm. Parkin	Threshing	10
3536	do	E. E. Hoskins	Traveling expenses	29
3537	do	Chas. A. Campbell	Field expenses	62
3538 3539	do	Hoppigan Fohrnkonf	Traveling expenses	38 15
3540	ob	H D Duels	do	
3540 3541	uo	The Western Union Telegraph Co	Sarvica	6
3542	do	Crane Co.	Plumbing materials	115
3543	do	F. A. Pearson	Traveling expenses	115 67
3544	do	J. F. Hayford	. do. Service. Plumbing materials Traveling expenses. Lecture expenses.	6
3545	do	The Tablet & Ticket Co	Figures	2
3546	do	Standard Oil Co.	Oil	4
3547	do	Knowlton & Bennett	Lecture expenses. Figures. Oil. Glue. Ledger cards. Locks. Frield expenses. Pencils.	2
3548	do	Illinois State Reformatory	Ledger cards	3
3549	do	Percival & Moorehead	Locks	3 7
3550	do	Wm. Webb	Field expenses	66
3551	L.do	A. Daigger & Co	Pencils	7

No.	Date.	To whom.	For what.	Amou
	1913.	Ella R. Michaels Schneider Brothers Heroules Chemical Works Ahrens & Schreiner American-LaFrance Fire Engine Co Chicago Telephone Co Ur of I. Supply Store A. L. Moats C. C. Logan H. J. Snider F. W. Wascher H. C. Gilkerson Alexander H. Revell & Co Hamblin Plumbing Co The Globe Wernicke Co V. Mueller & Co Commonwealth Edison Co D. H. Lloyde D. S. Campbell	Gowns. Laboratory apparatus Metal polish Sugar Fire apparatus. Building materials Service Office supplies Field expenses Traveling expensesdodododotosis Fiels Laboratory apparatus. Electric power Office supplies Fritting Shades, repairs Fritting Pans, etc. Laboratory supplies	
3552 3553	Nov. 29	Ella R. Michaels	Gowns	\$ 70
3553	do	Schneider Brothers	Laboratory apparatus	77
3554	do	Hercules Chemical Works	Metal polish	5
3555	do	Ahrens & Schreiner	Sugar	49
3556	do	American-LaFrance Fire Engine Co	Fire apparatus	49
3557	do	H. W. Johns-Manville Co	Building materials	11 18
3558	do	Chicago Telephone Co	Service	18
3559	do	U. of I. Supply Store	Office supplies	10
3560	do	A. L. Moats	Field expenses	59
3561	do	C. C. Logan	Traveling expenses	23 12
3562	do	H. J. Snider	do	12
3563	do	F. W. Wascher	do	57
3564	ao	H. C. Glikerson	do	20
3565	do	Alexander H. Revell & Co	Stools	160
3566	do	Hamblin Plumbing Co	Plumbing	384 28
3567	do	The Globe Wernicke Co	Files	28
3568	do	V. Mueller & Co	Laboratory apparatus	352
3569	do	Commonwealth Edison Co	Electric power	263
3570	do	D. H. Lloyde	Office supplies	68 <b>2</b> 5
3571	ao	D. H. Lloyde P. S. Campbell Mittendorf & Kiler Flanigan-Pearson Co	Frinting	25
3572 3573	do	Mittendori & Kiler	snades, repairs	132
3573	do	Flanigan-Pearson Co	Printing	135
3574	do	Barnnart Bros	rans, etc	17
3575	do	Flanigan-Pearson Co. Barnhart Bros. E. H. Sargent & Co. S. E. Huff & Co. Woldenberg & Schaar John H. Doyle Taylor Hardware Co. Central Electric Co. The Chas. A. Hall Hardware Co. Eisner Grocery Co. B. F. Stevenson & Son. A. S. Nelson & Sons. H. A. Aldrich & Co.	Pans, etc Laboratory supplies. Lumber Laboratory supplies. Supplies. do	47 30
3576	do	D. E. HUII & CO	Lumber	30
3577	do	Toba II Dowle	Laboratory supplies	124 1
3578 3579	do	Dowler Handwore Co	puppites	
3580		Cartari Electric Co	Jgo	
3581	do	Central Electric Co	Tan makk and	17 5
	do	The Chas. A. Hall Hardware Co	do	4
3582	do	Elsiler Grocery Co	Cogoline etc	9
3583	do	B. F. Stevenson & Son	Gasonine, etc	2
3584	do	A. S. Nelson & Sons	Supplies	0.45
3585	do	H. A. Aldrich & Co. Wilson Brothers Benjamin & Wilson Twin City Printing Co. Geo. B. Carpenter & Co. G. C. Willis Edward Pennock	T i him	347
3586	do	Wilson Brotners	Densing	34 20
3587	do	Benjamin & Wilson	Repairs	20
3588 3589	do	Twin City Printing Co	Printing	7
3589	do	Geo. B. Carpenter &Co	Laboratory supplies	
3590	do	Tidential Developer	Supplies	28 18
3591	do	Edward Pennock	Laboratory apparatus	16
3592	do	W. J. Boenm.	T about our gumpling	10
3593	do	T. C. Carrith & Progr. Themselves Co	Dentale	19
3594 3595	do	A manisar Multimant Galar Co	Denoise	16
3596	do	Whitell Meture Co	Gunnling	10
3597	do	Fuller & Fuller Co	T above town gumpling	10
3598	do	Empet T oits	Clide horrer	17 28
3599	do	A brong & Cabrainay	Laboratory supplies	20
3600	do	F V Doboson	Townling	135
3601	do	T Dighon & Co. Distinum Works	Dlatinum dichae	400
3602	do	B & Groon President	Rant of land	40
3603	do	Houser & Sutton	Clover how	259
3604	do	H. C. Wheeler	Traveling expenses	44
3605	do	R W Dickenson	do	76
3606	do	Howard C. Sides	Field expenses	76 23
3607	do	Geo. B. Carpenter & Co. G. C. Willis Edward Pennock W. J. Boehm Hoffman & Kropff Chemical Co. L. C. Smith & Bros. Typewriter Co American Multigraph Sales Co Whitall Tatum Co Fuller & Fuller Co. Ernst Leitz Ahrens & Schreiner F. K. Robeson J. Bishop & Co., Platinum Works B. S. Green, President Houser & Sutton H. C. Wheeler R. W. Dickenson Howard C. Sides H. H. Stoek Physicians' Supply & Drug Co. V. Mueller & Co. Arthur G. Eldredge W. A. Ruth Carroll J. Badger Olive Percival A. W. Nolan Orr M. Allyn L. Hegmauer H. C. Wheeler R. W. Dickenson Cincinnati Symphony Orchestra Geo. Conover R. W. Stark Harry C. Gilkerson Harrison Fahrukopf Geo. Conover C. W. Crabtree Wm. Powell Geo. Conover C. W. Crabtree Wm. Powell Geo. Conover C. C. C. & St. L. Ry. Co Illinois Central R. R. Co Wabash R. R. Co	Rentals Repairs Supplies Laboratory supplies. Slide boxes Laboratory supplies Toweling Platinum dishes Rent of land Clover hay Traveling expenses do Field expenses Laboratory supplies Traveling expenses Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Traveling expenses Field expenses Fraveling expenses Fraveling expenses Lectures Traveling expenses Field expenses Traveling expenses Contract	14
3608	do	Physicians' Supply & Drug Co	Laboratory supplies	145
3609	Nov. 28	V. Mueller & Co.	Laboratory apparatus	86
3610	do	Arthur G. Eldredge	Traveling expense	26
3611	do Dec. 3	W. A. Ruth	Field expenses	18
3612	Dec. 3	Carroll J. Badger	Traveling expenses	13
3613	do	Olive Percival	Lectures	18 48
3614	do	A. W. Nolan	Traveling expenses	66
3615	do	Orr M. Allyn	Field expenses	107
3616	do	L. Hegnauer	Traveling expenses	-0.
3617	do	H. C. Wheeler	do	34
3618	do	R. W. Dickenson	do	36
3619	do	Cincinnati Symphony Orchestra	. do	1,200
3620	do	Geo. Conover	Rent of land	88
$\frac{3620}{3621}$	do	F. W. Wascher	Traveling expenses	45
3622	do	Robert W. Stark		10
3623	do	Harry C. Gilkerson	do	36
3624	do	Harrison Fahrnkonf	0D	36
3625	do	Geo. Conover	Hauling	1
3625 3626	do	C. W. Crabtree	Field expenses	36
3627	do	Wm Powell	do	36 31
3627 3628	do	C., C., C. & St. L. By Co	Traveling expensesdododododododo	151
3629 3630	do	Illinois Central B. R. Co	do	87
0000	do	TIT-11-D. D. O.	do	28

No.	Date.	To whom.	For what,	Amoun
0001	1913.	Pow roll	Name	211 22
3631	Dec. 5	Pay roll Beckman, Louis John	Wages, November, 1913 \$ 67 00	\$11,351
		Booker, A. J. Boyce, Will Allen. Boyer, G. W. Brumley, C. A. Campbell, Mathew. Carothers, Cevilla. Carson. Rolla A.	do	ó
		Boyce, Will Allen	do	
	1	Boyer, G. W	do	
	1	Campbell, Mathew	do	
		Carothers, Cevilla Carson, Rolla A Cheever, J. W Clancy, Frank Clancy, Harry Collins, A. L Craig, J. D Crawford, R. W Davis, Edward Doyle, Bernard English, B. F Ensor, Russell Frabert, H. F Fechtruph, Herman Fiscus, J. C Fox, Guy Franklin, F. T Glenn, David Glenn, V. S Griffin, G. C Hanson, Samuel	do	
	i	Carson, Rolla A	do 59 20	0
	ł	Cheever, J. W	do 50 00	
		Clancy Horry	do	
	i i	Collins, A. T.	do	
	1	Craig, J. D.	do 86 00	0
	1	Crawford, R. W	do	
	1	Davis, Edward	do	
	1	English R F	.do	
		Ensor, Russell	.do	
	1	Fabert, H. F	do 49 0	
		Fechtruph, Herman	do	
		For Guy	do	
	}	Franklin, F. T.	do	
		Glenn, David	do 50 0	0
	i .	Glenn, V. S.	.do	
		Griffin, G. C.	do	
		Hooker Fred	do	
	{	Hooker, W. A.	do	
		Hoover, F. F.	do 62 2	6
		Hudnut, Hale M	.do	
		James, L. E	do	
		Jones James E	do	
		Kliem, J. A. J.	do	
	1	Long, J. F	do	0)
		Lyons, T. M.	. do	
		McFadden, W. J	do	
		Matteon C. E.	do	
	i	May, U. G.	do	
	-	May, Vernon	. do	
	}	Meyers, Jesse	. do 61 1	
		Moody D. T.	do 60 2 49 0	
	1	Moore, C. P.	do	0
	ļ	Nelson, C. Q	do	0
	1	Ollis, A. W.	. do	
	1	Read R T.	do	
		Shipley, J. E.	do 48 0	
		Shriver, Alonzo L	do	5
		Smalley, C. F	. do	
		Shook, Urval	. do	
		Glenn, David Glenn, V. S. Griffin, G. C. Hanson, Samuel. Hooker, Fred. Hooker, Fred. Hooker, F. F. Hudnut, Hale M James, L. E. Johnson, C. C. Jones, James E. Kliem, J. A. J. Long, J. F. Lyons, T. M. McFadden, W. J. Manley, Verna. Mattoon, C. E. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U. G. May, U.	do	
		Stearns, L. M.	do	0
		Surbaugh, C. A		0
		Thomas, Walter	. do 54 6	
	1	Trimble W W	do	
		Utterback, Oliver J.	do	
		Vandeventer, J. H	do	
	1	Waldo, Francis Joseph	. do	
		Walters, Prentice Therman	. do	
		Wells Teddie Edwin	. do	
		Wilson, Charlie	do	
		Gundloch, Charles	do	10
	1	Porter, S. A.	. do	
		Van Gundy, Harvey	. do	
		Atwell M W	do	
		Bailey, J. E	do	
		Barnes, V. R.	. do	0
	}	Wells, Teddle Edwin Wilson, Charlie Gundloch, Charles. Porter, S. A. Van Gundy, Harvey Arrington, C. E. Atwell, M. W Bailey, J. E. Barnes, V. R. Brown, Basil Brown, Harry Bullock, D. M	do	4
	1	Brown, Harry	do	
	ì	Bunock, D. M	. do 65 7	0

No.	Date.	To whom.	For what.	Amoun
	1913.			
	Dec 8		Wages, November, 1913 \$ 64 63	
Ctd.		Ceduskey, John	do	
		Crathorné, F	do	
1		Cunningham, F. Davis, Joseph	do	
i		Dibble, E. P	ao 80 96	
i		Fay, T. J	do 93 00	
i		Fay, T. J. Fender, Fred. Fender, Louie. Fiscus, J. J. Fogarty, F. Fogarty, W. Freeman, C. Y. Graybeal, W. H. Hamlin, Sell Hargan, E. Henderson, T. O. Hill, Charles. Hixon, W. G. Hunt, Oscar L. Hutton, Ross Irvine, Frank Irvine, Frank Irvine, Frank Irvine, James Jones, Margaret Justus, E. W. Langhoff, A. Langhoff, Fred Lewis, E. C. Litton, A. C. Long, Thomas McAllister, A. J. McCulough, James McClughen, Mrs. F. E. M. Magnuson, A. O. Mahorney, H. H. Meenach, O. E. Meneely, Dan Miller, C. M. Morgan, J. E. Morgan, J. E. Morgan, J. E. Morgan, Rebecca Murphey, Ruthe Nagle, Sybil Newton, J. R. Nikolaus, Jacob Perry, F. M. Purkins, J. F. Quinn, William Richards, Ed. Ryan, Mary E. Servis, A. Sinclair, C. R. Smith, W. J. Snyder, J. Stateler, F. Templin, William Tilloison, I. F.	do 78 30	l
		Fender, Louie	do	
l		Fiscus, J. J.	do	
		Fogarty, F	do	
		Fromon C V	do	
		Graybaal W H	.do	ĺ
		Hamlin Sell	.do	
		Hargan, E	do	ļ
.		Henderson, T. O.	do	
		Hill, Charles	do 92 25	ļ
Ι.		Hixón, W. G	do 50 00	
		Hunt, Oscar L	do 27 60	ĺ
		Hutton, Ross	do	
- 1		Irvine, Frank	do.,	
		Tryine, James	do	
		Justine F. W	do	
- 1	•	Langhoff A	do	
		Langhoff, Fred	.do	
1		Lewis, E. C.	do	
		Litton, A. C.	do	
		Long, Thomas	do 82 62	
		McAllister, A. J	do 78 96	
		McCulough, James	do 59 18	
		McClughen, Frances	do 42 50	
		McClughen, Mrs. F. E. M	do 11 63	
		Magnuson, A. O	do 80 00	
		Manorney, H. H	do	
		Meenach, O. E	do	
1		Meller C M	do 67 62 do 53 76 do 70 00	
		Moran A	do 70.00	
		Morgan I E	.do	
Ì		Morgan, Rebecca.	do	
		Murphey, Ruthe	do	
		Nagle, Sýbil	do	
		Newton, J. R	do 83 04	
		Nikolaus, Jacob	do	
		Perry, F. M.	do	
-		Purkins, J. F	do	
- 1		Picharde Ed	do	
		Ryan Mary E	.do	
		Sarvis A	.do	
1		Sinclair, C. R.	.do	
		Smith, W. J.	do 113 57	
		Snyder, J	do 52 50	
- 1		Stateler, F	do 70 84	
İ	i	Templin, William Tillotson, I. F Toy, George Turner, George	do 82 12	
		Tillotson, I. F	do	
- 1		Toy, George	do	
		Turner, George	do	
		warmoier, August	81 30	
	- 1	Weaver, M. C	do	
		Wilde William	.do	
	1	Wilde, William Wilson, Frank Brannigan, John	do	
1	1	Brannigan, John	.do	
		Disoway, M. D.	do 100 00	
	•	Disoway, M. D	.do 90 00	
	I	Fitch, H. H.	.do 75 00	
	1	Gibson, A. E.	do	
		Geist, H. F	.do 90 00	
}		Haynes, J. K	.do 80 00	
}		McFadden, E. C	.do 75 00	
.		MOIIII, J. A	.do	
		kachwalski, J	.do	
		Fist, B. E. Fitch, H. H. Gibson, A. E. Geist, H. F. Haynes, J. K. McFadden, E. C. Moffit, J. A. Rachwalski, J. Wakely, A. W. Almond, H. Bagusin, A. Baldwin, L. S.	.do 80 00	
		Aumond, H	.do	
	1	Dagusiii, A	do 18 00	
1	Į.	ракимш, д. б	.do	

No.	Date.	To whom.	For what.	Amou
	1913.		ı	
3631		5 Barkman, C. P.	Wages, November, 1913 \$17 20	
Ctd.	1			
	1	Barnhardt, Pearl. Berringer, Harriet. Bevis, Ledru. Britton, W. E. Blum, W. J. Brown, John Brown, Ralph Powers Brown, Kenneth. Brownhald Lelah	do 18 50	
	[	Berringer, Harriet	do	
	l	Bevis, Ledru	do 10 80	
		Britton, W. E	do	
	i	Blum, W. J	do	
		Brown, John	do3 60	
	ļ	Brown, Ralph Powers	do	
	Į.	Brown, Kenneth	do	
	1	Brownfield, Lelah	do 11 38	
		Burst, S. H. Cavette, Erle. Cleghorn, Belle.	do	
	1	Cavette, Erie		
		Clegnorn, Belle	do	
	1.	Clements, O. R	100	
		Dale, J. H.	do	
	į.	Danielson, R. R. Davis, Leonard H.	do	
		Davis, Leonard H	do 15 60	
	i	Davis, Russei	ao	
		Dorris, H. W.	do 10 17	
		English, H. M.	do	1
	1	Eschauzer, L. Farley, F. W.	do	
		Fariey, r. W	do	l
		Farley, F. W. Fisher, C. R. Foster, D. D. Foulk, Claude. Funk, F. W. Gage, James Howard. Galpin, Stella. Gideon, C. R. Goebel, J. Gould, John. Halliday, Ruth.	do	1
	l	Forth Claude	do 10 90	1
	İ	Funk Ciaude	do	Į
	ļ	Funk, F. W	do 26 95	
		Gales Govern	do	
		Gidage C. B.	do	
		Grabel T	13 00	
		Goodel Tabas	do	
	l	Gould, John	do	
		Halliday, Ruth	do 13 40	
	ĺ	Hart, P. M.	do	ĺ
		Harting, Mildred	do	ĺ
		Harwood, S. D.	do 26 25	ĺ
	l	Hanquest, Mrs. A. L	do	ĺ
	1	Hensnaw, Amy	do	1
,	ì	HIII, U. F	10 00	ĺ
	1	Humora, C. T.	do	ĺ
		Hugnes, C. A.	do	ĺ
		Inagaki, N	do 22 30	i
		ingalis, Horace	do 17 25	
		Jones, W. O	do	İ
	1	Jones, W. R.	do	ĺ
		Kelley, A. P.	do	İ
	1	Kelley, H. P.	do 14 00	ĺ
		Kennicott, Sylvia	do	ĺ
	l	Kirkpatrick, F. A.	do 18 60	İ
		Kisselburg, K. M.	do 12 50	ĺ
		Larson, Martna	do	ĺ
		Linder, Lewis	do	ĺ
		Lingley C M	do	Í
	• •	Lundavist U T	do 10 75	1
		McCobo C T	do	
		McChee O M	do	1
		MoVer T N	do 15 40	1
		Magmider Donton	do 7 00	
		Menn Edith	do	1
		Mottoon E W	do 5 95	1
- 1		Molta Nothen	do 1 80	i
1		Milligan Edna	do 15 00	
		Miller E D	do 6 40	
- 1		Minor II W	do	!
1		Millon C A	do 16 28	
]		Morrig Alico	do	
į		Morrison W D	do	
1		Manager Tohn	do	
1		Munson, John	do	
1		Maron Modes	do 17 38	
1		Myers, Madge	do 5 40	
- 1		Myers, Kachei	do 2 20	
1		Neison, C. R.	do 15 90	
		Neison, M	do	
- 1		Gould, John. Halliday, Ruth Hart, P. M. Hartting, Mildred. Harwood, S. D. Hallquest, Mrs. A. L. Henshaw, Amy. Hill, C. F. Hufford, C. T. Hufferd, C. T. Hughes, C. A. Inagaki, N. Ingalls, Horace. Jones, W. O. Jones, W. O. Jones, W. R. Kelley, A. P. Kelley, H. P. Kemicott, Sylvia Kirkpatrick, F. A. Kisselburg, K. M. Larson, Martha Linder, Lewis Lindsey, G. H. Linsley, C. M. Lundquist, H. J. McCabe, C. L. McCabe, C. L. McCabe, C. L. McCabe, C. M. Magruder, Denton Mann, Edith. Mattoon, E. W. Meltz, Nathan Millier, F. R. Miller, F. R. Miller, F. R. Miller, F. R. Miller, G. A. Morris, Alice. Morrison, W. R. Munson, John Murphy, E. F. Myers, Madge, Myers, Rachel Nelson, C. R. Nelson, P. S. Newman, F. A. Nickolls, C. R. Nixon, R. H. Odell, Arthur	do	
- 1		Newman, F. A.	do 16 45	
-		Nickolls, C. R.	do	
ł		Nixon, R. H.	do 21 80	
		Odell, Arthur	do	

No.	Date.	To whom.	For what.	Amour
	1913.	Osborne, Pauline. Ordonez, B. R. Paine, Olive. Peterson, Reuben W. Questel, B. H. Rehling, Charles. Richardson, H. R. Ropiequet, W. C. Rugg, Earl V. Salsbury, G. W. Secor, E. C. Semple, Arthur. Shaffer, R. F. Scott, S. E. Skemp, S. C. Slater, M. E. Skemp, S. C. Slater, M. J. Stearns, C. G. Sterenberg, Bert. Stevenberg, Bert. Stevenberg, R. M. Stilwell, Helen Stockfieth, Berger Sutherland, G. F. Thomas, E. W. Thurston, H. W. Timmins, H. A. Tuthill, J. K. Vanderoook, H. P. VanNatter, F. M. Wagner, R. R. Wallage, S. T. Warinner, Charles Wham, Benjamin Williams, E. C. Wilson, A. D. Winquist, S. V. Wood, H. F. Pay roll. Pay roll. Eldredge, A. G. Weil Bros. H. W. Johns-Manville Co. O. E. Staples, Bursar		
3631	Dec. 5	Osborne, Pauline	Wages, November, 1913 \$ 9 00 do	
Cld.		Ordonez, B. R	do	
		Patarson Rauban W	do	
		Questel, B. H.	do	
		Rehling, Charles	do	
		Richardson, H. R	do	
	l	Ropiequet, W. C	do	
	1	Rugg, Earl V	do	
		Secor E C	do	
		Semple, Arthur	do	
		Shaffer, R. F	do	
		Scott, S. E	do 12 00	
		Skemp, S. C	do	
		Smith M T	do	
		Stearns, C. G	do	
	_	Sterenberg, Bert	do	
		Stevens, R. M	do 15 75	
	1	Stilwell, Helen	do	
	1	Stockfieth Berger	do	1
	1	Thomas E W	do10 50	
	1	Thurston, H. W.	.do	
		Timmins, H. A.	do	
		Tuthill, J. K	do 11 11	
		Vandercook, H. P.	do	
		VanNatter, F. M	do 13 80	
	1	Wagner, R. K.	do	
	l	Warinner Charles	do	
	1	Wham, Benjamin.	do	
		Williams, E. C.	do 8 20	
		Wilson, A. D.	do 19 08	
		Winquist, S. V	1 60	İ
3632	do	W 000, H. F	.do 7 00	\$ 45
0002		Potter Mahel	Salary Nov 13-30 1913	40 20
			at \$75.00 per month 45 00	
3633	do	Pay roll	October, 1913	46
		Eldredge, A. G	Salary, Oct. 27–31, 1913,	i
3634	Dec. 6	Weil Bros	at \$250.00 per month. 46 29 Plumbing supplies	37
3635	do	H. W. Johns-Manville Co	Supplies	19
3636	do	O. E. Staples, Bursar	Student labor	19 441
3637	do	O. E. Staples, Bursar	General labor	438
3636 3637 3638 3639 3640 3641 3642	do	Albert Tate	Field work	66
3639 3640	do	Mercan Wenths	Sundries and express	17
3641	do	W W Walls & Co	Lumber	F16
3642	do	L. C. Smith & Bros.	Typewriter	716 35
3643	do	The Burr Co	Foundry supplies	200 200
3644	do	J. D. White	Office supplies	200
3645	do	wm. Aten, Sr	Field Work.	24
3646 3647	do	Weil Bros H. W. Johns-Manville Co. O. E. Staples, Bursar O. E. Staples, Bursar Albert Tate. O. E. Staples, Bursar Meyer Wenthe W. W. Walls & Co. L. C. Smith & Bros. The Burr Co. J. D. White. Wm. Aten, Sr G. C. Willis Scientific Materials Co. C. E. Burkhart. National Engraving Co. Library Bureau Oldham Bros. Demonstrator's Assn. of Ill Nick Starck & Sons.	Plumbing supplies Supplies Supplies Student labor General labor Field work Sundries and express Office supplies Lumber Typewriter Foundry supplies Office supplies Field work Bunting, ribbon Chemistry Field work Zinc etchings Office supplies Supplies Initiation fee Services	24 12 97
3648	do	C. E. Burkhart.	Field work	11
3649	do	National Engraving Co	Zinc etchings.	33
3650	do	Library Bureau	Office supplies	28 15 25
3651	do	Oldham Bros.	Supplies	15
3652	do	Demonstrator's Assn. of Ill	Initiation iee	46
3653 3654	do	Mrs F D Michals	Services. Operating gowns.	
3654 3655	do do Dec. 8	Western Fuel Co.	Fuel.	228 399
3656	Dec. 8	F. G. Hartwell Co.	Coal	399
3657	do	Spencer Lens Co	Laboratory supplies	80
3658 3659	do	R. L. Polk & Co.	Laboratory supplies. Office supplies. Laboratory supplies. Building construction.	11
3659 3660	do	C. L. Frame Dental Supply Co	Building construction	10
3661	do	V. Mueller & Co	Laboratory apparatus	14
3662	do	Max Weg	Library books	51 14 159
3663	do	S. O. Andros	Laboratory apparatus Library books Traveling expenses	15
3664	do	Geo. W. Medley	do	1 39
3665	do	Geo. W. Matheney	do	26 35
3666 3667	do	Demonstrator's Assn. of Ill Nick Starck & Sons Mrs. E. R. Michals. Western Fuel Co. F. G. Hartwell Co. Spencer Lens Co. R. L. Polk & Co C. L. Frame Dental Supply Co. E. L. Sommers. V. Mueller & Co. Max Weg. S. O. Andros. Geo. W. Medley. Geo. W. Metheney J. W. Nave. O. S. Fisher. H. J. Snider. Wm. Cooper & Nephew	do	35
1000	μαο	U. D. FISHER	Field expenses	33 24
3668				

Date.	To whom.	For what.	Amount
1913.			
0 Dec.	8 The Standard Calorimeter Co	Laboratory apparatus	\$ 24 4
1do	Frank Morgan	Field expenses	32 0
2do	S. V. Holt, and party J. E. Whitchurch	Traveling expenses	126 3
3do	J. E. Whitchurch	Field expenses	38 8
4do	J. W. Smith.		92 80
5do 6do	Henry Pfau D. O. Barto W. D. McKee A. W. Nolan	.	39 7
o  ao	. D. O. Barto.	Traveling expenses	15 6
7do	- W. D. MCKee	Dectures	10 0
8do	A. W. Nolali	Traveling expenses	11 1
9do		Expenses.	5 4
30  do	Pasher M. C.	Worse Name 1913	1,129 5
	Booher, M. C. Brannigan, John. Corson, A. J. Dunseth, J. M. Gundlock, Charles. MacMillion, Lee	wages, November, 1913.\$ 80 40	İ
ł	Corgon A T	do 40.00	
1	Dungoth I M	do 25 60	
1	Cundled Charles	do 3 66	
	MacMillian Tax	3 00	
1	MacMillon, Lee	do	1
	Miller, J. H	. do 70 50	
1	Saudweil, Martin		
1.	Sowers, A. S.	. do	
	Small M M	do	
	Von Cunder II		
- 1	MacMillion, Lee MacMillion, Lee Miller, J. H Sandwell, Martin Sowers, A. S Sayer, Clint Small, M. M VanGundy, H Pollard, Charles	do	
1	Roldwin T C	do	
1	Blookburn F T	do	
l l	Ronhom W M	do	
1	Buelder C W	do	
1	Pollard, Charles Baldwin, L. S. Blackburn, F. J. Bonham, W. M. Buckler, C. W. Campbell, M. H. Cox, C. G. Hitchcock, E. W. Horning, R. A. Howe, H. E. Kircher, Otis.	do	
	Cov C G	do	
1	Hitchcook F W	do	
	Horning D A	do	
1	Howe U F	do	
	Kircher Otic	do	
	Lamb Grover	do	
	Loggit Fronk	do	
	Lorch Edward	do	
1	Kircher, Otis. Lamb, Grover. Leggit, Frank. Lerch, Edward. Lowe, Lucy.	do	
İ	Maxwall Loclia	do	
l	Maxwell, Leslie. Miles, J. P.	13 25	
	McConnel, I. M.	do	
	McConnel, I. M. Price, C. B. Taylor, W. M. Voght, E. Zaleski, P. J. Pay roll. Filbey, E. J. James, Edmund J. Frazer, George E.	do 8 40	
	Taylor W M	do 15 50	
1	Voght, E	do	l
1 '	Zaleski, P. J	do	
1do	Pay roll	December, 1913	83,621 7
	Filbey, E. J.	Salary, Décember, 1913. 183 33	1
	James, Edmund J	do	
1	Frazer, George E Smith, Adelle C. (Student)	do300 00	
1	Smith, Adelle C. (Student)	do	
	Kinley, David	do 83 33	
	Harker, O. A	do 83 33	
	Fair, Sue M	do 80 00	
1 .	Fiero, E. E. (Student)	do 50 00	
1	Warnock, A. R.	do 150 00	
1	Kyle, Martha J	do 50 00	
	Strong, Lillian	do 50 00	
	Carrithers, I. R	do 60 00	
1	Fargo, R. N.	do 120 00	
į	Gill, H. L	do 220 00	
1	Huff, G. A.	do 416 66	
1	Jones, R. R.	do 120 00	1
1	Manley, E. J	do 90 00	
1	Pengilly, H. E	do 10 00	
	Jones, R. R. Manley, E. J. Pengilly, H. E. Brooks, Verna.	do 90 00	
ĺ	Gaut, Rosa Lee	do 40 00	
ſ	Gaut, Rosa Lee Hitt, Agnes Hughitt, Anna L	do	
	Hughitt, Anna L	do 100 00	
1	Landee, Marion C	do	
1	Landee, Marion C. Moulton, Gertrude E. Shoemaker, Dorothy-Ruth.	do 133 33	I
- 1	Shoemaker, Dorothy-Ruth	do 70 00	
i	Webster, F. D	.do	1
1	Hollister, H. A.	.do 270 83	
1	Ayer, T. P. (Student)	do 70 00	
	Bollman, Minnie J. (Student)	do	
	Snoemaker, Dorothy-Ruth Webster, F. D. Hollister, H. A. Ayer, T. P. (Student). Bollman, Minnie J. (Student). Branch, Nelle E. (Student). Breedis, John (Student). Britton, Floyd Evanston (Student). Christy, Glen (Student).	do	
1 .	Breedis, John (Student)	. do 18 00	
	Britton Floyd Eveneton (Student)	do	1
	Christy, Glen (Student)	do	1

No.	Date.	To whom.	For what.	Amour
	1913.			
3681	Dec.	8 Craig, Jennie A.	Salary, December, 1913. \$ 80 00	1
Ctd.		Drury, F. K. W. Dunlap, Fannie (Student)	do	
		Eppinger, J. G. (Student)	do	
		Felsenthal, Emma	do	
		Felsenthal, Emma. Fontaine, E. O. (Student).	do	ı
		Gibson, Mable H. (Student) Goulding, P. S. Herdman, Margaret. Hedmeld Joseph	do27 50	
		Goulding, P. S.	do	
		Hodnefield Tecch	do	
		Hubbard, Marie E. (Student)	do	
		Hutchins, Margaret	do	
		Janvrin, Charles	do	i
		Johnson, Alice	do 83 33	
		Jutton, Emma R	do 100 00	ł
		Kalser, J. B	150 00	
		Leatherman Marian	do	
		Mitchell, Marguerite (Student)	.do	
	1	Patton, Adah	do	
	1	Renich, Katharine Louise (Student)	do 30 00	l.
	ļ	Torrance, Mary	do 75 00	
		Troy, Mary Z. (Student)	do	
	į	Wyoth Ole M	do	
		Eldredge A G	do	
		Kelley, R. L. (Student)	do	
		Rice, G. B	do	l l
	ľ	White, J. M	do	i i
	1.	Checkley, J. H.	do 83 33	Į.
		Evans, Augusta D	do	
	1	Millor W D	do	
		Nolan A W	.do	1
		Rankin, F. H.	do	
		Allyn, Orr	do	ŀ
		Aumer, J. P	do 150 00	¥
		Bauer, F. C.	do	
		Brungen A M	do	
		Burlison W L	do	
	1	Clevenger, C. B	do	
	l	Dickerson, I. W	do 133 33	ł
	ĺ	Dickinsln, R. W	do	
	Ì	Ebersol, E. T.	do	
	1	Ellia O T	do	i
		Fahrnkonf H. F. T	do	
	}	Fisher, F. A.	do 100 00	
	ĺ	Fisher, O. S.	do 208 33	1
	1	Garrett, F. W	do 100 00	
		Fontaine, E. O. (Student) Golbson, Mable H. (Student) Goulding, P. S. Herdman, Margaret Hodnefield, Jacob. Hubbard, Marie E. (Student) Hutbhins, Margaret Janvrin, Charles Johnson, Alice. Jutton, Emma R. Kaiser, J. B. Karsten, Eleanor G. Leatherman, Marian Mitchell, Marguerite (Student) Patton, Adah Renich, Katharine Louise (Student) Torrance, Mary Troy, Mary Z. (Student) Windsor, P. L. Wyeth, Ola M. Eldredge, A. G. Kelley, R. L. (Student) Rice, G. B. White, J. M. Checkley, J. H. Evans, Augusta D. Jamison, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H. Adlyn, Orr. Aumer, J. P. Bauer, F. C. Binding, L. R. Brunson, A. M. Burlison, W. L. Clevenger, C. B. Dickerson, I. W. Dickinsin, R. W. Ebersol, E. T. Eckblaw, K. J. T. Eckblaw, K. J. T. Ellis, O. 1. Fahrnkopf, H. F. T. Fisher, F. A. Fisher, O. S. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Gustaison, A. F. Heck, A. F. Hegnauer, Leonard Holt, S. V. Heschins, E. E. Jahr, M. E. Leighty, W. R. Logan, C. C. Mosier, J. G. Niederman, Gertrude. Park, J. B. Pettit, J. H. Reed, C. O. Sachs, W. H. Schoonover, W. R. Smith, L. H. Shider, H. J. Stewart, H. W. Van Alstine E. T.	do	
		Gillarson H C	do	
•		Gustafson, A. F	do	
		Heck, A. F.	do	
	1	Hegnauer, Leonard	do	ļ
	1	Holt, S. V.	do	
	1	HOSKINS, E. E.	do	
	l	Laighty W D	do	
		Logan C. C.	do150 00	
	1	Mosier, J. G.	do	
	l	Niederman, Gertrude	do 100 00	į .
		Park, J. B	do	
	ļ	Pood C O	do	1
	l	Sachs W H	do	1
	1	Schoonover, W. R.	.do	1
		Smith, L. H.	do	1
	1	Snider, H. J.	do	l
	]	Stewart, H. W	do 150 00	
	1	VanAlstine, E. T.	do	
•		Walworth, E. H	do	
		Wheeler H C	do	
	1	Smith, L. H. Snider, H. J. Stewart, H. W. VanAlstine, E. T. Walworth, E. H. Wascher, F. M. W. Wheeler, H. C. White, E. A. Whiting, A. L. Barto, D. O.	do	1
	]	Whiting, A. L.	do	
	1	Barto, D. O.	do	

No.	Date.	Bull, Sleeter Carmichael, W. J. Coffey, W. C. Edmonds, J. L. Hall, L. D. Handschin, W. F. Mitchell, H. H. Mumford, H. W. Newlin, C. I. Place, V. A. Rusk, H. P. Simpson, F. M. Smith, W. H. Wells, J. R. Yoke, J. J. Brand, R. E. Clark, E. M. Crandall, W. T. Fraser, W. J. Harding, H. A. Hulce, R. S. Keller, O. A. Lang, LeRoy Parker, H. N. Pearson, F. A. Rushe, H. A. Yapp, W. W. Aust, F. A. Blair, J. C. Bole, S. J. Colby, A. S. Dorner, H. B. Durst, C. E. Foglesong, L. E. Gardner, J. J. Gunderson, A. J. Harper, Julia A. Hoffman, R. W. Hutchinson, James Lloyd, J. W. Miller, Wilhelm Muncie, F. W. Nehrling, A. H. Peltier, G. L. Pickett, B. S. Rees, C. C. Robinson, C. M. Root, R. R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. Bevier, Isabel Crigler, Nina B. Fleming, Georgia. Goldthwaite, Nellie Gray, Cora E. Harrison, Florence. Parsons, Maud. Pincomb, Helena M. Seymour, Lurene. Stevens, Grace E. Wheeler, Ruth McIntosh, Donald Richards, C. R. Ash, Percy. Burton, S. C. Culark, S. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J. M. Kelhog, J	For what.	Amoun
	1913.			
3681	Dec. 8	Bull, Sleeter	Salary, December, 1913. \$133 33	3]
Ctd.		Carmichael, W.J	00	2
	1	Edmonds T I.	do 208 35	31
	1	Hall L D	do 112.50	il .
		Handschin, W. F	do 200 00	ól –
		Mitchell, H. H.	do 133 33	3 .
	1	Mumford, H. W	do 416 66	6
		Newlin, C. I	do 100 00	)
		Place, V. A	do 100 00	2
	1	Rusk, H. P.	do	[[
		Simpson, F. M	do	
	1	Smith, W. H	120 00	21
		Wells, J. R.	1	:[
		Brand D F	do 175 00	
		Clark E M	175 OC	
		Crandall W T	do 150 00	SI.
	1	Fraser, W. J.	do	il .
		Harding, H. A	do	3
		Hulce, R. S.	do	3
		Keller, O. A.	do 91 66	3
	1	Lang, LeRoy	do 175 00	)
		Parker, H. N.	do 200 00	)
	1	Pearson, F. A.	do 91 66	
		Ruene, H. A.	do	
		Yapp, W. W	do 91 bt	21
		Rloir T C	116 66	2
	}	Bolo S T	do 150 00	(1
	١.	Colby A S	do 60.00	1
	1	Dorner, H. B.	do 250 00	l .
		Durst, C. E.	do 150 00	)
	l	Foglesong, L. E.	_do 116 66	s[
	1	Gardner, J. J.	do 100 00	) į
	1	Gunderson, A. J.	do 100 00	)
		Harper, Julia A	do 65 00	)
		Hoffman, R. W	do	)]
	1	Hutchinson, James	do 100 00	?
	1	Lioyd, J. W	291 00	31
		Miner, Wilhelm		{ <del>}</del>
		Nahrling A H	do 150 00	31
	}	Peltier G L	do 83 33	
		Pickett, B. S	do 250 00	il
		Rees, C. C.	.do	5
	1	Robinson, C. M	do 100 00	ol .
	į.	Root, R. R.	do 208 33	3
	l	Ruth, W. A	do 150 00	)[
	1	Sayre, C. B	do	)[
	i	Smith, F. A. C.	do	2]
	l	watkins, O. S	ao	()
	Į.	Crigler Nine P	ao	[]
	l	Floming Georgie	do 100 or	(1
		Goldthweite Nellie	do 187 50	()
		Grav Cora E	do 116 66	()
	l	Harrison, Florence	do 100 00	il
	l	Parsons, Maud	116 66	3
	1	Pincomb, Helena M	do	3j
	ļ	Seymour, Lurene	do 150 00	)
		Stevens, Grace E	do 110 00	)
		Wheeler, Ruth	do	
		McIntosh, Donald	do208 33	3
	1	Kicnards, C. R.	ao	?]
		ASII, Percy	do	3
	l	Clark C P	140 U	()
	1	Corrubio A R M	160 of	3
	1	Cowley F V	do 190 00	()
	ŀ	Fehrenkamp, Winifred	do 70 00	íl
	ļ	Forsythe J. H.	do 150 00	íl .
		Jones B. T	do 160 00	íl –
		Kellogg, J. M	do 150 00	j
	ł	Kimball, A. H.	do 150 00	)
		Provine, L. H.	do	3
	I	Ricker, N. C.	do	3 .

No.	Date.	To whom.	For what.	Amou
	1913.			
<b>3</b> 681	Dec. 8	Titcomb, W. C	Salary, December, 1913. \$175 00	
Ctd.		Wells, N. A. Baker, I. O. Bowling, B. L. Davis, R. E. Garver, N. B. McDaniel, A. B. Parcel, J. I. Pickels, G. W.	do	
		Baker, I. O.	do	1
		Bowling, B. L	do	
		Davis, R. E	do	
		Warver, N. B.	do 229 16	
	'	Doroel I I	do	
	1	Pickels, G. W	1. do	
		Raynor, W. H. Smith, J. E	.do	
		Smith, J. E. Wiley, C. C. Wilson, M. W. Biegler, P. S. Brooks, Morgan. Bryant, J. M. Frisk, I. W. James, L. V.	.do	İ
		Wilson M. W.	do 183 33	
		Biegler, P. S.	do 166 66	
		Brooks, Morgan	do 250 00	
	1	Bryant, J. M	do 229 16	
		Fisk, I. W	do 133 33	
		Jamés, L. V	do 133 33	
		Knight, A. R	do 150 00	
	l	Loring, F. C.	do	İ
		Paine, E. B.	do	
	1	Waldo, E. H.	do	l
		Chittenden A V	do	[
		Dunn H H	do	
		James, L. V Knight, A. R Loring, F. C Paine, E. B Waldo, E. H Abrams, D. A. Chittenden, A. K Dunn, H. H Keller, H. B Kratz, A. P McFarland, D. F Moore, H. F Slater, W. A Vedder, J. N Yensen, T. D Beach, Robin Crane, Rufus	do	
		Kratz A. P.	do133_33	
	1	McFarland, D. F.	do	
		Moore, H. F.	do	ŀ
		Slater, W. A	do 150 00	ŀ
		Vedder, J. N	do 133 33	١.
		Yensen, T. D	do 133 33	
	1	Beach, Robin	do 120 00	1
		Crane, Rufus	do 100 00	1
		Jordan, H. H	do	
		Miller, H. W	do 183 33	
		Nelson, W. S.	do	
		Porter, F. M.	do	
		Stoward D V	do141_66	
		Crane, Kulus Jordan, H. H. Miller, H. W. Nelson, W. S. Porter, F. M. Rugg, H. O. Steward, R. K. Benedict, B. W. Dent, J. A. Domonska A. B.	_do	
		Dent J A	do 150 00	
		Domonske, A. B.	do	
		Duncan, J. M	do 90 00	1
		Eames, H. S	do 140 00	
	1	Duncan, J. M. Eames, H. S. Gross, G. A. Frisk, J. A.	do 150 00	
	l	Frisk, J. A	do	
	ľ			l
		Goodenough, G. A		
		Harding, L. A	do	
	1	Goodenough, G. A Harding, L. A Kennedy, R. E Lamham, E. T	do	l
		Lautwiler O A	do	l
		Leutwiler, O. A. Pendleton, J. C.		!
		Radehaugh G H	do110_00	l
		Rebman, P. J.	do	
		Pendleton, J. C. Radebaugh, G. H Rebman, P. J. Richards, C. R. Scroggin, D. L Torrance, F. C. Waterfall, H. W Willard, A. C. Andros, S. O. Holbrook, E. A. Stock, H. H	do	1
		Scroggin, D. L.	do	1
		Torrance, F. C.	do	1
	1	Waterfall, H. W	do 130 00	1
	1	Willard, A. C	do 200 00	1
	1	Andros, S. O.	do	l
	İ	Holorook, E. A.	do	l
	1			
	1	Young, L. E.	do	1
	1	Boomsliter G P	do	1
		Babbitt, H. E. Boomsliter, G. P. Enger, M. L.	.do	
	1	Ensign N. E	:.do	1
	Į.	Fleming, V. R.	_do150 00	l
		Gardner, Harry	.do	l
	1	Gonnerman, H. F.	do	l .
	1	Noerenberg, C. E	do	Ì
	Į.	Ensign, N. E Fleming, V. R. Gardner, Harry Gonnerman, H. F Noerenberg, C. E Seely, F. B. Talbot, A. N.	do 170 00	
		Talbot, A. N	do	1
	1	Vallance, Alexander Bair, W. H. Carman, A. P. Jones, L. T.	do 140 00	
		Bair, W. H	do	
	i	Carman, A. P.	do	1
	F	Jones, L. T	do 95 00	i

o.	Date.	To whom.	For what.	Amour
	1913.			
681	Dec.	Karrer, Sebastian	Salary, December, 1913. \$ 70 00	1
d.		Knipp, C. T. Kunz, Jacob Nathanson, J. B Schulz, W. F. Randolph, O. A. Smith, O. H. Watson, F. D.	. do	
- 1		Kunz, Jacob	do	1
l		Natnanson, J. B	do	
		Schulz, W. F	. do 183 33	
ł		Randolph, O. A	. do	
ļ		Shook, G. A.	. do	
i		Smith, O. H	. do95 00	
- 1		Watson, F. R	.jdo 229 16	
- 1		Warner, E. H	. do	
- 1		Williams, E. H	. do 141 66	
- 1		Hayes, J. B	. do 90 00	
- 1		Buck, A. M	. do 150 00	
- 1		Comstock, A. F	do 166 66	
- 1		Schmidt, E. C	. do 333 33	
- 1		Snodgrass, J. M	. do 183 33	3
1		Andros, S. O.	. do 150 00	
- 1		Decker, E. H.	. do	<b>i</b>
1		Green, Frederick	. do	5
1		Hale, W. G.	do	il
1	•	Harker, O. A.	do	
1		Pomerov. J. N.	do	
- 1		Vernier, C. G.	do	
- 1		Snook, G. A. Smith, O. H. Watson, F. R. Warner, E. H. Williams, E. H. Hayes, J. B. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Andros, S. O. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student). Andrews, O. M. Babcock, K. C. Meyer, G. H. Seymour, A. R. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore Mary M.	do	
1		Andrews O M	do	
- 1		Bahcock K. C.	do	
1		Meyer G H	do 20 83	
- 1		Saymour A R	do	
- 1		Bradbury C E	do	
- 1		Kelley C F	150 00	
1		Loka E T	do	
- 1		Lake, É. J Wetmore, Mary M	150 00	
ě				
ļ		Bond, J. J. D. Reed, F. W	. do	
- 1		Reed, F. W	. do	
- 1		Stebbins, Joel	. do	
1		Burton, L. V.	. do 60 00	
- 1		Newell, C. R.	. do 100 00	
		Rahn, Otto	. do	
- 1		Brignam, R. O	. ao 60 00	
1	2	Hague, Stella M	. do 90 00	
		Hottes, C. F	. do 250 00	
1		Lamkey, E. M. R.	. do 60 00	
- 1		Lecato, J. M	.  00 00	
1		McDougall, W. B	. do 120 00	)
- 1		Parr, Rosalie M	. do 80 00	
1		Scherfee, S. H	. do	)
- 1		Trelease, William Waggoner, H. D	. do 416 66	3
- 1		Waggoner, H. D.	. do 60 00	) l
1		Whitten, J. H.	do	
- 1		Hursh, R. K.	do	
1		Radcliffe, B. S.	do	
1		Rand, C. C.	do	
- 1		Stull, R. T.	do	
- 1		Williams, A. E.		
- 1		Adams, W. C.	10 00	
- 1		Adams, W. C. Allen, C. H.	do	
- 1		Baker, R. E.	do	
- 1		Rolle C W	do	
- 1		Balke, C. W. Ball, T. R.	do	
		Potes C T		
		Bates, S. J.	do	
- 1		Beal, G. D	do	
- 1		Braley, S. A	do	
		Broderson, H. J.	do	
- 1		Carter, H. M	do	
- 1		Chariton, E. E.	. do	
- 1		Clark, K. A.	. do	
1		Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander Darrah, Juanita	. do 10 00	
1		Darrah, Juanita	. do	
1		Davisson, B. S.	do 60 00	
- 1		Derick, C. G.	do	3
- 1		Davissón, B. S. Derick, C. G. Eckstein, C. H.	do	)
l		Engle, E. W	do	
- 1		Englis, D. T.	do	
		Foster, L. F	do	
- 1		Gilmore R. E	do	
		Hecker C H	.do	
1		Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Hewes, C. K. Honovski, B. R.	do	
1		Howen C V	- do 00	
		Howes, U. K.	. do 60 00	
		ILUHOVSKI, B. K	. do 80 00	?

## ${\tt OPERATION,\; MAINTENANCE\; AND\; EQUIPMENT\; VOUCHERS-\it Continued.}$

No.	Date.	To whom.	For what.		Amour
	1913.				
3681	Dec.	8 Hopkins, B. S.			
Ctd.	1	Janson, J. M. Kamm, Oliver		10 00 60 00	
		Kremmers, H. C.	do	30 00	
		Layng, T. E.	do	60 00	
		Lewis, H. F.	do	50 00	
		Janson, J. M. Kamm, Oliver Kremmers, H. C. Layng, T. E. Levis, H. F. MacArthur, C. G. MacInnes, D. A. Manuel, W. A. Marquis, S. D. Nelson, R. A. Noyes, W. A. Parr, S. W. Prasil, Anton Read, J. W. Rich, P. C. Ruby, G. B. Scholl, Clarence Sears, G. W. Sievert, C. W. J. Skinner, G. S. Smith, G. M. Smith, G. M. Smith, G. M. Smith, L. D. Snook, J. D. Straw, W. A.	do	150 00	
	1	Manuel W. A	1 do	140 00 30 00	
		Marquis, S. D.	do	30 00	
		Nelson, R. A.	do	10 00	
	l	Noyes, W. A.	do	416 66	
		Provil Anton	do	333 33 10 00	
		Read, J. W	- do	60 00	
		Rich, P. C.	do	10 00	
		Rubý, G. B	do	10 00	
		Scholl, Clarence	do	30 00	
		Sievert, C. W. I	do	60 00 10 00	
		Skinner, G. S.	do	10 00	
		Smith, G. M	do	166 66	
	1	Smith, L. D.	do	100 00	
	1	Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert. Tippett, R. W. Valentine, H. D. Van Zoeren, G. J. Washburn, E. W. Webbr, H. C. P.	do	10 00 10 00	
		Taylor, E. H.	do	30 00	
	1	Taylor, S. C.	do	50 00	
	1	Thorp, Lambert	do	120 00	
	1	Volenting H. D.		30 00	
	1	Van Zoeren G. I	do	30 00 60 00	
		Washburn, E. W.	do	291 66	
		Weber, H. C. P	do	166 66	
		Weiland, H. J	do	35 00	
		Wildman E A	do	30 00 50 00	
		Bogart, E. L	do	291 66	
		Chase, W. A.	do	200 00	
		Dewsnup, E. R.	do	250 00	
		Litman, Simon	do	208 33 40 00	
		Robinson M. H	do	250 00	
		Scoville, H. T.	do	200 00	
	į.	Stewart, C. L.	do	70 00	
		Thompson, C. M	do	180 00	
		Weston N A	do	180 00 250 00	
		Barton, H. J.	do	291 66	
		Canter, H. V.	do	208 33	
		Moss, C. M	do	250 00	
	l	Page A C	do	250 00 250 00	
	I	Anderson, L. F	do	229 16	
	1	Bagley, W. C.	do	416 66	
		Coffman, L. D.	do	291 66	
	1	Washburn, E. W Weber, H. C. P Welland, H. J. Wichers, Edward Wildman, E. A. Bogart, E. L Chase, W. A. Dewsnup, E. R. Litman, Simon Prickett, A. L. Robinson, M. H. Scoville, H. T. Stewart, C. L. Thompson, C. M. Thompson, J. G. Weston, N. A. Barton, H. J. Canter, H. V. Moss, C. M. Oldfather, W. A. Pease, A. S. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A. Creek, H. L. Curl, M. J. Dixon, R. E. Dodge, D. K. Fulton, Edward Goodwin, T. G. Guild W. H.	a0	50 00	
	1	Johnston, C. H	do	50 00 291 66	
		Miller, W. S.	do	150 00	
	1	Alden, R. M.	do	375 00	
		Baldwin, E. C.	do	175 00	
	l	Buchen W A	do	140 00 150 00	
	1	Clark, T. A.	do	500 00	
		Creek, H. L.	do	140 00	
		Curl, M. J.	do	140 00	
		Dixon, R. E.		110 00	
		Fulton, Edward	do	270 83 175 00	
	1	Goodwin, T. G.	do	100 00	
		Guild, T. H.	do	120 00	
	}	Gwinn, Alta	do	90 00	
		Harparger, Sada A	do	100 00 120 00	
		Jones, H. S. V	do	183 33	
		Jordan, J. C.	do	100 00	
		Fulton, Edward Goodwin, T. G Guild, T. H Gwinn, Alta. Harbarger, Sada A Jones, E. S Jones, H. S. V Jordan, J. C Kelso, Ruth Kyle, Martha J Landee, Marion	do	100 00	
		Kyle, Martha J	do	130 00	
	ì	Lanuee, Marion	u0	45 00	

No.	Date.	To whom.	For what.	Amour
	1913.			
3681	Dec. 8	Loomis, R. S	Salary, December, 1914. \$120 0	
Ctd.	ľ	McJohnston, Harrison Paul, H. G Rinaker, Clarissa Sarett, L. R Schoepperle, Gettrude Scott, F W Sherman, S. P	do120 0	
		Paul, H. G	do	
		Kinaker, Clarissa	110 00	
		Saretti, L. R	100 00	
		Schoepperie, Gertrude	do	
		Shormon C D		
	١,	Stonlay T B	do	
		Sutcliffa E G	do100 0	
	ļ	Tiele A T	do120 0	
		Wicher, G. F	do	
		Woolbert, C. H.	do	
		Zeitlin, Jacob	do	á
		Folsom, J. W	do 208 3	3
		Forbes, S. A.	do	
		MacGillivray, A. D	do 250 0	0
	l	Peterson, Alvah	do 60 0	0
	1	Glasgow, Dr. Robert D	do 120 0	0
	1	Bayley, W. S	do	0
	1	Fleener, F. L.	do	וו
	l	Heitkamp, G. W	do	
	1	Kien, J. L	do	)
	l	Poss C S	do	XI
	1	Savaga T E	do	2
	l	Thompson David	do	
	1	Sarett, L. R. Schoeppele, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Trieje, A. J. Wicher, G. F. Woolbert, C. H. Zeitlin, Jacob. Folsom, J. W. Forbes, S. A. MacGillivray, A. D. Peterson, Alvah. Glasgow, Dr. Robert D. Bayley, W. S. Fleener, F. L. Heitkamp, G. W. Rich, J. L. Rolfe, C. W. Ross, C. S. Savage, T. E. Thompson, David. Barto, P. S. Brooks, N. C. Flom, G. T. Goebel, Julius. Green, Alexander. Held, F. E. Koller, A. H. Lessing, O. E. Meyer, G. H. Poor, C. M. Spindler, G. W. Williams, C. A. Zucker, A. E. Alvord, C. W. Brush, Elizabeth P. Buck, S. J. Cole, A. C. Duncalf, Frederick. Greene, E. B. Larson, L. M. Lybyer, A. H. Robertson, W. S. Borger, R. L. Burns, Josephine E. Chittenden, E. W. Crathorne, A. R. Denton, W. W. Emch, Arnnold. Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rutledge, George. Shaw, J. B. Sisam, C. H. Smith, G. W. Sullin, G. E. Zuckir, E. B. Wahlin, G. E. Zucker, E. B. Townsend, E. J. Wahlin, G. E. Zucker, E. B. Wanlin, G. E. Zucker, E. B. Townsend, E. J. Wahlin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, E. B. Wallin, G. E. Zucker, J. H. Burge, W. E.	do	
	1	Brooks, N. C.	do	
		Flom, G. T	do	3
		Goebel, Julius	do	
		Green, Alexander	do	
	l	Held, F. E	do	
1	l	Koller, A. H	do	ō
	1	Lessing, O. E.	do 291 6	6
		Meyer, G. H	do 208 3	3
	l	Poor, C. M	do 150 0	
	1	Spindler, G. W	do 50 0	
		Williams, C. A	do 150 0	
		Zucker, A. E	do	
	ł	Alvord, C. W	do 145 8	
	1	Brush, Elizabeth P	. do 90 0	
		Colo A C	do	
		Duncalf Fraderick	do	
	į	Greene E B	do	
		Larson L M	do	
	1	Lybyer, A. H	.do	
		Robertson, W. S.	do	
		Borger, R. L.	do	
	1	Burns, Josephine E	do 100 0	0
		Chittenden, E. W	do 120 0	
	1	Crathorne, A. R.	.do 166 6	
	1	Denton, W. W	do	
	1	Emen, Arnnold	do 187 5	
		Heddert, C. M	do	
		Kempner, A. J	do	
1		Miller G A	do	
		Rietz H T.	do	3 .
		Rowland S A	do	
		Rutledge, George	do	
		Shaw, J. B.	do	
		Sisam, C. H.	do 183 3	3
		Smith, G. W.	do	
		Stouffer, E. B.	do 130 0	
		Townsend, E. J.	do 333 3	3
		Wahlin, G. E. Zeis, H. C.	do 116 6	6
	1	Zeis, H.C	do 60 0	0
		Beard, J. H.	do 130 0	0
		Burge, W. E.	do 183 3	3
	1	Neili, Alma J.	do	)
	l	Bode, B. H.	do	ó
	1	Daniels, A. H.	do	3
	l	Geyer, D. L	do 50 0	
	l	Beard, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd, W. F. Fairlie, J. A. Garner, J. W.	do	
	1	Dodd, W. F	do	
	l	Compon T W		
	1	Garner, J. W	do 333 3	إد

No.	Date.	To whom.	For what.	Amour
	1913.	Hanford, A. C. Mathews, J. M. Bentley, Madison Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Allen, Louis Beck, J. B. Carnahan, D. H. Carry, Charles. Eppels, Joseph. FftzGerald, J. D., II Moore, O. H. Oliver, T. E. Schulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Adams, C. C. Chenoweth, H. E. Cobb, Margaret V. Faust, E. C. Green, Bessie R. Helmburger, H. V. Johnson, Gertrude Kingsley, J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. VanCleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles. Hanson, F. B (Student) Kindley, David Wright, A. B. Austin, Louise Bayley, Paul Blaney, Lillian Brandner, A. R. Browne, Lois A. Clark, Helen Coultas, Lois M. Cushing, Helen I. Dewey, Ida B. Fisher, L. N. Garman, Philip Haskett, Aloa A. Heck, A. O. Ingels, Nelle L. Kile, Jessie J. Knight, C. K. Knoche, Viola E. Lamb, B. F. Lantz, C. W. Lawrence, Matthew Lincoln, Warren McKenna, E. L. Mathews, Howard Miles, Lois M. Miller, Jessie F. Parker, Karr Partridge, N. L. Paulson, P. A Ray, S. H. Reeves, H. P. Schinner, O. P. Shehmart, W. A. Siebens, Thek B. Stokes, C. N. Sullivian, Margaret K. Thorne, Mabel E.		
3681	Dec. 8	Hanford, A. C.	Salary, December, 1933. \$ 50 00	0
Ctd.		Mathews, J. M.	do	
		Bulley, Madison	do	
		Sutherland A H	.do	3
		Vance, T. J.	do	51
		Allen, Louis	do	ól
		Beck, J. B.	do	3
		Carnáhan, D. H	ido 112 50	)
		Carry, Charles	do 110 00	) .
		Eppels, Joseph	do 90 00 do 225 00	2
		FitzGerald, J. D., II		2
		Moore, O. H	do	)(
		Cobultons T. D.		{}
		Schullers, J. R.	.do 80 00	2
		Turner T. M	do	₹.
		Wasanhara T G	do90 00	S)
		Haves E C	do275_00	íl.
		Todd, A. J.	do	śl
		Adams, C. C.	do	ól
		Chenoweth, H. E.	-do 137 50 -do 30 00 -do 30 00	)[
		Cobb, Margaret V	do	DΪ
		Faust, E. C.	do	)
		Green, Bessie R	do	2 ,
		Heimburger, H. V	do	2
		Jonnson, Gertrude		וו
		Kingsley, J. S.	do	3
		Linkins, R. H.	do	
		May, H. G.	do30 00	₹I
		Stunkerd H W	do	
		VanCleave H I	do 120 00	í!
	l	Ward H B	do	á
		Wells Grace E	do 30 00	ń
	İ	Zeleny, Charles	do. 30 00 do. 250 00	ól –
	)	Hanson, F. B (Student)	do	jl.
		Kindley, David	do	o¦'
	۱.	Wright, A. B.	do 50 00	<b>)</b> }.
		Austin, Louise	do	0
		Bayley, Paul	do 25 00	2):
		Blaney, Lillian	do 25 00	) <sub>-</sub>
	l	Brandner, A. R.	do	2
		Browne, Lois A.	do	)
	l	Coulton Tois M	25 0	31
	l	Cushing Tielen T		
		Downy Ido B	do 25 0	<b>1</b>
	}	Fisher L. N	do 25 0	ň
		Garman Philip	do 25 0	ň
		Haskett, Aloa A	.do . 25 00	ŏl.
		Heck, A. O.	do	0
		Ingels, Nelle L	do	0
		Kile, Jessie J	do 25 0	0
		Knight, C. K.	do	OJ.
		Knocne, Viola E		U)
		Lamb, B. F	do	n k
		Lawrence Metthew	1uo	N.
,		Lincoln Warren	do 25 0	ň
		McKenna, E. L	do 95 0	ŏľ
		Mathews, Howard	. do	ňľ
		Miles. Lois M	do 25 00	ŏl
		Miller, Jessie F	do	ōl :
		Pasmore, D. F	do	0[::
		Parker, Karr	do 25 00	0
		Partridge, N. L	do 25 0	0 '
		Paulson, P. A.		0
		Kay, S. H.		)
		Keeves, H. P.		ען ען
-		Schambert W. A.	25 0	XI
		Snewnart, W. A.	25 0	Ų.
		Stayong W. E		XI
		Stokes C N	25 0	K)
		Sullivan W W	do 25 U	ĭI
		Theilan Margaret K	.do	NI N
		Thorean Edna A	do	ň
	i	The area of the last To	do	XI

No.	Date.	To whom.	For what.	Amoun
	1913.	Wilber, A. S. Wilson, W. H. Wolf, H. C. Wolfe, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. W. Farwell, S. P. Fracker, S. B. Gittins, Elizabeth M. Gutberlet, J. E. Heuse, E. O. Holley, C. E. Howard, J. W. Johnson, Morris Kircher, E. A. T. Lehenbauer, P. A. Macfarlane, Wallace. McGregor, H. H. Mathewson, L. C. Millard, E. B. Miller, J. E. Peine, A. F. Russell, F. A. Voegelein, Lily B. Watson, Minnie E. Wright, Quincy. Wyati, F. A. Belt, J. H. Hadley, H. F. McDermet, Rudolph Maney, G. A. Montgomery, Julian Nobel, M. L. Pogue, R. B. Thomas, H. R. Wohlenberg, W. J. Bond, Ethel Curtis, Florence R. Reece, E. J. Simpson, Frances Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F. Simon, Anna. Smith, Constance Barlow Townsend, L. L. Treat, Edna A. Van den Berg, H. J. Langelier, W. F. Colson, H. W. Clark, A. H. Day, W. B. Day, W. B. Day, W. B. Day, W. B. Day, W. B. Pay roll Mills, Guy G. Pay roll (civil service employees). Alexander, Lilles		
3681	Dec. 8	Wilber, A. S	Salary, December, 1913. \$ 25 00	
Cld.		Wilson, W. H.		
		Wolf, H. C.	do	
		Proven D W	do	
		Carroll W E	do	
	j	Clark, F. E	do	
:	1	Conel, J. L.	do	
	Į.	Cort, W. W	. do 30 00	
		Farwell, S. P	. do 40 00	
	1	Fracker, S. B.	do	
		Gittins, Elizabeth M	do	
	1	Harden O E	do	
	1	Harres E O	do	
		Hollay C E	do	
		Howard J. W	do	
		Johnson, Morris	do	
	1	Kircher, E. A. T.	do	
		Lehenbauer, P. A	do:	
	1	Macfarlane, Wallace	. do	
	1	McGregor, H. H.	do	
	1	Matnewson, L. C.	. do	
	1	Millard, E. B	do	
		Paina A F	do	
	1	Russall F A	do	1
	I	Voegelein Lily B	do	
	1	Watson, Minnie E	do	
	l	Wright, Quincy	do	
	1	Wyatt, F. A.	do	
	1	Belt, J. H	do 50 00	
	1	Hadley, H. F	. do 50 00	
	1	McDermet, Rudolph	do 50 00	
	1	Maney, G. A.	do	
	1	Montgomery, Julian	do	
	ł	Nebel, M. L.	do	
	{	Thomas IT D	do	
	j.	Wohlenberg W I	do	1
		Bond Ethel	do	1
	1	Curtis, Florence R	do	1
	Ì	Reece, E. J.	do	
	į	Simpson, Frances	do	
	1	Harding, A. A	do	
	1	Kirkup, Florence M	. do	
	!	Mills, C. H.	. do	1
		Morphy, E. W	do	
	ł	Sobwortz C F	do	l
	ŀ	Simon Anna	do	
	Í.	Smith, Constance Barlow	do	
	· .	Townsend, L. L.	do	1
	1	Treat, Edna A	do 100 00	
	1	Van den Berg, H. J	do 180 00	l :
	l	Langelier, W. F	do	'
	ł	Clark A TT	do 100 00	l.
		Clark, A. H	do 150 00	
	l	Day, W. D.	do	ĺ
		Eicher B L	do	
		Fantus Bernard	do	
	1	Gathercoal E. N.	do	
		Snow, C. M	do	
3682	do	Pay roll	December, 1913	\$ 90
0000	l _	Mills, Guy G	Salary, December, 1913 90 00	
<b>3</b> 683	do	Mills, Guy G. Pay roll (civil service employees) Alexander, Lilla.	December, 1913	9, 245
	J .	Alexander, Lilla	paiary, December, 1913 65 00	3
	l	Alley, W. E.	do 85 00	
	l	Atkingon C E	do	
		Alley, W. E. Ames, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Bowen Evelene	do	1
	l	Blackwall Marv	do	
	l	Boice, L. A	do	
	l	Bowen, Evalena	do	
		Broadhurst, Tabitha J	.do	: 1
		Bowen, Evalena Broadhurst, Tabitha J Brown, Ina M Bryan, Sarah E Buckles, Mildred	do 60 00	
		Bryan, Sarah E	do	:
	1	Buckles, Mildred	do	

No.	Date.	To whom.	For what.	Amoun
	1913.	Buckler, Helen I Burt, Ruth Cass, Elizabeth H Crawford, C. C Cover, Hazel Cunningham, H. E. Custer, Emma L Dalton, C. E Emigh, Edith Feind, Frances Feldkamp, Amelia Fieg, Robert Foss, Margaret C Fraser, Viola Gage, Marjorie H Gallaher, Marion B Garwood, Frances Goetz, Antoinette Good, Elizabeth Gordon, Marie A Griffith, Mabel Hamilton, Mrs. Alice V Havens, Charles Hay, N Heater, Myrtle E Houchens, Josie B Hull, A. H Kirwin, Nora Knapp, Aurella Knorr, L. E Lahr, Lawrence Lamb, Allie B Lee, A. R Leitz, Louise A Love, Mary E McConn, C M McGehee, Hester Elizabeth McGurty, Agnes McIntire, W. A Manspeaker, L. Mae Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Maude Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley, Mande Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Meneley Menele		
3683	Dec.	8 Buckler, Helen I	Salary, December, 1913 \$ 60 00	
Ctd.		Burt, Ruth	do 50 00	
		Crawford C C	do	ļ
i		Cover. Hazel	do	l
		Cunningham, H. E.	do 166 66	
I		Custer, Emma L	do 75 00	1
		Dalton, C. E.	do	
1		Emign, Edith	do	
i		Feldkamn Amelia	do	
l		Fieg. Robert	do	
- 1		Foss, Margaret C.	do	
1		Fraser, Viola	do	
-		Gage, Marjorie H	do 75 00	
1		Gallaher, Marion B	do 50 00	
1		Casta Antoinatta	do	
1		Good Elizabeth	do	
1		Gordon, Marie A	do	
- 1		Griffith, Mabel	do 70 00	
-		Halliday, Mable	do 60 00	
1		Hamilton, Mrs. Alice V	do	
		Havens, Charles	do	
		Haster Myrtle E	do	i
- 1		Houchens Josie B	do	
- 1		Hull, A. H	do	
1.		Humrichouse, Katie L	do 50 00	
		Johnson, Gertrude E	do	
		Kelley, J. H.	do	
		Kirwin, Nora	do	1
		Knorr T. E	do	
		Lahr Lawrence	do	
		Lamb. Allie B	do	1
- 1		Lee, A. R	do 91 66	1
-		Leitz, Louise A	do 40 00	
1		Love, Mary E	do 65 00	
i		McCohea Hoster Fligeboth	do	
4		McGurty, Agnes	i.do	
4		McIntire, W. A.	do	1
1		Manspeaker, L. Mae	do 83 33	1
9		Meneley, Maude E	do	1
i		Merchant, Donna	do 50 00	
1		Millor Mory	do	ı
1		Miller C F	do	
¥.		Morey, Lloyd	do125_00	İ
		Morrow, J. A.	do 166 66	
ł		Murphy, Morris	do 110 00	
4		Needham, Lucile	do	
1	1	Nyberg, Florence A	do	
1		Packard Bessie	do	
1	\$1	Peel, Elizabeth C	do	1
1		Peel, Thomas	do	1
1		Poll, Lillian	do 50 00	ĺ
1		Post, Frederick	75 00	1
1		Postloweit Harriet I.	-do 75 00	ĺ
4		Powell B. E	do	İ
1		Pulling, Elizabeth	do	1
1		Putnam, Persis	do 75 00	ŀ
1		Rein, Lillian E	do50 00	1
1		IRenz, Myrtie	do 75 00  do 60 00	ļ.
		Piggs Ross	do	l
1		Robertson, Nellie.	do	1
1		Rogers, Della M	do 40 00	l
1		Scanlan, Mary	do	
1		Sharp, Bertha L	do 55 00	l
ì		Sharp, Ethel	do 40 00	İ
1	1	Shaperd Appe T	do	l
		Showers T I	do	l
1		Slater, Sara M	do	l
1		Smith Florence F	do	ı

No.	Date.	To whom.	For what.	Amoun
	1913.	Smith, I. M. Smith, Mayme L. Staples, O. E. Staples, O. E. States, Bertha G. Stevens, Sabra. Steitz, Alfred. Stricklan, Freda O. Thompson, M. E. Towne, L. J. Tuttle, G. P. Tyrrell, Josephine. Vaubel, D. Voight, Lida E. Wheeler, H. H. White, Loreita. Winchester, B. L. Wyninger, H. T. Ellis, E. R. Leonard, Russell Lonius, J. O. Magruder, Ira W. Math, E. R. Paulus, William H. Reid, Olive G. Ressler, Milton. Vanderbeek, H. J. Wright, G. E. Vaughans Seed Store. Shavings & Sawdust Co. G. Cramer Dry Plate Co. Royal A. Stipes. Weston Electrical Instrument Co. The Linde Air Products Co. Arthur H. Clark Co. Eugene Dietzgen Co. Crane Co. Crane Co. Cancerel Electrical Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete Co. Concrete		
O <b>I</b> 3683	Dec. 8	Smith, I. M	Salary, December, 1913 \$125 00	ŀ
Cld.		Smith, Mayme L	do 150 00	
		States Bertha G	.do	
		Stevens, Sabra	do	İ
		Steitz, Alfred	do 85 00	
		Stricklan, Freda O	do	
	! !	Towns L J	1.d0	
		Tuttle, G. P.	do	
		Tyrrell, Josephine	do 50 00	
	l	Vaubel, D.	do	1
	ĺ	Wheeler H H	do 70.00	
	l	White Loretta	do	
		Winchester, B. L.	do 50 00	1
	İ	Wyninger, H. T.	do 60 00	
	l	Ellis, E. R		1
		Lonius I O	do 90 00	
	1	Magruder, Ira W	do 70 00	1
	1	Math, E. R.		1
	1	Paulus, William H	do	ji .
		Ressler, Milton	do	Ä
		Vanderbeek, H. J.	do	1
	1 -	Wright, G. É	do 125 00	1
3684 3685	do	Vaughans Seed Store	General supplies	\$
3686	do	Shavings & Sawdust Co	Snavings	94
3687	do	Royal A Stines	General supplies .do .Apparatus repairs Laboratory supplies Library supplies Office supplies Supplies General supplies Laboratory apparatus General supplies	"
3688	do	Weston Electrical Instrument Co	Apparatus repairs	13
3689	do	The Linde Air Products Co	Laboratory supplies	\$ 94 28 13
$\frac{3690}{3691}$	do	Arthur H. Clark Co	Library supplies	1 . 3
3692	do	Eugene Dietzgen Co. Crane Co. A. H. Barber Creamery Supply Co. General Electric Co. Twin City Creamery Co. Eisner Grocery Co. The Creamery Package Mfg. Co. The Howe Scale Co. D. H. Lloyde. Illinois State Reformatory Phoenix Nursery Co. American Radiator Co. James B. Clow & Sons. Benjamin & Wilson. B. A. Raliton Co.	Supplies	8
3693	do	A. H. Barber Creamery Supply Co	General supplies.	2
3694 3695	1	General Electric Co		
3695	do	Twin City Creamery Co	General supplies do. do. Apparatus repairs Supplies General supplies do. do. Plumbing Tools Machine repairs Cafe supplies Library supplies Diffice supplies Laboratory supplies Electrical supplies	3
3696 3697	do	The Crosmory Poekage Mfg. Co.	Annaratus ranairs	1
3698	do	The Howe Scale Co	Supplies	3
3699	do	D. H. Lloyde.	General supplies	
3700	do	Illinois State Reformatory	do	3
$\frac{3701}{3702}$	do	Phoenix Nursery Co	Plumbing	
3703	do	James B. Clow & Sons	Tools	2
3704	do	Benjamin & Wilson	Machine repairs	
3705 3706	do	B. A. Railton Co	Cafe supplies	3
3706 3707	do	Courrier Des Etats-Unis	Library supplies	3
3708	Dec. 9	Ward's Natural Establishment	Laboratory supplies	6 2
3709	do	Lewis Electric Supply Co	Electrical supplies	ž
3708 3709 3710	do	Benjamin & Wison B. A. Railton Co. Courrier Des Etats-Unis. Dennison Mfg. Co. Ward's Natural Establishment. Lewis Electric Supply Co. Angle Steel Co.		
3711	do	Henry Bruns.	Harpoon fork	
3712 3713	do	Henry Bruns. Hess Warming & Ventilating Co. American Multigraph Sales Co. International Harvester Co. P. S. Campbell.	Electrical supplies Stools. Harpoon fork Laboratory supplies Office supplies. Machine repairs. Printing	1
3714	do	International Harvester Co	Machine repairs	i
3715	do	P. S. Campbell	Printing	. 2
$\frac{3716}{3717}$	do	Charles Englehard. Gardiner S. Rogers, Agent. The Warren Brush Co. James B. Clow & Sons. Narragansett Machine Co.	Printing Galvanometer Stationery Brushes and handles	1 1
3717 3718	do	The Warren Brush Co	Brushes and handles	
3719	do	James B. Clow & Sons	Plumbing materials Dumb bells Binders Books Pamplets Music	:  i
3720	do	Narragansett Machine Co	Dumb bells	$\begin{bmatrix} & \overline{1} \\ 2 \end{bmatrix}$
3721	do	Ward Brothers	Binders	
3722	do	Forest Press	Pamplets	
$\frac{3723}{3724}$	do	The Willis Music Co	Music	1
3725	do	. Willett & Gray	Subscription	
3726	1 40	American Assn. for Advancement of Sci		1
0707	1	ence	Dues	
3727 3728		The Peoples Gas Light & Cole Co	Stove lesse	2 2
3728 3729	do	Haussmann & Dunn	Thermometers	2
3729 3730	do	The Soft Water Laundry Co	Laundry	1
3731	do	Pyrene Co. of Illinois	Fire extinguishers	.   1
3732	do	ence. John A. Lapp, Manager The Peoples Gas Light & Coke Co. Haussmann & Dunn The Soft Water Laundry Co. Pyrene Co. of Illinois R. R. Bowker Co. Champaign Bottling Works. A. C. Durr	Printing	1 1 2
3733 3734	do	Onampaign Bottling Works	Laboratory supplies	-
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No.	Date.	To whom.	For what.	Amou
	1913			
3735 3736 3737 3738	Dec. 9	United States Patent Office	Pamphlets	\$ 2
3736	do	The W. S. Tyler Co. French Battery & Carbon Co.	Sieves	21
3737	do	French Battery & Carbon Co. Sears, Roebuck & Co. Shavings & Sawdust Co. Electric Appliance Co. Montgomery, Ward & Co. Paul O. Abbe. Wm. Sim Drug Co. Swift & Co.	Batteries	21
3738 3739		Sharings & Sandust Co	Showings	76
3740	do	Electric Appliance Co	Motor	21
3741	do	Montgomery Ward & Co	Matches	11
3742	do	Paul O. Abbe	Laboratory jars	51
3743	do	Wm. Sim Drug Co.	Liniment, iodine	9
3744	do	Swift & Co.	General supplies	142 4
3745	do	D. T. Dobbins	Grinding corn	4
3746	do	D. T. Dobbins. American Hampshire Sheep Assn	Registration fee	13
3747	do	Milliam F. Kasting Co. The E. C. Brown Co. H. D. Oberdorfer.	Nursery stock	13
3748	do	The E. C. Brown Co	Auto-spray, etc	8
3749 3750	do	H. D. Oberdorfer	Traveling expenses	10
3750	do	H. D. Oberdorier Lercy Her E. H. Sargent & Co. John H. Doyle Flanigan-Pearson Co. S. E. Huff & Co. Western Electric Co. Writh City Reading Co.	Field expenses	112
3751	do	E. H. Sargent & Co	Laboratory supplies	126
3752	do	John H. Doyle	Hardware supplies	54
3753	do	Flanigan-Pearson Co	Printing	375
3754	do	S. E. Huff & Co	Lumber, coal	278
3755	qo	Western Electric Co	Liectrical materials	171 61
$\frac{3756}{3757}$		Warrion Handersons Co	Supplied	106
3758		Western Electric Co. Taylor Hardware Co. Bryan-Marsh Electric Works. Henry J. Green. Electric Coal Co. C. A. Denman. The Letter Shop.	Lamne	292
3759		Honry I Green	Lahoratory apparatus	184
	do	Electric Coal Co	Coal	
3761	do	C. A. Denman	Painting, paints	187
3762	do	The Letter Shop	Clerical assistance.	47
3763	do	The Boston Book Co	Books	63
3764	do	American Steel & Wire Co	Fencing.	124
3765	do	N. T. Peirce	Field expenses	17
3766	do	H. A. Aldrich & Co	Supplies	103
3767	do	John Reichard	Corn	100
3768	do	The Tablet & Ticket Co	Office supplies	15
3769	do	Alexander Lumber Co	Lumber, coal	62
3770	do	Standard Oil Co	Q11	17
3771	do	Bacon Brothers	Supplies	50
3770 3771 3772 3773	do	Williams Bros	Painting	148
3773	do	Walker & Mulliken	Repairs	4
3774 3775 3776	qo	F. K. Robeson	T ob oratour generation	11 17
3770	do	Bausen & Lomb Optical Co	Panaira	1
2777	do	D C Womer & Son	Cool ato	20
3777 3778	do	G W Shaldon & Co	Customs charges	16
3779	do	Twin City Printing Co	Printing	154
3780	-do	Champaign Seed Co.	General supplies	55
3781	do	The Chas. A. Hall Hardware Co	do	30
3782	do	F. L. Leslie	Cases	46
3783	do	B. A. Strauch	Services	52
3784	do	Knowlton & Bennett	Building supplies	10
3785	do	Bennett's Magazine Agency	Magazine	31
3786	do	Marshall Field & Co	Supplies	28
3787	do	Fuller & Fuller	Laboratory supplies	34
3788	do	R. D. Swishner Mig. Co	Office supplies	22
3789	qo	Morrisson, Plummer & Co	Laboratory supplies	83 1
3790	op	Compress Amborg & Co.	Office supplies	1 0
3791		Electric Coal Co. C. A. Denman The Letter Shop. The Boston Book Co. American Steel & Wire Co. N. T. Peirce. H. A. Aldrich & Co. John Reichard. The Tablet & Ticket Co. Alexander Lumber Co. Standard Oil Co. Bacon Brothers. Williams Bros. Walker & Mulliken. F. K. Robeson. Bausch & Lomb Optical Co. Percival & Moorehead. R. C. Wagner & Son. G. W. Sheldon & Co. Twin City Printing Co. Champaign Seed Co. The Chas. A. Hall Hardware Co. F. L. Leslie. B. A. Strauch. Knowlton & Bennett. Bennett's Magazine Agency. Marshall Field & Co. Fuller & Fuller. R. D. Swishner Mg. Co. Morrisson, Plummer & Co. A. C. McClurg & Co. Cameron, Amberg & Co. A. C. McClurg & Co. Cameron, Amberg & Co. A. Daiger & Co. Warmer Machinery Co. Chicago Telephone Co. G. E. Stechert & Co. A. C. McClurg & Co. Ernst Hertzberg & Sons Dr. Edgar J. Banks. Reliable Plumbing & Heating Co. Taylor Hardware Co. Taylor Hardware Co. Taylor Hardware Co. Taylor Hardware Co. Taylor Hardware Co. Taylor Hardware Co. The Tablet & Ticket Co. The Other Esser Co.	Laboratory supplies	30
3792 3793	uo	Warmer Machinery Co	Office equipment	49 69
3794	do -	Chicago Telephone Co	Services	22
3795	do	G. E. Stechert & Co	Books	291
3796	do.	A. C. McClurg & Co.	Office supplies	132
3797	do	Ernst Hertzberg & Sons	Library supplies	236
3798	do	Dr. Edgar J. Banks	Specimens	1,500
3799	do	Reliable Plumbing & Heating Co	Plumbing	3
3800	do	Taylor Hardware Co	Fixtures	ĭ
3801	do	Central Electric Co	Laboratory supplies	1
3802	do	Standard Oil Co	General supplies	1
3803	do	The Tablet & Ticket Co	Omce supplies	10
3804	qo	The wels Mig. Co	uo	6
3805	o	Mountain Mfg. & Novolty Co.	do	5
3000	ao	A A Harding	Traveling expenses	11
3800		A. A. Halumg	Survey expenses	34
9909	uo	W. C. Coffey	Traveling expenses	24
921A	uo	V A Place	do	9
3811	do	R. W. Dickenson and party	_do	27
3812	do	Standard Oil Co. The Tablet & Ticket Co. The Weis Mig. Co. Kouffel & Esser Co. Tower Mig. & Novelty Co. A. A. Harding. J. E. Smith. W. C. Coffey. V. A. Place. R. W. Dickenson and party. John Heffernan & Son. The Linde Air Products Co.	Laboratory supplies	4
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No.	Date.	To whom.	For what.	Amour
	1913.			
3814	Dec. 9	Hoskins Mfg. Co. Standard Scientific Co. H. W. Johns Manville Co.	Apparatus repairs	\$ 1
3815	do	Standard Scientific Co	Laboratory supplies	5
3816	do	H. W. Johns Manville Co	Building material	10
3817	do	H. W. JOHNS MAINTHE CO. Twin City Electric Co. G. Cramer Dry Plate Co. Henry McGlade. Ward Bros.	Supplies	5
3818	do	G. Cramer Dry Plate Co	General supplies	3
3819 3820	do	Henry McGlade	Apparatus repairs	6
3820	do	Ward Bros	Supplies	11
3821 3822	100	Armin H. Koner	ISELVICES	3
3822	jdo	Fairbanks, Morse & CoArthur A. Cole	Laboratory apparatus	39
3823	do	Arthur A. Cole	Laboratory supplies	9
3824	do	Richard G. Badger. The Miller Harness Co. D. T. Dobbins. Standard Cap & Seal Co.		13
3825	do	The Muler Harness Co	supplies	7 3
3826		D. T. Doppins	D	
3827	ao	Standard Cap & Sear Co	Rentals	900
3828	ao	James G. Biddle.  Wm. Crede Edward Pennock C. S. Brimley L. C. Smith & Bros University Press A. F. Wiestermen	Laboratory apparatus	280
3829	ao,	wm. Crede	Live stock	8
3830	ao	Edward Pennock	Laboratory apparatus	292
3831	do	C. S. Brimley	Laboratory supplies	5
3832	do	L. C. Smith & Bros	Omce equipment	26
3833	ao	University Press	Programs	3
3834	qo	A. E. Wuesterman	Music	1 4
3835	do	American Multigraph Sales Co	Cumplies	88
3836	do	National Engraving Co	Tabanatana ammilia	00
3837	ao	A. E. Wuesterman. American Multigraph Sales Co. National Engraving Co. G. C. Willis. Edwards & Wharton. E. Bartholomew. Mathaws Pichardson & Co.	Laboratory supplies	38
3838		E Portholomore	T ibrory gunnling	19
3839 3840		Mathews Richardson & Co	Congrel supplies	12
3841	do	Corlord Prog	do do	6
3842		Gaylord Bros. Houser & Sutton.	Supplies	174
3843	do	D C Compbell	do	15
3844	40	C H Stoolting Co	Lahoratory apparatus	57
3845	Dec 11	Indian Refining Co	Oil	28
3846	do. 11	Ganaral Flactric Co	Ganeral supplies	35
3847	do	National Steam Specialty Co	Valvas	28
3848	do	H MaFaddan & Bro	Rvo	-ê
3849	do	Chicago Steel Topo Co	Steel tone	1
3850	do	Wm Sim Drug Co	Point	-î
3851	do	F M Loslia	Laboratory apparatus	7
3852	do	G & W Flortric Specialty Co	Electrical materials	24
3853	do	Rannatt's Magazina Aganey	Magazines	25
3754	do	The C C C & St L Ry Co	Freight	23
3855	do	The Wahash R R Co	do	190
3856	do	Reliable Plumbing & Heating Co	Plumbing	122
3857	Dec. 10	Wahash R. R. Co	Freight	1
3858	do	C., C., C. & St. L. B. B. Co.	do	25
3859	do	Illinois' Traction System	do	13
3860	do	Illinois Central R. R. Co	do	12
3861	Dec. 11	W. Lewis & Co	Office supplies	13
3862	do	Commercial Telephone & Telegraph Co.	Service	€
3863	do	F. K. Robeson	Cloth	10
3864	do	The Chas. A. Hall Hardware Co	Cement, etc	4
3865	do	Ernst Hertzberg & Sons	Binding	16
3866	do	The Letter Shop	. Mimeographing	1
3867	do	Champaign Steam Laundry	Laundry	2
3868	do	Bacon Bros	Supplies	
3869	do	Mathews Richardson & Co Gaylord Bros. Houser & Sutton. P. S. Campbell. C. H. Stoelting Co. Indian Refining Co. General Electric Co. National Steam Specialty Co. H. McFadden & Bro. Chicago Steel Tape Co. Wm. Sim Drug Co. F. M. Leslie. G. & W. Electric Specialty Co. Bennett's Magazine Agency. The C., C., C. & St. L. Ry. Co. The Wabash R. R. Co. Reliable Plumbing & Heating Co. Wabash R. R. Co. C., C., & St. L. R. Co. Illinois/Traction System Illinois Central R. R. Co. Commercial Telephone & Telegraph Co. F. K. Robeson. The Chas. A. Hall Hardware Co. Ernst Hertzberg & Sons. The Letter Shop. Champaign Steam Laundry. Bacon Bros. Twin City Printing Co. The Burr Co. D. H. Lloyde. Leavitt Mfg. Co. Barnhart Bros H. F. Bremer The Standard Calorimeter Co. Chester Horsehoeing Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Chester Horseshoeing Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Manufacturing Co. The Letter Shop. Irving-Pitt Med. Co. E. H. Sargent & Cold Storage Co. E. H. Sargent & Co. I. W. Butler Paper Co.	Printing, etc	2
3870	do	The Burr Co	. Foundry work, etc	42
3871	do	р. н. гюде	supplies	41
3872	do	Leavitt Mig. Co	. roundry work	13
3873	do	Eisner Grocery Co	. Gold dust, etc	1 1
3874	do	Metzier & Schafer Co	Jars	1:
3875	do	irving-Pitt Mig. Co	Supplies	4
3876	do	Darmart Bros	Tahan matania?	1 21
3877	ao	H. F. Bremer	Labor, materials	1,210
3878	00	Charten Horaschesin - Char	Horospoina	25
3879	00	Chester Horseshoeing Shop	Cumplies	25
3880	00	The Tetter Chen	Typing	i i
3881	ao	The Letter Shop	Weter	1 4
3882 3883	00	F II Correct & Co	Tahoratory supplies	1 6
		L. H. Sargent & Co	Drinting oto	190
3884		Twin City Ice & Cold Storage Co.  E. H. Sargent & Co.  J. W. Butler Paper Co. Chicago Label & Box Co. Mass Bros.	Royce Johole	120
9000	00	Moog Brog	Lahoratory apparatus	70
2000		Waas Dros	do do	19
3887	00	Western Tumber Cc	Lambor	100
3885 3886 3887 3888 3889	ao	Western Lumber Co	Chamicale	1 5
2000	ao	Maas Bros. V. Mueller & Co Western Lumber Co. Morrisson, Plummer & Co. Mary A. Manny Dr. L. Schultze. Peter J. Krayer.	Dafunde	120 21 79 136 18 25 44 40 120
3890	ao	Dr. T. Cobultro	do do	40
3891 3892	1uo	Dator T Trayer	Inspection & repairs	190

No.	Date.	To whom.	For what.	Amour
	1913.			
3893	Dec. 11	W. L. Mays	Hauling	\$ 30
3894	do	John A. Rumer P. D. Long J. W. Dow Jacob Ten Boer Geo. W. Medley Harry C. Gilkerson F. M. Simpson J. L. Edmunds W. A. Wood Geo. Banta Publishing Co. The University Press The Chester Transfer Co. Tower Mig. & Novelty Co J. W. Butler Paper Co. Shaw-Walker Co. A. C. McClurg & Co J. M. Smith S. E. Huff & Co. E. B. Paine Morgan Brooks	Hauling, husking	10
3895	do	T W Dow	do expenses	64 94
O 3896 O 3897	do	Jacob Ten Boer	do	17
3898	do	Geo. W. Medley	do	56
3899	do	Harry C. Gilkerson	Traveling expenses	16
3900	do	F. M. Simpson	do	31
3901	do	J. L. Edmunds	do	26
3902	do	[W. A. Wood	Tiling	136
3903	do	Geo. Banta Publishing Co	Printing	213
3904	do	The University Press	do	2
3905		The Chester Transfer Co	Office gumpilies	5
3906		Tower Mig. & Novelty Co	Paper	51 79
) 3907 ) 3908	do	Show-Walker Co	Office cumplies	17
3909	do	A C McClurg & Co	do	47
3910	do	J. M. Smith	Machine renairs	î
3911	do	S. E. Huff & Co	Lumber	$\tilde{2}$
3912	do	E. B. Paine.	Traveling expenses	14
3913	do	Morgan Brooks.	do	15
3914	do	Morgan Brooks D. F. McFarland A. B. Dick Co. Paxton Míg. Co.	do	11
3915	do	A. B. Dick Co	Stencil paper	8
3916	do	Paxton Mfg. Co	Pneumatic cushions	6
3917	do	H. L. Bockfinger	Tyrian bands	13
3918	do	Faxion Mig. Co. H. L. Bockfinger Eugene Dietzgen Co. Stevens, Maloney & Co. United States Blue Print Paper Co. Ultrew Retroot	Tyrian bands. Office supplies. do.	5
3919	do	Stevens, Maioney & Co		10
3920	do	United States Blue Print Paper Co	Tracing paper Manila folders Traveling expenses	10
3921	do	Library Bureau	Traveling avnoyees	2 28
3922 3923	do	Weil Bros.	Plumbing	146
3924	do	E. H. Waldo	Plumbing Traveling expenses	22
3925	do	C. E. Durst.	.do	4
	do	O. S. Watkins	do	10
3927	do	W. A. Geise	Packing	4
3928	do	N. J. Bartlett & Co	Bibles	71
			D-1-	1
3930	do	Neostyle Co. American Tamworth Swine Record Assn The New York Times. Twin City Roofing Co. O. E. Staples, Bursar. O. E. Staples, Bursar. W. W. Walls & Co. Twin City Roofing Co. The Scharffer & Budenberg Co. Swartz Electric Shop.	Book	1
3931	do	The New York Times	Index	2
3932	do	Twin City Roofing Co	Labor, materials	13
3933	do	O. E. Staples, Bursar	General labor	127
3934	do	O. E. Staples, Bursar	Student labor	409
3935	Dec. 12	W. W. Walls & Co	General improvements	10
3936		Twin City Rooling Co	Danaira material	3
3937 3938	do	Swartz Electric Shop.	Laboratory supplies	
00000		E. M. Leslie.	Picture.	1
3940	do	The Tablet & Ticket Co	Supplies.	9
	do	Eimer & Amend	Laboratory supplies	20
3942	do	Barnhart Bros	General supplies	24
3943	Dec. 13	F. K. Robeson	Toweling, etc	10
3944	b	Eggleston's Music House	Piano rent	66
3945	do	H. K. Mumford	Traveling expenses	24
3946	do	H. K. Mumford W. J. Carmichael	do	17
2047	ا ماہ	C C Logan	do Tiling	33
3948	do	J. W. Nave J. E. Whitchurch Stephen Rogers	Tinng	15
3949	ao	J. E. W DICCHIECH	Field expenses	27
3950		Mand Paragra	Traveling expenses	103 9
3951 3952	uo	Maud Parsons. The Frederick Post Co.	Paper	17
2052 1	do I	Kimmoff kileene	What straw	27
3954	do.	Emmett Fiscus.  James B. Clow & Sons	Plumbing materials	4
3955	do	Knowlton & Bennett	Meat extract	$\hat{5}$
3956	do	Ed. Gordin	Horse	205
3957	do	Fairbanks, Morse & Co	Testers	19
3958	do	Martin Metz	Wagon axle	4
3959	do!	Carbondale Printing Co	Printing	39
3960	do	Derrough & Co	Supplies	1
3861	do	C. A. Denman	Glass, putty, painting	242
3962	do	Pearl Adams	Labor	132
3963	do	John B. Bennett	Plumbing materials	18
3964	do	R. B. Johnson	Cane seats	6 75
3965	do	Chas. H. Miller	suges, etc	75
3966	do	W. W. Lindley, P. M.	Postage	1
3967	do	International Press Clipping Bureau	Clipping service	5 295
3968 3969	do	U. T. Balley	Cow	295
3969	do	J. H. & J. W. VanNatta	Dooles	500 18
3970	do	Whight & Struck Co	Gunnling	18
3970 3971	do	James B. Clow & Sons Knowlton & Bennett Ed. Gordin Fairbanks, Morse & Co. Martin Metz. Carbondale Printing Co. Derrough & Co. C. A. Denman Pearl Adams. John B. Bennett R. B. Johnson. Chas. H. Miller W. W. Lindley, P. M. International Press Clipping Bureau. C. T. Bailey. J. H. & J. W. VanNatta. G. E. Stechert & Co. Knight & Struck Co.	Supplies	

No.	Date.	To whom.	For what.	Amour
	1913.			
3972	Dec. 13	Kutz Stationery Co W. E. Johns. Irving-Pitt Mig. Co. Leavitt Mig. Co. C. E. Durst. J. W. Lloyd. B. S. Pickett Franz A. Aust. H. A. Harding K. J. T. Ekblaw H. C. Wheeler R. W. Dickenson. Stella M. Hague Montgomery, Ward & Co. Standard Oil Co. Densmore & LeClear American Electric Co. American Radiator Co. Frederick B. Wright Harrington Mig. Co. Urbana & Champaign Ry. Gas & Electric Co. Henry A. Dreer, Inc.	Diaries.	\$ 31
3973	do	W. E. Johns	1914 Illio	2
3974	do	Irving-Pitt Mfg. Co	Ledgers, indexes	10
3975	do	Leavitt Mfg. Co	Laboratory apparatus	53
3976 3977 3978 3979 3980	do	C. E. Durst	Traveling expenses	9
3977	do	J W. Lloyd	do	48
3978 3979	do	B. S. Pickett	do	106 33
3979	do	Franz A. Aust	[do	33
	do	H. A. Harding	do	46
3981	do	K. J. T. Ekblaw	do	1
3982 3983	do	H. C. Wheeler	do	25 7
3983 3984	do	R. W. Dickenson	do	7
3984 3985 3986	do	Stella M. Hague	Laboratory supplies	7 42 15
3985 3986	do	Montgomery, Ward & Co	do	42
3986	do	Standard Oil Co	General supplies	15
3987	do	Densmore & LeClear	Pictures	25
3988	do	American Electric Co	General supplies	6
3989	do	American Radiator Co	Valves	1 10
3990	do	Frederick B. Wright	Portraits	10
3991	do	Harrington Mfg. Co	Mail straps	1
3992	do	Urbana & Champaign Rv. Gas & Elec	•	
	Ì	tric Co	Meter	7
3993	do	Henry A. Dreer, Inc	Laboratory supplies	13
3994	do	The Austin Engraving Co	General supplies	1 11
3995	do	George E. Amsbary Co	Sheeting	11
3996	do	Urbana & Champaign Ry. Gas & Electric Co.  Henry A. Dreer, Inc	Meter Laboratory supplies. General supplies. Sheeting Fans. General supplies. Paper Meat, lard. Meat. Cafe suppliesdoudo. Supplies. Butter Corn.	24
3997	do	G. Cramer Dry Plate Co	General supplies	24 30
3998 3999	do	The Lumiere Jougla Co	Paper	50 50 57
3999	do	Dallenbach Bros	Meat, lard	50
4000	do	Chicago Packing House	Meat	57
4001	do	J. S. Reimund	Cafe supplies	34
4002 4003	do	J. S. Reimindan Metzler & Schafer Co. John D. Bangs & Co. Twin City Creamery Co. J. A. Roland Kny-Scheerer Co. Houser & Sutton	do	41
4003	do	Metzler & Schafer Co.	do	107
4004	do	John D. Bangs & Co.	Supplies	25
4005	do	Twin City Creamery Co	Butter	35 497
4006	do	T A Roland	Corn	497
4005 4006 4007	do	Kny-Schoorer Co	Corn Laboratory apparatus	9
4008	do	Housen & Sutton	How	140
4009	do	I T Raker Chemical Co	HayChemicals	9 149 49
4009 4010	do	Houser & Sutton J. T. Baker Chemical Co. Snyder, Spencer, Fish, Howe, Howser Curtis.	Onemicais	10
4010	uo	Curtic Curtic	Testing	112
4011	do	Curus.  Roy N. Fargo.  Pearl Adams.  Automatic Electric Co.  Reliable Plumbing & Heating Co.  Ralph Chaplin  George Curtis.  Earl Garver.	Testing Traveling expenses. Feeding stuff	113 11 222
$\frac{4011}{4012}$	do	Poorl Adoms	Fanding chuff	222
4013	do	Automatic Electric Co	Office equipment	27
4014	do	Reliable Plumbing & Heating Co	Office equipment. Plumbing. Field expenses. Traveling expensesdodo.	27 74
4015	do	Relph Chaplin	Field expenses	60
4015 4016	do	Gaorga Curtic	Travaling avnances	60
4017	do	Earl Garvar	do	5
4018	Dec 15	H C Lawson	do	9
4019	do. 10	F M Clork	do	8
4020	do	H F Cordell	do	6
4020	do	Nalson H Onimatta	do	6 15
4021	do	M P Carleon	do	23
4022 4023	do	Chris C. Tangan	do	23 2 5 3 10 . 8
4023	do	W W Vann	do	#
4025	do	W I Mann	do	3
4026	40	Ralph Chaplin George Curtis. Earl Garver. H. C. Lawson. E. M. Clark H. F. Cogdall Nelson H. Ouimette M. R. Carlson. Chris C. Jenson. W Y Yapp W. J. Mann. J. C. Howser E. G. Howe. Julien L. Fish V. E. Spencer. L. C. Snyder R. E. Gayle. Western Union Telegraph Co. Western Union Telegraph Co. Central Union Telegraph Co. Contal Telegraph Cable Co. Central Union Telegraph Co. Western Union Telegraph Co. Western Union Telegraph Co. Contal Telegraph Co. Contal Telegraph Co. Contal Telegraph Co. Contal Telegraph Co. Contal Union State Reformatory. Godhart's Laundry J. W. Allen & Co. Stebbins Hardware Co. Morrisson, Plummer Co. A. C. McClurg & Co. The Miller Harness Co. E. H. Sargent & Co. Metzler & Schafer Co. Bacon Bros. Urbana, Champaign Ry., Gas & Electric Co. White Line Laundry.	do	10
4027	do	E G Howa	do	1 0
4928	do	Tulian I. Fich	do	. 87
4020	do	V E Spanger	do	1 7
4029 4030	do	I. C. Snyder	do	9
4031	do	P E Claylo	do	0
4032	do	Wastern Union Talegraph Co	Sarvice	8
4032	do	Wagtarn Union Talagraph Co	do	ı
4034	do	Poetal Talagraph Cable Co	do	14
4035	uo	Control II nion Tolonhone Co	do	18
4000	do	Illinois Stote Defermenters	Charts	15
4036 4037	Juo	Codbort's Loundry	Loundry	5 47
4038		T W Allen & Co	Coletino	32
4030	uo	Stabbing Tandware Co	Cogniete	92
4039	uo	Mourigan Dlummer Co	Most tubes	04
4040	qo	A C McClera & Co	1 est tubes	94 58
4041	ao	A. O. MCUIUIT & CO	Omce suppnes	58
4042	qo	The Miller Harness Co	kepairs	12
4043	do	E. H. Sargent & Co	Laboratory supplies	29
4044	do	Metzier & Schafer Co	do	9
4045	do	Bacon Bros	do	9
4046	do	Urbana, Champaign Ry., Gas & Elec-		
	l _	tric Co	do	582
4047	1 4 -	White Time Term dust	Loundry	95

No.	Date.	To whom.	For what.	Amou
	1913.			
4048	Dec. 15	Champaign News. Eugene Dietzgen Co. Woldenberg & Schaar Twin City Lee & Cold storage. The Shavings & Sawdust Co. Ernst Hertzberg & Son. Merck & Co. Bennets Magazine Agency Spaulding & Quirk. Illinois State Reformatory. U. of I. Supply Store. P. S. Campbell Ideal Electric Co. Champaign Steam Laundry. B. A. Strauch D. H. Lloyde. The Burr Co.	Advertising. Office equipment. Laboratory supplies. Ice. Feeding stuffs. Library supplies Laboratory supplies Office equipment. Supplies Printing.	\$ 18 189
4049 4050	do	Eugene Dietzgen Co	Office equipment	189
4050 4051	do	Woldenberg & Schaar	Laboratory supplies	63
4051	do	Twin City Ice & Cold storage	100	252 66 60 20 1 218 16 18
4052	ao	The Snavings & Sawdust Co	Feeding stuns	252
4053 4054	do	Morels & Co	Library supplies	60
4055	do,.	Rannats Magazina Aganey	Office equipment	20
4056	do	Spaulding & Quirk	Supplies	l "i
4057	do	Illinois State Reformatory.	Printing.	218
4058	do	U. of I. Supply Store	Office supplies	16
4059	do	P. S. Campbell	Printing	18
4060	do	Ideal Electric Co	Electrical supplies	34
4061	do	Champaign Steam Laundry	Laundry	55
4062 4063	do	B. A. Strauch	General supplies	58 12 17
4064		The Pure Co	do	10
4065	do	Chag A Hall Hardwara Co	do	1
4066	do	Tohn H Doyle	Laboratory supplies	1 8
4067	do	Ella R. Michaels	do	137 514
4068	do	Physicians Supply & Drug Co	Laboratory apparatus	137
4069	do	V. Mueller & Co.	do	514
4070 4071	do	Chicago Towel Co	Laundry	49
4071	do	Bennets Magazine Agency Spaulding & Quirk. Illinois State Reformatory. U. of I. Supply Store. P. S. Campbell Ideal Electric Co. Champaign Steam Laundry. B. A. Strauch. D. H. Lloyde. The Burr Co. Chas. A. Hall Hardware Co. John H. Doyle. Ella R. Michaels. Physicians Supply & Drug Co. V. Mueller & Co. Chicago Towel Co. Morrisson, Plummer & Co. J. B. Prescott & Son. Whitall-Tatum Co. Kasens Express & Van Co. Mallory & Mitchell Thos. Cusack & Co. C. L. Frame Dental Supply Co. Ritter Dental Supply House. S. S. White Dental Mfg. Co. Cleveland Seating Co. H. M. Hooker Co. International Forwarding Co. Demonstrators Assn. of Illinois Crane Co. E. H. Sargent & Co. I. Horrell. Western Lumber Co. Henry Troemmer.	Laboratory supplies	145
$\frac{4072}{4073}$	do	J. B. Prescott & Son	Laboratory apparatus	90
	do	W nitali-Tatum Co	Laboratory supplies	304
4074	do	Kasens Express & Van Co	Freignting and express	30
4075 4076	do	The Career & Co	Building contract	18 57
4077	do	C. I. Frama Dantal Supply Co.	Laboratory supplies	3
4078	do	Ritter Dental Supply House	Laboratory apparatus	1 3
4079	do	S. S. White Dental Mfg. Co.	Laboratory supplies	20
4080	do	Cleveland Seating Co	Furniture and fixtures	20
4081	do	H. M. Hooker Co.	Building materials	7
4082	do	International Forwarding Co	Freighting and express	1
4083	do	Demonstrators Assn. of Illinois	Laboratory supplies	67
4084	do	Crane Co	Plumbing repairs	1 2
0485	do	E. H. Sargent & Co	Laboratory apparatus	5 5 17
4086 4087	do	I. Horrell	Building materials	17 338
4088	do	Transa Transanas	T above town appearatus	330
4089	do	Dr E A Patarson	Lacture	4
4090	do	H. A. Hollister	Traveling expenses.	29
4091	Dec. 16	M. B. Austin & Co.	Electrical material	45 46 418 46
4092	do	Wabash R. R.	Freight	46
4093 4094	do	Illinois Traction System	do	4
4094	do	Keuffel & Esser	Office supplies	
4095	do	Weis Mig. Co	do	12
$\frac{4096}{4097}$	qo	J. W. Butler Paper Co		1 76
4097	do	D. H. Lloyde	do	16
4099	do	Wortern Carbon & Dibbon Co	do	7
4100	do	Mittendorf & Kiler	do	20
4101	do	Schmerhorn Brothers Co	do	15 73 14 49 20 20
4102	do	Neostyle Co	do	[
4103	do	S. S. White Dental Mig. Co. Cleveland Seating Co. H. M. Hooker Co. Linternational Forwarding Co. Demonstrators Assn. of Illinois. Crane Co. E. H. Sargent & Co. I. Horrell. Western Lumber Co. Henry Troemner. Dr. E. A. Peterson. H. A. Hollister. M. B. Austin & Co. Webash R. R. Illinois Traction System. Keuffel & Esser. Weis Mig. Co. J. W. Butler Paper Co. A. C. McClurg & Co. D. H. Lloyde. Western Carbon & Ribbon Co. Mittendorf & Kiler. Schmerhorn Brothers Co. Kalamazoo Multicopy Co. Taylor Hardware Co.	do	1 1
4104	do	Taylor Hardware Co	General supplies	1 :
4105	do	D. H. Lloyde	Laboratory supplies	
4106	do	S. E. Huff & Co	Laporatory apparatus	
4107 4108	oo	Wollzar & Mullilzan	Furniture and fixtures	
4108	do	Chag A Hall Hardware Co	Farm machinary	1 10
4110	do	Illinois State Reformatory	Printing.	1 1
4111	do	G. C. Willis	General supplies	19
4112	do	Champaign Seed Co	Feeding stuffs	412 76
4113	do	E. H. Sargent & Co	Laboratory supplies	76
4114	do	International Instrument Co	Laboratory apparatus	4
4115	do	A. S. Nelson & Sons	Laboratory supplies	.5
4116	ao	Baker & Co		826
4117 4118	Dec. 17	D. A. STRUCH	Laboratory apparatus	12
4118		Twin City Look Cold Charge Co	Laboratory apparatus	1 19
4120	do	The Daily Illini	Advartising	}
4121	do	Hibbard-Spancer-Bartlett Co	Laboratory apparatus	17
4121 4122	do	Marshall Field & Co	-do	51
4123	do	Mittendori & Kier Schmerhorn Brothers Co Neostyle Co Kalamazoo Multicopy Co Taylor Hardware Co D. H. Lloyde S. E. Huff & Co John H. Doyle Walker & Mulliken. Chas. A. Hall Hardware Co Illinois State Reformatory. G. C. Willis Champaign Seed Co E. H. Sargent & Co International Instrument Co A. S. Nelson & Sons Baker & Co B. A. Strauch Twin City Roofing Co Twin City Ice & Cold Storage Co The Daily Illini Hibbard-Spencer-Bartlett Co Marshall Field & Co Champaign Bottling Works Keystone Lubricating Co Reliable Plumbing & Heating Burroughs Adding Machine Co	do	"
4124	do	Keystone Lubricating Co.	Laboratory supplies	1 3
4125	do	Reliable Plumbing & Heating	do	826 15 14 178 51
4126	l do	Burroughs Adding Machine Co.	Office supplies	1 1

No.	Date.	To whom.	For what.	Amou
	1913.			
4127	Dec. 17	Twin City Bindery & Blank Book Co. B. F. Stevenson & Son. General Refractories Co. Charles Englehard. The Illinois Agriculturist. Superintendent of Documents Nationzl Biscuit Co. F. M. Leslie. Mittendorf & Kiler. John Smith. W. F. Handschin. H. P. Rusk. C. W. Crabtree. James H. Carter. Fred Falk.	Printing	\$ 10
4128	do	B. F. Stevenson & Son	Laboratory supplies	1
4129	do	General Refractories Co	do	22
4130	do	Charles Englehard	do	240
4131	do	The Illinois Agriculturist	Printing and publishing	85
4132	do	Superintendent of Documents	Library supplies	5
4133	do	National Biscuit Co	Care supplies	3
4134	do	F. M. Leslie	Furniture and fixtures	5
4135	do	Mittendori & Kiler		7
4136	do	John Smith	Expenses and services	10
4137	do	W. F. Handsenin	Traveling expenses	12
4138	do	H. P. KUSK		19
4139	do	Towns IT Combon	Hauling	1 8
4140	do	James H. Carter	rieid expenses	42
4141	do	Fred Falk	Tabanatana manalia	95
4142	do	Barnhart Bros	Laboratory supplies	
4143	do	Designation & Wilson	Tield and	17 17
4144	do	Benjamin & Wilson. Percival & Moorehead.	Con and annually	17
4145 4146	do	Percival & Moorenead	General supplies.	158
	do	R. E. Hieronymous	Cofe area is a	42
4147 4148	do	Chaster Transa Chasing Chan	Field expenses	16
4149	do	The Letter Shop	Clarical accietance	10
	do	Coast Products Co Chester Horse Shoeing Shop. The Letter Shop Knowlton & Bennett D. J. Dobbin	Expenses and services Traveling expensesdo. Hauling. Field expensesdo. Laboratory suppliesdo. Field expenses. General supplies. Lecture and traveling expenses. Cafe supplies. Field expenses. Clerical assistance. Laboratory supplies. Feeding stuffs. Lecture are traveling expenses. Letture and traveling expenses. Field expenses. Field expenses. Laboratory supplies.	1
4151	do	D I Dobbin	Fooding ctuffe	13
4152	do	Metzler & Schofer Co	Laboratory supplies	5
4153	do	The Braun Corporation	A nnaratus ranaire	٠
4154	do	Dr Stillione	Laboratory cumplies	. 2
4155	do	Boland Machinery Co	Machina rangire	19
4156	40	W. I. Roland Machinary Co.	Plumbing	-8
4157	40	Boland Machinery Co	do	4
4158	do	Illinois Central R. R.	Freight	27
4159	do	C. C. C. & St. L. B. B.	do	79
4160	Dec. 18	Funk: Wagnalls Co	Library supplies	15
4161	do	F. M. Leslie	Furniture and fixtures	47
4162	do	Fairbanks Morse & Co	Machine renairs	27
4163	do	Central Electric Co	Electric supplies	93
4164	do	H. W. Johns-Manville Co	General supplies	25
4165	do	Mittendorf & Kiler	Furniture and fixtures	6
4166	do	Knowlton & Bennett. D. J. Dobbin Metzler & Schafer Co. The Braun Corporation Dr. Stillians. Boland Machinery Co. W. J. Boland Machinery Co. Boland Machinery Co. Boland Machinery Co. Illinois Central R. R. C., C., C. & St. L. R. R. Funk; Wagnalls Co. F. M. Leslie. Fairbanks, Morse & Co. Central Electric Co. H. W. Johns-Manville Co. Mittendorf & Kiler. Urbana & Champaign Ry., Gas & Electric Co. H. Mueller Mig. C Standard Oil Co. G. C. Willis. J. C. White. C. A. Denman D. H. Lloyde Percival & Moorehead Bacon Bros. John H. Doyle. Alexander Lumber Co.	Laboratory apparatus	4
4167	do	H Mueller Mfg C	Plumbing	34
416	do	Standard Oil Co	Ganaral cumplies	25
4169	do	G C Willie	Tanitors, cumplies	49
4170	do	I C White	Plastering	266
4171	do	C. A. Danman	Painting	36
4172	do	D. H. Lloyde	General supplies	
4173	do	Percival & Moorehead	Laboratory supplies	Ē
4174	do	Bacon Bros	General supplies	ē
4175	do	John H. Dovle	do	2
4176	do	Alexander Lumber Co	do	7
4177	do	John H. Doyle Alexander Lumber Co. Knowlton & Bennett.	Building material	8
4178	do	J. B. Bennett	General supplies	28
4179	do	Western Electric Co	Electrical supplies	372
4180	do	Twin City Roofing Co	General supplies	218
4181	do	The Burr Co	do	11
4182	do	Illinois State Reformatory	Printing	10
4183	do	Charles A. Hall Hardware Co	General supplies	$\epsilon$
4184	do	Taylor Hardware Co	do	67
4185	do	Mrs. Anna L. Porter	Kentals	100
4186	do	Electric Coal Co	Coal	3,80
4187	do	soc. Fromotion Engineering Education .	Library supplies	. 1
4188	do	G. Gennert.	General supplies	1
4189	ao	Aured L. Fitch	General supplies	1
4190	qo	Natnan R. Graves	[.:ao	6
4191	ao	Keasoner Bros	Nursery stock	6
4192	do	F. K. Kobeson	Laporatory supplies	7
4193	ao	Knowlton & Bennett. J. B. Bennett. Western Electric Co. Twin City Roofing Co. The Burr Co. Illinois State Reformatory. Charles A. Hall Hardware Co. Taylor Hardware Co. Mrs. Anna L. Porter Electric Coal Co. Soc. Promotion Engineering Education G. Gennert. Alfred L. Fitch. Nathan R. Graves. Reasoner Bros. F. K. Robeson T. Dobbins. Alexander, Ward & Conover Harshaw, Fuller & Goodwin Co. The Dixie Music House	r eeaing stuns	1 405
4194	qo	Alexander, Ward & Conover	Live stock	1, 427
4195	ao	Harsnaw, Fuller & Goodwin Co	Laboratory supplies	7 1
4196	qo	The DIXIe Music House	Apparatus repairs	7
4197	ao	Mcintosn Stereopticon Co	Laboratory apparatus	. 8
4198	qo	Automatic Electric Co	General supplies:	12
4199	qo	Geo. B. Carpenter & Co	[ao	2
4200	qo	Diamond Electric supply Co	Electrical supplies	23
4201	do	McMaster Carr Supply Co	Macnine repairs	, 75
4202	qo	Harshaw, Fittler & Goodwin Co. The Dixie Music House. McIntosh Stereopticon Co. Automatic Electric Co. Geo. B. Carpenter & Co. Diamond Electric Supply Co. McMaster Carr Supply Co. Green Engineering Co. Frances E. Laben. Bryan-Marsh Electric Works.	T. 12	8
4203	ao	rrances E. Laben	Library supplies	5 <b>52</b>
4204				

No.	Date.	To whom.	Foriwhat.	Amou
	1913.			
4205	Dec. 18	W. Lewis & Co. Luitwieler Pumping Engine Co. James G. Biddle. F. J. Burns & Co. F. L. Swanson & Son. C. W. Johnson. Philadelphia Storage Battery Co. National Carbon Co. B. A. Strauch.	Janitors' supplies	\$ 3
4206	do	Luitwieler Pumping Engine Co	Machine repairs	35
4207	do	James G. Biddle	Apparatus repairs	6
4208 4209	do	F. J. Burns & Co.	Laboratory supplies	4
4210	do	C W Johnson	Apparatus repairs. Laboratory supplies. do. Auditorium acoustics.	
4211	do	Philadelphia Storage Battery Co	Apparatus repairs. Electric supplies Office supplies Janitors supplies General supplies Machine repairs. Plumbing.	5 21 12
4212	do	National Carbon Co	Electric supplies	12
4213	do	B. A. Strauch.	Office supplies	1 3
4214	do	Southern Illinois Penitentiary	Janitors supplies	3
4215	do	Vaughans Seed Store	General supplies	5
4216 4217	do	Westinghouse Machine Co	Machine repairs	70 37
4217 4218	do	National Carolof Co B. A. Strauch Southern Illinois Penitentiary. Vaughans Seed Store. Westinghouse Machine Co Smith-Totman Co Urbana & Champaign Ry., Gas & Electric Co	Piumoing	37
1210	uo	tric Co	Electric power	200
4219		Dan Dan Chan D. III-lan	Dl	4
$4220 \\ 4221$	do	Dean Bros. Steam Fump Works. Eisner Grocery Co. John W. Lloyd. A. W. Nolan Harrison Fahrnkopf. Harry C. Gilkerson. Wm. Schlotzhauer	Plumbing. Janitors' supplies. Traveling expenses.	12 12
4221	do	John W. Lloyd.	Traveling expenses	12
4222	do	A. W. Nolan	do	6
4223	do	Harrison Fahrnkopf	do	19
4224 4225	do	Harry C. Gilkerson	do	13
$\frac{4225}{4226}$	do	Wm. Schlotzhauer	Field expenses	170 7
4226 4227			Traveling expensesdododododododo	18
1228	do Dec. 17	I. D. White. Postoffice Clerk	Postage	18 315
4229	1 44	Bacon Bros	Building materials	6
4230	do	O. E. Staples, Bursar	Express paid	71
4231	do	O. E. Staples, Bursar	Freight and express December, 1913	71 45 5,579
4232	do	Pay roll	December, 1913	5,579
	1	Argo, Roy	Wages, Décember, 1913. \$55 00	1
		Barto, Lucy M		
		Confor M. T	do	}
		Cools Tossa	.do	1
	•	Crawford T P	do	
	1	Foor, H.	do	}
		Harolle, Claude	do	
		Hough, William	do 83 33	1
		Jenkins, Elmer	do 60 00	1
		Kelley, J. R.	do 57 50	1
		Meenach, Earl	do	1
		Meenach, O. E.	do	
		Moore P O	do	i
		Patterson Will	do	)
	l	Pritchard, H	do	ı <b>i</b>
		Pritchard, R.	do 60 00	ı
		Rhoads, Hazel	do 60 00	1
	1	Rose, M. D.	do	1
		Sprinkle, D. C.	do	1
	ļ	Stoneburner, A. J.	do	
1		Pergande, R	do	3
		Wilcon P W	do	
	1	Atkinson O. G	do	
	1	Boswell James	do	
	1	O. E. Staples, Bursar O. E. Staples, Bursar Pay roll Argo, Roy Barto, Lucy M Chaplin, Ralph Conley, M. J Cook, Jesse. Crawford, T. P Foor, H. Harolle, Claude. Hough, William Jenkins, Elmer Kelley, J. R. Meenach, Earl Meenach, O. E Morgan, J. E Moore, P. O Patterson, Will Pritchard, H Pritchard, R Rhoads, Hazel Rose, M. D Sprinkle, D. C Stoneburner, A. J Pergande, R Swearingen, Daisy O Wilson, R. W Atkinson, O. G Boswell, James Brown, C. F Brown, E. J Broyles, W. H Conrad, Bride Cummings, J. S Cunningham, Perley Curry, Florence J Dale, Fred Engle, Lawrence Grabbe, Florence H Hamm, Charles Hamn, Charles Hamn, Charles Hamn, Charles Hamn, Charles Hamn, Clyde Hamlin, Hiram Heath, William Jensen, George Lankford, R. A Lowery, Kathryn MeQueen, H. D Marshall, Samuel A Miller, W Mink, George	do	n)
	1	Brown, E. J.	do	)]
	1	Broyles, W. H.	do	1 ,
	1	Conrad, Emma	do 22 10	1
		Coffey, J. H.	do	ŀ
	1	Cummings, J. S.	do	
		Curry Florence I	.do	] -
		Dala Fred	.do	
		Engle, Lawrence	do	il
		Grabbe, Florence H.	do	
		Hamm, Charles	do	)
		Ham, Raymond	do	)
		Hamlin, Člyde	do 60 00	0
	1	Hamlin, Hiram	do	1
	1	Heath, William	do	!
		Jensen, George	do	!
•		Lankiord, K. A.	do	
		Lowery, Kathryn	do	
	i	Morehall Samuel A	do	
	1	Millor W W	do	il .
		Mink George	do	5
		INTERNAL COURSESSES OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PRO	1 #1 00	1

No.	Date.	To whom.	For what.	Amount
O 4232	1913.	Mink, J. D. Moore, H. E. Nesbif, Lawrence. Pergande, Charles Glinn Peterson, A. C. Proesel, William Redman, Louise E. Reynolds, Mrs. Elizabeth Sanders, Frank Shaffer, Guy Shipman, Cash. Shue, Mrs. Lizzie B Stives, M. F. Herbert, J. J. Anderson, J. C. Clarke, Ethel Diekmon, T. W. Engle, Ralph. Ford, Nellie C. Glover, R. C. Johns, W. E. Andrews, J. B. Ansen, Julius Badger, C. J. Behling, Edwin Bennett, W. L. Bunch, Mamie Burdick, I. F. Carlson, M. R. Cate, H. A. Campbell, C. A. Chapman, C. C. Crouch, H. E. Dunlap, B. H Engle, W. J. Garver, Earl Hampton, John Harry, W. L Hunter, L. A Jensen, C. C. Jones, Garfield Lankford, John Lawson, H. C. Ouimette, N. H. Palfrey, J. R. Palsey, I. Pine, Fred Reed, Alice Sinns, Flora Smith, J. F. Stark, R. W. Tornquest, Andrew Walters, Philip Pay roll Perry, Leonora Smith, J. F. Stark, R. W. Tornquest, Andrew Western Union Telegraph Co Library of Congress. International Harvester Co		
Cld.	Dec. 16	Mink, J. D.	Wages, December, 1913. \$ 50 00	
		Moore, H. E	do 50 00	
-	l	Nesbit, Lawrence	do	
		Peterson A C	do 47 50	
	j .	Proesel, William	do	
		Redman, Louise E	do	
		Reynolds, Mrs. Elizabeth	do	
	[	Sanders, Frank	do	
		Shaffer, Guy	do 50 00	
	ļ	Ship Mrs Liggio B	do 22 20	
	1	Stives. M. F	- do - 50 00	
	Í	Herbert, J. J.	do	
	{	Anderson, J. C	do 70 00	
	l	Clarke, Ethel	do	
	j	Diekmon, T. W	do	}
	ĺ	Engle, Raiph	do	
		Glover D C	do 50 00	
	1	Johns W E	do 37 50	
		Andrews, J. B.	do	
		Ansen, Julius	do	
		Badger, C. J	do	
	1	Behling, Edwin	do	
		Bennett, W. L.	do 70 00	
		Bunch, Mamie	do	
		Carlson M P	do 60 00	
		Cate, H. A	do 70 00	
		Campbell, C. A	do	
	1	Chapman, C. C.	do 100 00	
		Crouch, H. E	do 115 00	
	ł	Dunlap, B. H.	do 60 00	
	1	Convey Flori	do	
		Hampton John	do 65 00	
	l i	Harry W. L	do	
		Hunter, L. A.	do	
		Jensen, C. C.	do 55 00	
		Jones, Garfield	do	
		Lankford, John	do	
		Lawson, H. C.	do	
		Polfray T P	do 75.00	
	ł	Palsey, T	-do55 00	
	ļ	Pine, Fred	do	
		Reed, Alice	do 55 00	
		Sims, Flora	do 83 33	
		Smith, J. F.	do 70 00	
		Tornaugt Andrew	do 75 00	
		Walters Philip	do 75 00	
4233	Dec. 17	Pay roll	December, 1913	\$ 150
		Perry, Leonora	Salary, Décember, 1913. \$100 00	
	_	Smith, L. H	do 50 00	
4234	do	Pay roll	December, 1913	188
,		Durley, Franc A	Salary, December, 1913 \$50 00	
	-	Tattery, Amanda	do 66 66	
4235	Dec. 18	Western Union' Telegraph Co	Service	10.5
4236	do	Library of Congress	Cards.	10 5 75 (
	do	Katz, Louise W Western Union Telegraph Co. Library of Congress. International Harvester Co.	Freight and express	7 (
4238	do	Charles A. Campbell	Field expenses	52 5
4239 4240	do	H. J. Snider	do	15 22
4240 4241	qo	U. U. Logan	Traveling expenses	
4241	uo	William Underhill Moore	do do	20 10
4243	do	J. M. Lindgren	Experiment and services	40
4244	do	International Harvester Co. Charles A. Campbell H. J. Snider C. C. Logan Robert W. Stark William Underhill Moore. J. M. Lindgren J. Kennedy Kincaid Western Union Telegraph Co.	do	20 19 40 50 27 5,846
4245	do	Western Union Telegraph Co.	Services.	27
4246	Dec. 19	Pay roll	December, 1913	5,846
		Arneson, Mabel	Salary, December, 1913. \$ 75 00	
		Browne, W. H.	do	
		J. M. Jindgren J. Kennedy Kincaid Western Union Telegraph Co. Pay roll Arneson, Mabel Browne, W. H. Cole, H. W. Coles, B. D. Froberg, Eric	do 100 00	
1		Froherg Eric	do 75 00	
		T.10000169 TITEO	10 00	

No.	Date.	To whom.	For what.	Amou
4246	1913.	Hwasser, Anna Julia. Southwell, James. Tomlinson, J. S. Schur, Raymond. Allen, Josephine. Bolan, Anna R. Loomis, Metta. David, Eshoo. Gubbins, Maud. David, Paul. Healan, Louise B. Klena, Joseph. Badel, Nathan Gelda, Isak. Tomek, Gertrude. Anderson, Frank H. David, Simon. George, Elia. Josef, George. Kastanos, John. Kolan, John. Watson, Ethel Eva. Schultze, S. George. Burmeister, W. H. Dreyer, George P. Eycleshymer, A. C. Fantus, Bernard. Gardner, Stella. Gehrman, Adolph. Hakenson, Eric Gosta. Haskell, J. E. Jones, T. S. Lincoln, Mary C. Miller, E. G. Moore, J. J. Rupert, R. R. Small, J. C. Welker, W. H. Bartlett, Dr. Frank Kaiser Siegbahn, Nils. Gaffney, Carl O. Davis, D. J. Falls, Frederick H. Bake, L. E. Bernard, F. S. Collidge, E. D.		
Cld.	Dec. 18	Hwasser, Anna Julia	Salary, December, 1913 \$ 50 00	
		Southwell, James	115 00	
	1	Schur Raymond	do 125 00	
		Allen. Josephine.	do	
	l	Bolan, Anna R	do	ļ
		Loomis, Metta	do	İ
	l .	Gubbins Mand	do 60 00	
	1	David, Paul	do	
	1	Healan, Louise B	do 50 00	
	i .	Klena, Joseph	do	
	l	Gelda Tsak	do 50 00	ĺ
	l .	Tomek, Gertrude.	do	
	1	Anderson, Frank H	do 80 00	ŀ
	1	David, Simon	do	
	1	Josef George	-do50 00	
	i	Kastanos, John	do	
		Kolan, John	do	
	i	Watson, Ethel Eva	do 45 00	
	1	Burmeister, W. H.	do	
		Dreyer, George P	do	
		Eycleshymer, A. C.	do	
	l	Fantus, Bernard	do 83 33	İ
	1	Gehrman, Adolph	do	
	1	Hakenson, Eric Gosta	do	
		Haskell, J. E	do	}
	1	Jones, T. S.	do 108 33	
		Miller, E. G.	do	ł
	1	Moore, J. J.	do	i
	l	Rupert, R. R.	do 166 66	ļ
	l	Welker W H	do 208 33	
		Bartlett, Dr. Frank Kaiser	do	
		Siegbahn, Nils	do 60 00	
		Gaffney, Carl O	do	
		Falls Frederick H	do 50 00	
	1	Bake, L. E.	do	
	1	Bernard, F. S.	do 40 00	
	l	Collidge, E. D.	do	
		Gallie D. M	do	
		Falls, Frederick H Bake, L. E. Bernard, F. S. Collidge, E. D. Dittmar, Walter Gallie, D. M. Hixson, Arthur Lee, H. C. McGuire, J. C. Moon, Dr. V. H. Moorehead, F. B. Noyes, F. B. Schultz, Louis.	do	
		Lee, H. C	do	
		McGuire, J. C.	do	}
	1	Moorehead, F. B	do	
	1	Noyes, F. B.	do	
		Schultz, Louis	do	
		Starr, S. P	do	
4247	Dec. 19	Noyes, F. B. Schultz, Louis. Starr, S. P. Hiskey, George M. F. M. Leslie. U. of I. Supply Store. Elmer & Amend. E. H. Sargent & Co. General Electric Co. Ernst Hertzberg & Sons. Hegenbart Co. John H. Doyle. Central Electric Co. Williams Bros.	Laboratory supplies	\$ 16
4248	do	U. of I. Supply Store	Library supplies	19
4249	do	Eimer & Amend	Laboratory supplies	19 61
$\frac{4250}{4251}$	do	General Electric Co	Fan rangire	419
4252	do	Ernst Hertzberg & Sons.	Library supplies	137
4253	do	Hegenbart Co	Laboratory supplies	4
$\frac{4254}{4255}$	do	John H. Doyle	Fencing.	4 17
4256	do	Williams Bros	General supplies	10
4257	do	Williams Bros. Illinois State Reformatory.	General supplies Printing	19
4258	do	D. H. Lloyde	General supplies	3.3
$\frac{4259}{4260}$	do	Woldenberg & Schaar	Laboratory supplies	214 61
4261	do	C. A. Denman	Painting	01
4262	do	Percival & Moorehead.	Building material	15
4262 4263	do	The Burr Co.	Apparatus	24
4263 4264 4265	do	Mittendorf & Kiler	Furniture and fixtures	33
4265 4266	do	Williams Bros. Illinois State Reformatory. D. H. Lloyde. Woldenberg & Schaar P. S. Campbell C. A. Denman. Percival & Moorehead The Burr Co. Mittendorf & Kiler Standard Oil Co. The Western Electric Co. Metzler & Schafer Co. E. H. Sargent & Co.	Electrical supplies	27
4267	do	Metzler & Schafer Co.	Laboratory supplies	i
4268	do	E H Sargent & Co	do	30

No.	Date.	To whom.	For what.	Amou
	1913.	P. S. Campbell Marshall Field & Co. Wanner Machinery Co People's Gas Light & Coke Co. Chicago Medical Book Co. Corbin Cabinet Lock Co. Liquid Carbonic Co. A. C. McClurg & Co. E. H. Sargent & Co. Hospital Supply Co. H. O. Shephard Co. C. L. Frame Dental Supply Co. Pittsburgh Plate Glass Co. D. Shor Co. Bausch & Lomb Optical Co. Freeman-Sweet Co. V. Mueller & Co. Riddiford Brothers. Mass Brothers.		
4269	Dec. 19	P. S. Campbell	Printing	\$ 32
4270	do	Marshall Field & Co	Laboratory supplies	17
$\frac{4271}{4272}$		Wanner Machinery Co	Omce equipment	8
4273	do	Chicago Medical Book Co	Ganaral cumpliag	32
4274	do	Corbin Cabinet Lock Co	Laboratory supplies	122
4275	do	Liquid Carbonic Co	do	122
4276	do	A. C. McClurg & Co.	do	40
4277	do	E. H. Sargent & Co	do	8
4278	do	Hospital Supply Co	do	13
4279	do	H. O. Shephard Co	Office supplies	12
4280	do	C. L. Frame Dental Supply Co	Laboratory apparatus	:
$\frac{4281}{4282}$	do	Bittabanah Blata Class Co	r urniture and fixtures	:
4283	do	D Shor Co	Loboratory gunnling	175
4284	do	Rangeh & Lomb Ontical Co	Furniture and fixtures	17
4285	do	Freeman-Sweet Co	Laboratory apparatus	1
4286	do	V. Mueller & Co	General supplies	2
4287	do	Riddiford Brothers	Janitors' supplies	1
4288	do	Maas Brothers	General supplies	29
1400	do	Maas Brothers. Morrison-Plummer Co.	do. Laboratory supplies. Furniture and fixtures. Laboratory apparatus. General supplies. Janitors' supplies. Janitors' supplies. Laboratory supplies. Drayage Janitors' supplies. Cafe supplies. Cafe supplies. Laboratory apparatus. Nursery stock. General supplies. do. Laboratory supplies. do. Laboratory supplies. do. Laboratory supplies. Janitors' supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies.	10
4290	do	Morrison-Plummer Co. Madison Teaming Co. The Cudahy Packing Co. W. R. Bradley Rieckhoff's Bakery. Central Scientific Co.	Drayage	1.
4291	do	The Cudahy Packing Co	Janitors' supplies	5
4292	do	W. R. Bradley	Cafe supplies	1
4293	do	Rieckhoff's Bakery.	Care supplies	
4294		Central Scientific Co.	Laboratory apparatus	.
4295	do	Vaughans Seed Store. Henry Fuerman & Son H. W. Johns-Manville Co. Urbana Automobile Co. Lyling Vision Cost	Conord symplica	20
$\frac{4296}{4297}$	do	Henry Fuerman & Son	General supplies	
4298	do	Trhone Automobile Co	Laboratory gunnling	· '
4299	do	Tulius King Ontical Co	do	
4300	do	Julius King Optical Co	Furniture and fixtures	
4301	do	Spaulding & Quirk	Laboratory supplies	
4302	do	Bausch & Lomb Optical Co	do	38
4303	do	Electric Appliance Co	Laboratory apparatus	2
4304	do	Spaulding & Quirk. Bausch & Lomb Optical Co. Electric Appliance Co. Diack & Smith. B. W. McCready Cork Co.	Laboratory apparatus. Laboratory supplies. _ do.	1
4305	do	R. W. McCready Cork Co	do	:
4306	-,uv	Onas. A. Su eninger Co	Daboratory apparatus	1.
4307	do	Tinius Olsen Testing Machine Co	Apparatus repairs	1
4308	do	Crerar, Adams & Co	Laboratory supplies	1
4309	do	Chas. A. Strelinger Co. Tinius Olsen Testing Machine Co. Crerar, Adams & Co. Hill & Griffith Co.	Apparatus repairs. Laboratory apparatus. Laboratory supplies. do Laboratory apparatus.	
4310 4311	do	The Wedgeworth Core Machine Co	Laboratory apparatus	50
4312	do	Voughn Miller Co.	do	15
4313	do	Gym Store	do	[
4314	do	I B Bennett	Building materials	1.
4315	do	Blakeslee & Jarvis	Laboratory supplies	-
4316	do	A. S. Nelson & Sons.	General supplies	1
4317	do	J. Horace McFarland Co	Printing	3.
4318	do	Charles Scribners Sons	Library supplies	
4319	do	Jesse Jones Paper Co	General supplies	1 '
4320	do	The Roland Press Co	Library supplies	
4321	do	Eimer & Amend	Laporatory supplies	10
$\frac{4322}{4323}$	Dec. 20	The I ablet & Ticket Co	Furniture and factures	13
4324	do	Paonles Connerative Co	General supplies	2
4325	do	Tinius Olsen Testing Machine Co. Crerar, Adams & Co. Hill & Griffith Co. Patterson, Gottfried & Hunter. The Wadsworth Core Machine Co. Vaughn-Miller Co. Gym Store. J. B. Bennett. Blakeslee & Jarvis. A. S. Nelson & Sons. J. Horace McFarland Co. Charles Seribners Sons. Jesse Jones Paper Co. The Roland Press Co. Eimer & Amend. The Tablet & Ticket Co. The Ideal Electric Co. Peoples Cooperative Co. Schwietzka Brothers. Eisner Grocery Co. The University Press. National Engraving Co. Hibbard, Spenner-Bartlett Co. Astrid S. Rosing. Illinois State Penitentiary. Harrison Fahrnkopf. Rance Sutton. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar.	Field expenses	1
4326	do	Eisner Grocery Co.	Laboratory supplies	1
4327	do	The University Press	Printing	
4328	do	National Engraving Co.	Printing and publishing	
4329	do	Hibbard, Spencer-Bartlett Co	Office equipment	1 '
4330	do	Astrid S. Rosing	Drains	10
4331	do	Illinois State Penitentiary	Janitors supplies	3:
4332	do	Harrison Fahrnkopi	Field expenses	1.
4333	do	Rance Sutton	do	18
4334	do	O. E. Staples, Bursar	General labor	293 319
4335 4336	op	O. E. Staples, Bursar	Traveling avnenges and labora	31
4000	uo	о. в. stapies, bursar	tory	20
4337	do	Western Union Telegraph Co	Telephone and telegraph	14
4338		J. B. Andrews.	Traveling expenses	2
4339	do	Central Union Telephone Co	Service	19
4340	do	Automatic Electric Co	Office equipment	2
4341	do	C. A. Denman.	Office equipment	36
4342	Dec. 22	Morrisson, Plummer & Co	Laboratory supplies	5.
4343	do	Morrisson, Plummer & Co Commonwealth Edison Co	Electrical power	51
4344	do	Ahrens & Schreiner	Heart. salt	1
4345	do	The Imperial Mfg. Co	General suppliesLaboratory supplies	25
4346	l do	Southern Illinois Penitentiary	Laboratory supplies	108

No.	Date.	To whom.	For what.	Amou
	1913.			
4347	Dec. 22	C. R. Richards. Whitall-Tatum Co. Alexander Lumber Co. Dr. Lloyde Dunhams, Importers & Breeders J. E. Smith. H. W. Mumford. B. E. Powell Beardsley Hotel. O. E. Staples, Bursar O. E. Staples, Bursar Ebner Lee & Cold Storage Co. Egyptian Packing Co. Samuel Campbell H. A. Hollister Adam Seitz.	Traveling expenses	\$ 143
) 4348 ) 4349	do	Whitall-Tatum Co	Tinctures	19
4350	ao	Dr Lloyde	Twine	6
4351	ido	Dunhams, Importers & Breeders	Horses	2.500
4352 4353 4354 4355	do	J. E. Smith. H. W. Mumford B. E. Powell Beardsley Hotel O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. Samuel Campbell H. A. Hollisfer Adam Seitz James G. Biddle E. H. Sargent & Co Bacon Bros Taylor Hardware Co D. H. Lloyde P. S. Campbell The Cushman Chuck Co. Thomas Charles Co. Sheldon Brick Co. Alexander Lumber Co. D. A. Abrams. Western Valve Co Westinghouse Electric & Mfg. Co. Westinghouse Machine Co. The E. H. Wachs Co. Swartz Electric Shop The Chas. A. Hall Hardware Co Hoosier Mfg. Co. J. W. Dunlap The Cudahy Packing Co.	Poultry house	2,500 10
4353	do	H. W. Mumford	Traveling expenses	68
4354	do	B. E. Powell		14
) 4355 ) 4356 ) 4357	do	O E Stanles Burger	Student labor	41 438
4357	do	O. E. Staples, Bursar		495
4358	do	Ebner Ice & Cold Storage Co.	Apple crates.	12
4359	do	Egyptian Packing Co	Barrels, storage	145
4360 4361	do	Samuel Campbell.	Tiling	245 .20
4361 4362	do	H. A. Hollister	Traveling expenses	,20
4363	do	Tames G. Riddle	Annaratus	300 170
4364	.do	E. H. Sargent & Co	Platinum rods	24
4365	do	Bacon Bros.	Laboratory supplies	24 1
4366	do	Taylor Hardware Co	Pails	1
4367 4368	Dec. 23	D. H. Lloyde	Paper	
4368	do	P. S. Campbell	Gummed slips	6
4369 4370	do	The Cushman Chuck Co	Laboratory supplies	12
4371	do	Sheldon Brick Co	Paying blocks	48 48 12 4 205 3 88 5 13 3 15 84
4372	do	Alexander Lumber Co.	Lumber	12
4373	do	D. A. Abrams.	Traveling expenses	4
4374 4375	do	Western Valve Co	Plumbing supplies	205
4375	do	Westinghouse Electric & Mfg. Co	Electrical materials	3
4376	do	Westinghouse Machine Co	Machine repairs	88
4377	do	Swartz Electric Shop	Dry calls	12
4378 4379	do	The Chas. A. Hall Hardware Co.	Furnace cement	3
4380	do	Hoosier Mfg. Co.	Soap	15
4381	do	J. W. Dunlap	Labor	84
4382	do	The Cudahy Packing Co.	Soap powder	12 49 18
4383	do	Bryan Marsh Electric Works	Lamps	49
4384 4385	do	Walker & Mulliker	Soap Labor	
4386	do	Independent Harvester Co	Counters	20
4387	do	Knowlton & Bennett	Glass	8
4388	do	Standard Oil Co.	Glass Oil Concrete work	8 5 88 4 16
4389	do	Frank A. Hawley	Concrete work	88
4390	do	John H. Doyle.	Files	4
$\frac{4391}{4392}$	do	Mittendori & Kiler	Stair treads, snades	16
4393	do	The Burr Co	Stair treads, shades. Lumber Foundry work	57 13 100
4394	do	Reliable Plumbing & Heating Co	Plumbing	100
4395	do	Western Electric Co.	Lamps Labor, material Freight, charges	7
4396	do	Leavitt Mfg. Co	Labor, material	315 10
4397	do	G. W. Sheldon & Co.	Freight, charges	10
4398	do	The Champaign News.	Subscription	4
4399 4400	do	Chivers Book Binding Co	Books	6
4401	do	G. Broes Van Dort Co.	Subscription Bulletin Books Book	9
4402	do	Joseph McDonough & Co.	Books	10
4403	do	Peter Stammer.	do	25
4404	do	The Willis Music Co.	do	3
4405	ao	Egypt Exploration Fund	do	60 5
4406 4407	do	U. of I. Supply Store	do	10
4408	do	Harvard College Library	Catalog cards	16
4409	do	W. W. Blake	Books	16 26
4410	do	Hudson Book Co	Booksdodo.	4
4411	do	G. Schirmer	do	1
4412 4413	op	Albert B. Gray Special Collector	Coal	182 951
4414	do	The Weis Mfg Co	Office supplies	18
4415	do	Champaign County Abstract Co.	Oraning tax Office supplies Abstracts Cow	5
4416	do	Alexander, Ward & Conover	Cow	57
4417	do	Weil Bros	Plumbing supplies.  Laboratory supplies.  Laboratory apparatus.	57 232 12
4418	do	Woldenberg & Schaar	Laboratory supplies	12
4419	do	Chicago Steel Tape Co	Laboratory apparatus	1
4420	0	Word's Natural Science Establish	Sewer. Laboratory apparatus	53 140
4421 4422	uo	The Frederick Post Co	Paper	149
4423	do	Swartz Electric Shop The Chas. A. Hall Hardware Co. Hoosier Mfg. Co. J. W. Dunlap The Cudahy Packing Co. Bryan Marsh Electric Works. United States Radiator Corporation Walker & Mulliken Independent Harvester Co. Knowlton & Bennett Standard Oil Co. Frank A. Hawley John H. Doyle. Mittendorf & Kiler W. W. Walls & Co. The Burr Co. Reliable Plumbing & Heating Co. Western Electric Co. Leavitt Mfg. Co. G. W. Sheldon & Co. The Champaign News. A. L. A. Publishing Board Chivers Book Binding Co. G. Broes Van Dort Co. Joseph McDonough & Co. Peter Stammer. The Willis Music Co. Architectural Book Publishing Co. Egypt Exploration Fund U. of I. Supply Store Harvard College Library W. W. Blake Hudson Book Co. G. Schirmer Electric Coal Co. Albert B. Gray, Special Collector. The Weis Mfg. Co. Champaign County Abstract Co. Alexander, Ward & Conover Well Bros Woldenberg & Schaar Chicago Steel Tape Co G. A. Garrison Ward's Natural Science Establishment. The Frederick Post Co. Walker & Mulliken B. A. Strauch G. Cramer Dry Plate Co.	PaperShades	8 2
4424	do	B. A. Strauch	General aupplies	8 2
4425	40	G Cramar Dry Plata Co	Laboratory supplies	38

No.	Date.	American Journal of Science. Wm. Gaertner & Co. Driver Harris Wire Co. Vida Hunt Francis, General Secretary. Barnhart Bros. Harris-Dillavou & Co. J. C. Thomas. The Chester Transfer Co. A. Roland Twin City Ice & Cold Storage Co. Champaign Seed Co. John H. Doyle W. F. Engle. Niemann Bros. Mfg. Co. Anerican Radiator Co. P. S. Campbell. Twin City Printing Co. National Poland-China Record Co. Twin City Roofing Co. O. E. Staples, Bursar F. W. Garrett. W. J. Carmichael Wilhelm Miller. O. E. Staples, Bursar J. J. Rinard. A. Daigger & Co. Scheidel-Western X-Ray Coil Co. Spencer Lens Co. I. Horrell The S. S. White Dental Mfg. Co. Elmer D. Brothers. O. E. Staples, Bursar A. C. McClurg & Co. The Boston Book Co. Bennett's Newspaper & Magazine Agency Ernst Hertzberg & Sons. G. E. Stechert & Co. Mass Brothers Western Lumber Co. A. C. McClurg & Co. Chans Brothers Western Lumber Co. A. C. McClurg & Co. Mass Brothers Western Lumber Co. A. C. McClurg & Co. Commonwealth-Edison Co. The Peoples Gas Light & Coke Co. Mars Brothers Western Lumber Co. A. C. McClurg & Co. Commonwealth-Edison Co. The Peoples Gas Light & Coke Co. Morrisson, Plummer & Co. Pay roll Denney, Helen Dodds, Lois. Doisy, E. A Fischer, H. L Gray, Ruth Hart, P. M. Hutchinson, O. E. K Jackson, Mabel Lerch, Edward Miller, C. A Reichardson, H. R Smith, Gladys Williams, E. C Fleming, V. R Geist, H. F. Haynes, J. K Newell, C. R Bradlord, Albert Harding, C. F Small, Mark Goodspeed, W. S Illinois Central R. R. Co. Novelty Supply Co E. Leitz H. W. Johns-Manville Co. S. E. Huff & Co. C. C. & St. L. Ry. Co. Chen Whitan R. R. Co. Novelty Supply Co. E. Leitz H. W. Johns-Manville Co. S. E. Huff & Co. Chen Whitan R. R. Co. Novelty Supply Co. E. Leitz H. W. Johns-Manville Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Chen Whitan R. R. Co. Ch	For what.	Amount.
	1913.			
O] 4426	Dec. 23	American Journal of Science	Printing	\$ 55
O 4427 O 4428	do	Wm. Gaertner & Co	Laboratory supplies	2 2 2 2 6
0 (4429	do	Vida Hunt Francis, General Secretary	Book.	5
O 1.4430	do	Barnhart Bros	Supplies	3 3
O 4431 O 4432	do	Harris-Dillavou & Co	Coal	21 1 2 1
O 4432	do	The Chester Transfer Co	Dravage	27 6
O 4434 O 4435	do	A. Roland	Corn	372 9
O 4435	do	Twin City Ice & Cold Storage Co	Coupon book	25 0
O 4436 O 4437	do	Champaign Seed Co	Pine	22 5 3 0
O 4438	do	W. F. Engle	Chicken	12.4
O 4439 O 4440	do	Niemann Bros. Mfg. Co	Coops, pens	12 4 50 6
0 4440	do	Anerican Radiator Co	Regulator	5 0 16 5
O 4441 O 4442	Dec. 24	Twin City Printing Co	Printing	16 5
0 4443	do	National Poland-China Record Co.	Certificate	4 0
O 4443 O 4444	do	Twin City Roofing Co	Farm machinery, etc	T 42 5
O 4445	do	O. E. Staples, Bursar	Express bills	7 42 5 32 2
O 4446 O 4447	do	W. J. Carmichael	Traveling expenses	26 4
O 4447	do	Wilhelm Miller	do	10 9 20 0
O 4449 O 4450 O 4451	do	O. E. Staples, Bursar.	Sundry bills	3 5 130 0
O 4450	do	J. J. Rinard	Rent of land	130 (
0 4451	do	A. Daigger & Co	Laboratory supplies	459 8
O 4452 O 4453	do	Spancar Long Co	Lamp	10 0
O  4454	do	I. Horrell	Kevs	104 ( 2 (
O 4455	do	The S. S. White Dental Mfg. Co	Laboratory apparatus and sup-	100
O 4456	do	Elmer D. Brothers	Lectures	. 166 3
O 4457	do	O. E. Staples, Bursar	General labor	200 2
O 4458	do	A. C. McClurg & Co	Books	339 4
O 4459	do	The Boston Book Co	Cubaconin tions	7 3
O 4460 O 4461	do	Ernet Hertzberg & Sone	Rinding	249 1
O 4462	do	G. E. Stechert & Co.	Books	371 7
O 4462 O 4463 O 4464 O 4465	do	Maas Brothers	Supplies	7 3 7 5 242 1 371 7 72 7 45 2
O 4464	do	Western Lumber Co	Lumber	45 2
O 4465	do	Commonweelth-Edison Co	Omce supplies	14 4
O 4466 O 4467	do	The Peoples Gas Light & Coke Co	Gas	245 6 5 9
O 4468	do	Morrisson, Plummer & Co	Laboratory supplies	48 8 638 0
O 4469	do	Pay roll	December, 1913	638 0
		Denney, Helen	Wages, December, 1913 2 50	
		Doisy, E. A	do	
		Fischér, H. L	do 19 19	
	l	Gray, Ruth	do	
		Hutchingon O E V	7 80 30	
		Jackson, Mabel	do	
		Lerch, Edward	do	
	1	Miller, C. A.	do	ł
		Richardson, H. R.	do	
		Williams E C	do 12 00	
		Fleming, V. R.	do	
		Geist, H. F	do 90 00	
		Haynes, J. K	do	
		Readford Albort	do 31 50	
		Harding, C. F.	-do	
		Small, Mark	do	
		Goodspeed, W. S.	do 83 33	
O 4470 O 4471	Dec. 29	Illinois Central R. R. Co	Freight	85 2 78 2
0 4471	do	C., C., C. & St. L. Rv. Co	_do	11 5
0 4473	do	The Wabash R. R. Co	do	42 3
3 4474	Dec. 30	Novelty Supply Co	Examination books	42 3 189 7 6 8
O 4474 O 4475 O 4476	do	E. Leitz.	Laboratory apparatus	6.5
O 4476 O 4477	ao	S E Huff & Co	Lumber	16 8 10 1
0 4478	do	Utzinger & Wharton	Coats	9 6
0 4479	do	Gulick Tailoring Co	Swimming trunks	9 ( 55 5
O 4480	do	The Whitaker Paper Co	Paper	40 0
O 4481	do	Unampaign & Urbana Water Co	Flumbing materials	4 0 4 9
O 4482	do	Tomos B Clow & Sons		

No.	Date.	To whom.	For what.	Amount
	1913.			
O 4484	Dec. 30	Henry Fuermann & Sons. Charles N. Brown. W. M. Griffin, Agent. National Engraving Co. C. H. Stoelting Co. H. Swannell & Son. Andrew Tornquist. Eugene Dietzgen Co. R. R. Donnelley & Son. Feldmann System Mfg. Co. N. J. Bartlett & Co. Harwood Frost. W. M. Welch Mfg. Co. Urbana & Champaign Ry. Gas & Electric Co.	Prints do Telephone service Etchings Discs Supplies do Pen Printing Supplies Books Ods Magazine cover	\$ 2 0 5 0
O 4485 O 4486	do	Charles N. Brown	Talanhona sarvica	5 0 15 5
O 4487	do	National Engraving Co	Etchings	3 9
O 4488	do	C. H. Stoelting Co.	Discs.	3.0
O 4489	do	H. Swannell & Son	Supplies	3 2 12 0
O 4490	do	Andrew Tornquist	do	12 0
O 4491 O 4492 O 4493	do	Eugene Dietzgen Co	Pen	9 112 9
O 4493	do	Faldmann System Mfg Co	Supplies	41 6
O 4494	do	N. J. Bartlett & Co.	Books.	46 1
O 4495	do	Harwood Frost	do	46 1 1 0
O 4496	do	W. M. Welch Mfg. Co	Magazine cover	5
O 4497	do	Urbana & Champaign Ry. Gas & Elec-	Poles, tar	00.0
O 4498	do	tric Co. The Cleveland Twist Drill Co	Laboratory supplies	29 2 15 0
O 4499	do	F. W. Post	Library supplies	3 0
O 4500	do	J. B. Ford Lumber Co	Drains	53 0
O 4501	do	C. L. Alsberg	Library supplies	2 0 10 0 8 2 4 2 5 1 20 7 69 5 69 5
0 4502	do	J. H. Pettit	do	10 0
O 4503	do	Westinghouse Electric Co	Laboratory apparatus	8 2
O 4504 O 4505	do	Edison Storage Bettery Co	Laboratory supplies	4 2
O 4501 O 4502 O 4503 O 4504 O 4505 O 4506	do	Osgood Co.	Printing and publishing	43 5
O 4507 O 4508	do	Library Bureau	Office supplies	1 2
O 4508	do	P. D. Foster Planing Mill	Furniture and fixtures	1 5
O 4509	do	C. C. Logan	Traveling expenses	20 7
0 4510	do	A. E. Morris	Field expenses	69 5
O 4511 O 4512	do	Augusta D. Evans	Traveling expenses	11 1
O 4507 O 4508 O 4509 O 4510 O 4511 O 4512 O 4513	do	Ennis Hay Co	Feeding stuffs	2 2
0 4514	do	E. E. Hoskins	Traveling expenses	10 7
3 4515	do	Postal Telegraph Cable Co	Service	4 7
O 4516	do	Western Union Telegraph Co	Telephone and telegraph	22 0
0 4517	do	Western Union Telegraph Co	do	2 2 10 7 4 7 22 0 12 9
O 4518 O 4519	do	Central Union Telephone Co	do	6 5 1 4 3 9
O 4514 O 4515 O 4516 O 4517 O 4518 O 4519 O 4520	do	S F Huff & Co	Ruilding metarials	3 6
O 4521	do	Flanigan-Pearson Co	Printing and publishing	75 4 13 6 1 6 9 4
O 4522	do	Taylor Hardware Co.	General supplies	13 6
O 4523	do	U. of I. Supply Store	Office supplies	1.6
O 4521 O 4522 O 4523 O 4524 O 4525 O 4526 O 4527	do	John H. Doyle	Laboratory apparatus	9 4
0 4525	do	S. E. Huff & Co.	do	61 6 18 9
O 4526 O 4527	do	A C McClurg & Co	Library supplies	18 9
0 4528	do	Knowlton & Bennett	General supplies	17 3
O 4528 O 4529 O 4530 O 4531	do	Alexander Lumber Co	Fencing.	36 0
O 4530	do	Bauer & Black	Laboratory apparatus	19 2 29 9
O 4531	do	Leavitt Mfg. Co	Apparatus repairs	29 9
O 4532 O 4533	do	Horton Co	Laboratory supplies	2 8
O 4533 O 4534	do	International Ashgan Craphite Co	do	25
O 4534 O 4535	do	Reliable Plumbing & Heating Co	Laboratory apparatus	2 8 2 8 2 8 17 9
O 4536	do	Eisner Grocery Co.	Laboratory supplies.	1 3
O 4536 O 4537 O 4538	do	National Engraving Co	Printing and publishing	1 3 37 3
O 4538	do	L. B. King	Building materials	6.5
0 4539 0 4540 0 4541 0 4542	do	Cuillett Metal Supple Ca	Electrical materials	11 4
O 4540 O 4541	do	Rausch & Lomb Ontical Co	Laboratory appearates	10 ( 144 (
3 4542	do	Eimer & Amend	Laboratory supplies	3 5
3 4543	do	Henry J. Green	Apparatus repairs	12 ( 3 ( 8 2 8 2 60 ( 10 6 15 8
0 4543 0 4544 0 4545	do	Thos. Nelson & Sons	Library supplies	3
4545	do	Merck & Co	Laboratory supplies	8 :
4546	do	Wilson-Maeulen Co	do	. 8
0 4547 0 4548 0 4549	do	Chas. Engelhard	Laboratory apparatus	60 (
) 4548	ao	Floatrie Appliance Co	Toborotory supplies	10
4550	. do	Brown & Sharpe Mfg Co	Laboratory apparetus	15
3 4551	do	Machinists Supply Co.	Laboratory supplies	3
3 4552	do	Marine Biological Laboratory	do	8
O 4553	do	Edward Pennock	Laboratory apparatus	3 8 8 0 136 6
O 4550 O 4551 O 4552 O 4553 O 4554 O 4555	do	Physicians Supply & Drug Co	Laboratory supplies	2 8
O 4555 O 4556	00	Unas. E. Prentice	rumiture and fixtures	2 8
O 4557	do	Western Kieley Steem Specialty Co	Machine renaire	20 (
O 4557 O 4558	do	Lewis M. Ellison	do	1 5 2 9 63 9
O 4559	do	W. M. Welch Mfg. Co. Urbana & Champaign Ry. Gas & Electric Co. The Cleveland Twist Drill Co. F. W. Post. J. B. Ford Lumber Co. C. L. Alsberg. J. H. Pettit. Westinghouse Electric Co. Pierce & Stevens. Edison Storage Battery Co. Osgood Co. Library Bureau. P. D. Foster Planing Mill. C. C. Logan. A. E. Morris. Augusta D. Evans. W. H. Smith. Ennis Hay Co. E. E. Hoskins. Postal Telegraph Cable Co. Western Union Telegraph Co. Western Union Telegraph Co. Central Union Telephone Co. Reliable Plumbing & Heating Co. S. E. Huff & Co. Flanigan-Pearson Co. Taylor Hardware Co. U. of I. Supply Store. John H. Doyle S. E. Huff & Co. Bennetts Magazine Agency. A. C. McClurg & Co. Knowlton & Bennett. Alexander Lumber Co. Bauer & Black Leavitt Mfg. Co. Horton Co. E. H. Sargent & Co. International Acheson Graphite Co. Reliable Plumbing & Heating Co. E. Huff & Co. Horton Co. E. H. Sargent & Co. Morton Co. E. H. Sargent & Co. International Acheson Graphite Co. Reliable Plumbing & Heating Co. Esner Grocery Co. National Engraving Co. L. B. King. Central Electric Co. Guillott Metal Supply Co. Bausch & Lomb Optical Co. Eimer & Amend Henry J. Green. Thos. Nelson & Sons. Merck & Co. Wilson-Maeulen Co. Chas. Engelhard J. W. Butler Paper Co. Electric Appliance Co. Brown & Sharpe Mfg. Co. Marine Biological Laboratory. Edward Pennock. Physicians Supply & Drug Co. Chas. E. Prentice E. J. Niemann Western Kieley Steam Specialty Co. Lewis M. Ellison Bryan Marsh Electric Works. Carrol J. Badger. W. H. Smith.	Electrical materials	63 8
O 4560	do	Carrol J. Badger.	Traveling expenses	10
O 4561	l do	W. H. Smith	do	8 (

No.	Date.	To whom.	For what.	Amou
1560	1913.	Development Transferre	m	
0 4562 0 4563	Dec. 30	Dunhams, Horse Importers Alexander Lumber Co.	Traveling expenses Laboratory supplies	\$ 5
4564	do	J. E. Whitchurch	Field expenses	20
4565	do	J. E. Whitchurch E. E. Hoskins. F. P. Collyer	Traveling expenses	23
4566	do	F. P. Collyer	Experiment services and travel-	
1505		C. H. Collins. C. H. Collins. Mrs. Mary Reid George Lindsey The Tablet & Ticket Co. John H. Doyle. Taylor Hardware Co. U. of I. Supply Store. C. C. Short. Bennetts Magazine Agency. J. C. Thomas. Barnahrt Bros.	ing expenses	18
4567 4568		C. H. Collins	Feeding stuffsdo	185
4569	o	Mrs Mory Paid	Rentals	652
4570	do	George Lindsey	do.	60
4571 4572 4573	do	The Tablet & Ticket Co	Office supplies Laboratory supplies Genera supplies	l ĭŏ
4572	do	John H. Doyle	Laboratory supplies	14
4573	do	Taylor Hardware Co	. Genera supplies	11
4574 4575	do	U. of I. Supply Store	Office supplies	118
4575 4576	do	C. C. Snort.	Field expenses Library supplies Laboratory supplies.	9 7
4577	do	T. C. Thomas	Laboratory supplies	4
4578	do	Barnahrt Bros	Annaratus renairs	5
4579	do	Barnahrt Bros. Twin City Roofing Co. The Central Law Journal Co.	Apparatus repairsBuilding materials	6
4580	Dec. 31	The Central Law Journal Co	Books	) š
4581	1 00	Herbert W Milmiord	Traveling expenses	9
4582 4583	do	H. I. Carpenter	Plano tuning	8
4583	do	H. I. Carpenter. Geo. B. Carpenter & Co. The Garlock Packing Co. The Eisner Grocery Co.	Piano tuning.  Machine repairs  General supplies.	12
4584 4585		The Garlock Packing Co	Tonitor graphics	13
4586	do	The Eisner Grocery Co.  C. J. Welch. Wizard Products Co. John C. Moore Corporation. Mueller Brothers. Scientific Materials Co.	Building materials	2
4586 4587	do	Wizard Products Co	Janitors' supplies	20
4588	do	John C. Moore Corporation	Printing	13
4589	do	Mueller Brothers	. Laboratory apparatus	15
4590	do	Scientific Materials Co	do	84
4591 4592	do	D. T. Dobbins F. S. Burch	Feeding stuffs. General supplies Feeding stuffs. Shoeing	, ,
	do	F. S. Burch	General supplies	15
	do	W. A. Hobbs. Chester Horseshoeing Shop.	Shooing	16 17
4594 4595	do	Library Rurgan	Book	3
4596	do	T. J. Colvin	Laboratory supplies	3
4597	do	Montgomery, Ward & Co	Jacket and crates	6
4598	do	Chester Horsesnoeing Snop. Library Bureau. T. J. Colvin. Montgomery, Ward & Co. Spaulding & Quirk. Alexander Lumber Co. Mallinckrodt Chemical Works. The Latter Shop.	Jacket and crates Laboratory supplies.	1
4599	do	Alexander Lumber Co	Roofing	27
4600	do	Mallinckrodt Chemical Works	Laboratory supplies	24
4601	uo	The Letter Shop	Laboratory supplies.  Roofing Laboratory supplies.  Copying Storage Books	4
4602 4603	do	Chicago Proof Storage Warehouse G. E. Stechert & Co. American Assn. of Law Libraries.	Storage	3
4603 4604	do	G. E. Stechert & Co	do	51 8
4605	do	Prof. H. G. Wells	Laboratory apparatus	4
4606	do	McLaughlin-Mateer Co	Laboratory supplies	$2\hat{5}$
4607	do	American Multigraph Sales Co	Laboratory supplies. Office equipment repairs. General supplies.	
4608	do	Harris-Dillavou & Co	. General supplies	111
4609	do	D. M. Sims. Smith-Totman Co.		6
4610 4611	do	Smith-Totman Co	General supplies Building materials Machine repairs	78
4611 4612	do	Barnhart Brothers	Machine repairs	8 143
4613	do	The Burr Co		3
4614	do	General Electric Co	Hilectrical materials	530
4615	do	S. E. Huff & Co	General suppliesdo	38
4616	do	Flanigan-Pearson Co	. do	123
4617	do	Taylor Hardware Co. John H. Boyle. Western Electric Co. Twin City Roofing Co.	. do	4
4618	do	John H. Boyle	Building materials	59
4619	do	Western Electric Co	Electrical supplies	75
4620 4621	do	TWIN City Kooning Co	Books Haterial, labor	30 567
4622	do		Painting	1
4623	do	Bacon Brothers Illinois State Reformatory.	Printing	102
4624	1 40	Rannatte Magazina Aganev	Magazines	122
4625	do	Knowlton & Bennett	. Laboratory supplies	3
4626	do	Knowlton & Bennett. Central Electric Co.	Printing Magazines Laboratory supplies Electrical supplies	69
	1914.		1	
4627	Jan. 3	L. E. Foglesong	Traveling expenses	32
4628	do	Taylor Hardware Co	Supplies	219 44
4629	do	O. E. Staples, Bursar	Express bills noid	48
4630	ao	O. E. Staples, Bursar	Student labor	152
$\frac{4631}{4632}$	do	O E Staples Bursar	General labor	257
4633	Jan.	McNeal C. James	. Traveling expenses	43
4634	do	L. E. Foglesong. Taylor Hardware Co. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. McNeal C. James. H. A. Hollister. Prof. Otto Rahn. Augusta D. Evans.	. do	8
4635	do	Prof. Otto Rahn	. Charts and express	5
4636	do	Augusta D. Evans. O. S. Watkins. P. W. Jones	Traveling expenses	7
4637	do	O. S. Watkins	do	229
4638	1do	P. W. Jones	. recams soms	449

No.	Date.	To whom.	For what.	Amour
	1914.	Neostyle Co. Schmerhorn Brothers Illinois State Reformatory. U. of I. Supply Store Keuffel & Esser Co. J. W. Butler Paper Co. The Underwood Typewriter Co. D. H. Lloyde. A. C. McClurg & Co. Illinois Central R. R. C., C., C. & St. L. R. R. Co. The Wabash R. R. C., C., C. & St. L. R. R. Co. J. B. Bennett. A. C. McClurg & Co. Ernst Hertzberg & Sons. Standard Oil Co. Green Engineering Co. Alexander Lumber Co. C. A. Denman. Hunter, Rourke & Co. Barnhart Brothers. Standard Calorimeter Co. Twin City Ice & Cold Storage Co. Bacon Brothers. U. of I. Supply Store. E. H. Sargent & Co. The Burr Co. Illinois State Reformatory. J. B. Bennett. Narragansett Machine Co. J. B. Marshall Willian Aten, Sr Hoffman & Krooff Chemical Co. Walker & Mulliken. Hoskins Mig. Co. Thwing Instrument Co. Baker & Co. Browne & Sharpe Mig. Co. Jones & Laughlin Steel Co. The Linde Air Products Co F. D. Kirkpatrick. Ben Pershin. F. A. Jorgensen. August Corts & Son. Banner Lumber & Hardware Co. John H. Doyle Shenandoah Nurseries. George B. Utley. F. A. Pearson. G. W. Medley. J. W. Dow. Charles Englehard. Brandy Mig. Supply Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers. Scott Paper Co. Certal Electric Co. Pressed Prism Plate Glass Co. Schmerhorn Brothers.	Office supplies	
4639	Jan. 5	Neostyle Co	Office supplies	\$ 5
4640 4641	do	Schmernorn Brothers	Printing	14 149
4642	do	III of I Supply Store	Office supplies	6
4643	do	Keuffel & Esser Co.	-do	49
4644	do	J. W. Butler Paper Co	do	49 106
4645	do	The Underwood Typewriter Co	do	3
4646	do	D. H. Lloyde	do	10
4647 4648	Top 6	Illinois Control P. P.	Freight	94 9
4649	do	C. C. C. & St. L. B. B. Co	-do	9
4650	do	The Wabash R. R.	do	25 31
4651	do	C., C., C. & St. L. R. R. Co	do	31
4652	do	J. B. Bennett	Building material	9
4653		Ernet Hentaberg & Cons	Library	13 5
4654 4655	do	Standard Oil Co	do	12
4656	do	Green Engineering Co	Machine repairs	13
4657	do	Alexander Lumber Co.	General supplies	2
4658	do	C. A. Denman	Painting	41
4659	do	Hunter, Rourke & Co	Fencing.	41 40
4660	do	Standard Colorinator Co	Furniture repairs	2
$\frac{4661}{4662}$	ao	Twin City Ica & Cold Storage Co	Tee and water	8 36
4663	do	Bacon Brothers	General supplies	2
4664	do	U. of I. Supply Store	Office supplies	1
4665.	do	E. H. Sargent & Co	Laboratory supplies	15
4666	do	The Burr Co	Plumbing	22
$\frac{4667}{4668}$	do	Illinois State Reformatory	Tiling	209 11
4669	do	Narragansett Machina Co	Women's gymnasium	24
4670	do	J. B. Marshall	Hauling.	22
4671	do	Willian Aten, Sr	do	9
4672	do	Hoffman & Kropff Chemical Co	Laboratory supplies	2
4673	do	Walker & Mulliken	Furniture repairs	1
4674	do	Thyring Instrument Co	Laboratory apparatus	31 104
4675	do	Roker & Co	Laboratory supplies	4
$\begin{array}{c} 4676 \\ 4677 \end{array}$	do	Browne & Sharpe Mfg. Co	Laboratory apparatusdo Laboratory supplies. Laboratory suppliesdo .do .Laboratory suppliesdo .Laboratory suppliesdo Labor Services. General supplies. Building materials	7
4678	do	Jones & Laughlin Steel Co	Laboratory supplies	7
4679	do	The Linde Air Products Co	do	3
4680	.do	F. D. Kirkpatrick	do	5
$\frac{4681}{4682}$	00	Ben Persnin	Sarviges	60 10
4683	do	August Corts & Son	General supplies	3
4684	.do	Banner Lumber & Hardware Co	Building materials	3 19
4685	do	Jolly-Wieland Richardson Co	do	59
4686	do	Burke & James.	General supplies	3 32
4687	do	Kent & Elliott Coal Co	Machine repairs	32
4688 4689		Shanandash Nursarias	Nursery stocks	3 19
4690	do	George B. Utlev	Traveling expenses	26
4691	do	F. A. Pearson	do	26 39
4692	do	G. W. Medley	Building materialsdo General supplies Coal Machine repairs Nursery stocks Traveling expenses do Labor do	34
4693	do	J. W. Dow	T about our gun-lier	. 1
4694	00	Brandywing Sum Kaolin & Fold Co	Labor	76 7
4695 - 4696	uo	Flat Iron Store Co.	Shades	4
4697	do	Fred E. Kilbury	Turkey	5
4698	do	B. A. Struach	General supplies	1
4699	do	Whitall-Tatum Co	Laboratory supplies	1
4700	do	Snavings & Sawdust Co	Poofing	52
4701 4702	uo	Fairbanks, Morse & Co	Machine repairs	18
4703	do	U. S. Bottling Supply Co	Laboratory supplies	3
4704	do	American Shropshire Registration Assn.	Certificates	3 15
4705 4706	do	F. K. Robeson	General supplies	5
4706	do	D. H. Lloyde	Office supplies	5
4707 4708		E. W. Sampson	Renairing floor	9
4709	do	Machinists Supply Co	General supplies	8
4709 4710	do	Pressed Prism Plate Glass Co	General supplies. Glass. Suppliesdo. Furniture and fixtures. Electrical supplies. Tools. Machine repairs. Magazine	9
4711	do	Schmerhorn Brothers	Supplies	36
4712	do	Scott Paper Co	do	24
4713	do	Central Electric Co	Furniture and fixtures	5
4714	00	Chicago Engineer Supply Co	Tools	21
$\frac{4715}{4716}$	uo	Phoenix Automatic Filter Co	Machine repairs	16 6 2
		T TOOLLY TRUUTING TIME OF OUR CO.	minoritio tobamo	U

No.	Date	To whom.	For what.	Amoun
	1914.	J. W. Butler Paper Co. Flanigan-Pearson Co. Pay roll. Arrington, C. E. Artwell, M. W. Bailey, J. E. Barnes, V. R. Bevis, H. Brown, Basil. Brown, Harry. Bullock, D. M. Butler, Thomas. Cedusky, John. Crathorne, F. Cunningham, F. Davis, Joseph. Dibble, E. P. Downing, H. Fay, T. J. Fender, Fred. Fender, Louie. Fiscus, J. J. Fender, Louie. Fiscus, J. J. Fogarty, W. Fox, Guy Freeman, C. Y. Graybeal, W. H. Hamlin, Sell. Hanson, Samuel. Hargar, E. Henderson, T. O. Hill, Charles. Hixon, W. G. Hixon, W. G. Hunt, Oscar L. Hutton, Ross. Irvine, Frank. Irvine, James. Jones, Margaret. Justus, E. W. Langhoff, A. Langhoff, A. Langhoff, Fred. Lewis, E. C. Litton, A. C. Long, Thomas. McClughen, Frances. McClughen, Frances. McClughen, Frances. McClughen, Frances. McClughen, Frances. McClughen, J. Sesse. Miller, C. M. Morgan, J. E. Morgan, Rebecca. Murphey, Ruthe. Nagle, Sybbil. Newton, J. R. Nikolaus, Jacob Perry, F. M. Purkins, J. F. Quinn, William Richards, Ed. Ryan, Mary Eservis, A. Smelth, C. R. Smilth, C. J. Snyder, J. Stateler, F. Templin, William		
4718	Jan. 6	J. W. Butler Paper Co	Printing	\$ 12
4719	do	Flanigan-Pearson Co	do	1
4720	do	Pay roll	December, 1913	10,791
	ļ	Arrington, C. E.	Wages, December, 1913 \$ 65 10	2
	Į.	Rojlov T F	do 50 49	
		Rarnes V R	do 100 80	
	1	Bevis H	-do52 80	6
		Brown, Basil	do	()
	'	Brown, Harry	do	)(
		Bullock, D. M	do 68 77	'
	ł	Butler, Thomas	do	9
	ŀ	Cedusky, John	do	5
	i	Crathorne, F	do	?
	1	Cunningnam, F	71 00	3
		Dibble F D	do 92 02	
	1	Downing H	- do 58 27	3
	l	Fav. T. I	do	ol
	l	Fender, Fred	do	5
	1	Fender, Louie	do	3
		Fiscus, J. J.	do 65 55	5
	1	Fogarty, F	do 56 70	)
	1	Fogarty, W	do	?
	1	Fox, Guy	ao	2
	1	Crewbeel W T	uo	?
		Hamlin Sall	do 54 00	i i
		Hanson Samuel	do 72.50	í l
		Hargar, E	do	íl
		Henderson, T. O.	do	3
		Hill, Charles	do 99 63	3
	1	Hixon, W. G	do	)
	1 .	Hunt, Oscar L	do	)]
		Hutton, Ross	.do 67 85	5
	1	Irvine, Frank	do 77 00	2
		Irvine, James.	1	
	1	Jones, Margaret	100 00	
		Lenghoff A	do 82 55	(
	1	Langhoff Fred	do 65 78	ál .
	1	Lewis. E. C.	do 72 87	į į
		Litton, A. C.	do 61 53	3
	1	Long, Thomas	do 85 59	)
		McAllister, A. J	do	3
	ì	McCulough, James	do	1
	1	McClughen, Frances	10.50	
		McClughen, F. E., Mrs	do 90 00	3
		Mahornay H H	do 75 67	<i>;</i> }
	1	Manaeley Dan	do 63 09	2
	1	Meenach, O. E.	do	5
	i	Meyers, Jesse	do	
	1 .	Miller, C. M	do 58 17	[
	1	Moran, A	do	2
	1	Morgan, J. E.	10 00	(
	1	Morgan, Repecca	45 90	(
	1	Murphey, Kuthe		()
	i	Newton T R	do 74 90	á
	1	Nikolaus Jacob	do 65 10	í
	1	Perry F. M	do 65 78	ál
	1	Purkins, J. F	1do	3 ·
	1	Quinn, William	ldo 69 30	)
	1	Richards, Ed	do 104 16	3
	I	Ryan, Mary E	do:	2
	1	Servis, A	do	<u> </u>
	1	Sinciair, C. R.	do	3
	1	Smith, W. J.	120 13	
-	1	Stateler F	do	il i
	1	Templin William	do	
	1	Sinclair, C. R. Smith, W. J. Snyder, J. Stateler, F. Templin, William Tillotson, I. F. Toy, George. Turner, George. Warmbier, August Weaver, M. C. Wharmby, Ed. Wilde, William.	do	ĭl .
	1	Tov. George.	do	
	1	Turner, George	do	3
	1	Warmbier, August	do	ol .
	1	Weaver, M. C.	do 78 00	ol .
	I	Wharmby, Ed	do	3
	1	Wilde, William	do 96 10	)

No.	Date.	Wilson, Frank Boyce, W. A. Boyce, W. A. Boyer, G. W. Booher, M. C. Booker, A. J. Bradford, Albert Brannigan, John Brumley, C. A. Campbell, Mathew Carothers, Cevilla. Carrick, Oland William Carson, Rolla A. Cheever, J. W. Collins, A. L. Cooly, John. Corson, A. J. Craig, J. D. Davis, C. M. Davis, C. M. Davis, Edward. Dunseth, C. A. English, B. F. Ensor, Russell Fabert, H. F. Fechtruph, Herman Franklin, F. T. Glenn, David. Glenn, V. S. Gray, William J. Griffin, G. C. Gundloch, Charles. Higgins, Harry. Hoover, F. F. Hudnut, Hale M. Johnson, C. C. Johnson, Sam, Kirby, Clyde Collins. Kliem, J. A. J. Langhoff, William Long, J. F. Lyons, T. M. McFadden, W. J. MacMillion, Lee. Manley, Verna Mattoon, C. E. May, U. G. Mock, Forrest. Moody, D. L. Moore, C. P. Nelson, C. Q. Peterson, Nick Pollard, Charles. Reed, B. L. Sandwell, Martin. Shriver, Alonizo L. Shipley, J. E. Smalley, G. F. Snook, Orval. Sowers, A. L. Sparks, Marion E. Speedie, A. C. Stearns, L. M. Stipes, George. Surbaugh, C. A. Thomson, H. T. Trimble, W. W. Utterback, Oliver J. Vanderundy, Harvey Walters, Prentice Therman Wells, Lawson Wells, Teddie Edwin Wilson, Wesley Rachwalski, L. Barden, H. E. Balden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H. E. Barden, H.	For what.	Amou
	1914.			
4720	Jan. 6	Wilson, Frank	Wages, December, 1913. \$ 43 20	1
Ctd.		Boyce, W. A	do	1
		Boyer, G. W	do 93 60	
		Booher, M C	do	)
		Booker, A. J.	do	١.
	ļ.	Bradford, Albert	do	
	1	Brannigan, John	do53 00	
		Brumley, C. A	do	
	l	Campbell, Matnew	.do	ĺ
		Carothers, Cevina	.do	
		Carrick, Cland William	do	1
		Charren T W	.do	
	1	Colling A T	do 62 80	1
		Cooler Tolor	do	
	Į.	Cooly, John	do	
	l	Corson, A. J	.do	1
		Craig, J. D.	do	
		Davis, C. M	73 20	1
		Dungoth C A	do	l
	}	English R F	-do	1
	1	Engar Duggell	-do	
	1	Febert H F	do 55 40	
	1	Fachtruph Harman	do	
	İ	Franklin F. T	do	1
	1	Glenn David	do	1
	i	Glenn V S	do 54 80	1
	ļ	Gray William J	do	ł
		Griffin, G. C.	do	
	1	Gundloch Charles	do 87 33	1
		Higgins Harry	do	{
		Hoover, F. F.	do 62 26	
	1	Hudnut, Hale M.	do 61 60	
	1	Johnson, C. C.	do	1
	1	Johnson, Sam	do	
		Kirby, Clyde Collins	do	d .
	1	Kliem, J. A. J	do 71 61	
		Langhoff, William	do 56 58	l l
		Long, J. F	do 78 12	1
		Lyons, T. M	do	1
	1	McFadden, W. J	do 50 00	!
		MacMillion, Lee	do	
	i	Manley, Verna	do	1
	ł	Mattoon, C. E	do	1
		May, U. G	do	
		Mock, Forrest	do	ĺ
		[Moody, D. L	do	\
	ļ	Moore, C. P	do	
		Nelson, C. Q	do	
	1	Peterson, Nick	do	
		Pollard, Charles	do	
	1	Reed, B. L.	do	
	1	Sandwell, Martin	do	1
	1	Shriver, Alonzo L	-do	1
	1	Snipley, J. E.	do	1
	I	Smalley, G. F	do	
	l	Snook, Orval	do	1
	1	Sowers, A. L	do	l
	I	Oparks, Marion E	do 93 60	l
	I	Steams T. M	do65 10	
	1	Stings Coorge	do	
	ļ	Surbough C A	do	1
	1	Thomson H L	do	
	{	Trimble W W	do	1
	l	Tittorhook Oliver I	do	
	1	Vondeventer I H	_do	4
	l	Von Gundy Harvey	do	Į.
	1	Wolters Prentice Therman	do	l
	1	Wells Lawson	do	
	1	Walls Teddie Edwin	.do	
	1	Wilson Charlie	ido	· I
	į.	Wilson Wesley	do	
	I	Rachwalski, J	do	1
	1	Baldwin L. E	_do21 40	1
	1	Barden, H. E.	do	l.
	1	Blackburn, F. J.	do	
	1	Brandon, J. F.	do	l
	1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	do	d .

No.	Date.	To whom.	For what.	Amount
	1914.			
O 4720	Jan.	Colbert, J. R.	. Wages, December, 1913. \$37 95	
Cld.	1	Dale, Herman Danielson, R. R.	. do	ı
		Davis Russel		
		Davis, Russel. Eschauzer, Lewis English, H. M. Farley, F. W.	do	
		English, H. M.	do	
		Farley, F. W.	. do 12 25	
		Gideon, Charles R	. do	1 '
	(	Glover, C. W	. do 13 63	
	j	Harvey, R. F. Harwood, S. D.	. do	
	1	Harwood, S. D		
		Haskett, C. R.		
	1.	Hill, C. F. Hughes, C. A. Ingalls, Horace. Johns, W. E. Jones, W. R. Kelley, H. P. Konyiett, Strict	. do	
	1	Ingalls Horaca	do	
		Johns, W. E	do	l .
		Jones, W. R.	do	
	l	Kellev, H. P.	do	
	1	Kennicott, Sylvia	do	ol .
	1	Kircher, Otis	do	i <b> </b>
	l	Kirpatrick, F. A	. do 32 40	
		Kisselberg, B. M	. do 12 75	1
	1	Kohlmer, W. C.	. do	1
	l l	Leggett, F. W		
	1	Lindson C H	10 00	}
	1	Lowe Lucy	do 45 75	
	1	Lyman L T	do 16 50	
	ł	McGhee. O. M	do	
	l	McVav. T. N	do	d .
	l .	Mattoon E. W	do 8 05	
	1	Metz, Nathan	. do 9 60	·l
	1	Miner, Henry	. do 12 95	
	i	Mohlman, Harry	. do	Y .
	ł	Munson, John	. do	
	İ	Murphy, E. F	.]do	1
	1	Nelson, C. R.	- do23 40	1
	1	NICKOIIS, C. R	-1.00	1
	İ	Ordonez B P	do: 35 14	1
	1	Pauli Adolph	do 5 75	
		Rehling, Charles	do	İ
	i	Secor, E. C.	do	ol.
	1 .	Seidenberg, N. C	do	){
	1	Semple, Arthur	- do 11 50	4
	j	Slater, M. E.	- do 40 19	
	1	Stevens, W. C	- do	1
	1	Stolle, T. C	14 00	!}
	1	Toylor W M	do 4 50	J
		Timmins H A	do	
	ł	Tuthill, J. K	. do	ił
	1	Udinsky, W. P	do	i)
	j .	Voght, E	.]do 9 20	0]
		Wallage, S. T	. do	1
	1	Welch, R. T.	- do	21
4721	Jan.	Zaleski, Paul J	December 1012	e1 070
4/21	lan.	Pigowoy M D	Wegge December 1013 2100 00	\$1,,078
	ł	Fast E E	do 90 00	()
		Fitch H H	do 75 00	1
	Í	Gibson, A. E.	.ldo 8 00	il
	1	McFadden, E. C.	do	
		Moffit, J. A.	.jdo	ol .
	{	Wakely, A. W	. do	1
	1	Buckler, C. W	. do	1
		Campbell, M. H	. do	1
		Elder, C. D		
	ļ	Jones, W. R. Kelley, H. P. Kennicott, Sylvia. Kircher, Otis. Kirpatrick, F. A. Kisselberg, B. M. Kohlmer, W. C. Leggett, F. W. Linder, L. Lindsey, G. H. Lowe, Lucy. Lyman, L. T. McGhee, O. M. McVay, T. N. Mattoon, E. W. Mstz, Nathan Miner, Henry. Mohlman, Harry. Mohlman, Harry. Mohlman, Harry. Mohlman, Harry. Mohlman, Harry. Mohlman, Harry. Koell, Arthur Ordonez, B. R. Pauli, Adolph. Rehling, Charles. Secor, E. C. Seidenberg, N. C. Seidenberg, N. C. Semple, Arthur Slater, M. E. Stevens, W. C. Stone, T. C. Suntherland, G. F. Taylor, W. M. Trimmins, H. A. Tuthill, J. K. Udinsky, W. P. Voght, E. Wallage, S. T. Welch, R. T. Zaleski, Paul J. Pay roll. Disoway, M. D. Frast, E. E. Fitch, H. H. Gibson, A. E. McPadden, E. C. Moffit, J. A. Wakely, A. W. Buckler, C. W. Campbell, M. H. Elder, C. D. Hitchcock, M. W. Horning, E. H. Howe, E. G.	- do	1
	1	Howe E G	do	
	1	Leggitt, Frank		i
	1	Peterson, Reuben W	do	]
	1 .	Price, C. B.	do	)
	1	Rigg, G. L.	do	1
	1	Roy, S. K.	do	ı
		Elder, C. D. Hitchcock, M. W. Horning, E. H. Howe, E. G. Leggitt, Frank Peterson, Reuben W. Price, C. B. Rigg, G. L. Roy, S. K. Stoutzenberg, Florence. Traxler, Ivan Berchtold, H. A.	do	
	1	Traxier, Ivan		
	i	Derentold, H. A	. do	II.

No.	Date.	To whom.	For what.	Amoun
	1911.	Doyle, Bernard. Hooker, W. A. Welker, Clarence. J. D. White. George W. Barker Pearl Adams. W. F. Handschin. The Weis Mfg. Co. A. N. Abbott. Hegenbart Co. J. G. Mosier. H. J. Snider. H. J. Snider. H. J. Snider. W. Beardsley. R. E. Gayle. J. C. Howser W. J. Mann. Earl Garver. Chris C. Jensen. Garfield Jones. J. Ausen. M. R. Carlson. Edwin Behling. C. C. Logan. J. W. Nave. W. A. Wood. Stephen Rogers. Nelson H. Ouimette. E. R. Welshly. Henry A. Dreer. C. H. Stoelting Co. Machinists Supply Co. Brown & Sharpe Mfg. Co. J. T. Ryerson & Son. J. M. Stannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co. H. Swannard. Hoffman & Kropff Chemical Co.		
0 4721	Jan. 8	Doyle, Bernard	Wages, December, 1913	\$ 90
Cld.	1	HOOKer, W. A	. do	54 97
O 4722 O 4723	Jan. 8	J. D. White	Postage	355 5 110
O 4723	do	George W. Barker	Library books	5
0 4724	do	Pearl Adams	Labor	110
O 4725 O 4726	-do	The Weis Mfg. Co	Office supplies	110 16 9 67 19 14 24 51
O 4727	do	A. N. Abbott	Labor	67
O 4728	do	Hegenbart Co	Cafe supplies.	19
O 4729 O 4730		J. G. Mosler	Traveling expenses	14
3 4731	do	H. E. Codlin	Services and traveling expenses	51
O 4732 O 4733	do	G. W. Beardsley	do	36 27 44 1
4733	do	R. E Gayle	do	27
0 4734 0 4735	do	J C Howser	Office expenses	44
4736	do	Earl Garver	Traveling expenses	10
0 4736 0 4737	do	Chris C Jensen	do	8 17
4738	do	Garfield Jones	do	17
4739 4740	ao	J J. AUSON	do	6 4 12
4740 4741	do	Edwin Behling.	do	12
741 742	do	C. C. Logan	do	14
4743 4744 4745	do	J. W. Nave.	Drains	105
) 4744 ) 4745		W. A. Wood	Field avnances and labor	36 107
4746	do	Nelson H. Quimetta	Traveling expenses	107 2 24 10 20 5 2 6 13
4747	do	E. R. Welshly	Laboratory apparatus	$2\overline{4}$
4748 4749	do	Henry A. Dreer	do	10
4749	do	C. H. Stoelting Co.	do	20
4750 4751	uo	Brown & Sharpa Mfg. Co	Laboratory apparatus	9
4750 4751 4752	do	J. T. Rverson & Son	Laboratory supplies	6
4753	do	J. M. Stannard	Laboratory apparatus	13
4754	do	Hoffman & Kropff Chemical Co	Laboratory supplies	2
4755 4756	do	H. Swannell & Son	Expense and services	2 8 14
4756	do	Twin City Roofing & Sheet Metal Works	Building material	14 8 6 25 4 3 18 32
4757 4758	do	Corbin Cabinet Lock Co	Keys	6
4759	do	J. Bishop & Co. Platinum Works	Laboratory supplies	25
4759 4760	do	J. W. Butler Paper Co	do	4
4761	do	Goldschmidt Thermit Co	. do	18
4763	do	Tuttle & Clark	Farm supplies	$\tilde{32}$
4764 4765	do	Champaign & Urbana Water Co	Water	1 5 14 5 5 54 9 3 2 5
4765	do	American Berkshire Assn	Entry 166s	5
4766 4767	do	Oldham Brothers	General supplies	5
4766 4767 4768	do	Goldschmidt Thermit Co. Tuttle & Clark Champaign & Urbana Water Co. American Berkshire Assn. D. T. Dobbins. Oldham Brothers. Reliable Plumbing & Heating Co. Swartz Electric Shop. F. M. Leslie. T. J. Colvin. B. F. Stevenson & Son. G. C. Willis. Williams Brothers. F. A. Hawley. Link Belt Co. The Letter Shop.	Laboratory apparatus	54
4769	do	Swartz Electric Shop	Laboratory supplies	9
4770	do	F. M. Leslie	do	3
4771 4772	do	R F Stavenson & Son	do	5
4773	do	G. C. Willis	do. General supplies. Building materials.	2
4774	do	Williams Brothers	Building materials	4
4775 4776	do	F. A. Hawley	Concrete work	21 70
4777	oo	The Letter Shop	Machiner reparts  Clerical assistance  Electrical materials  Laundry  Exchange service  Drains  Machinery apparatus  General supplies  Painting	70
4778	do	The Western Electric Co	Electrical materials	92 92
4778 4779	do	White Line Steam Laundry	Laundry	28 4
4780	do	The Home Telephone Co	Exchange service	100
4781   4782   .	do	The Bahcock & Wilcox Co	Machinery annaratus	12
4783	.do	Federal Sign System	General supplies	5 6
4784 .	.do	C. A. Denman	Painting	5 4
4785 .	.do	R. N. Stacy	Clerical assistance Clerical assistance General supplies Tuning piano General supplies Laboratory apparatus General supplies Cool	1 (
4786   4787   .	.ao	w en brothers	Tuning piano	50 3 2
4788	.do	German Kali Works.	General supplies.	10 2
4789	.do	Henry Troemner	Laboratory apparatus	427 35
4790	.do	Martin Walter	General supplies	35 (
4791  . 4792  .	on	E C Thomas	Coal	161 9 3
4793	lan. 9	John Wiley & Sons	Library books	26 6
4794	.do	Eisner Grocery Co	Laboratory supplies	6 8
4795	do	F. A. Hawley Link Belt Co. The Letter Shop The Western Electric Co. White Line Steam Laundry The Home Telephone Co. Inc. B. Bennett. The Babcock & Wilcox Co. Federal Sign System  J. A. Denman. R. N. Stacy. Weil Brothers H. Carpenter. Jerman Kali Works. Henry Troemner. Martin Walter. Electric Coal Co. I. C. Thomas. Iohn Wiley & Sons Elisner Grocery Co. Jrane Co. Jrane Co. Fwin City Printing Co.	Coat Laboratory apparatus. Library books. Laboratory supplies. Printing. Plumbing Printing.	15 (
4796 4797	do	Crane Co	Plumbing	109 (
4797 .	ao'	rwin City Printing Co	rrmung	26 (

No.	Date.	To whom.	For what.	Amou
,	1914.	J. V. Johnson. J. E. Whitchurch W. R. Jones V. A. Places V. A. Places J. L. Edmonds L. T. Brownfield General Electric Co. J. H. Doyle. Barnhart Brothers Walker & Mulliken S. E. Huff & Co. Standard Oil Co. Central Electric Co. Etimer & Amend National Engraving Co. Leavitt Mfg. Co. Benjamin Wilson Illinois State Reformatory The Burr Co. Flanigan-Pearson Co. U. of I. Supply Store. D. H. Lloyde.		
4798	Jan. 9	J. V. Johnson	Field expenses	\$ 88
4799		J. E. Whitenuren	Traveling expenses	28
4800		W. R. Jones	do	10
4801	do	T. T. Edmonde	do	13
4803	do	I. T Brownfield	Lahor	164
4804	do	General Electric Co	Electrical materials	58
4805	do	J. H. Dovle	General supplies	
4806	do	Barnhart Brothers	do	5
4807	do	Walker & Mulliken	Furniture and fixtures	1
4808 4809	do	S. E. Huff & Co.	. do	16
4809	do	Standard Oil Co	General supplies	8
4810 4811	do	Central Electric Co	Liectrical materials	42
4811		Notional Engraving Co	Drinting and publishing	80
4812 4813	do	Tooyitt Mfg. Co	Building motorials	22
4814	do	Ranjamin Wilson	Shooing	7
4815	do	Illinois State Reformatory	Printing	70
4815 4816	do	The Burr Co	Laboratory supplies	14
4817	do	Flanigan-Pearson Co	Printing.	18
4818	do	U. of I. Supply Store	Furniture and fixtures	10
4819	do	D. H. Lloyde	Office supplies	26
4020	do	E. H. Sargent & Co	Laboratory supplies	12
4821	do	Illinois State Reformatory. The Burr Co Flanigan-Pearson Co. U. of I. Supply Store. D. H. Lloyde. E. H. Sargent & Co. W. Lewis & Co. Hunter, Rourke & Co. Taylor Hardware Co. Woldenberg & Schaar Champaign Steam Laundry. The Robbins & Meyers Co. Hunter, Rourke & Co General Electric Co. Reliable Plumbing & Heating Co. The R. D. Swisher Mfg. Co. Library Bureau. Physicians Supply & Drug Co.	do	1
4822	do	Hunter, Rourke & Co	General supplies	40
4823	do	Taylor Hardware Co	Building supplies	26
4824	do	Woldenberg & Schaar	Laboratory supplies	15
4825	do	Champaign Steam Laundry	Laundry	. 16
4826	Jan. 10	The Robbins & Meyers Co	Omce equipment	62
4827		Cananal Flactuic Co	Flootrical materials	85
$\frac{4828}{4829}$	do	Polichla Plumbing & Heating Co	Plumbing	18
4830	do	The R D Swisher Mfg Co	Office supplies	1
4831	do	Library Rurgan	Furniture and fixtures	11
4832	do	Physicians Supply & Drug Co	do	304
4833	do	Physicians Supply & Drug Co	do	12
4834	do	C. L. Frame Dental Supply Co.	Laboratory supplies	14
4835	do	American LaFrance Fire Engine Co. C. L. Frame Dental Supply Co. Bausch & Lomb Optical Co. A. Daigger & Co.	Laboratory apparatus	10
	do	A. Daigger & Co.	Laboratory supplies and appar-	l.
			atus	171
4837	do	A. Daigger & Co. V. Mueller & Co. A. Kroch & Co. Prof. L. F. Anderson. G. L. Peltier Harrison Fahrnkopf. Charles A. Campbell. G. W. Pickles. R. C. Wagner & Son.	Laboratory apparatus	6
4838	do	A. Kroch & Co	Books	510
4839	Jan. 12	Prof. L. F. Anderson	Books and express	1
4840	do	G. L. Peltier	Traveling expenses	9
4841	do	Charles A County II	Tield armanage	2
4842 4843		C W Pickles	Currenting	54 10
4844	do	G. W. Pickles. R. C. Wagner & Son.	Grading	71
4845	do	A Daiggar & Co	Laboratory supplies	217
4846	do	Hunter, Rourke & Co	Laboratory apparatus.	14
4847	_do	H. A. Hollister	Traveling expenses	18
4848	do	R. C. Wagner & Son A. Daigger & Co H. A. Hollister J. W. Allen & Co H. M. Hooker Co Morrisson, Plummer & Co A. C. McClurg & Co Chicago Towel Co Ella R. Michaels Jos. E. Sullivan Huntley Dairy Co Western Fuel Co F. G. Hartwell Co Illinois Traction System	Hand truck	6
4849	do	H. M. Hooker Co.	Laboratory apparatus	5
4850	do	Morrisson, Plummer & Co	Laboratory supplies	62
4851	do	A. C. McClurg & Co	Office equipment	12
4852	do	Unicago Towel Co	Laundry	24
4853	do	Ella K. Michaels	Laporatory supplies	60
4854	ao	Jos. E. Sullivan		1
4855		Wastern Fuel Co	Cool	3 230
4856 4857	uo	F G Hartwell Co	do	372
4858	Jan 19	Illinois Traction System	Freight	20
4859	-do-	C., C., & St. L. By Co	.do	80
4860	do.	Prof. Percy Ash	Traveling expenses	66
4861	do	Bennett's Magazine Agency	Magazines	24
4862	do	H. J. Snider	Traveling expenses	12
4863	do	Harry C. Gilkerson	Field expenses	29
4864	do	A. N. Abbott	do	23
4865	do	Alfred Bergren	do	86 1
4866	do	C. C. Chapman	Traveling expenses	_1
4867	do	John P. Stout	Lecture	50
4868	do	Jonn K. Nelson	Laporatory apparatus	17
4869	do	Dallenbach Bros	Laboratory supplies	3
4870	go	G. U. WIIIIS	General supplies	3 7 11
4871	go	Oust Froducts Co	Care suppries	ıi
4872		National Biscuit Co	do	1
4873	go	Huntusy Dairy Co. Western Fuel Co. F. G. Hartwell Co. Illinois Traction System. C., C., C. & St. L. Ry. Co. Prof. Percy Ash. Bennett's Magazine Agency H. J. Snider. Harry C. Gilkerson. A. N. Abbott. Alfred Bergren. C. C. Chapman. John P. Stout. John R. Nelson. Dallenbach Bros. G. C. Willis. Coast Products Co. National Biscuit Co. Prwin City Creamer Co. Chicago Packing House. Louis Ely & Co.	uo	23 77
4874				

		To whom.	For what.	Amou
	1914.			
4876	Jan. 13	Eimer & Amend. H. W. Johns-Manville Co	Laboratory apparatus	\$ 4
4877	do	H. W. Johns-Manville Co	Laboratory supplies	12 52
4879	do	C. J. Welch International Press Clipping Bureau	Concrete work Clippings Cleaning Cafe supplies	52
4880	do	L. B. Souder	Cleaning	. 2
4881 4882	do	L. B. Souder Farrar & Quinlan White Poultry Farm	Cafe supplies	15
	do	white routing ranin	Chickens. Cafe supplies.	) 9
$\frac{4883}{4884}$	do	J. S. Reimund	Farm supplies	9
4885	do	Tuttle & Clark Woldenberg & Schaar	Farm suppliesLaboratory supplies	24 27
4886	do	Walker & Mulliken	Furniture repairs	9
4887	do	R. A. Stipes	SandGeneral supplies	6
4888 4889	do	B. A. Strauch Limiere Jugla Co	do	6 3
4890	do	C. F. Pease Co	Paper	i
4891	do	Keuffel & Esser Co	.do	14
4892	do	Burka & James	do General supplies	17 60
4893	do	Henry Troemner Queen Gray Co Brown & Sharpe Mfg. Co Flat Iron Store Co	Laboratory apparatus	60
4894 4895	do	Brown & Sharpa Mfg. Co	Apparatus repairsLaboratory supplies	1
4896	do	Flat Iron Store Co	Furniture and fixtures	3
4897	do	Oldham Brothers	Paint	1 3
4898	do	The Western Electric Co	Electrical apparatus	45 42
4899	do	Metzler & Schafer Co	Laboratory supplies Freight and express	42
4900 4901	o	J. T. Ryerson & Son F. K. Robeson The Champaign News. White Line Steam Laundry.	Initor supplies	21
4902	do	The Champaign News	Advertising	4
4903	do	White Line Steam Laundry	Janitor supplies Advertising Laundry Electrical materials	70
4904	100	General Electric Co	Electrical materials	63
4905	do	Well Bros	General suppliesBinding	13
4906 4907		Ernst Hertzberg & Sons	Freight and express	113 11
4908	do	University of Chicago Press	Freight and express. Catalog cards Expert services.	
4909	do	University of Chicago Press	Expert services	49
4910	Jan. 14	Chester Transfer Co	Carriage	1
4911	do	Standard Oil Co	Gasoline	1
4912 4913	do	Flanigan-Pearson Co	Theidentals	i
4914	do	Dr. James H. Finch Chester Transfer Co. Standard Oil Co. Eugene Dietzgen Co. Flanigan-Pearson Co. G. E. Stechert & Co. Photo Products Co. Gym Store. W. W. Walls & Co. Driver-Harris Winc Co.	Book	í
4915	do	Photo Products Co	General supplies	
4916	do	Gym Store	Athletic apparatus	60
4917	do	W. W. Walls & Co	Laboratory supplies	8
4918 4919	do	Driver-Harris Wire Co	do	21
4920	do	Various Contestants (Apple Show).  Dafnet & Jagerson A. E. Wuesteman.	Freight and express	. 14
4921	do	A. E. Wuesteman	Apparatus	26
4922	do	Taylor Hardware Co	Nails	12
4923	do	Williams Bros	Comp	11 156
$\frac{4924}{4925}$	do	Creanery Package Mfg Co	Jars	130
4926	do	General Chemical Co.	Laboratory supplies	38
4927	do	Standard Map Co	Maps	18
4928	do	Jno. D. Bangs & Co	Laboratory apparatus	
4929	do	Romeyn B. Hough	Furniture and fixtures	14 10
4930 4931	ao	Geraghty & Co	Incidentals	10
4932	do	Driver-Harris Wire Co. Various Contestants (Apple Show) Dafnet & Jagerson A. E. Wuesteman Taylor Hardware Co. Williams Bros. W. T. Ainsworth & Sons. Creanery Package Mfg. Co. General Chemical Co. Standard Map Co. Standard Map & Co. Romeyn B. Hough. American Radiator Co. Geraghty & Co. County Superintendent, R. E. Rhine. Flat Iron Store Co. Champaign & Urbana Water Co. Gibson Canning Co. Inland Supply Co. H. A. Ruehe. Chas. A. Hall Hardware Co. The Burr Co. S. E. Dillavou F. K. Robeson L. C. Smith Bros Typewriting Co. Bacon Brothers Stipes & Hecker. G. Cramer Dry Plate Co.	Clerical assistance	2
4933	do	Flat Iron Store Co	Shade	2
4934	do	Champaign & Urbana Water Co	Water permit	$\frac{37}{212}$
4935 4936	00	Unioson Canning Co	Plumbing	18
4930	do	H A Rushe	Traveling expenses	46
4938	do	Chas. A. Hall Hardware Co	Tools	19
4939	do	The Burr Co	Laboratory supplies	37
4940	do	S. E. Dillavou	Apparatus repairs	3
4941 4942	00	I. C. Smith Bros Typograting Co	Rentals	20
4942	do	Bacon Brothers	Painting	11
4944	do	Stipes & Hecker	Expenses	19
70 70 1			T a * ***	32
4946	do	Unampaign Steam Laundry	Printing	48
4947 4948	oo	A M & T. A Tarwilligar	Laboratory supplies	2
4949	do	D. H. Lloyde	Office supplies	31
4950	do	W. W. Walls & Co	Board walks	16
4951	do	Eisner Grocery Co	Cafe supplies	32 43 13 2 31 16 32 51
4852 4953	do	Champaign Steam Laundry  Illinois State Reformatory  A. M. & L. A. Terwilliger  D. H. Lloyde  W. W. Walls & Co  Eisner Grocery Co  Leavitt Mfg. Co  Metzler & Schafer Co  Electric Appliance Co.	Laboratory supplies	91
4903		Merziel & Schalel Co	Tanoratory authbries	9 7

No.	Date.	To whom.	For what.	Amour
	1914.			
4955 4956		Geo. B. Carpenter & Co	Machine repairs	\$ 27
4957	do	Ernst Hertzberg & Sons	Farm machinary	111
4958	do	Charles H. Besly & Co Flanigan-Pearson Co	Laboratory supplies	16
4959	do	Flanigan-Pearson Co	Printing	23
4960	do	Framgan-Pearson Co. Urbana Courier Co. Twin City Ice & Cold Storage Co. The Burr Co. Reliable Plumbing & Heating Co. Spencer-Lens Co. Bausch & Lomb Optical Co. E A Hawley	do	. 27
4961 4962	do	Twin City Ice & Cold Storage Co	Consent and the	2
4963	do	Reliable Plumbing & Heating Co	Leboratory supplies	10
4964	do	Spencer-Lens Co.	Furniture and fixtures	182
4965	do	Bausch & Lomb Optical Co	Laboratory apparatus	1,848
4966	do	F. A. Hawley	Building materials	3 127
4967 4968	do	E. H. Sargent & Co	Laboratory supplies	127
4900	јан. 15	Filher E T	Salary Tanuary 1014 & 182 23	82,803
		James, Edmund J	-do1.000 00	
		Frazer, George E	do	
		Smith, Adelle C(Student)	do	)}
		Fair, Sue M	do	1
		Warnock A R	do 150 00	
		Strong, Lillian	-do50 00	
		Carrithers, I. R.	do 60 00	
	ĺ	Fargo, R. N.	do 120 00	l
		Gill, H. L	do	1
- 1		Iones R R	do 120 00	
1	}	Manley, E. J	. do	
		Pengilly, H. E	do	
1		Brooks, Verna	do 90 00	1
		Gaut, Rosa Lee	do	1
		Hughitt Anna T.	do 100 00	
		Landee, Marion C	-do 45 00	
3	ļ	Moulton, Gertrude E	do 133 33	ļ
1		Shoemaker, Dorothy-Ruth	do	
4		Webster, F. D	do	l
4		Aver T. P (Student)	do 70 00	
j		Bollman, Minnie J. (Student)	do	
1		Branch, Nelle E. (Student)	do 32 50	
1		Breedis, John (Student)	do 18 00	
- 1	j	Christy Clan (Student)	do	1
1		Craig. Jennie A	do	ļ
4		Drury, F. K. W	do	
4	- 1	Dunlap, Fannie (Student)	do	
]		Eppinger, J. G. (Student)	do	
1		Fontaine E O (Student)		
4	- 1	Gibson, Mable H. (Student)	do	
		Goulding, P. S.	do 166 66	
1		Herdman, Margaret	do	
- 1	1:	Hodneneld, Jacob	do	
	1:	Hutchins Margaret	do 83 33	,
	13	Janvrin, Charles	do	
	Į.	Johnson, Alice	do 83 33	
a d	-	Jutton, Emma R.	do 100 00	
1	:	Kalser, J. B.		
	j:	Leatherman Marian	do 75 00	
	Į.	Mitchell, Marguerite (Student)	.do	
1	la la	Patton, Adah	do 91 66	
1	,	Renich, Katherine L. (Student)	do	
	(;	Prov. Mary 7 (Student)	do	
1	ļ.	Windsor P L	do 201 66	
1	-	Wyeth, Ola M	.do 80 00	
1	]	Eldredge, A. G.	.do	
1	[]	The Burr Co. Reliable Plumbing & Heating Co. Spencer-Lens Co Bausch & Lomb Optical Co. F. A. Hawley E. H. Sargent & Co. Pay roll Filbey, E. J. James, Edmund J. Frazer, George E. Smith, Adelle C(Student) Fair, Sue M. Fiero, E. E. Warnock, A. R. Strong, Lillian Carrithers, I. R. Fargon, R. N. Gill, H. L. Huff, G. A. Jones, R. R. Manley, E. J. Pengilly, H. E. Brooks, Verna. Gaut, Rosa Lee Hitt, Agnes Hughitt, Anna L. Landee, Marion C. Moulton, Gertrude E. Shoemaker, Dorothy-Ruth Webster, F. D. Hollister, H. A. Ayer, T. P. (Student) Branch, Nelle E. (Student) Branch, Nelle E. (Student) Britton, Floyd Evanston (Student) Britton, Floyd Evanston (Student) Caris, Jennie A. Drury, F. K. W. Dunlap, Fannie (Student) Felsenthal, Emma Fontaine, E. O. (Student) Goulding, P. S. Herdman, Margaret Hodnefield, Jacob Hutchins, Margaret Jenvin, Charles Johnson, Alice. Jutton, Emma R. Kaiser, J. B. Karsten, Eleanor G. Leatherman, Marjaan Mitchell, Marguerite (Student) Porrance, Mary Troy, Mary Z. (Student) Porrance, Mary Troy, Mary Z. (Student) Porrance, Mary Troy, Mary Z. (Student) Porrance, Mary Troy, Mary Z. (Student) Windsor, P. L. Wyeth, Ola M. Eldredge, A. G. Kelley, R. L. (Student) Eleanor L. Eleanor G. Leatherman, Marjaan. Mitchell, Marguerite (Student)	do 100 00	
1	[3	Kice, G. B.	do	
1	10	Wyeth, Óla M  Kelley, R. L. (Student).  Rice, G. B.  White, J. M.  Checkley, J. H.  Evans, Augusta D.  Lamison A. W.	do	
1	li li	Evans, Augusta D.	do	
1	į	famison, A. W.	.do	
	. ]	famison, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H.	do	
	1	Nolan, A. W	do	
1		ланкш, Г. Н	do 291 66	

No.	Date.	To whom.	For what.	Amour
	1914.			
4968	Jan. 15	Allyn, Orr Aumer, J. P. Bauer, F. C. Binding, L. R. Brunson, A. M. Burlison, W. L. Clevenger, C. B. Dickerson, I. W. Dickinson, R. W. Ebersol, E. T. Eckblaw, K. J. T. Ellis, O. 1. Fahrnkopf, H. F. T. Fisher, F. A.	Salary, January, 1914 \$ 83 33 do	3
Ctd.		Raner F C	do	
		Binding, L. R.	do	
	1	Brunson, A. M.	do	5
	l	Burlison, W. L.	do 116 66	5)
	1	Clevenger, C. B.	do	21
	1	Dickinson R W	do	
		Ebersol, E. T	.do	nl
	1	Eckblaw, K. J. T.	. do	
	ļ	Ellis, O. I	do 70 00	)}
	1	Fahrnkopf, H. F. T.	70 00	2)
		Fisher, C. S.	do	<u>{</u> }
		Garrett, F. W	do	)
	l	Gentle, G. E	do	)
	1	Gernert, W. B	do 150 00	)[
	1	Gilkerson, H. C.	do	2
	1	Gustaison, A. F.	do	XI.
	]	Hegnauer, Leonard	.do	3
		Holt, S. V	do	) l
	Į	Hoskins, E. E.	do 150 00	)
	1	Jahr, M. E.	do	2
	1	Leighty, W. R.		
		Mosier, J. G.	do	1 .
		Niederman, Gertrude	do 100 00	)
		Park, J. B.	do 150 00	H
		Pettit, J. H	do 250 00	
		Socks W H	do	
		Schoonover W. R.	do133 33 do70 00	
		Smith, L. H	.do	
	ļ	Snider, H. J.	do	
		Stewart, H. W.	do	
		Walworth F H	do	
		Wascher F. M. W	do	
		Wheeler, H. C.	do150 00	) i
		White, É. A	do 175 00	
		Whiting, A. L	do	
	•	Barto, D. O	do	2
		Carmichael W I	do	
		Coffey, W. C	do	il
		Detlefsen, J. A	do 200 00	)i
		Edmonds, J. L	do 208 33	
		Hall, L. D	do	
		Mumford H. W	do	
		Newlin, C. I.	do	
		Perry. Leonora	do 100 00	)}
		Place, V. A.	do100_00	21
		EDETSOI, E. T. Ellis, O. I. Fahrnkopf, H. F. T. Fisher, O. S. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Gunstafson, A. F. Heegnauer, Leonard. Holt, S. V. Hoskins, E. E. Jahr, M. E. Leighty, W. R. Logan, C. C. Mosier, J. G. Niederman, Gertrude. Park, J. B. Pettit, J. H. Reed, C. O. Sachs, W. H. Schoonover, W. R. Smith, L. H. Snider, H. J. Stewart, H. W. VanAlstine, E. D. Walworth, E. H. Wascher, F. M. W. Wheeler, H. C. Whiting, A. L. Barto, D. O. Bull, Sleeter Carmichael, W. J. Coffey, W. C. Dettelsen, J. A. Edmonds, J. L. Hall, L. D. Handschin, W. F. Mumford, H. W. Newlin, C. I. Perry, Leonora Place, V. A. Rush, P. Simpson, F. M. Smith, R. E. Clark, E. M. Welle, J. R. Yoke, J. J. Fraser, W. J. Handschin, W. F. Smith, W. H. Smith, W. H. Sinder, R. E. Clark, E. M. Smith, W. H. Sinder, R. E. Clark, E. M. Smith, W. H. Sinder, R. S. Keller, O. A. Lung, LeRoy Parker, H. N. Peerson, F. A. Ruehe, H. A. Yann, W. W.	do	1
		Smith. W. H.	do135 33	H
		Wells, J. R.	do 83 33	
		Yoke, J. J	do	1
		Brand, R. E.	do	
		Clark, E. M.	do	3
		Fraser W T	do	
		Harding, H. A	.do	
		Hulce, R. S.	do	il
		Keller, O. A.	do	i I
		Darker H N	do	
		Lang, LeRoy Parker, H. N Pearson, F. A Ruehe, H. A Yapp, W. W Aust, F. A Blair, J. C Bole, S. J. Colby, A. S. Crandall, C. S Dorner, H. B Durst, C. E		
		Ruehe, H. A.	do	
		Yapp, W. W	do	il
		Aust, F. A.	do	
	'	Blarr, J. C	do	
		Colby A S	do	
		Crandall, C. S.	do	il
		Dorner, H. B.	do	μ
	1	Durst C E	do 150 00	il .

No.	Date.	Foglesong, L. E. Gardner, J. J. Gunderson, A. J. Harper, Julia A. Hoffman, R. W. Hutchinson, James. Lloyd, J. W. Miller, Wilhelm. Muncie, F. W. Nehrling, A. H. Peltier, G. L. Pickett, B. S. Rees, C. C. Rees, C. C. Res, C. C. Robinson, C. M. Root, R. R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. McIntosh, Donald Ash, Percy. Burton, S. C. Clark, C. R. Corrubia, A. B. M. Cowley, F. K. Fehrenkamp, Winifred Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kimbal, A. H. Provine, L. H. Ricker, N. C. Titcomb, W. C. Wells, N. A. Baker, I. O. Bowling, B. L. Davis, R. E. Garver, N. B. McDaniel, A. B. Parcel, J. I. Pickels, G. W. Raynor, W. H. Smith, J. E. Wiley, C. C. Wilson, W. M. Mills, Guy G. Biegler, P. S. Brooks, Morgan Bryant, J. M. Fisk, I. W. James, L. V. Knight, A. R. Paine, E. B. Waldo, E. H. Abrams, D. A. Chittenden, A. K. Dunn, H. H. Keller, R. B. Kratz, A. P. McFarland, D. F. Moore, H. F. Slater, W. A. Vedder, J. N. Vensen, T. D. Beach, Robin Crane, Rufus Lordan, H. H. Miller, H. W. Nelson, W. S. Reendict, B. W. Denon, N. S. Bouncan, J. M. Eames, H. S.	For what.	Amour
	1914.			
4968	Jan. 15	Foglesong, L. E	Salary, January, 1914 \$116 66	
Ctd.		Gardner, J. J.	do 100 00	<b>!</b>
		Hornor Talia A	do	l
		Hoffman P W	do 70.00	
	1	Hutchinson, James	do 100 00	
		Llovd. J. W	do	
	1	Miller, Wilhelm	do	ĺ
		Muncie, F. W	do 83 33	
		Nehrling, A. H	do 150 00	١.
	1	Peltier, G. L.	do	
		Pickett, B. S	do 250 00	
	}	Pohingon C M	41 00	)
	j	Root R P	do 208 33	
	1	Ruth W A	1 do 150 00	
	1	Sayre, C. B	do 70 00	
	Ĭ	Smith, F. A. C.	do	ĺ
	ł	Watkins, O. S.	do	1
		McIntosh, Donald	do 208 33	
	1	Ash, Percy	do	1
	1	Clark C. P.	140 00	•
	i	Companie A. D. M.	160 66	1
	1	Cowley F Z	do 190 00	
	1	February Winifred	do 70 00	1
	1	Forsythe, J. H.	:do	'
	1	Jones, R. T.	do	
	ł	Kellogg, J. M.	do	1
	1	Kimball, A. H	do 150 00	1
	1	Provine, L. H.	do	i
		Ricker, N. C.	do 291 66	ł
	1	Titcomb, W. C.	do 175 00	1
	1	Poleon T. O.	104 10	ľ
	ł .	Rowling B T.	do 82 22	
	1	Davis R E	do 120 00	
	1	Garver, N. B	do 141 66	
	1	McDaniel, A. B.	do	t
,		Parcel, J. I.	do 208 33	į.
	Į.	Pickels, G. W	do 150 00	ł
	1	Raynor, W. H	do	
	}	Smith, J. E.	do	
	l	Wilson W M		i
	ł	Mills Guy G	do 00 00	l
	1	Riaglar P S	do 166 66	1
	ļ	Brooks, Morgan	do 250 00	}
		Bryant, J. M	do229 16	
		Fisk, I. W	do 133 33	
		James, L. V	do 133 33	
		Knight, A. R.	do 150 00	1
	-	Paine, E. B.	1do 250 00	
		Waldo, E. H.	166 66	1
	ļ	Chittandan A V	do	l .
	i	Dunn, H. H	do 116 66	1
	1	Keller R B	do 166 66	
		Kratz, A. P	do133_33	Ì
	1	McFarland, D. F.	do	'
		Moore, H. F.	do 229 16	
	ł	Slater, W. A	do 150 00	
	}	Vedder, J. N	do 133 33	
	Į.	rensen, T. D.	ao	)
	I	Crone Dufus	do 100 00	1 .
		Jordan H H	do 140 00	l
	1	Miller H. W	do 192 22	l
	1	Nelson, W. S	do 30 00	l
	1	Porter, F. M	do 125 00	
	1	Rugg, H. O.	do	ļ
	1	Steward, R. K.	do	l
	1	Benedict, B. W.	do	1
	1	Dent, J. A	do 150 00	1
	1	Domonske, A. B.	do 140 00	١ .
		Duncan, J. M	do	1
	1	Lames, H. S	jao 140 00	1

No.	Date.	To whom.	For what.	Amou
	1914.	-		
4968	Jan. 15	Gross, G. A.	Salary, January, 1914 8	150 00
Ctd.	1	Frisk, J. A. Godeke, H. F. Goodenough, G. A. Harding, L. A. Kennedy, R. E. Lanham, E. T. Leutwiler, O. A. Pendleton, J. C. Radebaugh, G. H. Rebman, P. J. Richards, C. R. Scroggin, D. L. Torrance, F. C.	do	91 66 130 00
		Goodenough G A		291 66
	l	Harding, L. A	do	291 66
		Kennedy, R. E.	do	150 00
		Lanham, E. T.	do	120 00
	1	Leutwiler, O. A.	do	241 66
	1	Pendleton, J. C.	do	100 00
	i	Pahman P T		110 00 80 00
		Richards C R	do	479 16
	1	Scroggin, D. L.	do	120 00
	1	Torrance, F. C.	do	110 00
		Waterfall, H. W	do	130 00
	1	Willard, A. C.	do	200 00
		Holbrook, E. A.	do	208 33
		Stock, H. H.	do	416 66
		Robbitt H F	do	150 00 140 00
•	I	Boomsliter, G. P.	do	170 00
	1	Enger, M. L.	do	187 50
	ł	Ensign, N. E.	do	150 00
	1	Fleming, V. R.	do	150 00
	1	Gardner, Harry	do	140 00
	1	Radebaugh, G. H. Rebman, P. J. Richards, C. R. Scroggin, D. L. Torrance, F. C. Waterfall, H. W. Willard, A. C. Holbrook, E. A. Stoek, H. H. Young, L. E. Babbitt, H. E. Boomslifter, G. P. Enger, M. L. Ensign, N. E. Fleming, V. R. Gardner, Harry. Gonnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Carman, A. P. Jones, L. T. Karrer, Sebastian Knipp, C. T. Kunz, Jacob. Nathanson, J. B. Schulz, W. F. Randolph, O. A. Shook, G. A. Smith, O. H. Watson, F. R. Warner, E. H. Williams, E. H. Hayes, J. B. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Andros, S. O. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student) Andrews, O. M. Baboock, K. C. Meyer, G. H. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel Burton, L. V. Newell, C. R. Rahn, Otto Brigham, R. O. Hague, Stella M. Hottes, C. F. Lamkey, E. M. R. LeCato, J. M. McDougall, W. B. Parr, Rosaile M. Scherfee, S. H. Trelease, Wm	1do	150 00 170 00
		Saely F R	do	170 00
	l	Talbot, A. N.	do	416 66
	!	Vallance, Alexander	do	140 00
	Į.	Bair, W. H	do	50 00
	l	Carman, A. P	do	416 66
		Jones, L. T.	do	95 00
	1	Karrer, Sebastian	do	70 00
		Knipp, C. T		233 33 208 33
	l	Nathanson I R	do	50 00
		Schulz, W. F.	do	183 33
		Randolph, O. A.	do	90 00
	1	Shook, G. A	do	120 00
		Smith, O. H	do	95 00
	1	Watson, F. R.	do	229 16
		Warner, E. H	do	80 00
	ĺ	Havae I R	do	141 66 90 00
		Buck A M	do	150 00
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	333 33
	l	Snodgrass, J. M	do	183 33
,	1	Andros, S. O.	do	175 00
	1	Croon Frederick		291 66
	1	Hala W G	do	291 66 291 66
	1	Harker, O. A	do	416 66
	1	Pomeroy, J. N.	do	208 33
		Vernier, C. G	do	291 66
	1	Cassidy, H. M. (Student)	do	25 00
	1	Andrews, O. M.	do	83 33
		Mayor G H		416 66
	1	Bradbury C E	do	229 16 120 00
		Kelley, C. F.	do	150 00
	1	Lake, E. J.	do	187 50
		Wetmore, Mary M	do	150 00
		Bond, J. J. D.	do	30 00
,		Reed, F. W.	do	140 00
	Ì	Steppins, Joel	do	291 66
	}	Namell C D	u0	60 00 100 00
		Rahn Otto	do	225 00
1	i	Brigham, R. O	_do	60 00
	l	Hague, Stella M	-do	90 00
	l	Hottes, C. F	do	250 00
		Lamkey, E. M. R.	do	60 00
	1	LeCato, J. M	do	60 00
	1	McDougall, W. B.	do	120 00
	1	Parr, Kosalie M		80 00
	1	ocneriee, S. H		30 00

No.	Date.	To whom.	For what.	Amour
1000	1914.	Waggoner, H. D. Whitten, J. H. Hursh, R. K. Radeliffe, B. S. Rand, C. C. Stull, R. T. Williams, A. E. Adams, W. C. Allen, C. H. Baker, R. E. Balke, C. W. Ball, T. R. Bates, S. J. Beal, G. D. Braley, S. A.	d 1 7 1014 0 00 00	
4968	Jan. 15	Waggoner, H. D.	Salary, January, 1914 \$ 60 00	
Ctd.		Whitten, J. H	do	
	1	Radaliffa R S	do120 00	
		Rand C C	_do 80 00	
	i	Stull B. T	do 250 00	ól
	,	Williams, A. E	do. 250 00 do. 125 00	5
		Adams, W. C	do 10 00	)
	ĺ	Allen, C. H	do 50 00	
		Baker, R. E.	do	
		Balke, C. W	do	
	[	Ball, T. K	do	
		Real G D	do	
	1	Braley, S. A.	do	
		Broderson H I	do120_00	SI .
		Broderson, H. J. Carter, H. M.	_do	
	1	Charlton, E. E.	do	
		Clark, K. A.	do	
	1	Cohn, Alexander	do 10 00	)
	1	Catter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander Darrah, Juanita E. Davisson, B. S.	do	
		Davisson, B. S.	do	
	1	Derick, C. G.	do 166 66	
	1	Davisson, B. S. Derick, C. G. Eckstein, C. H. Engle, E. W. Engle, D. T. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Hewes, C. K. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kamm, Oliver Kremmers, H. C. Layng, T. E. Lewis, H. F. MacArthur, C. G. MacInnes, D. A. Marquis, S. D. Nelson, R. A. Noyes, W. A. Parr, S. W. Prasil, Anton Read, J. W. Rich, P. C.	do	
	J	Englis D T	do	
	1	Foster T. F	do	
	1	Gilmore R. E	do	3
	}	Hecker, C. H	.do	
		Hess. R. W	do	
		Hewes, C. K.	do	
	1 .	Honovski, B. R.	do 80 00	
		Hopkins, B. S	do 140 00	
	l	Janson, J. M	do 10 00	
		Kamm, Oliver	do 60 00	
	l	Kremmers, H. C.	do	
	ł	Layng, T. E	do60 00	
		MooAnthon C C	do	
	l	MacInner D A	do	
		Manual W A	do	
	ĺ	Marquis, S. D.	do	
	j	Nelson, R. A.	do	
		Noyes, W. A	do	
		Parr, S. W	do 333 33	
	1	Prasil, Anton	do 10 00	
		Read, J. W	do	
	1	Read, J. W Rich, P. C. Ruby, G. B. School, Clarence.	do 10 00	
	1	Ruby, G. B.	do 10 00	
		Sorr G W	do	
		Sears, G. W. Sievert, C. W. J. Skinner, G. S. Smith, G. M. Smith, L. D.	do	
		Skinner, G. S.	do	
		Smith, G. M.	do	
		Smith, L. D.	do	ıl .
		Snook, J. D	do 10 00	)
		Smith, L. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert. Tippett, R. W. Valentine, H. D. VanZoren, G. J. Washburn, E. W. Weber, H. C. P. Welbard, H. J. Wichers, Edward. Widman, E. A. Bogart, E. L.	do 10 00	
		Taylor, E. H.	do	
		Taylor, S. U	do 50 00	1
		Tinnett D W	do 120 00	
		Valentine U D	do	
		VanZoran G T	.do	
		Washburn, E. W	do	
		Weber, H. C. P.	do 166 66	
		Weiland, H. J.	do	į
		Wichers, Edward	do	
		Wildman, E. A	do 50 00	d.
		Bogart, E. L	do	
		Chase, W. A	do	1
		Dewsnup, E. K	do	1
	l	Driekett A T	do	1
		Robinson M H	do	J
	1	Scoville, H. T	do	1
		Stewart, C. L.	do	
		Wildman, E. A Bogart, E. L Chase, W. A Dewsnup, E. R Litman, Simon Prickett, A. L Robinson, M. H Scoville, H. T Stewart, C. L Thompson, C. M Thompson, J. G Weston, N. A	do	
		Thompson, J. G.	do	Į
		Weston, N. A.	do	ļ

No.	Date.	To whom.	For what.	Amoun
	1914.			
4968	Jan. 15	Barton, H. J.	Salary, January, 1914 \$291 60	3
Ctd.		Canter, H. V.	do	
		Oldfother W A		╣.
		Barton, H. J. Canter, H. V. Moss, C. M. Oldlather, W. A. Pease, A. S. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M.	.do	
		Anderson, L. F.	do	
		Bagley, W. C.	do	
		Coffman, L. D.	do	
	1	Hallquest, A. L	do	
	ł	Johnston, C. H	do	
		Miller, W. S.	do	ó
	1	Alden, R. M.	do 375 00	)
		Baldwin, E. C.	do 175 00	)
		Boyer, U. V	do	
	į.	Clark T. A	do	íl .
	1	Creek. H. L.	do	
		Curl, M. J.	do 140 00	) .
		Dixon, R. E.	do 110 00	)
		Dodge, D. K	do	
		Goodwin T G	do175_00	{}
	1	Guild, T. H.	do	
		Gwinn, Alta.	do 90 00	
	l	Harbarger, Sada A	do 100 00	)
	t	Jones, E. S.	do	
	,	Jones, H. S. V	do	{
		Kelso Ruth	do100 00	
		Kyle, Martha J.	do	ól
	:	Landee, Marion	do	)l
	1	Loomis, R. S	do 120 00	)
		McJohnston, Harrison	do 120 00	2
	l	Pinelton Claringo	do208 33	{ .
	l	Sarett L. R.	do	i)
	1	Schoepperle, Gertrude	do	)
		Scott, F. W	do	)
		Sherman, S. P.	do 308 3	3
	1	Stanley, T. B.	do50 00	3
	1	Tiaia A I	do100 00	(l
	I	Whicher, G. F.	do	)
	1	Woolbert, C. H	do 166 66	3
		Zeitlin, Jacob	. do 166 66 do 133 33 do 208 33 do 83 33 do	3
	l .	Forboa C A	do	
		MacGillivray A D	do 250 00	3
	1	Peterson, Alvah	do	ól
		Glasgow, Robert D	do	Ó
	1	Bayley, W. S.		)
		Heitkemp C W	do	
	1	Rich I I	do 40 00	3
	1	Rolfé, C. W.	do	
		Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A. Clark, T. A. Creek, H. L. Curl, M. J. Dixon, R. E. Dodge, D. K. Fulton, Edward. Goodwin, T. G. Gould, T. H. Gwinn, Alta. Harbarger, Sada A. Jones, E. S. Jones, H. S. V. Jordan, J. C. Kelso, Ruth Kyle, Martha J. Landee, Marion Loomis, R. S. McJohnston, Harrison Paul, H. G. Rinaker, Clarissa Sarett, L. R. Schoepperle, Gertrude Scott, F. W. Scherman, S. P. Stanley, T. B. Sutolliffe, E. G. Trieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob Folsom, J. W. Forbes, S. A. MacGillivray, A. D. Peterson, Alvah. Glasgow, Robert D. Bayley, W. S. Fleener, F. L. Heitkamp, G. W. Rich, J. L. Ross, C. S. Savage, T. E.	do	)
		Savage, T. E.	do 208 33	RI .
		Promoson, David.	1CO	{
	•	Brooks N C	do 208 35	
		Barto, P. S. Brooks, N. C. Flom, G. T.	do 233 3	
		Goebel, Julius.	do	j
	!	Green, Alexander	do 120 00	
		Held, F. E.	do	2
		Goebel, Julius Green, Alexander Held, F. E Koller, A. H Lessing, O. E Poor, C. M.	do	
		Poor, C. M	do	
		Spindler, G. W. Williams, C. A.	.do	
	}	Williams, C. A	do	)
		Zucker, A. E.	do	)
	l	Alvord, C. W	do 145 88	
	1	Buck S T	do	()
		Cole. A. C.	do	SI .
	}	Duncalf, Frederick	do	il
	]	Williams, C. A. Zucker, A. E. Alvord, C. W. Brush, Elizabeth P. Buck, S. J. Cole, A. C. Duncalf, Frederick Greene, E. B. Larson, L. M. Lybyer, A. H.	.do 150 00 .do 150 00 .do 208 33 .do 416 66	<b> </b>
	}	Larson, L. M.	do	7[
	I	Lypyer, A. H	do 233 33	il .

No.	Date.	To whom.	For what.	Amour
	1914.	Robertson, W. S. Borger, R. L. Burns, Josephine E. Chittenden, E. W. Crathorne, A. R. Denton, W. W. Emch, Arnold. Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B. Sisam, C. H. Smith, G. W. Stouffer, E. B. Townsend, E. J. Wahlin, G. E. Zeis, H. C. Beard, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd, W. F. Fairlie, J. A. Garner, J. W. Hanford, A. C. Mathews, J. M. Bentley, Madison Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Allen, Louis Beck, J. B. Carnahan, D. H. Carry, Charles. Eppels, Joseph FrizGerald, J. D., II Moore, O. H. Oliver, T. E. Schulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Adams, C. C. Chenoweth, H. E. Cobb, Margaret V. Fraust, E. C. Green, Bessie R. Heimburger, H. V. Johnson, Gertrude		
4968	Jan. 15	Robertson, W. S	Salary, January, 1914 \$208 33	
Ctd.		Borger, R. L.	do 125 00	)
		Burns, Josephine E	do 100 00	)
		Chittenden, E. W	do120 00	)
		Crathorne, A. R.	do 166 66	
		Denton, W. W	do 140 00	2
	1	Emcn, Arnold	187 50	3
	ĺ	Hebbert, C. M	do	()
		Tytle F B	do 150 00	
		Millor G A	do 201 66	
		Piote U T	do 150 33	
	i	Rowland S A	do 75 00	
		Rutledge, George	do 60 00	il .
	,	Shaw I B	do 229 16	
		Sisam, C. H	. do	
		Smith, G. W	do 60 00	)
		Stouffer, E. B.	do	)
		Townsend, E. J.	do	3
•		Wahlin, G. E	do 116 66	8
	1	Zeis, H. C.	do	!
	1	Beard, J. H.		!
	1	Burge, W. E.	do 183 33	
	1	Rodo P. U	do 00 00	()
	1	Daniels A H	do 291 00	
	l .	Gaver D T.	do 50 00	{}
	ł	Shenhard Ougen I.	do 110 00	3
	l	Dodd W F	do 191 66	
	1	Fairlie J. A	do 291 66	
	j	Garner, J. W	do	
		Hanford, A. C.	do	
	1	Mathews, J. M	do 150 00	)
	İ	Bentley, Madison	do 270 83	1
		Ruckmich, C. A	do 130 00	)
		Sutherland, A. H	do 150 00	)
		Vance, T. J.	do	
		Allen, Louis	do	<u> </u>
	i	Beck, J. B		2
		Corre Charles	do 110 00	
		Ennals Togonh	do 90 00	
		FitzGerald I D II	do 225 00	íl –
	1	Moore, O. H	do 120 00	il .
	l	Oliver, T. E	do	
		Schulters, J. R.	do 80 00	)
	l	Seymour, A. R.	do 191 66	5
	1:	Turner, L. M	do 150 00	)
	ł	Wesenberg, T. G	do	)
		Hayes, E. C	do	) :
	1	Toda, A. J.	ao	2
	1	Adams, U. U.	137 50	
		Cobb Margaret V	do 30 00	()
		Fanct E C	do 60 00	()
	1	Green Bessie R	.do	SI .
	1	Heimburger, H. V	.do	il
		Faust, E. C. Green, Bessie R. Heimburger, H. V. Johnson, Gertrude Kingsley, J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. Van Cleave, H. J.	do	)
		Kingsley, J. S.	do	
	i .	Linkins, R. H.	do 60 00	)
	:	May, H. G	do 30 00	
	l	Smith, Frank	do 250 00	)
	ļ	Stunkard, H. W	do	
		Van Cleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles Hanson, F. B. (Student)	do	
		Ward, H. B	do	) [
	1	Zolony Chorles	do	
		Hanson F B (Student)	do	
		Kinley David	do	
		Kinley, David. Wright, A. B. Austin, Louise.	do	il
	1	Austin, Louise	.do	
				ol .
	i	Blaney, Lillian Bradner, A. R. Browne, Lois A. Clark, Helen.	do	)[
	l	Bradner, A. R.	do25 00	li l
	1	Browne, Lois A	do	)
	1	Clark, Helen	do	)
	ł	Coultas, Lois M. Cushing, Helen I. Dewey, Ida B.	do	)}
		Cushing, Helen I	do 25 00	1
	ļ	Dewey, Ida B	do 25 00	1]

No.	Date.	To whom.	For what.		Amou
	1914.				
4968	Jan. 15	Fisher, L. N. Garman, Philip.	Salary, January, 1914 \$	25 00	
Ctd.		Garman, Philip	do	25 00	
		Hackett, Aloa A		25 00 25 00	
	1	Ingale Malla I.	do	25 00	
	1	Hack, A. O. Ingels, Nelle L. Kile, Jessie J. Knight, C. K. Knoche, Viola E.	do.	25 00	
		Knight, C. K.	do	25 00	•
		Knoche, Viola E	do	25 00	
	İ	Lamb, B. F	do	25 00	
	l	Lantz, C. W.	do	25 00	
	1	Lawrence, Mathew	do	25 00	
	i	Lincoln, Warren	do	25 00	
	i	McKenna, E. L		25 00	
	ļ	Miles Tois M	do	25 00 25 00	
	i	Miller Jessie F	do	25 00	
		Pasmore D. F	do	25 00	
	į	Parker, Karr	do	25 00	
		Partridge, N. L.	do	25 00	
		Paulson, P. A	do	25 00	
		Ray, S. H	do	25 00	
		Reeves, H. P	do	25 00	
	1	Schinnerer, O. P.		25 00	
	l	Sichers Thekla M	u0	25 00	
		Stavens W E	do	25 00 25 00	
		Stokes, C. N.	_do	25 00	
	}	Sullivan W. W	do	25 00	
	[	Theilen, Margaret K	do	25 00	
		Thoreen, Edna A	do	25 00	
		Thorne, Mabel E	do	25 00	
		Wilber, A. S	do	25 00	
		Wilson, W. H	do	25 00	
		Wolf, H. C		25 00	
		Proven D W	do	25 00 35 00	
		Carroll W E	do	40 00	
		Clark, F. E	do	35 00	
		Conel. J. L.	do	35 00	
		Cort, W. W	do	30 00	
		Farwell, S. P	do	40 00	
		Fracker, S. B.	do	35 00	
		Gittins, Elizabeth M	do	30 00	
		Hardar O E	do	40 00 30 00	
		Haisa E O	do	40 00	
		Holley, C. E.	do	35 00	
		Howard, J. W	do	30 00	
		Johnson, Morris	do	30 00	
		Kircher, E. A. T.	do	40 00	
		Lehenbauer, P. A	do	40 00	
		Macrariane, wanace		35 00 35 00	
		Mathewson, L. C.	do	40 00	
		Millard, E. B.	do	40 00	
		Miller, J. E	do	35 00	
		Peine, A. F	do	35 00	
		Russell, F. A	do	35 00	
		Voegelein, Lily B	do	30 00	
	l	Knight, C. K. Knoche, Viola E Lamb, B. F. Lantz, C. W. Lawrence, Mathew Lincoln, Warren McKenna, E. L. Mathews, Howard Miles, Lois M. Miller, Jessie F Pasmore, D. F Pasmore, D. F Parker, Karr Partridge, N. L. Paulson, P. A Ray, S. H. Reeves, H. P. Schinnerer, O. P. Shewhart, W. A. Slebens, Thekla M. Stevens, W. E. Stokes, C. N. Sullivan, W. W. Theilen, Margaret K. Thoreen, Edna A. Thorne, Mabel E. Wilber, A. S. Wilson, W. H. Wolf, H. C. Wolfe, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. W. Farwell, S. P. Fracker, S. B. Gittins, Elizabeth M. Gutberlet, J. E. Harder, O. E. Heuse, E. O. Holley, C. E. Howard, J. W. Johnson, Morris, Kircher, E. A. T. Lehenbauer, P. A. MacGralane, Wallace McGregor, H. H. Mathewson, L. C. Miller, J. E. Peine, A. F. Russell, F. A. Voegelein, Lily B. Watson, Minnie E. Wright, Quincy Wyatt, F. A. Belt, J. H. Hadley, H. F. McDermet, Rudolph Maney, G. A. Modelenber, W. J. Bond, Ethel	ao	35 00	
		Wrott F A	do	30 00 35 00	
		Relt I H	do	50 00	
	Ì	Hadley, H. F.	do	50 00	
	i	McDermet, Rudolph	do	50 00	
		Maney, G. A	do	50 00	
	į	Montgomery, Julian	do	50 00	
		Nebel, M. L	do	50 00	
		Thomas H P		50 00	
		Wohlenherg W T	do	50 00 50 00	
		Bond. Ethel	do	83 33	
		Curtis, Florence R	.do1	33 33	
		Reece, E. J.	do 1	33 33	
		Simpson, Frances	do 1	66 66	
		Pogue, R. B. Thomas, H. R. Wohlenberg, W. J. Bond, Ethel. Curtis, Florence R. Reece, E. J. Simpson, Frances. Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W.	do 1	80 00	
		Kirkup, Florence M	go 1	00 00	
		Morphy E W	do 2	25 00 70 00	
		morpuy, 12. W	uv 1	10 00	

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4968	Jan. 15	Nasmyth, H. D.	Salary, January, 1914 \$170 00 do	
Cld.	1	Schwartz, G. F	do	
		Simon, Anna. Smith, Constance-Barlow	166 66	
	1	Townsend, L. L.	do	
		Treat, Edna A. Vanden Berg, H. J.	do 100 00	
	1	Vanden Berg, H. J	do	
	1	Clark A H	do 100 00 150 00	
		Vanden Berg, H. Colson, H. H. Clark, A. H. Day, W. B. Eicher, B. L. Gathercoal, E. N. Snow, C. M. Bartow, Edward	do	
	l	Eicher, B. L	. do 100 00	
	İ	Gathercoal, E. N	do	
	1	Bartow Edward	do	
	1	Bartow, Edward Langeleir, W. F Spaulding, C. H. O. E. Staples, Bursar	do	
	İ	Spaulding, C. H.	do 60 00	İ
O 4969	do	O. E. Staples, Bursar	Express bills	\$ 45 7
O 4970 O 4971	do	O. E. Staples, Bursar	Student labor	28 40 139 73
O 4972	do	O. E. Staples, Bursar	General labor	125 9
O 4973	do	O. E. Staples, Bursar	Student labor	236 10
O 4974	do	O. E. Staples, Bursar	General labor	400 6
O 4975 O 4976	do	O. E. Staples, Bursar	Express bills	50 2 440 2
0 4977	do	Pay roll	January, 1914	8, 515 7
	1	O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Pay roll Alexander, Lilla Alley, W. E. Amos, Winifred L. Atkinson, C. E. Beyer, Melinda L.	Salary, January, 1914 65 00	0,020
		Alley, W. E	. do	İ
	1	Amos, Winired L	75 00	l
	1	Bever Melinda L	do	Į.
	į.	Blackwell, Mary	do	1
		Boice, L. A	. do 125 00	1
	1	Bowen, Evalena	. do	
	1	Brown Ing M	- do	
		Bryan, Sarah E	do	
	1	Buckles, Mildred		
	1	Buckler, Helen I	. do	
	1	Cass Elizabeth H	. do	
		Crawford, C. C.	do	
	ł	Cover, Hazel	. do	
		Cunningham, H. E.	. do	
	1	Dalton C E	do	
		Duriey, Franc A		
	1	Emigh, Edith	. do 70 00	ŧ
	1	Feind, Frances		
	ĺ	Fig. Robert	do	
	1	Flattery, Amanda	do	
		Foss, Margaret C	. do 50 00	1
		Fraser, Viola	do 65 00	
	1	Gallaher Marion B	do	
		Garwood, Frances.	do	
	ŀ	Goetz, Antoinette	. do 70 00	
		Gordon Maria A	. do	
	1	Griffith, Mabel	do	
	1	Halliday, Mable	do	
	l	Hamilton, Mrs. Alice V	. do	1.
		Havens, Charles	. do	
	İ	Houchens Josie B	. do	
		Hall. A. H	do	
	į.	Humrichouse, Katie L	do 50 00	i .
		Johnson, Gertrude E	do 60 00	
		Alley, W. E. Armos, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Bolee, L. A. Bowen, Evalena. Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred. Buckler, Helen I. Burt, Ruth. Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cunningham, H. E. Custer, Emma L. Dalton, C. E. Durley, Franca E. Emigh, Edith. Feind, Frances. Feldkamp, Amelia. Frieg, Robert. Flattery, Amanda. Foss, Margaret C. Fraser, Viola. Gage, Marjorie R. Gallaher, Marion B. Garwood, Frances. Goetz, Antoinette. Good, Elizabeth. Gordon, Marie A. Griffith, Mabel. Hamilton, Mrs. Alice V. Havens, Charles. Heater, Myrtle E. Houchens, Josie B. Hall, A. H. Humrichouse, Katie L. Johnson, Gertrude E. Kirwin, Nora. Knapp, Aurella Lahr, Lawrence Lamb, Allie B. Lee, A. R.	do	1
		Lahr, Lawrence	do	
		Lahr, Lawrence	do	i
		Lee, A. R.	. do	
		Leitz, Douise A	do	
		McConn. C. M.	do	
		Lete, A. R. Lettz, Louise A. Love, Mary E. McConn, C. M. McGehee, Hester Elizabeth.	do	ł
	•	McGurty, Agnes McIntire, W. A Manspeaker, L. Mae	do	
		Mengapokor I. Mac	do 50 00	
	1	IMAIISUUKUT, L. Mau	. do 83 33	ı

No.	Date.	Meneley, Maude E Merchant, Donna Meseck, R. Millar, Mary Millar, C. F Morrow, J. A Murphy, Morris Neeham, Lucille Nyberg, Florence A Oberdorfer, H. D Packard, Bessie Peel, Elizabeth C. Peel, Thomas Post, Frederick Postlewait, Harriet L Potter, Mabel Powell, B. E Pulling, Elizabeth Putnam, Persis Rein, Lillian E Renz, Myrtle Ricketts, Clara Riggs, Bess Renz, Myrtle Ricketts, Clara Riggs, Bess Robertson, Nellie Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shappard, Anna L Showers, T. J Stater, Bertha G Stevens, Sara M Smith, Florence E Smith, I. M Smith, Mayme L States, Bertha G Stevens, Sabra Stricklan, Freda O Towne, L. J Tuttle, G. P Tyrrell, Josephine Vaubel, D Voight, Lida E White, Loretta Winchester, B. L Wyninger, H. T Phelps, Virgil Vivian Ellis, E. R. Exton, Edna M Katz, Louise W Leonard, Russell Lonius, J. O Magruder, Ira W Magh, E. R Paulus, William H Reid, Olive G Ressler, Milton Vanderbeck, H. J Wright, G. E Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co Bennett's Magazine Agency Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co. Flanigan-Pearson Co. Bennett's Magazine Agency Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co. Flanigan-Pearson Co. Bennett's Magazine Agency Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co. Flanigan-Pearson Co. Bennett's Magazine Agency Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co. Flanigan-Pearson Co. Bennett's Magazine Agency Electric Coal Co. S. E. Huff & Co. Barnhart Bros. J. T. Ryerson & Son Bugene Dietzgen Co. Flanigan-Pearson Co. Flanigan-Pearson Co. Rational Fresson Ason of Amer ca. Communican Porson. A. Roland Flee Kinnar Mg. Co.	For what.	Amou
	1914.			
4977	Jan. 15	Meneley, Maude E	Salary, January, 1914 \$ 60 00	1
Cld.		Merchant, Donna	. do 50 00	İ
		Millar Mary	do	
		Miller, C. F	do 90 00	
		Morrow, J. A	. do	
		Neeham, Lucille	do	
		Nyberg, Florence A	do	
		Oberdorfer, H. D	. do	ļ
		Peel. Elizabeth C	75 00	l
		Peel, Thomas	do	
		Post, Frederick	do	
		Potter Mahel	do 75 00	
		Powell, B. E.	do	
		Pulling, Elizabeth	do	
		Putnam, Persis	do	
		Renz. Myrtle	do	
		Ricketts, Clara	do	
		Riggs, Bess	do	
,		Rogers, Della M	.do	
4		Scanlan, Mary	do	
1		Sharp, Bertha L	do	
į.	i	Shanard Anna L	do 100 00	
- 1	1	Showers, T. J.	do 125 00	
á		Slater, Sara M	do 60 00	
	-	Smith, Florence E	do 75 00	
1	1	Smith, Mayme L	.do	
- 1		States, Bertha G	do 50 00	
- 1	1	Stevens, Sabra	do	
	i	Towns L. T	do 175 00	
1	1	Tuttle, G. P	do 100 00	
i		Tyrrell, Josephine	do 50 00	
	1	Vaudel, D Voight Lide E	do 83 33	
		White, Loretta	do	
i		Winchester, B. L.	do 50 00	
		Wyninger, H. T	do 150 00	
- 1		Ellis, E. R	.do	
į,	1	Exton, Edna M	do	
Ĭ	1	Katz, Louise W	do	
		Lonius I. O	.do 90 00	
	1	Magruder, Ira W	do	
- 1	į	Math, E. R	125 00	
	1	Raid Olive G	do	
		Ressler, Milton	do 80 00	
		Vanderbeck, H. J	do	
4978	do	Wright, G. E	Coal	\$4 550
4979	do	S. E. Huff & Co	Lumber	\$4,550 33
4980	do	Barnhart Bros	Hinges and locks	3
4981  . 4982  .	do	J. T. Ryerson & Son	Laboratory supplies	87 8
4983	do	Eugene Dietzgen Co.	Paper	ĭ
498 .	do	Flanigan-Pearson Co	Printing	66
4985   . 4986   .	do	Bennett's Magazine Agency	Magazines	24 4
4987	.do	Vaughan's Seed Store	Nursery stock	28
4988	do(	Cunningham Bros	General supplies	34
4989   . 4990   .	do	Fruax Greene & Co	Laboratory apparatus	5 1
4990	.do	The Letter Shop	Clerical assistance	.4
4992	.do	Holstein-Friesian Assn. of Amer ca	Registration fee	2 7
4993	do	Commercial Telephone & Telegraph Co	Service	7
4994   4995	o	K. W. McCready Cork Co	Zinc etching	12 4
4996	do	Julien P. Friez	Ink	7
4997	do(	C. W. Johnson	Laboratory supplies	2 435
4998		a kolond	Linrn	435

No.	Date.	To whom.	For what.	Amount.
	1914.	Twin City Printing Co. Kent & Elliott. F. A. Pearson W. J. Mann J. J. Ausen L. A. Snyder. Fox Machine Co. F. C. Slater Fox Machine Co. F. C. Slater Central Electric Co. W. L. Vansant. Illinois State Reformatory J. Horace McFarland Co. The Creamery Package Mfg. Co. Knowlton & Bennett Stipes & Hecker E. H. Sargent & Co. R. C. Wagner & Son J. D. White, Clerk Professor Wolfgang Ostwald Walter H. Rowe J. O. Tupper Garfield Jones C. G. Cox Chicago Telephone Co. J. E. Smith Wilhelm Miller Ralph Chaplin F. W. Muncie C. C. Logan John Berlin James M. White Barnhart Brothers Pilcher-Hamilton Co. Ernst Leitz Chas A Strelinger Co. Chas A Strelinger Co. Chas A Strelinger Co. Chas A Strelinger Co. Chas A Strelinger Co. Chas A Strelinger Co.		
O 5000	Jan. 15	Twin City Printing Co	Printing	\$181 00 3 55 46 9 8 24 25 00 24 77 20 99 53 55 35 66 10 44 47 56 90 38 35 98
O 5001 O 5002	do	F A Pearson	U0al	3 50
O 5003	do	W. J. Mann	Labor	46 9
O 5004 O 5005	do	J. J. Ausen	Traveling expenses	8 29
O 5005	do	L. A. Snyder	Traveling expenses and services	25 0
5006 5007	do	Fox Machine Co	Laboratory apparatus	24 75
5 5007 5 5008	Tan 16	Champaign Steam Loundry	Loundry	20 9
O 5006 O 5007 O 5008 O 5009	do	B. A. Strauch	Negatives	35 6
5010 5011	do	Central Electric Co	Laboratory supplies	10 4
5010 5011 5012	do	W. L. Vansant	Dictionarys	4 5
5012	do	Illinois State Reformatory	Printing	47 50
5013 5014	do	J. Horace McFarland Co	Laboratory apparatus	90 3
5014	do	Knowlton & Rennett	Laboratory supplies	35 9 2 5 20 64 1 293 5 75 0 125 0 71 0 36 0 14 7
5016	do	Stines & Hecker	Cement and gravel	20 6
5017	do	E. H. Sargent & Co	Laboratory supplies	64 1
5018	do	R. C. Wagner & Son	Labor	293 5
5019	do	J. D. White, Clerk	Postal cards	75 0
5020	do	Professor Wolfgang Ostwald	Lectures	125 0
5021	Jan. 19	Walter H. Rowe	Lecture and traveling expenses.	26 0
5023	do	Garfield Tones	Traveling expenses	14 7
) 5013 ) 5014 ) 5015 ) 5016 ) 5017 ) 5018 ) 5019 ) 5020 ) 5021 ) 5022 ) 5024	do	C. G. Cox	Traveling expenses and expert	11.
•			service	44 4
5025 5026 5027	do	Chicago Telephone Co	Service	23 3
5026	do	J. E. Smith	Expert services	213 7
5027 5028	do	Wilhelm Miller	Traveling expenses	7 5
5028	00	E W Munoio	do	10 5
5029 5030	do	C C Logan	do	18 9
5030 5031 5032	do	John Berlin	Labor	52 0
5032	do	James M. White	Traveling expenses	105 2
5033	do	Barnhart Brothers	Building materials	4 6
5033 5034 5035	do	Pilcher-Hamilton Co	Laboratory supplies	13 0
5035 5036	do	Chicago Marrol Co	Laboratory apparatus	18 2
5036 5037 5038	do	Unicago Towel Co	Laboratory apparatus. Laundry General supplies. Laboratory supplies. Plumbling. Machine repairs. Plastering Repairing harness General supplies. Magazine. Laboratory supplies. do Laboratory apparatus. Office supplies. Thermometer Salt.	3/ 4
5038	do	Chas A Stralinger Co	Laboratory supplies	12.6
5039	do	James B. Clow & Sons	Plumbing	12 3
5039 5040	do	J. W. Dunlap	Machine repairs	23 3
5041 5042	do	Jacob White	Plastering	11 7
5042	do	Miller Harness Co	Repairing harness	4 3
5043 5044	do	The Fourth Fatate	Magazina	6 0
5045	do	Williams Brothers	Laboratory supplies	5 4
5046	do	W. & L. E. Gurlev	.do.	5 0
5047	do	Thr Burr Co	Laboratory apparatus	7 0
5044 5045 5046 5047 5048 5049 5050 5051 5052 5053 5054	do	Flanigan-Pearson Co	Office supplies	10 0
5049	do	Taylor Instrument Co	Thermometer	2 3
5050	do	Eisner Grocery Co	Salt	70.0
5051 5052	do	W W Walls & Co	Lumber	22 1
5053	do	Snaulding & Quirk	General supplies	4 0
5054	do	H. D. Oberdorfer	Traveling expenses	4 6
5055	do	E. H. Sargent & Co	Tubing	1 9
5056	do	Harrison Safety Boiler Works	Thermometer Salt. Stalls Lumber General supplies. Traveling expenses. Tubing Laboratory apparatus. Muslin Electric supplies. Laboratory supplies. do do	23 3 7 7 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 5 2 0 10 10 2 3 3 7 3 2 1 1 2 3 3 7 3 2 1 1 2 3 3 7 3 8 3 7 7 7 7 7 7 2 2 4 7 2 4 8 2 7 4 8 8 7 9 7 7 7 7 2 2 4 7 7 8 8 8 7 9 7 7 7 7 7 2 2 4 7 2 4 8 2 7 1 8 8 8 7 9 7 7 7 7 7 7 2 2 4 7 7 7 7 7 7 7 7 7 7 7
5057	do	G. C. Willis	Muslin	3 8
5058	do	Central Electric Co	Electric supplies	79 3
5059 5060	do	Ches H Bosh & Co	Laboratory supplies	24 7
5061	do	Fuller & Fuller Co	do	48 2
5062	do	Williams Bros	.do	1.
5063	do	U. of I. Supply Store	Automatic stamp	1 2
5064	do	Machinists Supply Co	Laboratory apparatus	19 70
5065	do	F. K. Robeson	Cheese cloth	7 30
5066	do	Green Engineering Co	Macnine repairs	18 2 19 70 7 30 30 60 12 00 74 53
5067 5068	do	The Cudany Packing Co	Coal	74 5
5069	oo	Twin City Roofing Co	Supplies	1 1
5070	uo	The Garlock Packing Co	Machine repairs	12 5
5070 5071	do	V. Mueller & Co.	Laboratory supplies.	3 20
5072	do	Maas Bros.	Laboratory apparatus	41 1
5055 5056 5057 5058 5059 5060 5061 5062 5063 5064 5065 5066 5067 5068 5069 5070 5070 5071	do	A. Daigger & Co	Filter papers	92 76
5074	do	Morrison, Plummer & Co	Laboratory supplies	1 18 12 51 3 20 41 18 92 76 11 55
5075	do	Garfield Jones C. G. Cox Chicago Telephone Co. J. E. Smith Wilhelm Miller Ralph Chaplin F. W. Muncie C. C. Logan John Berlin James M. White Barnhart Brothers Pilcher-Hamilton Co. Ernst Leitz Chicago Towel Co Lussky White & Coolidge Chas. A. Strelinger Co. James B. Clow & Sons J. W. Dunlap Jacob White Miller Harness Co. Luitwieler Pumping Engine Co. The Fourth Estate Williams Brothers W. & L. E. Gurley Thr Burr Co. Flanigan-Pearson Co. James M. G. Spaulding & Quirk H. D. Oberdorfer E. H. Sargent & Co. Harrison Safety Boiler Works G. C. Willis Contral Electric Co B. A. Strauch Chas. H. Sely & Co. Fuller & Fuller Co. Williams Bros. U. of I. Supply Store. Machinists Supply Co. F. K. Robeson Green Engineering Co. The Electric Coal Co. The Electric Coal Co. The Cidaday Packing Co. The Cidaday Packing Co. The Cidaday Packing Co. The Cidaday Packing Co. The Cidaday Packing Co. The Cidaday Packing Co. The Electric Coal Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. The Garlock Packing Co. Nueller & Co. Mass Bros. A. Daigger & Co. Morrison, Plummer & Co. S. S. White Dental Mig. Co. Meyer & Wenthe John W. Spalding.	dodododododododo	28 51 2 46 16 00
5074 5075 5076 5077	do	Meyer & Wenthe	Omce supplies	2 40
	do I	ionn w spaiding	inorse snoeing	TO 00

No.	Date.	To whom.	For what.	Amour
	1914.			
5078	Jan. 19	Campbell & Spalding. B. A. Strauch Bacon Brothers. Reliable Plumbing & Heating Co. Barnhart Brothers The Burr Co. Bacon Bros Ideal Electric Co. Figner Grocery Co.	Horse shoeing	\$ 12
<i>)</i> 5079	do	B. A. Strauch	General supplies	6 1 90
5080	1do	Bacon Brothers	1do	1
5081	do	Reliable Plumbing & Heating Co	Plumbing	90
5082	do	The Pure Co	General supplies	58 2
5084	do	Racon Bros	Building meterials	90
5085	do	Ideal Electric Co	Electric materials	131
5086	do	Eisner Grocery Co	General supplies Laboratory apparatus Freight Traveling expenses Freight Timothy hay Electrical supplies	131 24
5087	Jan. 20	V. Mueller & Co	Laboratory apparatus	1 46
5088	do	The Illinois Central R. R.	Freight	46
5089	do	B. E. Powell	Traveling expenses	28
5090	do	The Illinois Central R. R	Freight	28
5091	do	Wade & Crang	Timothy hay	181
5092	do	Ideal Electric Co	Electrical supplies	, 1
5093	do	Assn. American Agricultural Colleges &	-	١.,
F004	a.	Experiment Stations.	Dues	35
5094		H. A. Hollister	Traveling expenses	31
5095	oo	Barnhart Brothers The Burr Co. The Burr Co. Ideal Electric Co. Eisner Grocery Co. V. Mueller & Co. The Illinois Central R. R. B. E. Powell The Illinois Central R. R. Wade & Crang Ideal Electric Co. Assn. American Agricultural Colleges & Experiment Stations. H. A. Hollister Chicago Live Stock World. American Shropshire Registration Assn. American Shropshire Registration Assn. Metzler & Schafer Co. D. T. Dobbins The Tablet & Ticket Co. Barnhart Bros Herrick & Stotley John Reichard The Sherwin-Williams Co. Mansfield & Wilson Jones & Laughlin Steel Co. A. E. Wuestman Leavitt Mfg. Co. Scott Paper Co. Federal Sign System Wm. Beutenmuller General Chemical Co. W. J. Boehm Baker & Co. The Linde Air Products Co.	Dues. Traveling expenses. Issues daily. Certificates of transfer Seal jars. Grinding corn. Office supplies. Glass. Gasoline. Corn, shelled. Paint supplies. Shoeing. Laboratory supplies. Laboratory apparatus. Apparatus repairs. Drinking cups. Furniture and fixtures. Laboratory supplies. Laboratory supplies. Office supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. An ed ed ed ed ed ed ed ed ed ed ed ed ed	31
5096	ao	Metalor & Schofer Co	Saal jare	,
5097 5098	do	D T Dobbins	Grinding corn	4
5098	do	The Tablet & Ticket Co	Office supplies	8
5100	do	Barnhart Bros	Glass	1 6
5100 5101	- do	Herrick & Stotley	Gasoline	
5102	do	John Reichard	Corn, shelled	34
5103	do	The Sherwin-Williams Co.	Paint supplies.	1
5104	do	Mansfield & Wilson	Shoeing	20
5105	do	Jones & Laughlin Steel Co	Laboratory supplies	
5106	do	A. E. Wuestman	Laboratory apparatus	14
5107	do	Leavitt Mfg. Co	Apparatus repairs	17 20
5108	do	Scott Paper Co	Drinking cups	20
5109	do	Federal Sign System	Furniture and fixtures	50
5110	do	Wm. Beutenmuller	Laboratory supplies	50
5111	do	General Chemical Co	do	32
5112	do	W. J. Boehm	do	
5113	do	Baker & Co	do	0
5114	do	The Linde Air Products Co	dodo	1 6
5115 5116	do	Thermal Syndicate		16
5117	do	Notional Engraving Co	Cuto	30
5118	do	Toppo Toppo Popor Poy Co	Office cumplies	13 30 34
5119	do	Stock Varde Harnes & Saddlery Co	General supplies	34 11 24 22 22 24 14
5120	do	Kenffel & Esser Co	Pencils	1 3
5121	do	The Weis Mfg. Co.	Office supplies	2
5122	do	W. J. Boehm.  Baker & Co. The Linde Air Products Co. Thermal Syndicate. W. D. Nevel. National Engraving Co. Jesse Jones Paper Box Co. Stock Yards Harness & Saddlery Co. Keuffel & Esser Co. The Weis Mfg. Co. Underwood Typewriter Co. Hollis & Duncan. Geo. Murphy	Stencil paper	2
5123	do	Hollis & Duncan.	Office supplies	1 :
5124	do	Geo. Murphy.	Laboratory apparatus	1.
5125	do	General Electric Co	do	1 '
5126	do	The New Era Printing Co	Printing	10
5127	do	Keystone Type Foundry	Office equipment	
5128	do	Bennets Magazine Agency	subscription	1
5129	do	ing. Blue Print & Supply Co	. do . do . do . Cuts . Office supplies . General supplies . Pencils . Office supplies . Stencil paper . Office supplies . Laboratory apparatus . do . Printing . Office equipment . Subscription . General supplies . do	1
5130	do	Sweet-Wallach Co	do	1 7
5131	do	E M Folts	Form mochinory	2
5132	do	G Cramer Dry Plata Co	Coneral cumplies	
5133 5134	do	Hollis & Duncan. Geo. Murphy General Electric Co. The New Era Printing Co. Keystone Type Foundry Bennets Magazine Agency. Ind. Blue Print & Supply Co. Sweet-Wallach Co. Defender Photo Supply Co. F. M. Foltz. G. Cramer Dry Plate Co. Merck & Co. Jino. B. Bennett Royal A. Stipes. Hanchett Paper Co. Shenandoah Nurseries. The Grasselli Chemical Co. B. A. Railton Co. People's Cooperative Co. Eimer & Amend.	dodoFarm machinery repairsGeneral suppliesLaboratory suppliesdoCement.	
5135	do	Ino. B. Bennett	do	
1536	do	Royal A. Stipes	Cement	:
5137	do	Hanchett Paper Co.	Cement General supplies Nursery stock Laboratory supplies Cafe supplies do Laboratory supplies Traveling expenses do do do	2
5138	do	Shenandoah Nurseries.	Nursery stock	ī
5139	Jan. 21	The Grasselli Chemical Co	Laboratory supplies	1 -
5140	do	B. A. Railton Co	Cafe supplies	4
5141	do	People's Cooperative Co	do	20 11 4 80 18
5142	do	Eimer & Amend	Laboratory supplies	] 18
5143	do	W. F. Handschin	Traveling expenses	10
5144	do	J. R. Wells	do	1
5145	do	W. J. Carmichael	do	
5146	ao	V. A. Place	<u></u>	13
5147 5148	ao	People's Cooperative Co. Eimer & Amend W. F. Handschin J. R. Wells. W. J. Carmichael V. A. Place J. B. Andrews. J. L. Edmonds H. E. Babbitt. D. M. White A. A. Hinkley. O. M. Allyn. Irving-Pitt Mfg. Co. G. Cramer Dry Plate Co. J. Horace McFarland Co.	. do	19
5148	00	J. L. Edmonds		] 13
5149 5150		D M White	Tobor	,
		A A Hinkley	Labor	
5151 5152		O M Allyn	Trovoling expenses	
5152	do	Trying-Pitt Mfg Co	Office supplies	1
5154	do	G. Cramer Dry Plate Co	General supplies.	1 0
5155	do	I. Horace McFarland Co.	Furniture and fixtures	383

No.	Date.	To whom.	For what.	Amoun
	1914.			
5156	Jan. 21	R. A. Stipes. Lumiere-Jougla Co Dallenbach Bros Strauch Kodak Finishing Shop. Franz A. Aust. The Wabash R. R. The C. C. C. & St. L. R. R. Pay roll Schultze, S. George. Burmeister, W. H. Dreyer, G. P. Eycleshymer, A. C. Fantus, Bernard. Gardner, Stella. Gehrman, Adolph.	Sand and cement	\$ 36
5157	do	Lumiere-Jougia Co	Laboratory granties	24
5158 5159	[do	Dallenbach Bros	Conord supplies	28
5160	do	Franz A Aust	Traveling expenses	23 32
5161	do	The Wabash R. R.	Freight	23
5162	do	The C., C., C. & St. L. R. R.	do	23 40
5163	do.'	Pay roll	January, 1914	6,042
		Schultze, S. George	Salary, January, 1914 \$ 35 00	2
		Burmeister, W. H.	166 66	
	1	Eveleshymer A C	do 418 86	
	j	Fantus Bernard	do166 66	
		Gardner, Stella	do	<u> </u>
	1	Gehrman, Adolph	do 66 66	3
		Hakenson, Eric Gosta	do	)
		Haskell, J. E	do	2
		Jones, T. S.	do 108 33	
		Millor E G	do 100.00	31
		Moore, J. J	do 125 00	śl ·
	]	Rupert, R. R.	do	3
	}	Small, J. C. (Student)	do 50 00	)
		Welker, W. H.	do208_3	3
		Bartlett, Dr. Frank Kalser	180 00	3
	1	Gaffnay Carl O	do 65.00	
		Davis, D. J	do 416 66	ál
	ł	Falls, Frederick H.	do	ól
		Bake, L. E	do 66 66	3
		Bernard, F. S.	do	) ·
		Coolidge, E. D		3 :
		Collia D M	do 99 90	2
		Hixson Arthur	do 60 00	3
		Lee. H. C.	do	6
	,	McGuire, J. C.	do 125 00	j
		Moorehead, F. B	do 166 66	3
		Moon, Dr. V. H	do	5
	ļ	Noyes, F. B.		<u> </u>
		Storr S P	do 66 66	3
		Lindgren J. M	do	ก่
	ł.	Luther, Cornelia M.	do	Ďł
	ľ	Pillsbury, W. H	do 100 00	)
		Badel, Nathan	do 50 00	9
	į	Tomek, Gertrude	do 60 00	)
	-	Rurne Tomas Tosanh	do 50 0	3
		David, Simon	do 50 0	ŏ
		George, Elia.	do	ŏ
		Kastanos, John	do 50 0	0
		Kolan, John	do 70 0	0
	1	Western Ethel Eve	35 0	N N
	1	Arneson Mahel	do 75 0	ň
		Browne, W. H	do	ŏ
	I	Cole, H W	do	Ó
		Coles, B. D	do 50 0	0
		Froberg, Erie	do	0
		Hwasser, Anna Julia	do	0
		Tomlingon T B	do 125 0	u)
		Allen Josephine	.do	ŏ
		Bolan, Anna R	do	ŏ
		David, Eshoo	do 50 0	0
	1	Loomis, Metta	1do	טן ,
	1	Dovid Poul		N N
	ļ	Randall Frank Monroe	do 20 0	ň
		Heelan, Louise B	do	ŏl
		Klena, Joseph	do	ō
		Hiskey, George M	do 45 0	0
5164	do	Ernst Leitz	Laboratory apparatus	. 97
5165 5166	do	V. Mueller & Co	Laboratory supplies	4
5167		Dreyer, G. P Eyeleshymer, A. C Fantus, Bernard Gardner, Stella Gehrman, Adolph Hakenson, Eric Gosta Haskell, J. E Jones, T. S. Lincoln, Mary C Miller, E. G Moore, J. J. Rupert, R. R. Small, J. C. (Student) Welker, W. H Bartlett, Dr. Frank Kaiser Siegbahn, Nils Gaffney, Carl O Davis, D. J. Falls, Frederick H Bake, L. E. Bernard, F. S. Coolidge, E. D Dittmar, Walter Gallie, D. M. Hixson, Arthur Lee, H. C. McGuire, J. C. Moorehead, F. B. Moon, Dr. V. H Noyes, F. B. Schultz, Louis Starr, S. P. Lindgren, J. M. Luther, Cornelia M Pillsbury, W. H Badel, Nathan Tomek, Gertrude Anderson, Frank H Burns, James Joseph David, Simon George, Elia. Kastanos, John Kolan, John Schultz, Harry Watson, Ethel Eva Arneson, Mabel Browne, W. H Cole, H. W Coles, B. D Froberg, Erie Hwasser, Anna Julia. Southwell, James Tomilnson, J. B Allen, Josephine Bolan, Anna R David, Eshoo Loomis, Metta Gubbins, Maud David, Eshoo Loomis, Metta Gubbins, Maud David, Eshoo Loomis, Metta Gubbins, Maud David, Eshoo Loomis, Metta Gubbins, Maud David, Eshoo Loomis, Metta Gubbins, Maud David, Fank Monroe Heelan, Louise B Klena, Joseph Hiskey, George M Ernst Leitz V. Mueller & Co. E. H. Sargent & Co. A. Daigger & Co. J. M. Smith A. C. McClurg & Co	Laboratory supplies	412
5168	do	J. M. Smith	Tools	3 16
5169	1	A G 35-01 6 G-	Office gunnlies	16

No.	Date.	To whom.	For what.	Amount
	1914.	Antiseptol Liquid Soap Co. Stebbins Hardware Co. E. M. Clark. Frank Turner.		
O 5170 O 5171	Jan. 21	Antiseptol Liquid Soap Co	Soap	\$ 27 6
O 5171 O 5172	do	E. M. Clark	Traveling expenses	3 3 7 0
O 5173	do	Frank Turner	Traveling expenses and expert	
0 5174	do	E. W. Walker & Sons	services Horses. Office supplies Laboratory apparatus Laboratory supplies. Shoeing General supplies Laboratory supplies and appararatus Printing do o	13 2 950 0
O 5175	do	D. H. Lloyde	Office supplies	40 2
O 5176	do	Maas Brothers	Laboratory apparatus	13 6
O 5177 O 5178	do	Morrison-Plummer Co	Laboratory supplies	149 6 5 5
5179	do	Knowlton & Bennett	General supplies	9 8
7 2160	do	E. W. Walker & Sons D. H. Lloyde Mass Brothers. Morrison-Plummer Co Chester Horseshoeing Shop Knowlton & Bennett Taylor Hardware Co	Laboratory supplies and appar-	
		Flanigan-Pearson Co. Illinois State Reformatory. H. Swannell & Son Miller Harness Co. Scientific Materials Co. D. H. Lloyde. The Eisner Grocery Co. Bacon Brothers. Champaign Seed Co. Twin City Printing Co. Standard Oil Co. Cunningham Bros. Stipss & Hecker. John H. Doyle. S. E. Dillavou. Campbell & Spalding. John W. Spalding. John W. Spalding. L. T. Brownfield Ideal Electric Co. Ernst Hertzberg & Sons.	aratus	9 0 27 3 11 7 2 8 1 5
5181 5182	do	Illinois State Reformatory	do.	27 3
5183	do	H. Swannell & Son	Laboratory supplies	2 8
5184	do	Miller Harness Co	Printingdo. Laboratory supplies Laboratory apparatus. Knives. Record book Salt Glass Bone meal Stamp Oil General supplies.	1 5
5185	do	Scientific Materials Co	Knives	
5186 5187	do	The Figuer Greenw Co	Record book	13
5188	do	Bacon Brothers	Glass	1 9
5189	do	Champaign Seed Co	Bone meal.	12 5
5190 5191	do	Twin City Printing Co	Stamp	3
5191 5192	do	Standard Oil Co	Cananal grampling	3 2
5192 5193	do .	Stines & Hecker	Cement and sand	17 5
5194	do	John H. Dovle	Stamp Oil General supplies Cement and sand General supplies .do Shoeing .do Shoeing .do Shoeing and repairs General supplies Books and magazines Carriage service Laboratory supplies .do Laboratory apparatus	3 2 9 3 17 5 15 3
5195	do	S. E. Dillavou	do	8 5 4 0
5196	do	Campbell & Spalding	Shoeing	4 0
5197 5198	ao	John W. Spalding	Shooing and repairs	21 0 10 6 33 3 137 4
5199	do	Ideal Electric Co	General supplies	33 3
5200	do	Ernst Hertzberg & Sons	Books and magazines	137 4
5201 5202	do	The Chester Transfer Co.	Carriage service	1 2 8 9
5202 5203	do	The Charles A. Hall Hardware Co	Laboratory supplies	8 9 24 5
5203	do	International Instrument Co	Laboratory apparatus	265 6
5205	do	J. W. Butler Paper Co	Paper	46.5
5206	do	Ideal Electric Co- Ernst Hertzberg & Sons The Chester Transfer Co. The Charles A. Hall Hardware Co. E. H. Sargent & Co. International Instrument Co. J. W. Butler Paper Co. U. of I. Supply Store. The Burr Co. Wm. Schlotzhauer O. S. Fisher. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Marshal Field & Co., Retail Geo. B. Carpenter & Co. Standard Oil Co. The Taylor Hardware Co.	Laboratory suppliesdo. Laboratory apparatus. Paper Office equipment. Laboratory supplies. Field expenses and labor. Travaling expenses	61 8 34 3
5207	do	The Burr Co.	Laboratory supplies	34 3
5208 5209	do 22	O S Fisher	Travéling expenses and 1900r. Travéling expenses. Sundry bills. General labor. Student labor. Express bills. Brush materials. Lace leather.	37 0 28 7
5210	do	O. E. Staples, Bursar.	Sundry bills.	29 2 478 9
5211	do	O. E. Staples, Bursar	General labor	478 9
5212 5213	do	O. E. Staples, Bursar	Student labor	334 8 23 3
5213 5214	ao	Marshal Riald & Co. Ratail	Rrush materials	20 0 55 8
5215	do	Geo. B. Carpenter & Co	Lace leather.	55 8 6 7
5216	do	Standard Oil Co	Oil	98
5217	do	The Taylor Hardware Co	Brush materials. Lace leather Oil. Laboratory apparatus and supplies. Envelopes.	0.1
5218	do	J. W. Butler Paper Co. F. K. Robeson Eimer & Amend The Tablet & Ticket Co. G. C. Willis F. M. Foltz G. W. Sheldon & Co. App & Miller H. E. Tafts. Scientific Materials Co. E. H. Swigert.		61
5219	do	F. K. Robeson	Laboratory apparatus. do Office supplies. Muslin.	98
5220 5221	do	Eimer & Amend	do	25 0 31 0
5221	do	The Tablet & Ticket Co	Office supplies	31 0
5222 5223	do	F. M. Foltz	Farm machinery repairs. Freight and express. Elevator inspections. Clerical assistance anad supplies Laboratory apparatus. Tuning pianos. Furniture and fixtures. General supplies. Apparatus and laboratory supplies.	$\begin{smallmatrix}1&5\\2&4\end{smallmatrix}$
5224	do	G. W. Sheldon & Co.	Freight and express.	11 9
5225	do	App & Miller	Elevator inspections	40 0
5222 5223 5224 5225 5225 5226 5227 5228	do	H. E. Tufts.	Clerical assistance anad supplies	5 6 271 0
5227 5228	do	E. H. Swigert	Tuning pianos	28 5
5229	do	P. L. Windsor	Furniture and fixtures	11
5230	do	E. H. Swigert. P. L. Windsor. G. E. Amsbary Co. Montgomery Ward & Co.	General supplies	1 1 3 1
5231	do	Montgomery Ward & Co	Apparatus and laboratory sup-	04.0
5232	do	R F Stayongon & Son	T oborotory supplies	24 0
5233	do	F. P. Smith W. & I. Works	Steel materials	1 6 144 0
5234	do	The J. B. Ford Co	plies. Laboratory supplies. Steel materials. Dairy mans cleaner.	25.0
5235	do	The Chester Transfer Co	DrayageSheep	33 4
5236 5237	do	B. F. Stevenson & Son. F. P. Smith W. & I. Works. The J. B. Ford Co. The Chester Transfer Co. F. P. Hampton American Tamworth Swine Recording	Sneep	35 0
5237		Assn	Certificates	3 0
5238	do	D. T. Dobbins	CertificatesGrinding corn	3 6
5238 5239	do	Ed Gordin	MIIIAC	240 0
5240	do	Aner teal Tailworth Swille Recording Assn D. T. Dobbins Ed Gordin Henry Troemner Crosby Steam Gage & Valve Co. The Daily Illini The A. H. Andrews Co.	Laboratory apparatus Laboratory supplies Subscription Furniture repairs	. 25 6
5241 5242	do	The Daily Illini	Subscription	2 5
		The A TT Andrew Co	Furnitura ranaire	37 2
5243	do	The A. H. Andrews Co		

No.	Date.	To whom.	For what.	Amou
	1914.			
5244	Jan. 22	The Babcock & Wilcox Co	Machine repairs	<b>\$</b> 15
5245	do	Chicago Watchmans Clock Works	Clock dials	14
5246	do	Chicago Engineer Supply Co. Guillott Metal Gasket Co.	Belt lace	2
5247	do	Brown & Shanna Mfr. Co	Gaskets	9
$\frac{5248}{5249}$	do	Brown & Sharpe Mfg. Co. B. S. Pickett Geo. Postel	Laboratory apparatus. Traveling expenses. Rent.	3
5250	do	Gen Postel	Rent	116
5251	do	Geo. Postel. C. C. Logan. Estate of Hiram Silbey. William Ganschow Co. Barnhart Bros. Bacon Brothers. Flanigan-Pearson Co. Chas. A. Hall Hardware Co. The Burr Co. D. H. Lloyda	Traveling expenses	21
5252	do	Estate of Hiram Silbey	Field expenses.	83
5253	do	William Ganschow Co	Apparatus repairs	27
5254	do	Barnhart Bros	General supplies	7
5255	do	Bacon Brothers	Painting	2
5256	do	Flanigan-Pearson Co	Printing calendar	207
5257	do	Chas. A. Hall Hardware Co	Laboratory supplies	9
5258	ao	The Burr Co D. H. Lloyde.	Building materials	1
5259		D. H. Dioyde	Laboratory and gonorar office	183
5260	do	John H. Doyle	Laboratory and concreteupplies	19
5261	do	The Western Electric Co	Electrical supplies	106
5262	. do	Eisner Grocery Co.	Cate supplies.	54
5263	do	R. C. Wagner & Son	General labor	42
5264	do	Eisner Grocery Co. R. C. Wagner & Son. Alexander Lumber Co. Knowlton & Bennett.	Coal, lumber, etc.	20
5265	Jan. 23	Knowlton & Bennett	Laboratory supplies	
5266	l do	Bacon Brothers	Painting	93
5267	do	The Burr Co. Percival & Moorehead. The Taylor Hardware Co.	supplies Laboratory and general supplies Electrical supplies Cate supplies. General labor Coal, lumber, etc Laboratory supplies. Painting Laboratory supplies Farm machinery General supplies. do.	93
5268	do	Percival & Moorehead	Farm machinery	16
5269	do	The Taylor Hardware Co. D. H. Lloyde P. D. Foster William Buch Edward C. Schmidt Charles Thorpe H. J. Snider International Harvester Co. Gustaf Larson American Electric Co. The Tuttle, Morehouse & Taylor Co.	General supplies	16
5270	do	D. H. Lloyde		
5271		William Duch		5
$\frac{5272}{5273}$	do	Edward C Schmidt	Trovoling ovnenges	9
5274	do	Charles Thorne	Lacture and demonstration	30
5275	do	H I Snider	Traveling expenses	19
5276	do	International Harvester Co	Lecture	25
5277	do	Gustaf Larson	Library	-ĩ
5278	do	American Electric Co	Telephone apparatus	9
5279	do	The Tuttle, Morehouse & Taylor Co Baker & Co. J. Horace McFarland Co. R. Riley Hank Supply Co. Weil Brothers.	Printing	8
5280	do	Baker & Co.	Laboratory supplies	14
5281	do	J. Horace McFarland Co	Laboratory apparatus	40
5282	do	R. Riley Hank Supply Co	do	17
5283	do	Weil Brothers	Sheet lead Building charges Plumbing Metal polish General supplies	24
5284	do	Barnhart Brothers	Building charges	1
5285	do	The Western Rooting & Supply Co	Plumbing	26
5286 5287	do	Wadsworth-Howland Co	Conorol graphics	72
5288	do	T W Dunlan	do	iĝ
5289	do	Crane Co	Machine renairs	14
5290	do	Dr. R. W. Braithwaite	Antiseptic powder	- 2
5291	do	Weil Brothers Barnhart Brothers. The Western Roofing & Supply Co. Wadsworth-Howland Co. J. W. Dunlap Crane Co. Dr. R. W. Braithwaite. Lewis Electric Supply Co. American Hard Rubber Co. Colorado School of Mines Magazine.	Machine repairs. Antiseptic powder Electrical supplies Laboratory supplies Lecture notes	_
5292	do	American Hard Rubber Co	Laboratory supplies	24
5293	do	Colorado School of Mines Magazine	Lecture notes	1
				66
5295	do	G. C. Willis	Laboratory supplies	1.6
5296	do	National Carbon Co	Batteries.	13
5297	ao	Coo B Corportor & Co	Statuettes and studies	33 11
5298 5299	do	National Carbon Co P. P. Caproni & Bros Geo. B. Carpenter & Co Western Electric Co	Laboratory supplies. Office equipment, repairs. Paper towels. Electric supplies January, 1914 Wages, January, 1914 47 50	3
5300	do	Western Electric Co. Scott Paper Co. Manhattan Electric Supply Co. Pay roll. Atkinson, Q. G. Coffey, J. H. Brayles, W. H. Brown, C. F. Brown, E. J. Dale, Fred. Engle, Lawrence. Grabbee, Florence H.	Paner towels	41
5301	do.	Manhaffan Electric Supply Co	Electric supplies	44
5302	do	Pay roll.	January, 1914.	5, 467
		Atkinson, Q. G.	Wages, January, 1914 \$ 47 50	
		Coffey, J. H	. do 50 00	
		Brayles, W. H	. do	
}		Brown, C. F	do	
		Brown, E. J		
	:	Daie, Fred		
		Crabboa Florence H	. do	
j		Hamm Charles	do 50 00	
-	*	Hamm, Charles Ham, Raymond	do	
		Hamlin Člyda	do 60 00	
j		Hamlin, Hiram	do	l
-		Hamlin, Hiram Harding, Clayton F Heath, William Herbert, J. J	do	
	1	Heath, William	do	
- 1		Herbert, J. J	do	
1		Jensen, George	do	i
		Jensen, George Love, Clifford B	do	
Ì		Lowery, Kathryn	, do 50 00	
,		McQueen, H. D	. do 50 00	

No.	Date.	To whom.	For what.	Amoun
	1914.	Marshall, Samuel A. Mink, George. Mink, J. D. Miller, W. W. Nesbif, Lawrence. Pergande, Charles G. Peterson, A. C. Proesel, William. Sanders, Frank. Shaffer, Guy. Shipman, Cash. Stives, M. F. Argo, Roy. Barto, Lucy M. Chaplin, Raiph. Conley, M. J. Cook, Jesse. Crawford, T. P. Foor, H. Goodspeed, W. S.		
5302 Cld.	Jan. 23	Marshall, Samuel A	Wages, January, 1914 \$ 45 00	
Cia.	ł	Mink, George	1do 47.00	
		Millor W W	do 75 00	
		Nesbit, Lawrence	do	
		Pergande, Charles G	do 45 00	)
		Peterson, A. C	do 47 50	
	ĺ	Proesel, William	do50 00	
		Sanders, Frank	do 50 00	
		Shaffer, Guy	do	
		Snipman, Cash		
		Argo Pov	do 55 00	
	1	Rarto Lucy M	do 20 00	
		Chanlin Ralph	do 60 00	
		Conley M. I	do 75 00	
		Cook, Jesse	do 55 00	ıl .
		Crawford, T. P.	do	
	1	Foor, H	do 22 00	· l
		Goodspeed, W. S.	do 83 33	
		Harolle, Cláude	do 40 00	
		Hough, William	do 83 33	
		Jenkins, Elmer	do	
	l	Kelley, J. R.	do	1
	1	Foor, H.  Goodspeed, W. S. Harolle, Claude. Hough, William Jenkins, Elmer Kelley, J. R. Meenach, Earl Patterson, Will Pergande, R. Pritchard, H. Pritchard, H. Rhoads, Hazel Rose, M. D.	do	1
	1	Patterson, Will	do	1
		Pritchard H	do	
		Pritchard, H	do	
		Phoeda Hazel	do60 00	
		Pogo M D	do	
		Sprinkle D C	_do50 00	
		Stoneburner A I	do	
		Swearingen Daisy O	do	
		Wilson R W	do	ıļ.
		Anderson, J. C.	do	
	1	Baldwin, L. S.	do 13 00	d .
	1	Diekmon, T. W	do 65 00	1
		Engle, Ralph	do	
		Glover, R. C.	do 50 00	1
		Johns, W. E	do	1
	l	Stoutzenberg, Florence	do	
		Andrews, J. B	do 55 00	
		Ausen, Junus	do	
		Pandalov C W	do60 00	
		Reprott W T.	do	
		Behling Edwin	do55 00	
		Burdick, I. F	do 75 00	
		Carlson, M. R.	do 60 00	il
		Cate, H. A	do 70 00	ŀ
		Campbell, C. A.	do	
		Chapman, C. C.	do 100 00	
		Crouch, H. E	do 115 00	1
		Dewerff, H. A	do	1
	· .	Duniap, B. H	do	
		Convey Ford	do	3
		Granthan G M	do	
		Harry W L	_do100 00	ı
		Hunter I. A	do 75 00	
- 1		Jensen, C. C	do	
- 1		Jones, Garfield	.do	i i
		Lankford, John	do	
		Lawson, H. C.	do 55 00	
		Oimette, N. H	do 55 00	1
		Palfrey, J. R	do 75 00	
		Palsey, 1	do	1
-		Pine, Fred	do	1
		Keed, Alice	do	
		Rusner, F. E.	do 60 00	1
		Sims, Flora M	do	1
		Stork D W	do	1
		Torgareon F F	do	
		Pritchard, H Pritchard, H Pritchard, R Rhoads, Hazel Rose, M. D Sprinkle, D. C Stoneburner, A. J Swearingen, Daisy O Wilson, R. W Anderson, J. C Baldwin, L. S Diekmon, T. W Engle, Ralph Glover, R. C Johns, W. E Stoutzenberg, Florence Andrews, J. B Ausen, Julius Badger, C. J Beardsley, G. W Bennett, W. L Behling, Edwin Burdick, I. F Carlson, M. R Cate, H. A Campbell, C. A Chapman, C. C Crouch, H. E DeWerff, H. A Dunlap, B. H Engle, W. J Garver, Earl Granthan, G. M Harry, W. L Hunter, L. A Jensen, C. C Jones, Garfield Lankford, John Lawson, H. C Oimette, N. H Palfrey, J. R Palsey, I. Pine, Fred Reed, Alice Rusher, F. E Stork, Rew Torgerson, E. F Tornquest, Andrew Walters, Phillip D. S. Zehr Wm. Fliege	-do	1
		Walters Phillin	do	
*0.00	Jan. 26	D 0 7.h.	Field arranges	\$ 8
5303			Field expenses and labor	

No.	Date.	To whom.	For what.	Amoun
	1914.			
5305	Jan. 26	D. O. Barto	Traveling expenses	<b>\$</b> 15
5306 5307	do	The Taylor Hardware Co	Farm'machinery. General supplies.	5
5307 5308	do	The Burr Co	do do	133
5309	do	The Miller Harness Co	do	133 27
5310	do	D. H. Lloyde.	Office equipment and supplies	22 4 1 6
5311	do	Percival & Moorehead	Office equipment and supplies General suppliesdo. Shoeing. Lime. Wash heads Laboratory supplies Office supplies. General supplies Shoeing. Cloth	4
5311 5312	do	Knowlton & Bennett	do	1
5313	do	Knowton & Bennett C. C. Short Alexander Lumber Co. Bacon Brothers. A. S. Nelson & Sons. The Tablet & Ticket Co. Standard Cap & Seal Co. Chester Horseshoeing Shop. F. K. Robeson.	Shoeing	6
5314	do	Alexander Lumber Co	Lime	2 1 6 15
5315	do	Bacon Brothers	Wash heads	1
5316	do	A. S. Nelson & Sons	Laboratory supplies	15
5317	do	Standard Cap & Saal Ca	General supplies	76
5318 5319	do	Chartar Horsashoaing Shop	Shoeing	76 14
5320	do	F. K. Robeson	Cloth Laboratory apparatus Office supplies Photos & slides	4
5321	do	Chas. E. Prentice	Laboratory apparatus	13
5322	do	Meyer & Wenthe.	Office supplies	6 28
5323	do	R. F. Hilderbrand	Photos & slides	28
5324	do	General Electric Co	Electrical materials	403
5325 5326	do	Western Electric Co	Office equipment repairs Boiler insurance	12 393
5326	ao	Hartiord Steam Boiler Insurance Co	Stomps	393
5327 5328	ao	J. D. Willto, Clerk	Laboratory supplies	325 9
5328	do	Standard Cap & Seal Co. Chester Horseshoeing Shop F. K. Robeson. Chas. E. Prentice. Meyer & Wenthe. R. F. Hilderbrand General Electric Co. Western Electric Co. Western Electric Co. Hartford Steam Boiler Insurance Co. J. D. White, Clerk E. P. Reichhelm & Co. W. N. Sunderland. Estate of Hiram Sibley. A. A. Hinkley D. M. White American Law Book Co. Scientific Materials Co. Jacob Reed's Sons F. M. Leslie. Ida M. Colcord. D. T. Dobbins Spaulding & Quirk. John Lynch. Niemann Bros. Mfg. Co. Harris, Dillavou & Co. Crane Co. Albert E. Wuesteman. Louis F. Nafis. P. S. Campbell	Boller Insurance Stamps Laboratory supplies Rent .do .do .do .Books Laboratory supplies	62
5330	do	Estate of Hiram Sibley	do	49
5331	do	A. A. Hinkley	do	42 20
5332	do	D. M. White	do	8 7 356
5332 5333	do	American Law Book Co	Books	7
5334	do	Scientific Materials Co	Laboratory supplies	356
5335	do	Jacob Reed's Sons	Laboratory supplies	99
5336	do	F. M. Leslie	Picture frame	5
5336 5337	do	Ida M. Colcord	Books	1
5338	do	D. T. Dobbins	Grinding corn	3
5339	do	Spaulding & Quirk	Grinding corn Laboratory supplies Coal oil Fencing	99 5 1 3
5340		John Lynch	Foneing	
5342	do	Harrig Dillayou & Co	Chargoal	4
5342	do •	Crane Co	Laboratory supplies	6
5344	.do.	Albert E. Wijesteman	Renairing watch	6
5344	do	Louis F. Nafis	Laboratory supplies and appar-	
			Feacing. Charcoal Laboratory supplies. Repairing watch. Laboratory supplies and apparatus. Printing. Apparatus. General supplies Laboratory apparatus. General supplies Cooler corks.	48 15 21
	do	P. S. Campbell	Printing	15
5347	do	Sturges & Burn Mfg. Co	Apparatus	21
5348	do	Williams Brothers	General supplies	2 3
5349 5350	do	A. M. & L. A. Terwilliger	Laboratory apparatus	3 2 2
5350 5351	do	W. Lewis & Co	General supplies	2
5351 5352	do	E I Colvin	Ground boof	2
5352 5353	do	The National Cash Register Co	Cooler corks. Ground beef Detail paper	$\frac{2}{1}$
5354	do	Bausch & Lomb Ontical Co	Laboratory apparatus	100
5355	do	Milwaukee Bag Co	Canvas bags	145
5356	do	The Stous & Harrison Co	Nursery stock	9
5357	do	John DeBuck	. <u> </u> do	30
5358	do	F. Dorner & Sons Co	Plants	68
5359	do	P. S. Campbell Sturges & Burn Mfg. Co. Williams Brothers A. M. & L. A. Terwilliger W. Lewis & Co. Chester Dairy Supply Co. F. J. Colvin. The National Cash Register Co. Bausch & Lomb Optical Co. Milwaukee Bag Co. The Stous & Harrison Co. John DeBuck F. Dorner & Sons Co. Eisner Grocery Co. J. L. Schiller	Detail paper. Laboratory apparatus. Canvas bags. Nursery stockdo. Plants. General supplies. Nursery stock Laboratory supplies. Rent, experimental work. Car demurrage. Freightdodo. Laboratory apparatus and sup-	7 2 37 290
5360	do	Eisner Grocery Co. J. L. Schiller The Kentucky Tobacco Produce Co Fairview Park Cemetary Assn. The C., C., C. & St. L. Ry. Co. The Wabash R. R. The C., C., C. & St. L. R. Co. Illinois Central R. R. Co. E. H. Sargent & Co.	Laboratory gun-122	2
5361 5362	do	The Kentucky Tobacco Produce Co	Dant experimental work	900
5363	do	The C C C & St I Dy Co	Cor domirrogo	290
5364	do	The Websel R R	Fraight	4 67
5365	do	The C. C. C. & St. L. B. B. Co.	do	34
5366	do	Illinois Central R. R. Co	do	34 25
5367	do	E. H. Sargent & Co.	Laboratory apparatus and supplies.	
		0	plies	153
5368	do	John H. Doyle	Laboratory apparatus	13
5369 5370	do	The Western Electric Co	Electrical materials	57
5370	do	Woldenberg & Schaar	Laboratory supplies	13 57 27
5371	do	K. W. Braithwaite	Expert services	144
5372	do	V. A. Kiler	Laboratory gypalica	22 5
5373 5374	ao	Floridan Poerson Co	Printing	8
5374 5375	uo	Mice M II Dov	Traveling expenses	8
5375	do	The Letter shop	Typewriting	30
5376	do	Art Metal Construction Co	Standard for bookstack	30 14
5377 5378	do	Montgomery & Co	Laboratory apparatus	15
5379	do	John H. Doyle The Western Electric Co Woldenberg & Schaar R. W. Braithwaite C. A. Kiler Knowlton & Bennett Flanigan-Pearson Co. Miss M. H. Day. The Letter shop. Art Metal Construction Co Montgomery & Co W. C. Bagley Deep Bree Steam Pump Works	Laboratory apparatus. Electrical materials. Laboratory supplies. Expert services. Office equipment. Laboratory supplies. Printing. Traveling expenses. Typewriting. Standard for bookstack Laboratory apparatus. Lecture.	80
5380	do	W. C. Bagley Dean Bros. Steam Pump Works. Smith-Totman Co.	Lecture. Pump plungers. Plumbing.	80
				6

No.	Date.	To whom.	For what.	Amou
	1914.			
5382	Jan. 26	Southern Illinois Penitentiary. Engineer's Soc. of West Penn. Eimer & Amend  Geraghty & Co. Champaign Bottling Works. International Atcheson Graphite Co. A. S. Nelson & Sons. Norton Co. C. J. Welch Ansco Co. Geo. Banta Publishing Co. McGraw-Hill Book Co.	Supplies	\$ 12
5383	do	Engineer's Soc. of West Penn	Library	5
5384	jdo	Eimer & Amend	Laboratory apparatus and sup-	111
5385	do	Geraghty & Co	General supplies	111 3
5386 5387 5388	do	Champaign Bottling Works	Laboratory supplies	2
5387	do	International Atcheson Graphite Co	do	4
5388 5389	do	A. S. Nelson & Sons	do	i
5389 5390 5391	do	Norton Co.	. do	3 65
539U 5301	do	Angeo Co	General supplies	7
5391 5392	do	Ansoc Co. Geo. Banta Publishing Co. McGraw-Hill Book Co. H. A. Hollister	Printing	7 36 10 17
5393	do	McGraw-Hill Book Co.	Books. Traveling expenses.	10
5394	do	H. A. Hollister	Traveling expenses	17
5395	do	C. H. Mills	do	3
5396 5397	do Jan. 28	McGraw-Hill Book Co. H. A. Hollister C. H. Mills Herbert W. Mumford Ernst Hertzberg & Sons The Central Union Telephone Co. Bennett's Magazine Agency Percival & Moorehead D. O. Barto. Herbert W. Mumford John H. Doyle Soe Scandinavian Study. International Magazine Co. New York Botanical Gardens New York Botanical Gardens New York State Library United States Post Office. Simplified Spelling Bulletin G. W. Sheldon & Co. Ice Cream Trade Journal Superintendent of Documents The Card Annex G. B. Brett.	do. do. Binding. Service. Magazines. Furniture and fixtures. Traveling expenses	281
5398	do	The Central Union Telephone Co	Service	170
5399	do	Bennett's Magazine Agency	Magazines	6
5400 5401	do	Percival & Moorehead	Furniture and fixtures	4
5401	do	D. O. Barto	Traveling expenses	26 11
5402	do	Herbert W. Mumford	Divilding motorials	10
5403 5404	do	See Seendingvien Study	Publications	19
5405	do	International Magazine Co.	Magazines	Ī
5406	do	New York Botanical Gardens	Publication	1
5407	do	New York State Library	Traveling expensesdo. do. Building materials Publications. Magazines. Publication Books. Postage. Bulletins. Freight and express. Books. do. Subscription Books.	1
5408 5409	do	United States Post Office	Postage	5
5410	do	Simplified Spelling Bulletin	Freight and avarage	7
5411	do	Ice Cream Trade Journal	Books.	25
5411 5412	do	Superintendent of Documents	do	25 2
5413	do	The Card Annex	Subscription	5
5414	do	G. B. Brett	Books	10 9
$5415 \\ 5416$	do	W. W. Walls & Co	Farm machinery	18
5417	do	D H Lloyde	Office supplies	9
5418	do	Eisner Grocery Co.	General supplies	16 5
5419	do	The Card Annex G. B. Brett. W. W. Walls & Co. C. A. Kiler D. H. Lloyde. Eisner Grocery Co. Percival & Moorehead P. S. Campbell. Barnhart Bros. The Burr Co. Taylor Hardware Co. S. E. Huff & Co. John H. Doyle.	Subscription Books	5
5420	do	P. S. Campbell	Printing	22
5421	do	Barnhart Bros	General supplies	1 7
$\frac{5422}{5423}$	do	Towler Hardware Co.	Laboratory supplies	27
5424	do	S. E. Huff & Co.	Building materials	126
5425	do	John H. Doyle.	General supplies.	13 190
5426	do	Illinois State Reformatory	Printing	190
5427	do	Knowlton & Bennett	General supplies	4 21
$5428 \\ 5429$	do	R. C. Wagner & Son	Taboratory supplies	21
5430	do	S. E. Huff & Co. John H. Doyle Illinois State Reformatory. Knowlton & Bennett. R. C. Wagner & Son E. H. Sargent & Co. Leavitt Mfg. Co. J. B. Bennett. Stipes & Hecker. Reliable Plumbing & Heating Co. Chas. A. Hall Hardware Co.	Building materials	19
5431	do	J. B. Bennett.	Drains	5
5432	do:	Stipes & Hecker	General supplies	86
5433	do	Reliable Plumbing & Heating Co	Plumbing	3
5434	do	Chas. A. Hall Hardware Co	Laboratory apparatus and sup-	9
5435	do	W Lowis & Co	Laboratory supplies	ĭ
5436	do	G. C. Willis	do	î
5437	do	S. E. Huff.	Building changes	1 100
5438	do	Champaign Daily Gazette	Advertising	1
5439	do	Pay roll.	January, 1914	438
		Conrad, Emma	Wages, January, 1914 . \$26 00	ĺ
		Hansal Etta	do 18 37	
		Mirsa, Harry	do	
		Redman, Louise E.	do	
		Ricketts, Hazel W	. do 63 00	
		Snue, Mrs. Lizzie B	.   do	
		Meanach O E	- do	
		Morgan, J. E	do 15 00	
		Bunch, Mamie	do 45 00	
		Geist, H. F.	.  .do 90 00	
5440	Jan. 29	Western Union Telegraph Co	Telegrams	6
5441	do	Western Union Telegraph Co	. do	4
5442 5443	do	Postal Telegraph Cable Co	Conoral motorials	5 55
5443 5444	ao	Chas. A. Hall Hardware Co.  W. Lewis & Co. G. C. Willis S. E. Huff. Champaign Daily Gazette. Pay roll Conrad, Emma Curry, Florence J. Hensel, Etta Mirsa, Harry Redman, Louise E. Ricketts, Hazel W Shue, Mrs. Lizzie B Clarke, Ethel Meenach, O. E. Morgan, J. E. Bunch, Mamle Geist, H. F Western Union Telegraph Co. Postal Telegraph Cable Co. The Burr Co. Geo. E. Wright. G. E. Stechert Co. Flanigan-Pearson Co.	Traveling expenses	95 14
5444 5445	do	G. E. Stechert Co	Books.	1.2
			In 1 11	15

No.	Date.	To whom.	For what.	Amoun
	1914.	Bacon Brothers. Automatic Electric Co. American LaFrance Fire Engine Co Crane Co Ward's Natural Science Establishment C. H. Stoelting Co. The Western Electric Co. James Mg. Co. Miller Harness Co. J. C. Thomas. Waite Grass Carpet Co. F. M. Leslie. Woldenberg & Schaar Jos. Kuhn & Co. The Frederick Post Co. Sweet-Wallach & Co. Wilson-Maoulen Co. St. Louis Biological Laboratory. Rand, McNally & Co. Chas. F. Witt Estate The Silver Mg. Co. The Carson-Payson Co. Shavings & Sawdust Co. Spaulding & Quirk. Pattengale Bros. Illinois Electric Co. D. W. Augspurger & Sons Co. Henry A. Dreer, Inc. Jos. Fleshner The Taylor Hardware Co. R. C. Wagner & Son The Alagory Fleshrer The Andrew Co. The Taylor Hardware Co. The Taylor Hardware Co. R. C. Wagner & Son The Alagory & Western Electric Co. Meyer & Wenthe. Wastern Electric Co. Meyer & Wenthe. Walker & Mulliken S. E. Huff & Co. S. A. Sandweger U. of I. Supply Store. Louis Melind Co. A. E. Wuestman Louden Machinery Co. C. A. Kiler Pantagraph Printing & Stationery Co. Bennett's Magazine Agency. C. A. Denman. Illinois State Penitentiary. Scott Paper Co. McCoy & Garten Ohio Agricultural Experiment Station American Rambouillet Sheep Breeders' Assn. Assn. Assn. Assn. Assn.		
5447 5448	Jan. 29	Bacon Brothers	General supplies Telephone supplies Fire protection. Tools Laboratory suppliesdo. Brick Manger curtains Laboratory apparatus. Furniture and fixturesdo.	\$ 1 30
5449	do	American LaFrance Fire Engine Co.	Fire protection	25
5450	do	Crane Co.	Tools.	86
5451	do	Ward's Natural Science Establishment	Laboratory supplies	3
5452 5453	do	C. H. Stoelting Co	do	2
5453	do	The Western Electric Co	Electrical supplies	9 59 6
5454 5455	do	Miller Herness Co	Mangar aurtains	59
5456	do	I C Thomas	Laboratory apparatus	1 4
5456 5457	do	Waite Grass Carpet Co	Furniture and fixtures	4 6 23 4
5458	do	F. M. Leslie	do	23
5459	do	Woldenberg & Schaar	Laboratory apparatus	4
5460	do	Jos. Kunn & Co	Laboratory supplies	2 19
5461 5462	do	Sweet-Wellach & Co	Laboratory apparetus	13
5463	do	Wilson-Maeulen Co	Laboratory supplies	40
5464	do	St. Louis Biological Laboratory	do	4
5465	do	Rand, McNally & Co	Maps	17
5466	do	Chas. F. Witt Estate	Farm machinery	12
5467 5468	do	The Silver Mfg. Co	Plumbing	42
5468 5469	do	Shavings & Sawdust Co	Shavinge	2 83
5469 5470	do	Spaulding & Quirk	Laboratory supplies	1
5471	do	Pattengale Bros	Calf meal	$\tilde{2}$
5472	do	Illinois Electric Co	Electrical materials	32
5473 5474	do	D. W. Augspurger & Sons Co	Nursery stock	3 13
5474 5475	do	Henry A. Dreer, Inc	General supplies	13
5476	do	The Taylor Wardware Co	Noile	$\frac{1}{2}$
5477 5478	do	R. C. Wagner & Son	Labor	53
5477 5478	do	The Alexander Lumber Co	Lime, sand and cement	4
5479	do	The Taylor Hardware Co	Fencing and general supplies	38
5480	do	Twin City Printing Co	Office supplies	. 2
5481	do	Western Electric Co	Electrical materials	236 1
5482 5483	do	Meyer & Wentne	Furniture and fixtures	46
5484	do	S. E. Huff & Co	Farm machinery	19
5485	do	S. A. Sandweger	Coal	18
5486	do	U. of I. Supply Store	Office equipment and supplies	18 1
5487	do	Louis Melind Co	Office supplies	1
5488 5489	do	A. E. Wuestman	Furniture and fixtures	4
5489 5490	do	C A Kilor	Burlen	11
5491	do	Pantagraph Printing & Stationery Co	Printing	1 26
5492	do	Bennett's Magazine Agency	Magazines	16
5493	do	C. A. Denman.	Painting and labor	62
5494 5495	do	Illinois State Penitentiary	Stools	15
5495	do	Scott Paper Co	Paper towels	4
$5496 \\ 5497$	do	McCoy & Garten. Ohio Agricultural Experiment Station. American Rambouillet Sheep Breeders'	Hogg	152 135
5498	do	American Rambouillet Sheen Breeders'	110gs	199
Ģ100		Assn.	Certificates	9
5499	do	Chicago Daily Drover's Journal	Issues	692
5500	do	Pantagraph Printing & Stationery Co	Printing	692
5501	do	S. A. Courtis	Laboratory supplies	11 238
5502 5503	oo	Dausen & Lomb Optical Co	do do	238 29
5503 5504	do	Standard Oil Co	Fuel oil	50
5504	do	Ernst Hertzberg & Sons	Circulars	1
5506	do	Wards Natural Science Establishment	Laboratory supplies	8
5507	do	Defender Photo Supply Co	General supplies	1 8 21 2
5508	do	Eimer & Amend	Laboratory supplies	2
5509 5510	op	Wastern Volve Co	do	39 47
5511	do	Fuller & Fuller	Tin foil	1
5512	do	The Engineering Magazine.	Library	12
5513	do	The Osgood Co	Printing and publishing	77
5514 5515	do	R. C. Wagner & Son	Labor	252
5515	do	C. C. Logan	Traveling expenses	19
5516	do	Mrs. Jennie Barlow	Lecture and traveling expenses	35
5517	do	Mrs C M Relear	Lecture and traveling avnesses	65
5518 5519	do	Ohio Agricultural Experiment Station American Rambouillet Sheep Breeders' Assn. Chicago Daily Drover's Journal Pantagraph Printing & Stationery Co. S. A. Courtis Bausch & Lomb Optical Co. L. M. Ellison. Standard Oil Co. Ernst Hertzberg & Sons. Wards Natural Science Establishment. Defender Photo Supply Co. Eimer & Amend Crane Co. Western Valve Co. Fuller & Fuller. The Engineering Magazine. The Osgood Co. R. C. Wagner & Son. C. C. Logan Mrs. Jennie Barlow. Miss Olive Percival Mrs. C. M. Baker. J. B. Marshall Chas. H. Rehling. Frank Turner.	Labor field expenses	30 42
5520 5521	do	Chas. H. Rehling.	Traveling expenses	3
5521	do	Frank Turner.	Traveling expenses and expert	
	1	1	services	31

No.	Date.	To whom.	For what.	Amou
	1914.			
5522	Jan. 29	John H. Doyle Galena-Signal Oil Co	Laboratory supplies	\$ 1
5523 5524	do	Galena-Signal Oil Co	OilTraveling expenses	40
$5524 \\ 5525$	do	H. H. Stoek M. L. Nebel	Travering expenses	2
5526	ldo	Eugene Dietzgen	Office equipment.	30
5527	do	J. W. Butler Paper Co. Hunter, Rourke & Co. Walker & Mulliken.	Office supplies	21
5528	do	Hunter, Rourke & Co	General supplies	50
5529	do	Walker & Mulliken	Furniture repairs	10
5530	do	American Express Co. The Tablet & Ticket Co.	Freight and express	14
5531	do	The Tablet & Ticket Co	Office supplies Subscription	10
5532	do	"Data". Spon & Chamberlain.	Subscription	1
$5533 \\ 5534$	do	General Electric Co.	Books.	1 12
5535	do	Eastman Kodak Co.	Films	16
5536	do	Naugatuck Mfg. Co.	Laboratory supplies	4
5537	do	Geo. B. Carpenter & Co	do	12
5538	do	F. A. Pearson. F. M. Leslie	do. Traveling expenses.	26
5539	do	F. M. Leslie	Furniture and fixtures	43
5540	do	Norton Co	Lahoratory supplies	3
5541	do	Taylor Hardware Co. E. H. Sargent & Co.	do	1
5542	do	E. H. Sargent & Co.	Drinting	152
5543 5544	do	Illinois State ReformatoryS. E. Huff & Co	Canaral supplies	137 1
5545	do	O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar The J. W. Butler Paper Co. Western Electric Co.	Printing General supplies Express bills Express bills paid.	50
5546	-do	O. E. Staples, Bursar	Express bills paid	61
5547	do	O. E. Staples, Bursar	General labor	253
5548	do	O. E. Staples, Bursar	Student labor	178
5549	do	The J. W. Butler Paper Co	Office supplies	184
5550	do	Western Electric Co	Telephone apparatus	72
5551				4
5552	do	Indiana Rubber Co. The Garlock Packing Co. Underwood Typewriter Co.	Telephone apparatus. Crayons Electric supplies	233 15
5553	do	The Garlock Packing Co	General suppliesOffice supplies	6
5554 5555	do	Flanigan-Pearson Co	Printing.	14
FEEG	do	Flanigan-Pearson Co. Illinois State Reformatory. E. H. Sargent & Co.	Envelopes	996
5557	do	E. H. Sargent & Co	EnvelopesOffice supplies	200
5558	do	National Blank Book Co.	do	71
5559	do	W. W. Lindley	Postage	50
5560	do	Central Union Telephone Co	Service	21
5561	do	The Home Telephone Co	do	
5562	do	The Western Union Telegraph Co	do	1
5563	do	Postal Telegraph-Cable Co		2
5564	do	Western Union Telegraph Co	do	24
5565	do	J. M. Lindgren	Corn	47 49
5566 5567	do	Burka & James	Lahoratory apparatus	68
5568	do	S E Huff & Co	General supplies	5
5569	do	Ronald Press Co	Library	ĭ
5570	do	Rev. J. W. Street	Traveling expenses	7
5571	do	Rev. F. J. Giddings	do	12
$\begin{array}{c} 5571 \\ 5572 \end{array}$	do	Rev. B. E. Allen	do	10
5573	do	H. B. Randolph	Student assistant	10
5574	do	C. J. Rohrer	Lecture	10
5575	do	Kev. W. B. McNutt	Traveling avnerges	10
$\frac{5576}{5577}$	do	Pay A Voil	Lecture	20
5578	do	Initial State Recombination  B. H. Sargent & Co. National Blank Book Co. W. W. Lindley. Central Union Telephone Co. The Home Telephone Co. The Home Telephone Co. The Western Union Telegraph Co. J. M. Lindgren. Dryer and Burt. Burke & James. S. E. Huff & Co. Ronald Press Co. Rev. J. W. Street. Rev. F. J. Giddings. Rev. B. E. Allen. H. B. Randolph. C. J. Rohrer. Rev. W. B. McNutt. D. O. Barto. Rev. A. Vail H. J. Snider. Chas. A. Campbell Geo. W. Medley. J. F. Johnson. Jay Garrett. A. N. Abbott. A. A. Harding H. A. Hollister A. V. Bleininger The Daily Illini The Champaign News. E. W. Sampson. Florists Publishing Co. Automatic Electric Co. Defender Photo Supply Co. Western Society of Engineers. Eimer & Amend	Traveling expenses	25
5579	do	Chas. A. Campbell	Field expenses.	67
5580	do	Geo. W. Medlev	Traveling expenses	13
5581	do	J. F. Johnson	Field expenses	-6
5582	do	Jay Garrett	do	47
5583	do	A. N. Abbott	Rent	120
5584	do	A. A. Harding	Traveling expenses	83
5585	do	H. A. Hollister		20
5586	do	M. V. Bieininger	Inaidentels	67
5587	ao	The Champaign Norg	do do	1
5588 5589	o	E. W. Sampson	Storage	21
550N	do	Florists Publishing Co	Subscription	1
5590 5591	Feb. 2	Automatic Electric Co	General supplies	55
$5591 \\ 5592$	. do	Defender Photo Supply Co	do	4
5593	do	Western Society of Engineers.	Advertising.	60
5594	do	Eimer & Amend	Laboratory supplies	102
5595	do	J. M. Thorburn	. do	102
5596	do	Defender Photo Supply Co. Western Society of Engineers. Eimer & Amend J. M. Thorburn Link Belt Co. Pittsburg Plate Glass Co. E. A. Kirkpatrick Montgomery & Co. A. C. McClurg & Co.	Apparatus repairs	5 86 18
5597	do	Pittsburg Plate Glass Co	Glass	86
5598	do	E. A. Kirkpatrick	Photographs	18
5599	do	Montgomery & Co.	Laboratory apparatus	4
5600	Ldo	A. C. McClurg & Co	Printing	24

No.	Date.	To whom.•	For what.	Amou
	1914.	,		
5601	Feb. 3	Andrew Roy, Publisher J. W. Butler Paper Co. Lewis W. Hine. J. C. Blair.	Books.	\$ 1
5602	do	J. W. Butler Paper Co	Office supplies	13
5603 5604	ao	Lewis W. Hille	Laboratory apparatus Traveling expenses	30 34
5605	do	E. Davenport	do	14
5606	do	E. Davenport. Western Electric Co. Chas. A. Hall Hardware Co.	do Electric supplies	294
5607	do	Chas. A. Hall Hardware Co	A programus and supplies.	11
5608	do	John H. Doyle Hoffman & Kropff Chemical Co	do Laboratory supplies Printing Apparatus and supplies	20
5609 5610	do	Hoffman & Kropff Chemical Co	Laboratory supplies	12
	do	Illinois State Reformatory	Printing.	105
$\frac{5611}{5612}$	do	The Burr Co	Apparatus and supplies	70
5613	do	Barnhart Brothers	General supplies	27
5614	do	Hunter, Rourke & Co	Building materials	l 71
5615	do	Knowlton & Bennett	Congrataupplies	31
5616	1 40	Frant Hortzhorg & Cong	Books Library books. Freight do	31
5617	do	G. E. Stechert & Co. C., C., C. & St. L. Ry. Co. C., C., C. & St. L. Ry. Co. Illinois Central R. R. Co. Wabash R. R.	Library books	1
5618	do	C., C., C. & St. L. Ry. Co	Freight	41
5619	do	C., C., C. & St. L. Ry. Co	do	4
5620	do	Wahaah D. D.	00	8 153
$\frac{5621}{5622}$	do	C. I. Walch	do Contract	402
5623	do	C. J. Welch Superintendent of Documents	Books	1 1
5624			Books Subscription Binding Magazines Traveling expenses	$\hat{2}$
5625	do	Samuel P. Irwin Ernst Hertzberg & Sons. Bennett's Magazine Agency. James M. White, Sup. Arch. J. D. White, Clerk U. S. Post Office. Carroll J. Badger	Binding	8
5626	do	Bennett's Magazine Agency	Magazines	62
56 <b>2</b> 7	Feb. 4	James M. White, Sup. Arch	Traveling expenses	19
5628	do	J. D. White, Clerk U. S. Post Office		210
5629 5630	do	Carroll J. Badger	Traveling expenses. Field expenses and chart	15
5631	do	S. C. Skemp. Mrs. E. S. Borton. Mrs. D. Bowlus.	Room rent	$\begin{array}{c} 3 \\ 12 \end{array}$
5632	do	Mrs D Rowling	do	13
5633	do	Geo. Banta Publishing Co.	Printing	10
5634	do	Geo. Banta Publishing Co. Alexander Lumber Co.	Window panes	5
5635	do	Alexander Juffold Co.  E. H. Sargent & Co. D. H. Lloyde. Cunningham Brothers. Twin City Printing Co. Chas. A. Hall Hardware Co. Evison Bros. Corrigor Shop.	odo Printing Window panes Coal	6
5636	do	E. H. Sargent & Co	Laboratory supplies	12
5637	do	D. H. Lloyde	Office supplies	1
5638	do	Cunningham Brothers	Laboratory supplies	1
5639 5640	do	Twin City Printing Co	Pails	2
5641	do	Frison Bros. Carriage Shop	Machine reneire	2
5642	do	Frison Bros. Carriage Snop. Williams Bros. Champaign Steam Laundry. John C. Moore Corporation. The Chicago Packer. The Denninson Mfg. Co. Henry A. Dreer. McIntosh Stereopticon Co. Dr. R. W. Braithewaite. Fruit Growers Saw Co.	Falls. Machine repairs Laboratory supplies Laundry Office supplies. Subscription	l
$\frac{5642}{5643}$	do	Champaign Steam Laundry	Laundry	
5644	do	John C. Moore Corporation	Office supplies	1
5645 5646	do	The Chicago Packer	Subscription	1
5646	do	The Denninson Mfg. Co	Tags	5
5647	do	Henry A. Dreer	Laboratory supplies	17
5648 5649	do	McIntosh Stereopticon Co	Laboratory apparatus	16
5650	do	Fruit Growers Saw Co	Druning cowe	8
5651	do	E. G. Mendenhall	Farm machine and supplies	20
5652	do	J. T. Webster & Co.	Fish casts	6
5653	do	American Steel & Wire Co	Fencing	69
5654	do	Walker & Mulliken	Furniture repairs	16
5655	do	C. W. Johnson	Apparatus repairs	
5656	do	J. S. Keimund	Ice cream and cones	31
5657	00	Reickholls Bakery	Uaumeal cookies	8
5658 5659	uo	Hunter Rourks & Co	Lumber	3 13
5660	do	Fruit Growers Saw Co. E. G. Mendenhall J. T. Webster & Co. American Steel & Wire Co. Walker & Mulliken C. W. Johnson J. S. Reimund Reickhoffs Bakery Ernst Hertzberg & Sons. Hunter, Rourke & Co. Standard Cap & Seal Co. C. F. Miller L. T. Brounfield H. F. Kellar Eastman Kodak Co. Chas. H. Besly & Co. Frederick Post Co. G. E. Stechert & Co.	Bottles	144
5661	do	C. F. Miller	Laboratory supplies	4
5662	do	L. T. Brounfield	Machine repairs	4
5663	do	H. F. Kellar	Laboratory apparatus	10
5664	do	Eastman Kodak Co	do	] 2
5665	do	Chas. H. Besly & Co	Laboratory supplies	1
5666 5667	op	Frederick Post Co	Cneeimeng	1 15
5668	uo	G. E. Stechert & Co	Congral cumplies	15
5669			Laboratory apparatus and sup-	l °
2000		Samuel Harris & Co	plies	25
5670	do	G. W. Sheldon & Co	Freight and express	25 13
5671	do	Flanigan-Pearson Co	Printing	75
5672	do	The Burr Co	Laboratory apparatus	75 44
5673	do	Henry Fuermann & Sons	General supplies	1 16
5674	do	Bacon Brothers. Illinois State Reformatory	do	,8
5671 5672 5673 5674 5675 5676 5677		A S Nolson & Sons	Conoral supplies	16 3
5677	do	Iohn H Dovla	do do	51
				1 4

No.	Date.	C. H. Stoelting Co. Knowlton & Bennett Pay roll. McMullen, Jane. Pay roll. Davis, C. M. Vandiventer, J. H. Pay roll. Brumley, C. A. Manley, Verna Shipley, J. E. Weaver, M. C. Apple, C. H. Cavette, Erle. Danielson, R. R. Hart, P. M. Harwood, S. D. Hill, C. F. Linder, Lewis. Lindsey, G. H. Miller, C. A. Purcell, H. P. Richardson, H. R. Williams, E. C. Rachawski, J. Pay roll. Berchtold, H. A. Boyce, Will Allen. Boyer, G. W. Bradford, Albert. Brannigan, John Brining, A. L. Browning, J. E. Campbell, Mathew. Campbell, Mathew. Campbell, Mathew. Campbell, Maude. Carricks, Oland W. Carothers, Cevilla. Carson, Rolla A. Cheever, J. W. Collins, A. L. Coooly, John Corson, A. J. Crawford, R. W. Cummings, J. L. Davis, Edward Dean, J. S. Doll, John B. Doyle, Bernard Dunseth, C. A. English, B. F. Fabert, H. F. Fechtruph, Herman Fiscus, J. C. Franklin, F. T. Frezier, Mollie B. Glenn, David Glenn, V. S. Gundow, W. A. Hoover, F. F. Johnson, C. C. Johnson, S. M. Kenney, T. A. Kirby, Clyde C. Kliem, J. A. J. Landsay, Wil T. Long, J. F. Lyons, T. M. McDaniel, B. F. McFadden, W. J. MacMillion, Lee Matyon, C. E. Majy, U. J. MacMillion, Lee Matyon, C. E. Mailler, J. H. Mock, Forrest. Moody, D. L.	For what.	Amoun
	1914.			
5679	Feb. 4	C. H. Stoelting Co.	Laboratory supplies	\$ 25
5680	do	Knowlton & Bennett	do	\$ 25 °
5681	Feb. 12	Pay roll	January, 1914	34 9
2000	Feb. 12	McMullen, Jane	Salary, January, 1914 \$ 34 98	87
5682	F 60. 12	Davis C M	Wages December 1913 32 20	67
	93.5	Vandiventer, J. H.	do	
5683	Feb. 12	Pay roll	January, 1914	538
		Brumley, C. A	Wages, January, 1914 54 00	
		Manley, Verna	do 60 00	
		Wasver M C	1 do 81 00	
		Apple, C. H.	do	
	1 11	Cavette, Erle	do	
		Danielson, R. R	do 56 25	
		Hart, P. M	do	
		Harwood, S. D	do	1
		Linder Lewis	do 10 00	
		Lindsey, G. H	do 15 50	
		Miller, C. A.	do	
		Purcell, H. P	do	
	1 ***	Richardson, H. R.	do	
	1	Williams, E. C	do	
5684	Feb. 12	Pay roll	January 1914	12,3631
0001	100.	Berchtold, H. A.	Wages, January, 1914 75 00	12,000
		Boyce, Will Allen	do	
		Boyer, G. W	do 68 46	
		Bradford, Albert	do	
		Brannigan, John	00 00 00 00 00 00	
		Browning J. E	do 50 00	
		Campbell, Mathew	do	ł
		Campbell, Maude	do	ĺ
		Carricks, Oland W	do	
		Carothers, Cevilla	do	·
		Chapter I W	do	1
		Collins. A. L	do 59 40	
	1	Cooly, John	do	
	į	Corson, A. J	do	
		Crawford, R. W	do 56 60	
		Davis Edward		1
	j	Dean J. S	do 19 80	
		Doll, John B	do	
		Doyle, Bernard	do 90 00	
		Dunseth, C. A	do 94 40	
		English, B. F.		!
		Fachtrunh Harman	do 70 00	
		Fiscus, J. C.	do	
		Franklin, F. T.	do	1
	·	Frazier, Mollie B	do	
	'	Glenn V S	ao	
		Gundlock Charles	do 50 66	
		Heinz, L. T.	.do	
	-	Hickey, J. B	do	
	]	Hooker, W. A.	do 54 67	1
		Hoover, F. F.	do	
		Tohnson Sam	do 79 00	
		Kenney T. A	do 12 00	
	( · · ·	Kirby, Clyde C	do	1
		Kliem, J. A. J.	do\	
		Langhoff, William	do 65 09	
	II I	Lindsay, M. T.	do 16 00	
		Long, J. F	do	
		McDaniel B F	do 46 60	
		McFadden, W. J.	do 43 00	
	} f	MacMillion, Lee.	do 65 80	
		Mattoon, C. E	do	
		May, U. G	do	
	1 . !	Miller, J. H.	do 114 68	
		Moody D T	do	}
		MIOUUY, D. H	uo 58 40	1

No.	Date.	Moore, C. P. Peterson, Nick Pollard, Charles Reed, B. L. Shriver, Alonzo L. Simerl, M. A. Small, M. M. Snook, Orval Sparks, Marion E. Speedie, A. C. Stearns, L. M. Surbaugh, C. A. Thomson, H. L. Utterback, Oliver J. VanGundy, Harvey Walters, Prentice T. Wascher, A. C. Sowers, A. L. Welker, Clarence. Wells, Lawson. Wells, Lawson. Wells, Lawson. Wells, Lawson. Wells, Lawson. Anschicks, C. E. Barkman, C. P. Bernhardt, Pearl Berringer, Harriet Billman, Elliott Bishop, M. C. Bow, L. C. Britton, F. E. Brooks, H. R. Brown, John Brownfield, Lelah Campbell, M. H. Campbell, M. H. Campbell, M. F. Cox, C. G. Cummings, W. E. Dale, J. H. Davis, Russel Elder, C. D. English, H. M. Farley, F. W. Fischer, H. L. Foulke, C. C. Funk, F. W. Galon, Stella Gault, F. W. Gideon, Charles R. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel, J. Goobel	For what.	Amoun
	1914.		and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	
5684	Feb. 5	Moore, C. P.	Wages, January, 1914 \$ 60 00	2}
Ctd.		Peterson, Nick		
		Pollard, Charles	do	
		Shriver Alongo T.	do	
		Simerl M A	do 61 60	il .
	1 . '	Small, M. M	do60 00	
		Snook, Orval	do 56 49	d
		Sparks, Marion E	do	)
		Speedié, A. C	do 98 00	
		Stearns, L. M	do	4
	ì	Surbaugh, C. A	do	4
	{	Thomson, H. L.	do	
	1	Von Cundy Howard	do	1
	į.	Walters Prentice T	.do	1
	1	Wascher A C	.do	
	<b>!</b>	Sowers, A. L	do 104 00	,
		Welker, Clarence	do 90 90	
	ł .	Wells, Lawson	do	){
	1	Wells, T. E	do	1
		Wilson, Charlie	do	)]
	1.5	Wilson, Wesley	do	1
		Wright, Amos	do	1
	l	Ansenieks, U. E.	17 06	
	l	Bardon U.F.		3
		Barkman C P	13 00 17 10	
	[	Rontley R L	do17 10	1
		Bernhardt, Pearl	do	d .
	l	Berringer, Harriet	do	il .
	1	Billman, Elliott	do	1
		Bishop, M. C	do 20 00	
		Bow, L. C	do 13 80	
		Britton, F. E	do	
		Brooks, H. R	do 7 90	
		Brown, John	do 8 80	
	1	Brownfield, Lelan	do	
		Compbell W F	do	i
	· ·	Cleahorn Balla	do	
		Clements O R	_do5 80	
		Colbert, J. R.	do	ł
		Cox, C. G.	do	
		Cummings, W. E	do: 22 20	
		Dale, J. H	do 20 13	
		Davis, Russel	do	1
		Elder, C. D	do	ļ
	,	English, H. M	do	
		Figshor U T	.do	
		Foulka C C	do	
		Funk, F. W	.do	l
		Galpin, Stella	do	
		Gault, F. W	do	i
		Gideon, Charles R	do 20 80	ł
		Goebel, J	do	l
		Gould, John	do	l
i		Greison, H. P.	do	i .
		Grigg, D. R.	do	
	,	Hallday, Ruth	do	
		Handuist, Mrs. A.	.do	
-	•	Hitcock E. W	.do	1
		Horning, R. A.	do:	
(		Howe, E. G	do	1
		Hufford, C. T	do 13 60	1
	1	Hunt, L. L.	do 11 40	1
- 1		Hughes, C. A	do 11 75	1
l		Hutchinson, O. C. K	do	(
- 1	,	Jessen, Hubert	do	1
- 1		Jones, W. R.	do	l
- 1		Kelley, A. P	do:	
		Kelley, H. P	do	
	· 1	Klain G Minnia	uo	1
j		Largon Martha S	do	1
		Leggitt Frank	.do	1
	* * * /	~ OBD. VV. 1 . WILL.	do	ļ

No.	Date.	To whom.	For what.	Amoun
	1914.	Leighty, D. R. Lewis, T. G. Lewis, T. G. Linsley, C. M. Lowe, Lucy McCabe, C. L. McGhee, O. M. Magruder, Denton Mann, Edith. Mattoon, E. W. Meltz, N. Mench, Berniece Miles, J. P. Millizen, Edna Miner, H. W. Mohlman, Harry Morrison, W. R. Munson, John. Murfey, E. F. Myers, Madge. Nelson, C. R. Nelson, P. S. Nixon, R. H. Nickolls, C. R. Odell, Arthur Ordonez, B. R. Paine, Olive. Peterson, R. W. Price, C. B. Questel, B. H. Rappleye, W. C. Rehling, C. H. Ragg, G. L. Roberts, Nellie Ropiequet, W. C. Roy, S. K. Rugg, E. U. Salsbury, G. W. Sanders, G. E. Scoott, S. E. Secor, E. C. Semple, Arthur Shaffer, R. F. Skemp, S. C. Stater, M. E. Stearns, C. G. Sterling, F. H. Stevens, R. M. Stilwell, Helen Stone, T. C. Sutherland, G. F. Stotckfieth, B. Thomas, E. W. Thurston, H. W. Troxler, Ivan VanNatter, F. M. Wham, Benjamin Wilson, A. R. Wilson, A. R. Wilson, A. R. Warell, M. H. C. Robrets, L. Fitch, H. H. McFadden, E. C. Moffid, J. A. Wakely, A. V. Raring, C. E. Atwell, M. E. Barnes, V. R. Bevis, Albon Butler, Thomas Ccduskey, John Crathorne, F.	TITLE TO THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL OF THE TOTAL	
5684 Ctd.	Feb. 5	Leighty, D. R	Wages, January, 1914 \$ 15 40	İ
Cia.		Lingley C M	ido	
		Lowe, Larcy	.do	
		McCabe, C. L	do 9 60	
		McGhee, O. M	do 20 00	
		Magruder, Denton	do 14 10	
		Mann, Edith	do	
- 1		Meltz. N	do11 00	
i		Mench, Berniece	do	
		Miles, J. P.	do 11 75	
- 1		Millizen, Edna	do	
		Mohlman Harry	do	
		Morrison W. R.	.do	
		Munson, John	do	
- 1		Murfey, E. F.	do	l
		Myers, Madge	do	
		Nelson, C. R	do	1
		Nelson, P. S	18 00	
		Nickolls C. R.		
		Odell, Arthur	do	1
		Ordonez, B. R	do	
		Paine, Olive	do	
		Peterson, R. W	do	1
		Onestel B H	do11 60	
		Rappleve, W. C.	do 21 30	
		Rehling, C. H.	do	}
		Rigg, G. L.	do. 21 30 do 25 38 do 25 03	il .
		Roberts, Nellie	do 7 20	)l
		Ropiequet, W. C	do	
		Rugg E II	do	i i
		Salsbury G. W	.do	}
		Sanders, G. E.	do	;
		Scott, S. E	do 12 00	
		Secor, E. C.	do	1
		Sheffer P F	do	3
		Skemp S C	.do	()
		Slater, M. E	.do	
		Stearns, C. G	do 5 80	)
		Sterling, F. H.	do	
		Stevens, R. M	do	3
		Stone T C	do	()
		Sutherland G. F.	do66 00	SI .
		Sutherland, G. F.	do 9 75	5
		Stockfleth, B	do 16 00	)
		Thomas, E. W	do	3
		Thurston, H. W	do	3
		VanNatter, F. M.	do	) i
		Wham, Benjamin	do	j
		Wilson, A. R.	do	)
		Wilford, Robert	do	2]
		W 000, H. TZalaski P I	do	3
		Haltom, Marie	.do	
		Disoway, M. D.	do	)
		Fast, E. E.	do 90 00	)
		Fitch, H. H.	do 75 00	
		McFadden, E. C	do	3
ļ		Wakely A. W	-do	[]
		Arrington, C. E.	do	
		Atwell, M. W	do	.[
		Bailey, J. E.	do	
		Barnes, V. R.	do	2
		Bevis, Albon	do	Ji Si
		Brown Herry	. do	1
		Bullock, D. M.	do 71 76	il
		Butler, Thomas.	do	<b>i</b> l
		Ceduskey, John	do 82 28	
		Crathorne, F	do 87 75	<b>i</b>

No.	Date.	Cunningham, F. Davis, Joseph Dibble, E. P. Downing, H. Fay, T. J. Fender, Fred. Fender, Fred. FenderLouie Fiscus, J. J. Fogarty, F. Fogarty, F. Fogarty, F. Fogarty, W. Freeman, C. Y. Graybeal, W. H. Hamlin, Sell. Hanson, Samuel Hargan, E. Henderson, T. O. Hill, Charles. Hixon, W. G. Huntt, Oscar L. Hutton, Ross. Irvine, Frank Irvine, Frank Irvine, Frank Irvine, Frank Irvine, Frank Irvine, Frank Irvine, James Jones, Margaret Justus, E. W. Langhoff, A. Langhoff, Fred Lewis, E. C. Litton, A. C. Lotton, A. O. Mahorney, H. H. Meenach, O. E. Mahorney, H. H. Meenach, O. E. Meneely, Dan Meyers, Jesse Muller, C. M. Morgan, Rebecca. Murphey, Ruthe Newton, J. R. Nikolaus, Jacob Perry, F. M. Purkins, J. F. Quinn, William Richards, Ed. Ryan, Mary E. Servis, A. Sinclair, C. R. Smith, W. J. Snyder, J. Fremplin, William Richards, Ed. Ryan, Mary E. Servis, A. Sinclair, C. R. Smith, W. J. Snyder, J. Fremplin, William Tillotson, I. F. Toy, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George. Turner, George.	, For what.	Amoun		
	1914.					
5684	Feb. 5	Cunningham, F	Wages, January, 1914 \$114 75			
Cld.		Davis, Joseph	do 71 61	Ì		
i		Dibble, E. P	1do 63 48	l		
		Downing, H	do	1		
		Fonder Fred	do			
		Fonder Louis	do 71 50	l		
		Fiscus J. J	do 69 00	1		
		Fogarty, F	do			
		Fogarty, W	do			
		Fox, Guy	do 87 00			
		Freeman, C. Y	do 61 95			
		Graybeal, W. H	do			
		Hamlin, Sell	do 54 00			
		Hanson, Samuel	do			
		Hargan, E		1		
		Henderson, T. U	do 100 45	ĺ		
		Wiven W C	do 54 00			
		Hunt Oggar T	do 41 60	1		
		Hutton, Ross.	do	1		
		Irvine, Frank	do	il		
	l	Irvine, James	do	l		
		Jones, Margaret	do	1		
		Justus, E. W	do 108 00	1		
		Langhoff, A	do 87 75	1		
	·	Langhoff, Fred	do	1		
		Lewis, E. C.				
		Litton, A. C		1		
		Modiliston A T	do 76 56	1		
		McClughen Frances	do 45 00			
		McCulough James	do	1		
		Magnuson, A. O.	.do	d		
		Mahorney, H. H.	do			
		Meenach, O. E.	do 67 16	1		
		Meneely, Dan	do 63 48			
		Meyers, Jesse	do 67 39	1		
		Miller, C. M	do 57 96	i		
		Moran, A	do	)]		
		Morgan, J. E	10 00	1		
	,	Murphey Duthe	do 66 19	<u>'</u>		
		Newton J R	do 74 64	1		
		Nikolaus, Jacob	do65 10	l		
		Perry. F. M.	do			
		Purkins, J. F	do			
		Quinn, William	do 70 56	i)·		
		Richards, Ed	do 104 16	1		
		Ryan, Mary E	do	9		
		Servis, A	76 36	3		
		Smith W T	do 122 66	[		
		Snyder, I	do 56 70	1		
		Stateler, F.	do	il		
		Templin, William	do			
		Tillotson, I. F.	do 71 44			
		Toy, George	do	1		
	~	Turner, George	do 70 15			
		Warmbier, August		1		
		wnarmby, Ed	72 91	:		
		Wilde, William	96 10	1		
5685	Feb 7	O F Staples Burger	Student labor	\$465		
5686	do. '	O E Staples Burgar	General labor	253		
5687	do	O. E. Staples, Bursar	do	189		
5688	do	O. E. Staples, Bursar	Express bills.	189		
5689	do	O. E. Staples, Bursar	Sundry bills	68 43 13		
5690	do	O. E. Staples, Bursar	Express bills	43		
5691	do	The Beardsley Hotel Co	Traveling expense	13		
5692	do	The University Club	Entertainment	29		
5693	do	U. A. Hughes.	Assistance in registration	8		
5694	do	Mrs. John Stout	Traveling expense	35		
5695	do	Mrs. Dora Duff	Clarical aggistance	35		
5696	do	V W C A	de	Y. M. C. A. Y. W. C. A. T. J. Burrill. The Engineering Magazine.	Traveling expense	11
KANO	uv	±: v.=u;m;;	A description	1 1		
5698 5699	do	The Engineering Magazine T. B. Fullerton				

Nö.	Date.	To whom.	For what.	Amo
•	1914.			
5701	Feb. 7	John L. Munson	Traveling expenses	\$
5702 5703	do	John A. Detlefsen	do	1
5703	do	L. R. Lang	do	1 :
5704 5705	do	T. R. Agg Professor G. C. Whipple. W. S. Gearhart. Arthur H. Blanchard. Arthur H. Blanchard.	do	:
5706	do	W. S. Gearbart	do	:
5707	do	Arthur H. Blanchard	do	. ;
5708	do	Arthur H. Blanchard	Lectures	
5709	Feb. 11	Hugh Tallant	Traveling expense	
5710	do	Arthur H. Blanchard Hugh Tallant.  Herman Lipstein. Peck & Hills Furniture Co. U. of I. Supply Store. Madison Bentley. Mary E. Luce. Twin City Roofing Co. James M. White. R. C. Wagner & Son Weil Brothers. Twin City Ice & Cold Storage Co.	Rent machine	;
5711	do	Peck & Hills Furniture Co	Chair	l .
5712	do	U. of I. Supply Store	Supplies	:
5713	00	Madison Bentley	Traveling expense	Ι.
5714		Twin City Poofing Co	Supplies of	
5715 5716	uo	Tames M. White	Traveling expense	3
5717	do	R C Wagner & Son	Hauling expense	8
5718	do	Weil Brothers	Sunnlies	1
5719	do	Twin City Ice & Cold Storage Co	Tce	
5720		m,		ي ا
5721	do	Standard Oil Co	Supplies.	1
5722	do	Henry Dreer, Inc.	Laboratory supplies.	
5723	do	Bacon Brothers	Supplies	
5724	do	The Burr Co. Standard Oil Co. Henry Dreer, Inc. Bacon Brothers. John H. Doyle O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. Wastern Valva Co.	Laboratory supplies	1
5725	do	O. E. Staples, Bursar	Sundry bills	
5726	do	O. E. Staples, Bursar	Express bills	
5727	do	O. E. Staples, Bursar	Ctudent labor	17
5728	do	U. E. Staples, Bursar	Student labor	29
5729				
5730	do	The United States Aluminum Co F. K. Robeson	Cork cornet	14
5731 5732	Feb. 16	Pov roll	January 1014	1/
0102	1.60. 10	Bever, Elixabeth	Wages, January, 1914 \$25.50	1.5
	1	Brown, Ralph Powers	-d0	
	1.1	Doisy, E. A.	.do	
		Foster, D. D.	do	
		Inagaki, Nob.	do 24 80	
	1	Lerch, Edward	do 24 30	
	-	Seidenberg, N. C	do 25 00	
5733	Feb. 11	Woldenberg & Schaar	Laboratory supplies	11
5733 5734 5735	do	Arthur G. Eldredge	Laboratory apparatus	3
5735	do	Eastman Kodak Co		1
5736	do	D. T. DODDINS	Polta	1
5737	do	Charter Herseshooing Shops	Shoeing	E
5738 5739	do	Champaign Steam Laundry	Laundry	٠,
5740	do	P. S. Campbell	Printing	l £
5741	do	Caldwell Electric Co	Lamps, repairs	ì
5742	do	Automatic Electric Co	Supplies	4
5743	do	The Alexander Lumber Co	Shavings.	_
5744	do	S. E. Huff & Co	Lumber	· £
5745	do	G. Cramer Dry Plate Co	Crown	
5746	do	B. F. Stevenson & Son	Supplies	1
5747	do	Urbana Courier Co	Bulletins	1
5748	do	IIImois State Penitentiary	Drooms	
	do	A graciation of A marican Tarr Caba-1-	Duos	2
5750	do	The United States Aluminum Co. F. K. Robeson. Pay roll. Beyer, Elixabeth. Brown, Ralph Powers Doisy, E. A. Foster, D. D. Inagaki, Nob. Lerch, Edward. Seidenberg, N. C. Woldenberg, & Schaar Arthur G. Eldredge. Eastman Kodak Co. D. T. Dobbins. Derrough & Co. Chester Horseshoeing Shops. Champaign Steam Laundry P. S. Campbell. Caldwell Electric Co. Automatic Electric Co. The Alexander Lumber Co. S. E. Huff & Co. G. Cramer Dry Plate Co. B. F. Stevenson & Son. Urbana Courier Co. Illinois State Penitentiary E. A. Eichhorst. Association of American Law Schools. Wertheimer Brothers. Chicago Branch, Macalaster-Wiggin Co. Stallion Registration Board of Illinois F. S. Burch & Co. Champaign Seed Co. E. W. Kline. White Line Steam Laundry Pearl Adams. Tuttle & Clark. The Licene Co. Gus A. Lengfelder. Chas. F. Witt Estate	Pine	. 1
5751 5752	do	Chicago Branch Macalastar-Wiggin Co.	Laboratory supplies	-
5753	do	Stallion Registration Roard of Illinois	Registry	
5754	do	F. S. Burch & Co.	Cattle tags	
5755	do	Champaign Seed Co.	Meat scraps	1
5756	do	E. W. Kline	Livery service	
5757	do	White Line Steam Laundry	Laundry	2
5758	do	Pearl Adams	Labor.	10
5759	do	Tuttle & Clark	Blankets	
5760	do	The Licene Co	Cases	٠.
5761	ao	Char E. Witt Estate	Denoising	. 2
5762	oo	Chas. F. Witt Estate	Repairing	. 1
5763	do	P. L. Windsor	Traveling expense	
	do	The Elliott Co	Office supplies	. 1
	do	The Wabash Cabinet Co.	Cups, spoons	. 1
	do	The Wabash Cabinet Co	Daily news almanae	
5768	do.	Ida M. Colcord	Books	
5769	do	James G. Biddle	Laboratory apparatus	 5
5770	do	The Osgood Co.	Printing	. 3
		The University Press	do	,.
5771	ao	Knowlton & Bennett		

No.	Date.	To whom.	For what.	Amou
	1914.	. ,		
5773	Feb. 11	Montgomery, Ward & Co	PlanesLaboratory apparatus	\$ 9 47
5774	do	Walker & Mulliken	Laboratory apparatus	47
5775	do	Standard Oil Co	Oil. General supplies Oxygen. Mimeographing Punching sheets Traveling expense. Traveling expenses.	7
5776	do	Rochelle Seed Co	General supplies	181
5777	do	The Linde Air Products Co	Oxygen	1
5778	do	The Letter Shop	Mimeographing	2
5779	do	Flanigan-Pearson Co	Punching sheets	11
5780	do	H. J. Snider	Traveling expense	32
5781	do	J. E. Whitchurch	Traveling expenses	33
5782	do	Alfred J. Gunderson		
5783	do	Wilson Brothers	Supplies	2
5784	do	Franz A. Aust	Supplies	5
5785	do	Geo. W. Medley	Field expense	14
5786	do	C. E. Buckhart	do	12
5787	do	J. W. Smith.	ldo	4
5788	do		Mimeographing, etc	10
5789	do	Paisley & Shively	Hay	260
5790			Laboratory cumplies	200
5791	do	The Alumni Assn	Laboratory supplies. Quarterly allowance	250
	do	Western Fleetrie Co	Floatric granulica	
	do	Western Electric Co	Electric supplies	303
5793	do	Cas B Companies & C	Glasses	4
5794	do	Geo. B. Carpenter & Co	Rope.	1
5795	do		Traveling expense	,18
5796	do	G. E. Stechert & Co	Books	1
5797	ao	U. A. Harker	Travering expense	18
5798	do	H. V. Canter	do	14
5799	do	H. A. Hollister	do Wood shoes	24
5800	do	Medart Patent Pulley Co. Pyrene Co. of Illinois The Garlock Packing Co.	Wood shoes	1
5801	do	Pyrene Co. of Illinois	Pyrene extinguishers	12
5802	do	The Garlock Packing Co	Packings	1
5803	do	Irving Rouse	Supplies	. 6
5804	do	Pantagraph Printing and Stationery	Records-supplies	20
5805	Feb. 13	Pantagraph Printing and Stationery United States Encaustic Tile Works	Laboratory supplies	15
5806	do	G. Cramer Dry Plate Co	General supplies.	10
5807		Wetry & Heidkenn	Slides	1 1
5808	do	Watry & Heidkamp. J. Horace McFarland Co.	Laboratory apparatus	a
5809	do	Charles C Willoughby	An aboratory apparatus	92
	d	Marley Dilay	Laboratory apparatusdoSeed corn	92
$5810 \\ 5811$	do	Charles G. Willoughby Marley Riley The Goulds Mfg. Co Niagara Sprayer Co Geo. B. Carpenter & Co	Negation	60
	do	The Goulds Mig. Co	Nozzels, etc.	
5812	do	Niagara Sprayer Co	Supplies	١ ١
5813	do	Geo. B. Carpenter & Co	Screws	.  8
5814	do			. 1
5815	do	D. R. Sperry & Co. The Grasselli Chemical Co.	Boller	. 1 31
5816	do	The Grasselli Chemical Co	Chemicals	.  (
5817	do	F. M. Leslie. Champaign Steam Laundry	Chemicals. Frame and glass	i è
5818	do	Champaign Steam Laundry	Laundry	. 4
5819	do	G. Gernnert	Plates	.  •
5820	do	IL. L. Olds Seed Co	Clover	19
5821	do	Hibbard, Spencer, Bartlett & Co	Union scale	9
5822	do	John B. Bennett	Plastering	
5823	do		Freight	
5824		The Illinois Traction System	do	1
5825	do		do	
5826	do		do	
	do	A. S. Nelson & Sons.	Almanaris water	1 1
5827	do	D H Lloyda	Office cumplies	43
5828	J	D. H. Lloyde	Office supplies	
5829		Leavitt Mfg. Co	Foundry work	1 11
5830		J. B. Bennett	Supplies. Building materials	1 1
5831	do	H. W. Johns-Manville Co	Dulating materials	16
5832	do	Illinois State Reformatory	Printing	62
5833	do	Hunter, Rourke & Co	Lumber	
5834	do	Ernst Hertzberg & Sons	Books	. 51
5835	do	The Chas. A. Hall Hardware Co	Wheel barrows, etc	1
5836	do	Flanigan-Pearson Co	Calendars	. 25
5837	_do	B. A. Strauch	Supplies	. 59
5938	do	E. H. Sargent & Co	do	266
5839	do	E. H. Sargent & Co. The Taylor Hardware Co.	Hardware supplies	24
5840	.do	J. D. White, Postal clerk	Postage	
5841	do	I. Paley	Traveling expenses	17
5842				
5843	30	Garfield Jones H. A. Harding W. T. Crandall. Augusta D. Evans. F. M. Simpson. E. A. White F. L. Stevens. L. H. Provine. C. C. Logan. H. E. Cunningham.	do	12
	do	W T Crandall	do	16
5844		Argusto D. Evons	do	14
5845		E M Cimpson	1-40	12
5846	ao	F. M. SIMPSOII	uv	1 12
5847	ao	E. A. Wnite	qo	54
5848	ao	r. L. Stevens	qu	1 24
5849	do	L. H. Provine	ao	12
5850	do	U. U. Logan	ao	16
5851				

No.	Date.	To whom.	For what.	Amoun
	1914.			
5852	Feb. 13	L. A. Snyder	Traveling expenses	. \$ 4
5853	do	Pay roll Sandwell, Martin Pay roll	January, 1914 \$ 80 00 February, 1914 \$ 80 00 February, 1914 \$ 65 00	. 80
	ļ.,	Sandwell, Martin	Wages, January, 1914 \$ 80 00	9,352
5854	Feb. 14	Pay roll	February, 1914	9,352
		Allow W. F.	Salary, February 1914. 65 00	₹
		Amos Winifred T.	do	71
		Atkinson C E	do	<u>{</u>
	1	Bever Melinda L	do	SI .
		Blackwell, Mary	do	ól
		Boice, L. A.	do 125 00	)
	l	Bowen, Evalena	do 65 00	)l
	l	Broadhurst, Tabitha J	do 75 00	)
		Brown, Ina M.		
		Bryan, Sarah E	do	
		Buckles, Mildred	do	
		Rurt Puth	do	
		Cass Elizabeth H	do	(1
		Crawford, C. C.	do	ól
		Cover, Hazel	do	il
	1	Cunningham, H. E	do	31
		Custer, Emma L	do 75 00	)
		Dalton, C. E	do 50 00	
		Durfey, Franc A	do	2]
		Emign, Edith	70 00	<u> </u>
	1	Feldrama Amalia	do	{
	1	Fig. Pobort		
		Fose Margaret C	do	31
		Fraser Viola	do	
		Gage Mariorie H	.do 75 00	6
		Gallaher, Marion B	do	6
		Garwood, Frances	do 50 00	)
		Goetz, Antoinette	do 70 00	
		Good, Elizabeth	do 50 00	)[
		Gordon, Marie A	do 55 00	)
		Griffith, Mabel	do	2
		Hailiday, Mable	do 60 00	
		Hamilton, Mrs. Alice v	do	{
		How N	.do	
		Heater Myrtle E	do 60 00	3
		Houchens, Josie B	do	
		Hull, A. H	do 65 00	)
		Humrichouse, Matie L	do 50 00	)
		Johnson, Gertrude E	do	)
		Kirwin, Nora	do 50 00	)[
		Knapp, Aurella	do	21
		Khorr, L. E	do	3
		Lamb Allia R	do	()
		TAA A R	do	()
		Leitz, Louise A	do	) <del> </del>
		Love, Mary E	do	)
		Luther, Cornelia M	do	)
		McConn, C. M	do	)
		McGehee, Hester E	do	) [
		McGurty, Agnes	do	
		McIntire, W. A	do 50 00	2]
		Manspeaker, L. Mae	do	
		Merchant Donne	do	3
		Moscole P	do 65 00	<u> </u>
1		Millar Mary	do	il .
		Miller, C. F.	do	i{
		Morey, Lloyd	.do 125 00	
		Morrow, J. A.	do	6
- 1		Murphy, Morris	do	1
Ì		Needham, Lucile	do 60 00	nl .
		Nyberg, Florence A	do50 00	1
1		Oberdorfer, H. D	do	1
		Packard, Bessie	go	!
		Peel, Elizabeth C	do	)
		Pholog Vingil V	do	<u> </u>
		L. A. Snyder. Pay roll. Sandwell, Martin. Pay roll. Alexander, Lilla Alley, W. E. Amos, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Bowen, Evalena Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Midred Buckler, Helen I. Burt, Ruth. Cass, Elizabeth H. Cass, Elizabeth H. Cass, Elizabeth G. Cover, Hazel Cunningham, H. E. Custer, Emma L. Dalton, C. E. Durfey, Franc A. Emigh, Edith Feind, Frances Feldkamp, Amelia Fieg, Robert. Foss, Margaret C. Fraser, Viola Gage, Marjorie H. Gallaher, Marion B. Garwond, Marion B. Garwond, Marion B. Garwond, Marion A. Griffith, Mabel Hamilton, Mrs. Alice V. Havens, Charles. Hay, N. Heater, Myrtle E. Houchens, Josie B. Hull, A. H. Humrichouse, Matie L. Johnson, Gertrude E. Kirwin, Nora. Knapp, Aurella Knorr, L. E. Lahr, Lawrence Lamb, Allie B. Lee, A. R. Letz, Louise A. Love, Mary E. Luther, Cornelia M. McGenee, Hester E. McGurty, Agnes McLatie, Vigil V. Morey, Manes Merchant, Donna Messeck, R. Millar, Mary Miller, C. F. Morey, Lizabeth C. Peel, Flizabeth C. Peel, Thomas Phelp, Virgil V. Post, Frederick Postlewait, Harriet L. Potter, Mabel.	do	1
		Postlewait, Harriet I	do	J
		L ODDAO TO GALLY LIGHTING TO	do	า

No.	Date.	To whom.	For what.	Amount
	1914.	Powell, B. E Pulling, Elizabeth Putham, Persis. Rein, Lillian E Renz, Myrtle. Ricketts, Clara Riggs, Bess. Robertson, Nellie. Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shepard, Anna L Showers, T. J Slater, Sara M Smith, Florence E Smith, I M Smith, Florence E Smith, I M Smith, Mayme L Staples, O. E States, Bertha G Stevens, Sabra Steitz, Alfred Stricklan, Freda O Thompson, M. E Towne, L. J Tuttle, G. P Tyrrell, Josephine Vaubel, D Voight, Lida E White, Loretta. Winchester, B. L Wyninger, H. T Jester, Marle Johnson, J. J McMullen, Jennie B Katz, Louise W Exton, Edna M Flattery, Amanda Ellis, E. R Leonard, Russel Lonius, J. O Paulus, William H Magruder, Ira W Reid, Olive G Ressler, Milton Vanderbeek, H. J Wright, G. E Pay roll Filbey, E. J James, Edmund J Frazer, George E Smith, Adelle C (Student) Fair, Sue M Fiero, E. E. (Student) Warnock, A. R Strong, Lillian Carrithers, I. R Fargo, R. N Gill, H. L Huff, G. A Jones, R. R Manley, E. J Pengilly, H. E Brooks, Verna Gaut, Rosa Lee Hitt, Agnes Hughitt, Anna L Landee, Marion C Moulton, Gertrude E Shoemaker, Dorothy-Ruth Webster, F. D Howes, H. E. (Student)		
0 5854	Feb. 14	Powell, B. E	Salary, February, 1914 \$ 191 66	
Cld.		Pulling, Elizabeth	do	
		Pain Tillian E		
	1	Rong Myrtla	do 75 00	l
		Ricketts Clara	do 60 00	
		Riggs Bass	do 30 00	
		Robertson, Nellie	do	
	ļ	Rogers, Della M	do	
		Scanlan, Mary	do 60 00	1
		Sharp, Bertha L	jdo 55 00	
		Shaw, Hazel Y	do	1
	[	Shepard, Anna L	do 100 00	1
		Showers, T. J	do 125 00	ł
		Stater, Sara M	75 00	
	1	Cmith T M	10 00	ì
		Smith Mayma T.	do 65 00	ł
		Stonles O E	do 150 00	
		States Bertha G	do 50 00	
		Stevens. Sabra	do	
		Steitz, Alfred	do	1
•		Stricklan, Freda O	do	1
	1	Thompson, M. E	do 90 00	
		Towne, L. J.	do 175 00	
	1	Tuttle, G. P	do 100 00	
	l	Tyrrell, Josephine	do 50 00	
		Vaubel, D	do 60 00	
		Voignt, Lida E		· ·
	ļ	Winehester P T		l
	Ì	Wyninger H /	do 60 00	l
	ļ	Taster Maria	do 55 00	
	l	Johnson J. J	do 50 00	1
		McMullen, Jennie B	do 50 00	
		Katz, Louise W	do	
	l	Exton, Edna M	do	
		Flattery, Amanda	do, 60 00	
	1	Ellis, E. R	do	
	1	Leonard, Russell	do	
	1	Lonius, J. O	90 00	
	i	Magnetical Track	70.00	
	J	Magruder, Ira W	do 50.00	
	1	Ressler Milton	do 80 00	
	1	Vanderbeek, H. J.	do	1
	İ	Wright, G. E	do	l
015855	do	Pay roll	February, 1914	\$76,688 5
-	ľ	Filbey, E. J	Salary, February, 1914 183 33	'
		James, Edmund J	do1,000 00	
	1	Frazer, George E	do	1
	1	Smith, Adelle C (Student)		
	1	Figure F F (Ctudent)		
	i	Warnock A P	do 150 00	ı
	1	Strong Lillian	do 50 00	
	1	Carrithers, I. R.	do 00	
	1	Fargo, R. N.	do	
	1	Gill, H. L.	do 220 00	
	l	Huff, G. A	do	
	ļ	Jones, R. R	do 120 00	
	ł	Manley, E. J	do 90 00	Į.
		Penguly, H. E		
	l	Cout Poss Tas	do	
		Witt Agnee	do 20 00	1
		Hughitt Anna L	do 100 00	
	1	Landee, Marion C.	do 90 00	
		Moulton, Gertrude E	do	1
	1	Shoemaker, Dorothy-Ruth	do	1
		Webster, F. D	do	1
		Howes, H. E. (Student)	do	1
		Westcott, C. H. (Student)	do 20 00	1
	}	Prouty, E. C. (Student)	do 20 00	1
	1	Berry, E. H. (Student)	do 20 00	1
		Landee, Marion C. Moulton, Gertrude E. Shoemaker, Dorothy-Ruth. Webster, F. D. Howes, H. E. (Student). Westcott, C. H. (Student). Prouty, É. C. (Student). Berry, E. H. (Student). Ousley, H. P. (Student). Velzy, C. R. Giehler, F. G. Hollister, H. A.	do	
	1	Gighler F C	do	
	}	Hollistar H A	do	
	1	пошьют, п. а	40 85	1

No.	Date.	To whom.	For what.		Amoun
	1914.	1			
5855	Feb. 14	Ayer, T. P. (Student). Bollman, Minnie J. (Student). Branch, Nelle E. (Student).	Salary, February, 1914.	\$ 70 00	
Ctd.	6.7	Bollman, Minnie J. (Student)	do	32 50	
		Branch, Nelle E. (Student)	do	18 00	
		Breedis, John (Student). Britton, Floyd E. (Student). Christy, Glen (Student). Craig, Jennie A. Drury, F. K. W. Dunlap, Fannie (Student). Eppinger, J. G. (Student. Felsenthal, Emma Fontaine, E. O. (Student). Gibson Mable H. (Student).	do	30 00	
		Christy, Glen (Student)	- do	18 00	
	1 .	Craig, Jennie A	do	80 00	
		Drury, F. K. W	do	200 00	
	′	Dunlap, Fannie (Student)	do.,	60 00	
		Eppinger, J. G. (Student	do	36 00	
	1	Felsenthal, Emma	do	83 33	
	1 .	Cibron Mobile II (Student)		36 00 27 50	
		Coulding P S	do	166 66	
		Herdman Margaret	do	75 00	
	l	Hodnefield, Jacob	_do	125 00	
		Hubbard, Marie E. (Student)	do	27 50	
	i	Hutchins, Margaret	do	83 33	
	,	Janvrin, Charles	do	41 66	
	ł	Johnson, Alice	do	83 33	
	1	Fontaine, E. O. (Student). Gibson, Mable H. (Student). Goulding, P. S. Herdman, Margaret Hodnefield, Jacob. Hubbard, Marie E. (Student). Hutchins, Margaret. Janvrin, Charles. Johnson, Alice. Jutton, Emma R. Karsten, Eleanor G. Leatherman, Marian.		100 00	
	1	Leatherman, Marian	do	100 00 75 00	
	ľ	,		12 221	
	,	Patton, Adah	do	91 66	
	1	Mitchell, Marguerite (Student) Patton, Adah Renich, Matherine L. (Student) Torrance, Mary Troy, Mary Z. (Student) Windsor, P. L Wyeth, Ola M. Eldredge, A. G. Kelley, R. L. (Student) Rice, G. B. White, J. M. Davenport, Eugene Checkley, J. H. Evans, Augusta D. Jamison, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H. Allyn, Orr. Aumer, J. P. Binding, L. R. Bunson, A. M. Clevenger, C. B. Dickinson, R. W. Ellis, O. I. Fahrnkopf, H. F. T. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Heck, A. F. Holt, S. V. Hoskins, E. E. Leighty, W. R. Logan, C. C. Niederman, Gertrude Park, J. B. Sachs, W. H. Schoonover, W. R. Snider, H. J. Van Alstine, E. D. Walworth, E. H. Wascher, F. M. W. Wheeler, H. C. Howlin, C. I. Perry, Leonora Walls, I. R.	do	30 00	
	l	Torrance, Mary	do	75 00	
		Troy, Mary Z. (Student)	do	65 00	
		Windsor, P. L	do	291 66	
		Wyeth, Ola M	do	80 00	
	ļ	Eldredge, A. G.	do	250 00	
		Pice C P	do	100 00 250 00	
		White I M	do	416 66	
		Davennort Eugene	do	500 00	
		Checkley, J. H.	do	83 33	
		Evans, Augusta D	do	83 33	
	1	Jamison, A. W	do	166 66	
	l	Miller, W. P	do	41 66	
		Nolan, A. W.	do	200 00	
		Kankin, F. H	do	291 66	
		Angu, Off	do	83 33 150 00	
	ĺ	Rinding L R	do	83 33	
	l	Bunson, A. M	do	70 00	
		Clevenger, C. B	do	70 00	
		Dickinson, R. W	do	83 33	
		Ellis, O. I	do	70 00	
		Fahrnkopf, H. F. T.	do	70 00	•
		Garrett, F. W		100 00	
		Garnart W R	do	70 00 150 00	
	1.3	Gilkerson H. C	do	70 00	
		Heck. A. F.	do	70 00	
		Holt, S. V.	do	150 00	
		Hoskins, E. E.	do	150 00	
		Leighty, W. R	do	116 66	
		Logan, C. C.	do	150 00	
		Niederman, Gertrude	do	100 00	
		Cooks W H	do	150 00	
		Schoonover W R	do	133 33 70 00	
		Snider, H. J.	do	70 00	
-	.	Van Alstine, E. D.	do	175 00	
		Walworth, E. H.	do	70 00	
	(	Wascher, F. M. W	do	100 00	
		Wheeler, H. C	do	150 00	
		Hall, L. D	do	112 50	
- 1		Newlin, C. I	do	100 00	
		rerry, Leonora		100 00	
		Clark F. M	do	83 33 75 00	
- 1		Harding H A	do	416 66	
	1	Pearson, F. A	do	91 66	
1		Blair, J. C.	do	416 66	
	1	Hall, L. D. Newlin, C. I Perry, Leonora. Wells, J. R. Clark, E. M. Harding, H. A. Pearson, F. A. Blair, J. C. Gunderson, A. J. Harper, Julia A. Hutchinson, James Muncie, F. W.	do	100 00	
1		Harper, Julia A	do	65 00	
. 1	1 1	Hutchinson, James	do	100 00	
1	:	Muncie, F. W	do	83 33	

No.	Date.	To whom.	For what.	Amour
	1914.			
5855	Feb. 14	Peltier, G. L. Rees, C. C.	Salary, February, 1914. \$ 83 33	
Ctd.		Rees, C. C.	do	
	Ì	Ruth, W. A.	do	1
	٠ .	Rayler Techol	do	
	i	Crigler, Nina B	_do116 66	
		Fleming, Georgia	do 100 00	
	1	Goldthwaite, Nellie	do 187 50	
		Gray, Cora E	do 116 66	
		Harrison, Florence	do 100 00	
	l	Parsons, Maud	do	1
		Saymour Lurene	_do 150 00	l
	l	Stevens, Grace E	.do	
		Wheeler, Ruth	do 141 66	i
		McIntosh, Donald	do208_33	
	1	Ash, Percy	do	1
	1	Burton, S. C.	do	
		Corrubio A R M	.do 160 00	1
		Cowley F. K	do120_00	
		Fehrenkamp, Winifred	do	)j
	I	Forsythe, J. H	do 150 00	1
	I	Jones, R. T.	do	
	1	Pettier, G. L. Rees, C. C. Ruth, W. A. Sayre, C. B. Bevier, Isabel Crigier, Nina B. Fleming, Georgia. Goldthwaite, Nellie. Gray, Cora E. Harrison, Florence Parsons, Maud Pincomb, Helena M. Seymour, Lurene. Stevens, Grace E. Wheeler, Ruth. McIntosh, Donald. Ash, Percy. Burton, S. C. Clark, C. R. Corrubia, A. B. M. Cowley, F. K. Fehrenkamp, Winifred Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Provine, L. H. Ricker, N. C Titcomb, W. C. Wells, N. A. Math, Earle R. Baker, I. O. Bowling, B. L. Davis, R. E. Garver, N. B. Mills, Guy G. Parcel, J. I. Pickels, G. W. Raynor, W. H. Smith, J. E. Wiley, C. C. Wilson, W. M. Biegler, P. S. Brooks, Morgan Bryant, J. M. Fisk, I. W. James, L. V. Knight, A. R. Paine, E. B.	do	
		Proving L. H	.do	
		Ricker, N. C	do	
		Titcomb, W. C.	do	i i
		Wells, N. A	do 104 16	
	1 1	Math, Earle R	do	
		Baker, I. O.	do	
		Dovie P F	do	
		Garvar N B	do141 66	
		McDaniel A. B	do	
		Mills, Guy G	do 90 00	){
		Parcel, J. I.	do	
		Pickels, G. W.	do 150 00	9
		Raynor, W. H	do	
		Wiley C C	. do	()
		Wilson, W. M	do 183 33	}
	}	Biegler, P. S.	do 166 66	i .
	l	Brooks, Morgan	do 250 00	)
		Bryant, J. M	do	
		Fisk, 1. W	do	
	l	Wnight A R	.do	
		Paine, E. B.	.do	
	l	James, L. V Knight, A. R. Paine, E. B Waldo, E. H Beach, Robin	do	i
	1	Beach, Robin	do	i i
	[ 13	Grane, Rufus Jordan, H. H. Miller, H. W Nelson, W. S. Porter, F. M.	100 00	
	1	Jordan, H. H	do	
	1	Nelson W. S	.do	
	l	Porter, F. M	do125_00	
		Rugg, H. O.	do150 00	)
	11	Steward, R. K.	do	
		Benedict, B. W	do	
		Dent, J. A	do	
	l	Duncan I M	do 90 00	
		Eames, H. S.	do140_00	
	1	Gross, G. A.	do 150 00	
		Frisk, J. A.	do	
		Gooden wigh C. A.	do	
	14	Porter, F. M. Rugg, H. O. Steward, R. K. Benedict, B. W. Dent, J. A. Domonske, A. B. Duncan, J. M. Eames, H. S. Gross, G. A. Frisk, J. A. Godeke, H. F. Goodenough, G. A.	do	
		Kennedy, R. E.	.do	
	1 : .	Lanham, E. T.	do	)
	1 1 1	Leutwiler, O. A	do	i i
		Pendleton, J. C	do 100 00	
	1:	Radebaugh, G. H.	110 00	3
		Repman, P. J		1
	1	Goodenough, G. A. Harding, L. A. Kennedy, R. E. Lanham, E. T. Leutwiler, O. A. Pendleton, J. C. Radebaugh, G. H. Rebman, P. J. Richards, C. R. Scroggin, D. L. Torrance, F. C. Waterfall, H. W	do 80 00 do 479 16 do 120 00	3
		Torrance, F. C.	do	<b>i</b>
	1 '	Waterfall H W	do	

No.	Date.	To whom.	For what.	Amour
	1914.	Willard, A. C. Andros, S. O. Holbrook, E. A. Stoek, H. H. Young, L. E. Babbitt, H. E. Boomsliter, G. P. Enger, M. L. Ensign, N. E. Fleming, V. R. Gardner, Harry. Gomnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Carman, A. P. Jones, L. T. Karrer, Sebastian Knipp, C. T. Kunz, Jacob. Nathanson, J. B. Schulz, W. F. Randolph, O. A. Shook, G. A. Smith, O. H. Watson, F. R. Walliams, E. H. Hayes, J. B. Buck, A. M. Comstock, A. F. Schmidt, E. C. Snodgrass, J. M. Abrams, D. A. Chittenden, A. K. Dunn, H. H. Keller, R. B. Kratz, A. P. McFarland, D. F. Moore, H. F. Slater, W. A. Vedder, J. N. Yensen, T. D. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student) Pillsbury, W. H. Little, R. F. Andrews, O. M. Babcock, K. C. Bradbury, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel Burton, L. V. Newell, C. R. Rahn, Otto. Brigham, R. O. Hague, Stella M. Hottes, E. M. LeCato, J. M. Waggoner, H. D. Whitten, R. K. Radeliffe, B. S.		
5855	Feb. 14	Willard, A. C.	Salary, February, 1914. \$200 00	
Ctd.		Andros, S. O.	do 175 00	
	ł	Holbrook, E. A.	do208_33	
		Norma T E	do 416 66	
		Rehhitt H E	do	
		Boomsliter G P	.do	
	4	Enger, M. L.	do187_50	
	i .	Ensign, N. E	do	
		Fleming, V. R	do 150 00	
		Gardner, Harry	do	
	1	Gonnerman, H. F.	do	
	i	Noerenberg, C. E.	do	
	1	Seely, F. B	do 170 00	
		Vollance Alexander	do	
	1	Roir W H	do	
	l	Carman A P	do	
		Jones, L. T.	do	
		Karrer, Sebastian	do	
		Knipp, C. T.	do	
	1	Kunz, Jacob	do 208 33	
	1	Nathanson, J. B	do	
		Schulz, W. F.	do 183 33	
		Shook G A	do	
		Smith O H	do	
	l	Watson F R	do	
	1	Warner, E. H	do	
	İ	Williams, E. H.	do	
		Hayes, J. B	do 90 00	
		Buck, A. M	do 150 00	
	1	Comstock, A. F	do 166 66	
		Schmidt, E. C.	do	
	ł	Snodgrass, J. M	do	
	1	ADrams, D. A	do	
	1	Dunn U U	do	
		Keller R R	do	
		Kratz, A. P.	do	
	1	McFarland, D. F.	do	
	1	Moore, H. F.	do	
		Slater, W. A	do 150 00	
	1	Vedder, J. N	do, 133 33	
		Yensen, T. D.	do	
	1	Decker, E. H	do	
	1	Holo W C	do	
		Harker O A	do	
	i	Pomerov J. N	do	
		Vernier, C. G.	do	
	1	Cassidy, H. M. (Student)	do	1
	1	Pillsbury, W. H	do 200 00	
	1	Little, R. F.	do	
		Andrews, O. M	do	
		Brodhury C F	do	
	1	Kallay C. F.	120 00	
	1	Lake E. I	do	
	1	Wetmore, Mary M	do	1
	1	Bond, J. J. D.	do	
	1	Reed, F. W	do	
		Stebbins, Joel	do 291 66	
	1	Burton, L. V.	do	
		Newell, C. R.	do 100 00	
		Raini, Utto	do	
	1	Heggs Stelle M	do	
	1	Hottes C F	do	
	1	Lamkey E M R		
	1 '	LeCato, J. M	do	1
	[	McDougall, W. B.	do	
	1	Parr, Rosalie M	do	
	1	Scherfee, S. H	do	)} :
		Trelease, William.	do,	i
	l	Waggoner, H. D.	do	)
	1	Whitten, J. H.	do	)
		Hursh, R. K.	do 150 00	
	1	Radcliffe, B. S	do 120 00	)}

No.	Date.	To whom.	For what.	Amou
	1914.	D 1.6.6		
5855	Feb. 14		Salary, February, 1914. \$	80 00 250 00
Ctd.	1	Stull, R. T.  Williams, A. E.	do	125 00
				10 00
	1	Adams, W. C. Adlen, C. H. Baker, R. E. Balke, C. W. Bradley, S. A. Bates, S. J. Beal, G. D. Sims, C. E. Broderson, H. J. Carter, H. M. Charlton, E. E. Clark, K. A.	do	50 00
	1	Baker, R. E.	do	35 00
		Balke, C. W	do	250 00
	l	Bradley, S. A	do	30 00
		Bates, S. J.	do	100 00
		Beal, G. D		140 00
	1	Bradargan II I	do	10 00 120 00
		Cortor U M	do	30 00
	l	Charlton E E	do	30 00
	i	Clark, K. A.	- do	35 00
		Cohn, Alexander	do	10 00
	1	Darrah, Juanita E	ld0	30 00
		Davisson, B. S	do	60 00
	1	Derick, C. G	ao	166 66
	4	Eckstein, C. H	do	10 00
	1	Engle, E. W.		50 00
	1 .	Englisk D. T.	do	30 00 50 00
	l	Foster, L. F. Gilmore, R. E.	- do	30 00
	l	Hecker, C. H.	do	100 00
	1	Hess, R. W.	do	50 00
		Hewes, C. K	ao	60 00
		Honovski, B. R	do	80 00
		Hopkins, B. S	do	140 00
	1	Janson, J. M	do	10 00
		Kamm, Oliver	do	60 00
		Kremmers, H. C.	do	30 00 60 00
	1	Ball, T. R. Lewis, H. F.	do	50 00
		MacArthur C. G.	do	150 00
		MacArthur, C. G. MacInnes, D. A.	do	140 00
:		Manuel, W. A.	do	30 00
		Marquis, S. D.	do	30 00
		Marquis, S. D. Nelson, R. A.	do	10 00
		Noyes, W. A. Parr, S. W.	do	416 66
		Parr, S. W	do	333 33
		Prasil, Anton	do	10 00
		Read, J. W		60 00 10 00
1		Rich, P. C. Ruby, G. B.	do	10 00
		Scholl, Clarence	do	30 00
	}	Sears, G. W	do	60 00
		Sievert, C. W. J.	do	10 00
-		Skinner, G. S	do	10 00
,		Smith, G. M	do	166 66
		Smith, L. D	do	100 00
		Snook, J. D.		10 00
		Straw, W. A. Taylor, E. H.	ao	10 00
ã		Taylor, E. H. Taylor, S. C.	do	30 00 50 00
ì		Thorn, Lambert	do	120 00
*		Taylor, S. C. Thorp, Lambert. Tippett, R. W. Valentine, H. D. Van Zoeren, G. J. Washburn, E. W. Weber, H. C. P. Weiland, H. J. Wichers, Edward. Wildman, E. A. Barton, H. J. Canter, H. V. Moss, C. M. Oldfather, W. A. Pease, A. S.	do	30 00
9		Valentine, H. D	do	30 00
1		Van Zoeren, G. J	do	60 00
		Washburn, E. W	do	291 66
1		Weber, H. C. P.	do	166 66
- 1		Weiland, H. J.	do	35 00
. 1		Wildman E A		30 00 50 00
1		Rarton H I	do	291 66
	i	Canter, H. V.	do	208 33
	l	Moss, C. M	do	250 00
1	İ	Oldfather, W. A.	do	250 00
1		Pease, A. S.	do	250 00
	İ	Bogart, E. L.	do:	291 66
1	İ	Chase, W. A	do	200 00
		Dewsnup, E. R.	do	250 00
		Pease, A. S Bogart, E. L Chase, W. A. Dewsnup, E. R Litman, Simon Prickett, A. L Robinson M. H Scoullle, H. T	ao	208 33
		Robinson M H	do	40 00 250 00
		Scoville, H. T.	do	200 00
		Stewart, C. L	do	70 00
		Stewart, C. L. Thompson, C. M. Thompson, J. G.	do	180 00
		Thompson I C	40	180 00

No.	Date.	To whom.	For what.	Amour
	1914.	Weston, N. A. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A. Clark, T. A. Creek, H. L. Curl, M. J. Dixon, R. E. Dodge, D. K. Fulton, Edward Goodwin, T. G. Guild, T. H. Gwinn, Alta. Harbarger, Sada A. Jones, E. S. Jones, H. S. V. Jordan, J. C. Kelso, Ruth. Kyle, Martha J. Loomis, R. S. McJohnston, Harrison. Paul, H. G. Rinaker, Clarissa. Sarett, L. R. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Trieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob Folsom, J. W. Forbes, S. A. Glasgow, Robert D. MacGillivray, A. D. Peterson, Alvah. Bayley, W. S. Fleener, F. L. Heitkamp, G. W. Ross, C. S. Savage, T. E. Thompson, David. Barto, P. S. Brooks, N. C. Flom, G. T. Goebel, Julius. Green, Alexander Held, F. E. Koller, A. H. Lessing, O. E. Meyer, G. H. Spindler, G. W. Williams, C. A. Zucker, A. E. Alvush, E. L. Bournel, Frederick Greene, E. B. Lusson, L. M. Lybyer, A. H. Robyers, M. S. Borger, R. L. Burns, Josephine E. Chittenden, E. W.		
5855	Feb. 14	Weston, N. A. Anderson, L. F.	Salary, February, 1914. \$250 00	H
Ctd.	İ	Anderson, L. F	do 229 16	
	l	Bagley, W. C	do	Ì
		Coffman, L. D.	do	1 .
	ĺ	Hanquest, A. L.	do 50 00	1
		Tehnaton C II	do	
1		Millor W C	do	
	ł	Alden R M	do	
	i	Baldwin E C	do 175 00	l
		Bover C V	do	1
	,	Buchen, W. A.	do	1
		Clark, T. A.	do 500 00	d
		Creek, H. L.	do	d.
	[ ·	Curl, M. J	do 140 00	1
		Dixon, R. E	]do 110 00	1
		Dodge, D. K	do. 270 83	\ <u>\</u>
		Fulton, Edward	do	
	,	Goodwin, T. G	100 00	
	ľ	Gwinn Alto	do	}
	l	Harbargar Sada A	100 00	
	1	Lones E S	.do	1
		Jones, H. S. V	do	J.
		Jordan, J. C.	do	
		Kelso, Ruth	do	i i
		Kyle, Martha J	do	II.
	1	Loomis, R. S	do 120 00	ľ
	'	McJohnston, Harrison	do 120 00 do 208 33	1
		Paul, H. G	do	
		Rinaker, Clarissa	do	<b>'</b>
		Cabaan and Canturds	.do	lf.
	1	Scott F W	do 200 00	ji .
		Sharman S P	do. 200 00 do 308 33	1
		Stanley T B	do	ŀ
		Sutcliffe E. G.	do	lt .
	1	Tieje, A. J.	do	d .
		Whicher, G. F	do	ı Ç
	· ·	Woolbert, C. H	do 166 66	iľ
		Zeitlin, Jacob	do 133 33	
		Folsom, J. W	do 208 33	Í
		Forbes, S. A	do	
	No. 1	Maggilliana A. D.	do	
		Paterson Alvoh	do	}
		Raylay W S	do 250 00	
		Fleener F. L.	do	il
	1.5	Heitkamp, G. W.	do	)
		Rich, J. L.	do 150 00	:
		Rolfé, C. W	do	ni :
	1	Ross, C. S	do	)}
	1	Savage, T. E.	do 208 33	
		Thompson, David	do	1
	1	Proofer N. C.	do	1
	1 .	Flom G T	do	3
	1	Goebel Julius	.do	rł.
	1	Green Alexander	120 00	il
	1.5	Held, F. E.	do	)
	1	Koller, A. H	do 120 00 do 50 00 do 130 00	) l
		Lessing, O. E	do	
		Meyer, G. H	do	il
		Poor, C. M	150 00	9
		Spingier, G. W	do	1
	-	Zuokor A F	do	
		Alvord C W	do	
		Brush Elizabeth P	do	
	1	Buck, S. T.	.do	N I
		Cole, A. C	do	1
		Duncalf, Frederick	do208 33	
		Greene, E. B.	do	1
	1	Larson, L. M	do 250 00	)
		Lybyer, A. H	do 233 33	1
		Robertson, W. S	do208_33	1
		Borger, R. L.	125 00	1
	I	Chittonden E W	do	1
	1	Ommenden, E. W	do 120 00	1

No.	Date.	Crathorne, A. R. Denton, W. W. Emch, Arnold Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B. Sisam, C. H. Smith, G. W. Stouffer, E. B. Townsend, E. Wahlin, G. E. Zeis, H. C. Beard, J. H. Burge, W. E. Neill, Alms J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd, W. F. Garner, J. W. Hanford, A. C. Mathews, J. M. Storey, Russell M. Bentley, Madison Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Allen, Louis. Beck, J. B. Carnahan, D. H. Carry, Charles. Eppels, Joseph FitzGerald, J. D. II. Moore, O. H. Oliver, T. E. Schulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Adams, C. C. Chenoweth, H. E. Cobb, Margaret V. Faust, E. C. Green, Bessie R. Hanson, F. B. (Student) Heimburger, H. V. Johnson, Gertrude Kingsley, J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. VanCleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles. Kinley, David Wright, A. B. Austin, Louise Baspley, Paul Blaney, Lillian Brandner, A. R. Browne, Lois A. Clark, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas, Lois M. Cushing, Helen Coultas,	For what.	Amoun
	1914.		,	_
5855	Feb. 14	Crathorne, A. R.	Salary, February, 1914. \$166 6	6
Ctd.		Denton, W. W.	do	01
		Hebbert C M	do 187 5  do 60 0	
		Kempner A J	do	Ď
		Lytle, E. B.	do	ōl .
		Miller, G. A	do	6
		Rietz, H. L	do 158 3	3
		Rowland, S. A	75 0	0
		Show T R	do	6
		Sisam, C. H.	do	3
		Smith, G. W	do	Ō
	ļ	Stouffer, E. B	do 130 0	0
	1	Townsend, E. J	do	3
•	ļ	Wanin, G. E	do 116 6	D.
		Reard I H	do	ol .
		Burge, W. E.	do	3
		Neill, Alma J	do 60 0	01
		Bode, B. H	do	6
		Daniels, A. H	do	
	1	Chaphard Outen I	do	U)
		Dodd W F	do	6
	l	Garner, J. W	do	
	1	Hanford, A. C.	do	0
		Mathews, J. M	do 150 0	01
	1	Storey, Russell M	do 100 0	0
	l	Bentley, Madison	do	
	1	Sutherland A H	.do	
	l	Vance, T. J.	do	ŏl
	ľ	Allen, Louis.	do	0
		Beck, J. B	do 166 6	6
		Carnahan, D. H	do	0
	1	Ennals Jasenh	do 90 0	
		FitzGarald I D II	do	
	-	Moore, O. H.	do120 0	ŏl
	l	Oliver, T. E.	do	01
	1	Schulters, J. R	do 80 0	
	1	Seymour, A. R.	do 191 6	6
	İ	Wegenberg T. C.	do	0
	1	Haves E C	do	NI
	l	Todd, A. J.	do	
		Adams, C. C.	do	0
		Chenoweth, H. E	do 30 0	O#
	Į	Cobb, Margaret V	do 30 0	
	I	Cross Bossis P	do	0
	1	Hanson F B (Student)	do	Ν
	1	Heimburger, H. V.	do	ŏl
	1	Johnson, Gertrude	do	01
		Kingsley, J. S	do	6]
	I	Linkins, R. H	do	01
	l	May, H. G	do	ŭi Ni
		Stunkard H W	do	NI NI
		VanCleave, H. J.	do	01
	i	Ward, H. B	do	6
	ĺ	Wells, Grace E	do 30 0	
	1	Zeleny, Charles	do	9
	1	Wright A B	do	ol .
	1	Austin Louise	do	ŏl
		Bayley, Paul.	do	ol .
		Blaney, Lillian	do	0
	1	Brandner, A. R	do 25 0	0
	1	Browne, Lois A		
	}	Clark, Helen		UI.
		Cushing Holon T	do	NI NI
	1	Dewey, Ida B	do	ŏl
	1	Fisher, L. N.	do	01
	1	Cormon Philip	do	ol .

No.	Date.	To whom.	For what.	Amoui
	1914.			
5855	Feb. 14	Haskett, Aloa A Heck, A. O Ingels, Nelle L Kile, Jessie J Knight, C. K Knoche, Viola E Lamb, B. F Lantz, C. W Lawrence, Mathew Lincoln, Warren McKenna, E. L	Salary, February, 1914. \$ 25 0	0
Ctd.	1 .	Ingola Nolla I	do	
		Wila Taccia T	do	
		Knight, C. K	1do	
	1.1	Knoche, Viola E	do	
		Lamb, B. F	do	
	l	Lantz, C. W	do	
	1	Lawrence, Mathew	do 25 0	
		Lincoln, Warren	do	
		Mathews, Howard Miles, Lois M Miller, Jessie F Pasmore, D. F Parker, Karr	do	
		Mathews, noward	do	
	1 :	Millar Tassia F	1do	
	1	Pasmore, D. F	do	
	1 .	Parker, Karr		
	1	Partridge, N. L	do	
	1 :	Paulson, P. A	do., 25 0	
	İ	Ray, S. H	do 25 0	
	1	Reeves, H. P.		
	1	Schinnerer, O. P.	do,	
	1	Sichers Thekle M	do	
		Parker, Karr Partridge, N. L Paulson, P. A Ray, S. H Reeves, H. P. Schinnerer, O. P Shewhart, W. A Siebens, Thekla M Stevens, W. E Stokes, C. N Sullivan, W. W Theilen, Margaret K Thoreen, Edna A Thorne, Mabel E Wilson, W. H	do	
	1	Stokes, C. N.	1do	
		Sullivan, W. W	do 25 0	
	1	Theilen, Margaret K	do	0
	1 .	Thoreen, Edna A	do	0
		Thorne, Mabel E		
		Wilber, A. S	do 25 0	
		Wilson, W. H. Wolf, H. C.	do 25 0	
		Wolfe, W. S.	do	
		Wolfe, W. S. Brown, R. W Carroll, W. E. Clark, F. E. Conel, J. L. Corf, W. W Farwell, S. P Fracker, S. B Gittins, Elizabeth M Gutberlet, J. E. Harder, O. E.	do	
	1	Carroll W E	do	
		Clark, F. E	do	
		Conel, J. L	do	
		Corf, W. W	do 30 0	
		Farwell, S. P	do 40 0	
	1	Fracker, S. B.	do,	
		Gutharlet T. F.	do	
	1	Harder O F	do	
		Hausa E O	do	
	1 .	Harder, O. E. Heuse, E. O. Holley, C. E. Howard, J. W. Johnson, Morris. Kircher, E. A. T. Labanbaur, P. A.	do	
	1 '	Howard, J. W	do 30 0	Ō
	1 .	Johnson, Morris	. do 30 0	
		Kircher, E. A. T	do 40 0	
	1 .	Lehenbauer, P. A.	do	
	1	Miller, E. A. T. Lehenbauer, P. A. Macfarlane, Wallace. McGregor, H. H. Mathewson, L. C. Millar, E. B. Miller, J. E. Peine, A. F. Russell F. A.	. do	
		Mathawson I. C.	do	
	1	Millar E B	do	
	1	Miller, J. E	do	
	1	Peine, A. F	do	0
	1	Russell, F. A	do	0
	1	Wassell, F. A. Voogelein, Lily B. Watson, Minne E. Wyatt, F. A. Belt, J. H.	do 30 0	
	1	Watson, Minne E	do	
	1	Wright, Quincy	do	
		Rolt T H	do	
		Hadley H F	do	
	-	McDermet, Rudolph	do	
		Maney, G. A.	do 50 0	
	<u> </u>	Montgomery, Julian	do	
		Nebel, M. L	do,	0
		Pogue, R. B	do 50 0	0
		Bett, J. H. Hadley, H. F. McDermet, Rudolph. Maney, G. A. Montgomery, Julian Nebel, M. L. Pogue, R. B. Thomas, H. R. Wohlenberg W. J.	do	
		Wonlenberg, W. J.	do 50 0	
		Curtic Florence D	do	3
		Ragge F. T	do	
		Simpson Frances	do	6
		Harding, A. A	do	
	-	Kirkup, Florence M	.do	
	1	Mohlenberg, W. J. Bond, Ethel Curtis, Florence R. Reece, E. J. Simpson, Frances. Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F.	do	0]
	1	Morphy, E. W	do	0]
	1	Nasmyth, H. D.	do 170 0	0
	1	Schwartz, G. F	do 183 3	3

No.	Date.	To whom.	For what.	Amour
	1914.			
5855	Feb. 14	Simon, Anna	Salary, February, 1914. \$100 00	
Cld.		Smith, Constance-Barlow	do 166 66	
		Townsend, L. L.	do 120.00	
	1	Treat, Edna A	do 100 00	
		Langelier W F	do 125 00	
	1	Bartow, Edward	do 333 33	t
	1	Sapulding, C. H.	do	
	i	Ferguson, H. F.	do 90 00	
		Hanford, W. W	do 60 00	
		Hinds, M. E.	do 70 00	
		Mohlmon F W	1do	İ
	1	Schnellhach T F	do 75 00	
	1	Sioblom M C	do 75 00	
	İ	Tanner, F. W.	do 70 00	
		Colson, H. W	do 100 00	
		Clark, A. H	do 150 00	
		Day, W. B.	do	
	1	Eicher, B. L.	do 100 00	
	l	Snow C M	do 150 00	
		Anders. P	100 00	١.
	1	Townsend, L. L. Treat, Edna A. Van den Berg, H. J. Langelier, W. F. Bartow, Edward Sapulding, C. H. Ferguson, H. F. Hanford, W. W. Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schnellbach, J. F. Sjoblom, M. C. Tanner, F. W. Colson, H. W. Clark, A. H. Day, W. B. Eicher, B. L. Gathercoal, E. N. Snow, C. M. Anders, P. Hieronymus, R. E. Muehlman, Ralph E. Augusta D. Evans F. A. Pearson C. F. Goodman W. J. Carmichael Thomas Bendlow F. N. Evans H. W. Peaslee H. P. Rusk W. H. Smith Chris C. Jensen Stophen Rogers	do	1.
	1	Muehlman, Ralph E	do 140 00	
5856	do	Augusta D. Evans	Traveling expenses	\$ 22
5857	do	F. A. Pearson	do	16
5858 5859	do	C. F. Goodman.	do	65
5860	do	W. J. Carmichael	T ootsames	100
5861	do	Thomas Deligiow	do do	180
5862	do	H. W. Peaslee	do	225
5863	do	H. P. Rusk	Traveling expenses.	13
5864	do	W. H. Smith	do	. 8
5865	do	Chris C. Jensen	do	1
5866 5867	do	Stephen Rogers	Field expenses	81
5867	do	H. C. Lawson	Traveling expenses	1 7
5868 5969	do	Earl Garver	00	16
5969 5870	do	G W Roardslov	do	1
5871	do	Ed Rehling	do	1 5
5872	do	M. R. Carlson	do	8
5873	do	Baker & Co., Inc.	Laboratory supplies	2
5874	do	Taylor Hardware Co	Laboratory apparatus	9
5875	do	National Engraving Co	Engravings	39
5876	do	J. C. Thomas	Nails and hinges	] 1
5877 5878	do	Chas. A. Hall Hardware Co	Laboratory apparatus	1
5879	do	Creamony Poelrogo Mfg. Co.	Leberatory supplies	17
5880	do	Strauch Kodak Finishing Shop	Developing and printing	. 1
5881	do	Bausch & Lomb Ontical Co	Laboratory apparatus	1 6
5882	do	D. H. Lloyde	Office supplies	45
5883	do	Hunter, Rourke & Co	Fencing	45
5884 5885	do	J. W. Butler Paper Co	Office supplies	1 . 2
	do	U. W. Johnson	Apparatus	8
5886 5887	do	H. P. Rusk W. H. Smith Chris C. Jensen Stephen Rogers H. C. Lawson Earl Garver J. J. Ausen G. W. Beardsley Ed. Behling M. R. Carlson Baker & Co., Inc. Taylor Hardware Co. National Engraving Co. J. C. Thomas Chas A. Hall Hardware Co. The Letter Shop Creamery Package Mfg. Co. Strauch Kodak Finishing Shop. Bausch & Lomb Optical Co. D. H. Lloyde Hunter, Rourke & Co. J. W. Butler Paper Co. C. W. Johnson Electric Appliance Co. The Frederick Post Co. Indian Refining Co. Pittsburgh Plata Glass Co.	Bluerint pener	19
5888	do	Indian Refining Co	Oil	54
5889	.do	Indian Refining Co. Pittsburgh Plate Glass Co.	Glass	12
5890	do	Pittsburgh Plate Glass Co. Champaign Steam Laundry. Hunter, Rourke & Co. W. J. Boehm. G. E. Stechert & Co. H. W. Johns-Manville Co. American RadiatoriCo. Scientific Materials Co. Eisner Grocery Co. T. J. Colvin. Hoskins Mfc. Co.	Laundry	18
5891	do	Hunter, Rourke & Co	Furniture	12
5892	do	W. J. Boehm	Laboratory supplies	*22
5893	do	G. E. Stechert & Co	BOOKS	1 1
5894 5895	ao	A morigan PadiatoriCo	Melves and light supplies	28
5895 5896	do	Scientific Materials Co	Laboratory supplies	28
5897	do	Eisner Grocery Co.	Janitor's supplies	29
5898	do	T. J. Colvin	Laboratory supplies	1 1
5899	do	Hoskins Mfg. Co	do	5
5900	do	Naugatuck Mfg. Co	do	24
5901	do	Hoskins Mfg. Co. Naugatuck Mfg. Co. Asa L. Shipman's Sons. Fairbanks, Morse & Co. Brandywine Summit Kaolin & Feld-	Office supplies	7
5902	do	Fairbanks, Morse & Co.	Laboratory apparatus	18
5903	ao	spar Co	Laboratory supplies	
5904	do	Brandywine Summit Kaolin & Feld- spar Co. American Hackney Horse Scoeity. C. G. Conn. C. G. Cox. L. C. Smith & Bros. Typewriter Co. A. J. Nystrom & Co.	Recording	
5904	do	C. G. Conn	Apparatus renair	15
5906	do	Č. G. Cox	Traveling expenses	40
5907	do	L. C. Smith & Bros. Typewriter Co	Rents of typewriter	30
5908	1 40	A T Nygtrom & Co	Laboratory annaratus	28

No.	Date.	To whom.	For what.	Amour
	1914.			
5909	Feb. 14	Herrick & Stoltey Engineering Record	Traveling expenses	\$ 1
5910 5911	do	Engineering Record	Advertising	14
	do	Wade & Crang	Feeding stock	10
	do	Harpswell Laboratory.	Laboratory apparatus	77
5913 5914	do	Harpsweit Laboratory Baker & Co., Inc. Crosby Steam Gage & Valve Co. D. J. Dobbins. Chicago Live Stock World. Standard Cap & Seal Co. Roessler & Hasslacher Chemical Co. Fuller & Fuller Co.	Laboratory supplies	5
5915	do	D I Dobbins	Feeding stock	7
5916	do	Chicago Live Stock World	Forty conies magazine	5
5917	do	Standard Cap & Seal Co	Dairy supplies	34
5918	do	Roessler & Hasslacher Chemical Co	Laboratory supplies	33
5919	do	Fuller & Fuller Co	do	76
5920				6
5921	do	McIntosh Stereopticon Co	Laboratory apparatus	40
5922	do	W. J. Murdock Co. William Gaertner & Co. English Brothers.	do	2
5923	do	William Gaertner & Co	Apparatus repair	2
5924	do	English Brothers	Labor on building	27
5925	do	(Feeding stock) H. B. Richards	Feeding stock	32
5926	do	Greeding stock) H. B. Richards. White Line Steam Laundry. Soft Water Laundry Co. Crane Co.	Launary	96
5927 5928		Crops Co	Puilding cumpling	7 15
5928		C A Danman	Painting supplies	10
5930	do	Simplex Time Recorder Co	Office equipment	121
5931	do	J. E. Maynard Co.	Electros	4
5932	do	F. W. Woll	Books	4
5933	do	Albert E. Wuesteman	Furniture	4
5934	do	J. H. Robey.	Traveling expenses	15
5935	do	National Engraving Co	Etchings	11
5936	do	National Carbon Co	Laboratory supplies	13
5937	do	Dixie Music House	Music supplies	19
5938	[do	Sweet, Wallach & Co	Blue printing	4
5939	do	Herbert & Huesgen Co	do	2
5940	do	Mining & Scientific Press	Books	3
5941	do	F. K. Robeson	Laboratory supplies	5
5942	do	Cold-well Electric Co		11 7
5943 5944	ao	TT of T Cumpler Chang	Dooleg and talamama	8
5944		The Pure Co	Loboratory supplies	13
5945 5946	uo	Flanigan-Paarson Co	Printing	190
5947	do	Illinois State Reformatory	do	41
5948	do	White Line Steam Laundry.  Soft Water Laundry Co.  Crane Co.  C. A. Denman.  Simplex Time Recorder Co.  J. E. Maynard Co.  F. W. Woll.  Albert E. Wuesteman.  J. H. Robey.  National Engraving Co.  National Carbon Co.  Dixie Music House.  Sweet, Wallach & Co.  Herbert & Huesgen Co.  Mining & Scientific Press.  F. K. Robeson.  Machinists Supply Co.  Caldwell Electric Co.  U. of I. Supply Store.  The Burr Co.  Flanigan-Pearson Co.  Illinois State Reformatory.  Urbana & Champaign Ry., Gas & Electric Co.  Louis B. Malecki & Co.  Electric Coal Co.  John H. Doyle.  Western Electric Co.  Standard Oil Co.  Metiger & Schafer Co.  Cing-Surface Co.  H. C. Tunison.  Tablet & Ticket Co.  Corbin Cabinet Lock Co.  Gelena Signal Oil Co.  Kilborn Photo-Paper Co.  D. Appleton & Co.  Defender Photo Supply Co.  A. T. Thompson & Co.  James G. Biddle.  E. I. duPont deNemours Powder Co.  Standard Oil Co.  Twin City Roofing Co.  Warren Brush Co.  F. K. Robeson.  Chas. A. Hall Hardware Co.  The Burr Co.  The Chester Transfer Co.  The Chester Transfer Co.  The Burr Co.  Taylor Hardware Co.	D 1111	000
5949	do	TIL CO	Laboratory supplies	839 27
5950	do	Louis B. Moloski & Co	Military supplies	.64
5957	do	Electric Coal Co	Coal	6, 118
5952	do	John H. Doyle	Building renairs	16
5953	do	Western Electric Co	Electric material	îi
5954	do	Standard Oil Co	Heating supplies	2
5955	do	Bacon Brothers	Dairy supplies	3
5956	do	A. H. Barber & Creamery Co	Laboratory supplies	91
5957	do	Metzler & Schafer Co	do	2
5958	do	Cling-Surface Co.	Heating supplies	8
5959	do	H. C. Tunison.	Books	3
5960	ao	Tablet & Ticket Co	Onice supplies	1 1
5961	op	Conoral Electric Co	Laboratory opposition	39
5952 5963		Galana Signal Oil Co	Laboratory supplies	15
5964	do	Kilhorn Photo-Paper Co	Blue printing	1
5965	do	D. Appleton & Co.	Books	a
5966	. do	Defender Photo Supply Co	Blue printing.	g
6967	do	A. T. Thompson & Co	Laboratory apparatus	72
5968	do	James G. Biddle	Apparatus repairs	5
5969	do	E. I. duPont deNemours Powder Co	Laboratory supplies	3
5970	do	Standard Oil Co	Heating supplies	3
5971	do	Twin City Roofing Co	Electric supplies	7
5972	do	Warren Brush Co	Janitor's supplies	25
5973	do	F. K. Robeson.	Heating supplies	9
5974	ao	Chas. A. Hall Hardware Co	(Decreting over or	4
5975 5076	ao	The Chester Transfer Co	Laboratory apparetes	17
5976 5977	do	Tohn H. Dovla	Heating supplies	14
5978	uo	Taylor Hardwara Co	Furniture reneir	4
5978 5979	do	D H Llovde	Laboratory apparetus	15
5980	do	E. H. Sargent & Co	do apparatus	15
5981	Feb. 16	The Burr Co. John H. Doyle Taylor Hardware Co. D. H. Lloyde E. H. Sargent & Co. Eberhard Faber National Blank Book Co.	Office supplies	113
5982	do	National Blank Book Co	.do	14
5983				
	do	J. W. Butler Paper Co Weis Mfg. Co Stipes & Hecker	do	19 1
5984			1	
5984 5985 5986	do	Weis Mfg. Co	ao	4

No.	Date.	To whom.	For what.	Amour
	1914.	J. W. Butler Paper Co. Universal Sales Co. Weis Mig. Co. Keuffel & Esser Co. of New York. Tablet & Ticket Co. Chas. A. Hall Hardware Co. Stipes & Hecker. R. W. Braithwaite. A. H. Barber Creamery Supply Co. Irving-Pitt Mig. Co. Peoples' Cooperative Co. J. C. Thomas. Champaign Steam Laundry. J. T. Ryerson & Son. H. A. Harding. Agricultural Experiment Station of the University of Wisconsin. Twin City Roofing Co. J. F. Wiley & J. M. Grove. H. A. Hollister. E. H. Sargent & Co. Frison Brothers. H. W. Johns-Manville Co. Louis F. Nafis. J. McCarty. W. B. Mills J. H. Martin G. C. Leipold H. P. Joy G. E. Hulting. W. E. Holben. A. A. Hill L. S. Griffith H. L. Eaton. W. G. Griffith R. E. Hieronymous C. S. Slonneger A. E. Swan W. Rowe. W. J. Rapp. C. E. Durst. H. A. Winter William Webb E. D. Walker E. E. Hoskins. Warner-Jenkinson Co. Columbia Tool Steel Co. U. S. Reduction Co. J. T. Ryerson & Son D. H. Burrell & Co. Chester Horsesheeing Shop.	,	
5987	Feb. 16	J. W. Butler Paper Co	Office supplies	\$ 17
5988 5989	do	Universal Sales Co	do	13
5990	do	Kenffel & Esser Co. of New York	do	82
5991	do	Tablet & Ticket Co	do	13
5992	do	Chas. A. Hall Hardware Co	Laboratory apparatus	40
5993 5994	do	Stipes & Hecker	Fencing.	29
5994 5995	Jdo	K. W. Braitnwaite	Service veterinary	11
5996	_do	Trying-Pitt Mfg. Co	Office Supplies	18
5997	do	Peoples' Cooperative Co	do	i
5998	do	J. C. Thomas	Laboratory apparatus	1
5999	do	Champaign Steam Laundry	Laundry	16
6000	do	J. T. Ryerson & Son	Laboratory supplies	
$6001 \\ 6002$		A gricultural Experiment Station of the	Traveling expenses	61
0002	uo	Thiversity of Wisconsin	Traveling expense and services	160
6003	do	Twin City Boofing Co	Building repairs	700
6004	do	J. F. Wiley & J. M. Grove	Traveling expense	1 7
6005	do	H. A. Hollister	Traveling expenses	11
6006	do	E. H. Sargent & Co	Laboratory apparatus	116
6007	do	Frison Brothers	Furniture repairs	1
6008 6009	do	H. W. Johns-Manville Co	Laboratory apparatus	23
6010	do	I McCorty	Lecture and traveling expenses	15
6011	do	W. B. Mills	-do	16
6012	do	J. H. Martin	do	27
6013	do	G. C. Leipold	do	18
6014	do	H. P. Joy	do	17
6015	do	G. E. Hulting	do	13
6016 6017	do	W. E. Holben		15
6918		A. A. HIII.	do	14
6019	do	H L Eston	do	16
6020	do	W. G. Griffith.	do	1 16
6021	do	R. E. Hieronymous	Traveling expenses	24
6022	do	C. S. Slonneger	Lecture and traveling expenses.	
6023	do	A. E. Swan	do	13
$6024 \\ 6025$	do	W. Rowe	do	13
6025 6026	do	W. J. Rapp	Traveling expenses	1.
$6026 \\ 6027$	do	H A Winter	Lecture and traveling expenses	10
6028	do	William Webb	do	1
6029	do	E. D. Walker	do	20
6030	Feb. 17	E. E. Hoskins.	Traveling expenses	1 7
6031	do	Warner-Jenkinson Co	Dairy supplies	25
6032	do	Columbia Tool Steel Co	Laboratory supplies	-
6033	do	U. S. Reduction Co		39
6034 6035	do	D H Burrell & Co	Laboratory apparatus	75
6036	do	Chester Horseshoeing Shop	Field expenses	i
6037	do	Twin City Ice & Cold Storage Co	Laboratory supplies	1
6038	do	Mallinckrodt Chemical Works	do	2
6039	do	D. H. Lloyde	Office supplies	
6040	do	Twin City Roofing Co	Building repairs	! !
$6041 \\ 6042$	do	U. S. Reduction Co. J. T. Ryerson & Son D. H. Burrell & Co. Chester Horseshoeing Shop Twin City Ice & Cold Storage Co. Mallinckrodt Chemical Works D. H. Lloyde. Twin City Roofing Co. U. of I. Supply Store F. E. Boyd. Chris McIntine	Unice supplies	
6043	do	Chris McIntire	do	10
6044	do	Mittendorf & Kiler	Furniture	2
6045				
6046	do	Jno. B. Bennett	Drains	
6047	do	J. W. Butler Paper Co	Office supplies	1 :
6048	do	R. W. McCready Cork Co	Laboratory supplies	
6049	do	Van Camp Hardware & Iron Co	Laboratory apparatus	3
$6050 \\ 6051$	do	F. K. Kobeson. Jno. B. Bennett J. W. Butler Paper Co. R. W. McCready Cork Co. Van Camp Hardware & Iron Co. Janney, Steinmetz & Co. Houghton & Richards. D. H. Lloyde. Central Electric Co.	do supplies	3
6052	Feb. 18	D. H. Lloyde	Office supplies	50
6053	do	Central Electric Co	Electrical supplies	
6054	do	Twin City Printing Co	Office supplies	
6055	do	W. Lewis & Co	Dairy supplies	
6056	do	Flanigan-Pearson Co	Building supplies	1 2
6057	do	S. E. Huff & Co	Dairy supplies	2
6058 6059		John H. DoyleBarnhart Brothers	Building supplies	1 :
6060	do	The Burr Co	Machinery repairs	1
6061	do	Watson Faulkner	Dairy supplies	
6062	1do	Taylor Hardware Co	Dairy supplies. Building materials	.] :
6063	do	A. C. McClurg & Co. U. of I. Supply Store.	Office supplies	.  8
6064	do	U. of 1. Supply Store	do	.  - {

No.	Date.	To whom.	For what.	Amour
	1914.	Bacon.Brothers Standard Oil Co B. A. Strauch E. H. Sargent & Co Woldenberg & Schaar Electric Coal Co Keuffel & Esser Co. of New York Leavitt Mfg. Co The Gym Store Champaign Steam Laundry J. E. Webb A. E. Wuesteman Miller Harness Co H. Swannell & Son Alexander Lumber Co Creamery Package Mfg. Co T. J. Colvin B. Heller & Co J. C. Thomas Central Scientific Co		
6065	Feb. 18	Bacon Brothers	Building suppliesOil and gasoline	\$ 1
6066	do	Standard Oil Co	Oil and gasoline	8 24 56 36
6067		E H Sargant & Co	Negatives Laboratory apparatus Drayage on milk	24 56
6069	do	The Chester Transfer Co	Dravage on milk	36
6070	do	Woldenberg & Schaar	Laboratory supplies	40 78 14 3 7
6071	do	Electric Coal Co	Coal Laboratory apparatus	78
6072	do	Keuffel & Esser Co. of New York	Laboratory apparatus	14
6073	do	The Gym Store	Building materialLaboratory apparatus	3
6074	do	Champaign Steam Laundry	Landry Negative Wall clock Furniture Laboratory supplies	7 10 1 4 3 6 8 2 2 8 1
6076	do	J. E. Webb	Negative	ĭ
6077	do	A. E. Wuesteman	Wall clock	4
6078	do	Miller Harness Co	Furniture	3
6079	do	H. Swannell & Son	Laboratory supplies	6
	do	Crosmory Pookage Mfg. Co	Dairy supplies. Feeding stock Dairy supplies Building supplies Laboratory supplies	. 8
6081	do	T I Colvin	Feeding stock	2
6082 6083	do	B. Heller & Co.	Dairy supplies	8
6084	do	J. C. Thomas Central Scientific Co. National Carbon Co.	Building supplies	Ĭ
6085	do	Central Scientific Co	Laboratory supplies	1 2 5 88 50 138 24
6086	do	National Carbon Co	do	2
6087	do	James G. Biddle	Laboratory apparatus. Machinery and supplies. Machinery repairs	.5
6088	do	A marican Steam Pump Co	Machinery and supplies	88 50
6089 6090	do	McMaster-Carr Supply Co	do	138
6091	do	Geo. B. Carpenter & Co	Machinery repairsdo. Heating supplies Blue printing Office supplies. Freight	24
6092	do	Sweet Wallach & Co	Blue printing.	6 13
6093	do	J. W. Butler Paper Co	Office supplies	13
6094	do	Wabash R. R. Co	Freight	3
6095 6096	do	National Carbon Co. James G. Biddle. Chicago Engineer Supply Co. American Steam Pump Co. McMaster-Carr Supply Co. Geo. B. Carpenter & Co. Sweet Wallach & Co. J. W. Butler Paper Co. Wabash R. R. Co. Illinois Central R. R. Co. Cleveland, Cincinnati, Chicago & St. Louis Ry. Co. Wabash R. R. Flanigan-Pearson Co. The Letter Shop. Remington Typewriter Co. Flanigan-Pearson Co. Sheldon Brick Co. General Chemical Co. Harbison-Walker Refractories Co. Keystone Electrical Instrument Co. Montgomery & Co. International Acheson Graphite Co.		
6007	do	Wahash P. D.	do	21 38 1,909 13 3 634
6097 6098	do	Flanigan-Pearson Co	Printing	1 909
6099	do	The Letter Shop	do. Printing Clerical work Office repairs.	13
6100	do	Remington Typewriter Co	Office repairs	3
6101	do	Flanigan-Pearson Co	Printing. Building repairs. Laboratory supplies.	634
6102	do	Sheldon Brick Co	Building repairs	16 189
6103	do	General Chemical Co	Laboratory supplies	
6104 6105	do	Waystone Floatricel Instrument Co	do	49
6106	do	Montgomery & Co	Laboratory apparatus	79
6107	do	Montgomery & Co	Laboratory apparatusLaboratory supplies	ı š
6108	do	Mrs. Melville F. Johnston	Exhibit expenss	42 9 3 167
6109	do	International Acheson Graphite Co. Mrs. Melville F. Johnston C. M. Wirick Gulick Tailoring Co Champaign Mattress Co. Illinois State Reformatory Bacon Brothers Winsor & Newton Ltd. J. R. Wells Fred J. Blackburn W. B. Mills James E. Wooters J. P. Robards W. E. Johns G. W. Brown O. S. Watkins B. S. Pickett	Exhibit expenss. Traveling expenses	167 16 18 19 3 3
6110 6111	do	Gulick Tailoring Co	Dairy supplies. Apparatus repairs. Office supplies. Engineering supplies. Laboratory supplies Traveling expenses.	16
6111	do	Champaign Mattress Co	Apparatus repairs	18
$6112 \\ 6113$	do	Recon Brothers	Engineeringgunnlieg	3
6114	do	Winsor & Newton Ltd	Laboratory supplies	ă
6115	do	J. R. Wells	Traveling expenses	17
6116	do	Fred J. Blackburn	do	14 150
6117	do	[W. B. Mills	Lectures	150
6118	do	James E. Wooters	do Lectures . do Lecture and traveling expenses. Traveling expenses.	60
6119	do	W F Johns	Traveling expenses.	14
$6120 \\ 6121$	do	G W Brown	Lectures	25
6122	Feb. 19	O. S. Watkins	Lectures	29
6123	do	B. S. Pickett	Rent of telephone Express bills paid	8
6124	do	Commercial Telephone & Telegraph Co	Rent of telephone	4
6125	do	O. E. Staples, Bursar	Express bills paid	48 384
6126	do	O. E. Staples, Bursar	Student labor	384
6127	do	O. E. Staples, Bursar	Canarallahar	981
$6128 \\ 6129$	do	Flanigan-Pearson Co	Printing	160
6130	do	S. E. Huff & Co.	General supplies	5
6131	do	Green Street Pharmacy	do	. 7
$6132 \\ 6133$	do	C. A. Denman	Express bills paid Student labor do. General labor Printing General supplies do. Building repairs General supplies Laboratory simplies	384 581 230 160 5 7 37
	do	Dallenbach Brothers	General supplies	92
6134	do	G. U. Willis	Laboratory supplies Fencing	110
6135	do	American Steel & Wire Co	Furniture	118
6136 6137	ao	Tohn H. Doyla	Furniture	118 6
6138	40	C. S. Meek	Laboratory apparatus Lectures.	35
6139	do	Tablet & Ticket Co.	Office supplies	35 2
6140	do	O. S. Watkins B. S. Pickett. Commercial Telephone & Telegraph Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Flanigan-Pearson Co. S. E. Huff & Co. Green Street Pharmacy C. A. Denman Dallenbach Brothers G. C. Willis. American Steel & Wire Co. Mittendorf & Kiler John H. Doyle C. S. Meek Tablet & Ticket Co. Alexander Lumber Co. J. W. Herriott Pollock Grain Co.	General supplies.	2 8 7 188
6141	do	J. W. Herriott	General suppliesLive stock	7
6142	1 4 .	Dellock Croin Co	Feeding stock	100

No.	Date.	To whom.	For what.	Amount
	1914.	S. E. Dillavou.  Metzler & Schafer Co. Twin City Ice & Cold Storage Co. Champaign Seed Co. U. of I. Supply Store. White Poultry Farm. Twin City Creamery. Farrar & Quinlan. J. S. Reimund. Smith & Co. P. S. Campbell. A. C. McClurg & Co. Chicago Packing House. Whitell-Tatum Co. J. H. Percival. Western Electric Co. Willer Harness Co. Walker & Mulliken. Laboratory supplies. The Daily Illini. Wm. Sweatman. J. E. Whitchurch. J. B. Andrews. P. Campbell. Stipes, & Hecker. J. D. McHose. Pay roll (Addendum) Kaiser, J. B. Moore, C. R. Rich, P. C. Waddell, Mary L. Weeter, Harry M. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Burs		
O 6143 O 6144	Feb. 19	S. E. Dillavou	Feeding machine Laboratory supplies .do .do .Furniture. General supplies .do .do .General supplies .printing Books .Cafataria supplies	\$ 21 ( 82 ) 12 (
0 6145	do	Twin City Ice & Cold Storage Co	do	12
0 6146	do	Champaign Seed Co	do	12 1 4 25 40 62 31
0 6147	do	U. of I. Supply Store	Furniture	4 :
O 6148 O 6149	do	White Poultry Farm	General supplies	25
0 6149	do	Former & Ouinlan	do	60
O 6150 O 6151	do	J. S. Reimund	General expense	31
0 6152	do	Smith & Co.	General supplies	45 43 5 84 26 120
0 6153	do	P. S. Campbell	General supplies Printing Books Cafeteria supplies Laboratory suplies Feeding stock Office expense Machinery repairs Furniture Laboratory supplies Advertising Field expense Traveling expenses do Service Laboratory supplies Contract February, 1914 Salary, February, 1914. \$150 00 do 97 50 do 20 00 do 70 00 do 83 33 Student labor do General labor do Express bills paid Laboratory supplies	43
0 6154	do	A. C. McClurg & Co	Books	5
O 6155 O 6156	do	Unicago Packing House	Laboratory suplies	26
0 6157	do	I H Parcival	Feeding stock	120
O 6157 O 6158	do	Western Electric Co	Office expense	5
O 6159	do	Miller Harness Co	Machinery repairs	5
0 6160	do	Walker & Mulliken	Furniture	5
O 6161 O 6162	do	Laboratory supplies	Laboratory supplies	3
0 6163	00	Wm Sweetman	Field evnerse	190
0 6164	do	J. E. Whitchurch	Traveling expenses	16
0 6165	do	J. B. Andrews	do	16 27
O 6166	do	P. Campbell	Service	60
0 6167	do	Stipes, & Hecker	Laboratory supplies	29
O 6168 O 6169	do	Down noll (Add on days)	Contract	200 420
2 0108	ao	Fay Ion (Addendum)	Salary February 1914 \$150 00	420
		Moore, C. R.	do	1
		Rich, P. C.	do	1
		Waddell, Mary L	do 70 00	
. atma		Weeter, Harry M	do 83 33	
6170 6171	Feb. 21	O. E. Staples, Bursar	Student labor	316 91
6172	do	O. E. Staples, Bursar	Canarallahor	246
7173	do	O E Staples Bursar	do	223
O 7173 O 6174	do	O. E. Staples, Bursar	Express bills paid	25
O 6175	do	O. E. Staples, Bursar	Sundry bills paid	25 10
O 6176 O 6177	do	J. C. Thomas	Laboratory supplies	4 12 18 13 8 3 4 26 15
O 6177 O 6178	[do	G. E. Stechert & Co	Books.	12
O 6178 O 6179	do	P S Campbell	Printing	18
0 6180	do	The Letter Shop	Clerical work	8
O 6180 O 6181	do	John H. Dovle	Building repairs	3
0 6182	do	Bacon Brothers	Building supplies	4
0 6183	do	F. K. Robeson	General supplies	26
O 6184 O 6185	do	S. E. Huff & Co	Furniture repairs	15
0 6186	do	John H. Doyla	do	5 19
0 6187	_do	F. A. Pearson	Traveling expenses	30
0 6187 0 6188	do	W. A. Ruth	do	23 144 106
6189	do	R. R. Donnelley & Son Co	Printing	144
O 6190 O 6191	do	Morrill & Morley Mig. Co	Machinery	106
6192	do	Chas A Hall Hardware Co	Apparetus and supplies	17
6193	_do	W. S. Perrine	Field expense	17 20 197 20
6194 6195	do	B. A. Strauch	Lantern slides	20
6195	do	The Burr Co	do. Express bills paid. Sundry bills paid. Laboratory supplies. Books. Laboratory supplies. Printing. Clerical work Building repairs. Building repairs. Building supplies. General supplies. Furniture repairs. Laboratory suppliesdo. Traveling expensesdo. Printing Machinery Furniture. Apparatus and supplies. Field expense. Lantern slides. General supplies. Lantern slides. General suppliesdo.	3 8 19
6196	do	Twin City Ice & Cold Storage Co	General suppliesdoBlectrical suppliesoilOffice equipmentBooksApparatus repairsBuilding materialGeneral supplies	8
6197 6198	do	The Western Electric Co	Electrical supplies	19
6199	40	Thurman Vacum Cleaner Co	Office equipment	
6199 6200	do	Guide Publishing Co.	Books	2
6201	do	Bausch & Lomb Optical Co	Apparatus repairs	6
6202	do	F. A. Hawley	Building material	5
6203	do	S. E. Huff & Co	General supplies	1
6204 6205	ao	Champaign Steam Loundry	General supplies Laboratory supplies Laundry Books	9 2 6 5 1 4 1 106 2 4 5 105 6
6204 6205 6206 6207 6208 6209	do	W. E. Johns, Business Manager 1914 Illia	Books	106
6206 6207	do	Walker & Mulliken	Furniture repair	100
6208	do	Brown Corporation	Apparatus repair	4
6209	do	Federal Sign System	Furniture repair Apparatus repair Electrical supplies	- 5
6210	do	Central Electric Co	do Building material	105
6211	00	Jas. H. Kice Co	Building material	6
0 6211 0 6212 0 6213	do	Rernhert Brothers	Tools	9
6214	do	Twe Western Electric Co. Standard Oil Co. Standard Oil Co. Guide Publishing Co. Bausch & Lomb Optical Co. F. A. Hawley. S. E. Huff & Co. F. A. Hawley. S. E. Huff & Co. H. K. Robeson. Champaign Steam Laundry. W. E. Johns, Business Manager, 1914, Illio Walker & Mulliken. Brown Corporation. Federal Sign System. Central Electric Co. Jas. H. Rice Co. W. D. Allen Mig. Co. Barnhart Brothers. Charles H. Besly & Co. Associated Architects Printing & Supply Co.	Laboratory supplies	20
6215	do	Associated Architects Printing & Supply		i
		Co	General supplies	14

No.	Date.	Jos. Breck & Sons, Corp. University of Missouri Foster M. Johns, M. D. Illinois State Reformatory. Albert E. Wuesteman. Flanigan-Pearson Co. Twin City Printing Co. C. G. Conn, Ltd. William Webb. W. E. Prichard. Miss Elizabeth Sprague Frank I. Mann F. L. Stevens. Sheldon Brick Co. Pillsbury Flour Mills Co. Alfred Gunderson. B. S. Prickett. J. A. Drew. O. S. Watkins. John J. Stafford & Son. Professor I. O. Baker. Clapp-Eastham. Charles H. Besly & Co. Underwood Typewriter Co. L. W. Faulkner. Twin City Roofing Co. John Wiley & Sons, Inc. Tablet & Ticket Co. Wayne Dinsmore, Secretary, Percheron Society of America. Flanigan-Pearson Co. G. E. Amsbary Co. Nat'onal Biscuit Co. Green Street Pharmacy Hall Lumber Co. C. O. Taylor. Beckley-Cardy Co. E. H. Sargent & Co. Western Bank Note & Engraving Co. Crane Co. Ludlow Valve Mig. Co. J. T. Ryerson & Son. Frederick Post Co. Jas. H. Rice Co. John D. Bargs & Co. F. M. Leslie. Indian Refining Co. The Lunden Co. Cagle Sheet Metal Works Walker & Mulliken. McIntosh Stereoptican Co. Mahert & Grosh Cutlery Co. Albert E. Wuestman Frederick Post Co. Jas. H. Rice Co. Jas. H. Rice Co. Jas. H. Rice Co. John D. Bangs & Co. F. M. Leslie. Indian Refining Co. The Lunden Co. Cagle Sheet Metal Works Walker & Mulliken. McIntosh Stereoptican Co. Maher & Grosh Cutlery Co. Alfred Rehder Miller Harness Co. Henry A. Dreer, Inc. The Lumiere Jougla Co. Albert Pick & Co. D. T. Dobbins Mittendorf & Kiler Champaign Steam Laundry. R. W. Braithwaite. Soft Water Laundry Co. Royal A. Steps. Underwood Typewriter Co. P. S. Campbell J. F. Wiley. H. H. Edmunds H. A. Hollister Dranier Book Bindery E. Leitz. Leitz. Legler The Letter Shop J. H. Checkley Mr. Fred Hatch W. M. Davis Alfred J. Gunderson.	For what.	Amour
	1914.			
6216	Feb. 21	Jos. Breck & Sons, Corp	Laboratory apparatus	\$ 4 200
6217 6218 6219	do	University of Missouri	Live stock	200
0218	do	Hippin State Pefermetery	Laboratory apparatus	19
6218 6219 6220	do	Albert E. Wijestaman	Furniture	200 9 13 9 6
6221	do	Flanigan-Pearson Co	Printing	6
6221 6222 6223	do	Twin City Printing Co	Office supplies	
6223	do	C. G. Conn. Ltd.	Apparatus and repairs	36
6224	do	William Webb	Lectures	40
6224 6225 6226 6227	do	W. E. Prichard	do	25 10 25 18 8 235
6226	do	Miss Elizabeth Sprague	do	10
6227	do	Frank I. Mann	do	25
6228 6229		Cholden Prick Co	Traveling expenses	18
6230	do	Dillghung Flour Mills Co	Fooding stools	025
6230 6231	do	Alfred Gunderson	Traveling stock	235
6231 6232 6233	do	R S Prickett	do	14
6233	do	I A Drow	do	14
6234	do	O S Watkins	do	5 13
6235	do	John J. Stafford & Son	do	10
6236	do	Professor I. O. Baker	do	16
6237	do	Clapp-Eastham	Laboratory apparatus	16 84 15
6235 6236 6237 6238	Feb. 23	Charles H. Besly & Co	Laboratory supplies	15
6239	do	Underwood Typewriter Co	Office equipment	$\tilde{32}$
6239 6240	do	L. W. Faulkner	Laboratory apparatus.	32 8 3 3 3
6241	do	Twin City Roofing Co	Laboratory supplies	š
6242	do	John Wiley & Sons, Inc	Books	. 3
$6243 \\ 6244$	do	Tablet & Ticket Co	Office supplies	3
6244	do	Wayne Dinsmore, Secretary, Percheron		_
2247		Society of America	Registering	9 83
6245	do	Flanigan-Pearson Co	Printing	83
$6246 \\ 6247$	do	G. E. Amsbary Co	Laboratory supplies	Ī
0247		Chan Street Dhamman	Caleteria supplies	3
$6248 \\ 6249$	do	Tall Lymbor Co.	Laboratory supplies	3
6250		C.O. Torder	Field expense	17
6251	do	Poolslay Condy Co	Puilding stock	14
6252	do	F U Sargant & Co	Loboratory supplies	10
6253	do	Wastern Bank Note & Engraving Co	Printing	760
$\begin{array}{c} 6253 \\ 6254 \end{array}$	do	Crana Co	Laboratory supplies	36
6255	do	Ludlow Valve Mfg. Co	do	75
6256	do	J. T. Rverson & Son	do	ĭ
6257	do	W. W. Walls & Co	do	1 7
6256 6257 6258	do	Westinghouse Electric & Mfg. Co	do	5
6259	do	Albert E. Wuestman	do	5
$6260 \\ 6261$	do	Frederick Post Co	do	4
6261	do	Jas. H. Rice Co	Building supplies	1
6262	do	John D. Bangs & Co	Laboratory apparatus	2
6263	do	F. M. Leslie	Furniture	16
$6264 \\ 6265$	do	Indian Relining Co	Oil	2
6265	ao	The Linden Co	Building material	20
6266		Waller & Mullilan	Conoral gunnling	28
6969	do	MaIntoch Storooption Co	Leberatory apparetus	10
6267 6268 6269	do	Mahar & Grosh Cutlary Co	do	100
6270	do	Alfred Rehder	Prints	1 1
6270 6271 6272	do-	Miller Harness Co.	Stable blankets	1 33 33 177 17 400 366 755 5 5 4 1 1 2 2 20 28 2 2 48 8 2 2 3 6 6 6 6 6 6 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6272	do.	Henry A. Dreer, Inc	Seed supplies.	R
6273	do	The Lumiere Jougla Co	General supplies.	20
6274	do	Albert Pick & Co	Laboratory supplies	4
6274 6275 6276 6277	do	D. T. Dobbins	Feeding stock	3 3 10 58
6276	do	Mittendorf & Kiler	Building material	10
6277	do	Champaign Steam Laundry	Laundry	58
$6278 \\ 6279$	do	R. W. Braithwaite	Service	1
6279	do	Soft Water Laundry Co	Laundry	9
6280	do	Royal A. Stipes	Building repairs	29
6281	do	Underwood Typewriter Co	Omce equipment	32
6282 6283	ao	r. o. campoeii	Trinting	14
0283	ao	J. F. Wiley	Traveling expenses	2
6284	do	H. H. Eumunds	do	3
6285		Duramajar Pools Dindows	Dinding	1 9 29 32 14 2 3 23 4
6286	do	E Taits	A proretus reneira	4
6287 6288	oo	Honry F. Loglor	Locture and traveling avacuation	1 38
6288		The Letter Shop	Clarical assistance	300
6289	100	T II Cheekley	Traveling avnenges	6 15 18 7 15
6289 6290 6291	do	Mrs Frad Hatch	do	10
6292	do	W M Davis	Lahor	107
0202	do	Alfred I Gunderson	Traveling expenses	15
6293			LATER VILLE VALVIDOD	

No.	Date.	Ernst Hertzberg & Sons. Library of Congress. Central Union Telephone Co. Western Union Telegraph Co. Postal Telegraph Cable Co. Western Union Telegraph Co. Breeders' Gazette. D. T. Dobbins. E. H. Sargent & Co. Johnston Tin Foil & Metal Co. Derrough & Co. Machinists Supply Co. General Electric Co. A. L. A. Publishing Board D. H. Lloyde. Caldwell Electric Co. Tablet & Ticket Co. Osgood Co. Leavitt Mfg. Co. Weston Electrical Instrument Co. Paul O. Abbe. Taylor Hardware Co. Flaingan-Pearson Co. G. W Sheldon & Co. Pay roll. Schultze, S. George. Burmeister, W. H. Dreyer, G. P. Eycleshymer, A. C. Fantus, Bernard Gardner, Stella. Gehrman, Adolph Hakenson, Eric G Haskell, J. E. Jones, T. S. Lincoln, Mary C. Miller, E. G. Moore, J. J. Rupert, R. R. Small, J. C. (Student) Welker, W. H. Bartlett, Dr. Frank Kaiser Siegbahn, Nils. Gaffney, Carl O Davis, D. J. Falls, Frederick H Bake, L. E. Bernard, F. S. Collidge, E. D. Dittmar, Walter. Gallie, D. M. Hixson, Arthur Lee, H. C. Moorehead, F. B. Moon, Dr. V. H. Noyes, F. B. Schultz, Louis Starr, S. P. Atkinson, O. G. Brown, E. Fronk H Coffey, J. H Dale, Fred. Brown, E. F. Brown, E. J. Foroles, H. Coffey, J. H Dale, Fred. Brown, C. F. Brown, E. J. Broyles, W. H Coffey, J. H Dale, Fred. Brown, C. F. Brown, E. J. Broyles, J. H Dale, Fred. Brown, G. F. Brown, E. J. Broyles, J. H Dale, Fred. Brown, C. F. Brown, E. J. Broyles, J. H Dale, Fred. Brown, G. F. Brown, E. J. Broyles, J. H Dale, Fred. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Brown, G. F. Br	For what.	Amour
	1914.			
6294	Feb. 23	Ernst Hertzberg & Sons	Binding	\$ 302
6295 6296	do	Library of Congress	Photostatic supplies	300
6296	do	Central Union Telephone Co	Telephone service	29
6297	do	Western Union Telegraph Co	Telegrams	6
6298	do	Postal Telegraph Cable Co	do	2
6299	do	Western Union Telegraph Co	do	15
6300	do	Breeders' Gazette	Registers	5
6301	do	D. T. Dobbins	Feeding stock	. 3
6302	do	E. H. Sargent & Co.	General supplies	6
6303	do	Johnston Tin Foil & Metal Co	Laboratory supplies	6
6304	do	Derrough & Co	Furniture	ĭ
6305	40	Machinists Supply Co	Laboratory supplies	10
6306	do	Conoral Floatria Co	Apporatus ranaire	9
6207		A T A Dublishing Doord	Cotolog cords	8
6307	Esb	D. II. I londs	Cananal aumplica	9
6308	rep. 25	D. H. Lloyde	General supplies	1
6309	do	Caldwell Electric Co	ao	5
6310	do	Tablet & Ticket Co	Office supplies	. 2
6311	do	Osgood Co	Printing	56
6312	do	Leavitt Mfg. Co	Laboratory supplies	. 2
6313	do	Weston Electrical Instrument Co	Laboratory apparatus	25
6314	do	Paul O. Abbe	do	48
6315	do	Taylor Hardware Co	Laboratory supplies	200
6316	do	Flaingan-Pearson Co	Printing supplies	
6317	do	G. W. Sheldon & Co.	Furniture expesse	25
6318	Feb. 94	Pay roll	February, 1914.	11,520
0010	1 55. 24	Schultze, S. George	Salary, February 1014 & 25 00	11,020
		Rurmojetor W T	do 166 66	1
	1	Dravar G P	do 999 90	3
		Errolegherman A. C.	do 410 00	3
	1	Eycleshymer, A. C.	100 00	2)
		Fantus, Bernard	do 100 00	2
	1	Gardner, Stella	do 83 33	1
		Gehrman, Adolph	do 66 66	5
	ļ	Hakenson, Eric G	do	
		Haskell, J. E	do	)
	1	Jones, T. S.	do	il .
		Lincoln, Mary C	do	il .
		Miller E G	do 100 00	il .
	j	Moore T T	do 195 00	(I
		Demont D D	do 100 00	<u>:</u> 1
	i	Rupert, R. R.		3
		Small, J. C. (Student)		2)
	İ	Weiker, W. H.	do	
		Bartlett, Dr. Frank Kaiser	do 180 00	)
		Siegbahn, Nils	do	)
	[	Gaffney, Carl O	do 65 00	)
		Davis, D. J	do 416 66	5
	1	Falls, Frederick H	do 50 00	)
	1	Bake, L. E	do	3
		Bernard, F. S	do 40 00	5
		Collidge E D	do 83 35	á
	1	Dittmar, Walter	do 00 00	il
	1	Gallia D M	do 99 98	
	1	Hiveon Arthur	do 00 00	SI .
	1	Too Tr C	do 40 00	(
		McCurino T C	40 00	()
	1	McGulfe, J. C		!
	1	moorenead, F. B	ao 166 66	2
	1	Moon, Dr. V. H	ao 50 00	!
		Noyes, F. B	do 83 35	3
		Schultz, Louis	do 33 33	3(
	1	Starr, S. P	do 66 66	3
	1	Atkinson, O. G	Wages, February, 1914. 47 50	)
	1	Brown, C. F	do	)
		Brown, E. J.	do	)
		Broyles, W. H.	do	)
	1	Coffey, J. H.	do 50 00	il .
		Dala Frad	do so o	(I
		Engle Legronee	do 05 00	(
	1	Chabba Tilananaa II	25 00	
	1	Grappe, Florence H	ao	<u> </u>
		Ham, Raymond Hamm, Charles	do	2
	1	Hamm, Charles	do	)
	1	Hamlin, Clyde	do 60 00	)
	1	Hamlin, Hiram. Heath, William. Herbert, J. J.	do 50 00	)l
	l.	Heath, William	do	)
	ſ	Herbert I I	do	
	1	Tangan Gaorga	Wages March 2 1014 47 50	
		Torra Clifford D	Wages, March 3, 1914 . 47 50	(
	1	Jensen, George Love, Clifford B Lowery, Kathryn	do	!
		Lowery, Kathryn	Wages, March 2, 1914 50 00	2
	Į.	McQueen, H. D. Marshall, Samuel A.	. do	
	}	Marshall, Samuel A	do	0
			do	

No.	Date.	To whom.	For what.	Amou
	1914.			
6318	Feb. 24	Mink, J. D. Miller, W. W.	Wages, February, 1914. \$	50 00
Ctd.		Nesbit, Lawrence	do	75 00 50 00
	ł	Pergande Charles I	do	45 00
		Peterson, A. C. Proesel, William	do	47 50
	1	Proesel, William	do	50 00
	1	Shaffer, Guy	do	50 00 50 00
	[	Shipman, Cash	do	47 50
	l	Shipman, Cash Stivers, M. F	do	50 00
	i	Healan, Louise B. Klena, Joseph.	1 00	50 00 70 00
	Ì	Schultz Harry	· do	35 00
	j	Badel, Nathan	ao	50 00
	į	Tomek, Gertrude	do	60 00
		Josef, George Burns, James	do	50 00 38 35
	1	David, Simon	do	50 00
		George, Elia	do	50 00
		Kastanos, John	do	50 00
		Kolan, John	do	71 50 . 70 00
	1	Watson, Ethel Eva	do	50 00
		Kastanos, John Kelley, W. C. Kolan, John. Watson, Ethel Eva. Mirsa, Harry. Arneson, Mabel. Browne, W. H. Cole, H. W. Coles, B. D. Froberg, Eric. Hwasser, Anna Julia. Randall, Frank M. Southwell, James. Tomlinson, J. S.	do	50 00
		Arneson, Mabel	do	75.00 50 00
		Cole. H. W	do	00 00
	ļ	Coles, B. D	do	50 00
	ļ	Froberg, Eric	do	75 00
		Rendell Frenk M	do	50 00 50 00
		Southwell, James.	do	15 00
		Tomlinson, J. S	do 1	25 00
		Allen, Josephine	do	55 00
		David Eshoo	-do	30 00 50 00
		Loomis, Metta	do	75 00
		Gubbins, Maud	do	60 00
		Southwell, James Tomlinson, J. S. Allen, Josephine Bolan, Anna R. David, Eshoo Loomis, Metta Gubbins, Maud David, Paul David, Eshoo.	tombor-December,	50 00
		David Paul	1913	20 00 20 00
		Hiskov George M	Wages February 1014	45 00
				55 00
		Barto, Lucy M	do	20 00
		Conley M I	do	30 00 75 00
		Cook, Jesse	do	55 00
		Crawford, T. P	do {	50 00
		Harolle, Claude	do	40 00 83 33
		Jenkins, Elmer	do	30 001
		Kelley, J. R	do	57 50 35 00
		Argo, Koy Barto, Lucy M Chaplin, Ralph Conley, M. J Cook, Jesse. Crawford, T. P Harolle, Claude Hough, William Jenkins, Elmer Kelley, J. R. Meenach, Earl Morgan, J. E Patterson, Will Pergande, R. Pritchard, H Pritchard, H Rhoads, Hazel Rose, M. D Syprinkle, D. C Stoneburner, A. J Wilson, R. W Swearingen, Daisy O Anderson, J. C Clarke, Ethel Diekmon, T. W Enele Ralph	do	55 00
		Patterson Will	do	15 00 50 00
		Pergande, R.	do	50 00 95 00 70 00 50 00 52 50 50 00
		Pritchard, H	do	70 00
		Pritchard, R	do	30 00
i		Rose M. D	do	52 501
1		Sprinkle, D. C	do	50 00
		Stoneburner, A. J.	do	50 00
		W HSUH, K. W	do	50 00 55 00 50 00
- [		Anderson, J. C.	do	70 00
ŀ		Clarke, Ethel	do	35 00
ı		Diekmon, T. W	do	35 00
		Frank. W. T.	uo	30 00 14 93
1		Johns, W. E.	do	37 50
		Kircher, O. B.	do	39 20 50 00
-		Lee, W. H	do	50 00
1		Stoutzenberg, Florence	do	5 36 5 00
	ľ	Clarke, Ethel Diekmon, T. W Engle, Ralph Frank, W. L Johns, W. E Kircher, O. B Lee, W. H Smith, M. J Stoutzenberg, Florence. Warinner, C. W Andrews, J. B Ausen, Julius	do	1 00
l	.	Andrews, J. B.	do 5	00 00
- 1	-	Ausen, Junus	αο ξ	5 00

No.	Date.	To whom.	For what.	Amour
	1914.	Badger, C. J		
6318 Cld.	Feb. 24	Badger, C. J	Wages, February, 1914. \$ 40 00	
cia.		Behling Edwin	do	
	1	Bennett, W. T.	do	
	1	Blackburn, Fred	do	
		Bunch, Mamie	do	
		Burdick, I. F	do 75 00	
		Campbell, C. A	do	İ
	ĺ	Coto H A	do	
	İ	Chapman, C. C.	.do 100 00	
		Crouch, H. E.	do 115 00	]
	i	DeWerff, H. A.	do	
		Dunlap, B. H.	do	l
		Corror Forl	do	ĺ
	l	Gaist H F	do	İ
		Grantham, G. M	.do	
		Harry, W. L.	do 100 00	:
		Hunter, L. A.	do	
		Jensen, C. C.	do 55 00	
		Jones, Garrield	do	
		Lawson H C	do	
		Onimette, N. H	.do	
		Palsey, I	do	1
	1	Palfrey, J. R.	do 75 00	Į
	1	Pine, Fred	do	
		Reed, Alice	do 55 00	1
		Sims, Flora M.	do	1
		Stork R W	do	
	}	Torgerson, E. F	do	
	1	Tornquest, Andrew	do	il .
	1	Walters, Philip	do 75 00	) i
$6319 \\ 6320$	Feb. 25	C., C., C. & St. L. Ry	do	\$ 2 34
6320	do	Illinois Traction System	do	34
6321 6322 6323 6324	do	Wabash D. D.	do	31
6323	do	Illinois Central R R Co	do	152
6324	do	Neostyle Co.	Office supplies	5
6325 6326	do	Louis Melind Co	do	Ĭ
6325 6326 6327	do	Wm. Lewis & Son	Musical instrument	30
6327 6328	do	Universal Sales Co	Office supplies	1
6329 6330 6331	do	I W Butler Peper Co	Office cumplies	25
6329 6330	do	Western Carbon & Ribbon Co	do	4
6331	do	Keuffel & Esser Co. of New York	do	12
6332 6333 6334 6335	do	United States Blue Print Paper Co	do	9
6333	do	R. E. Hieronymous	Lectures	250
6225	do	William Sullivan	Rents	400
6336	do	G F Steeherf & Co	Boock apparatus	156
6337	do	Illinois State Reformatory	Printing	40
6338	ao			40
6339	do	The Letter Shop D. H. Lloyde The Burr Co. Powner's Book Store	Clerical assistance	. 4
6340 6341	do,	D. H. Lloyde	1200200	-
6341 6342	do	Powmer's Rock Store	Laboratory supplies. Books Office equipment	10
6340 6341 6342 6343	do	Bates Mfg. Co	Office equipment	1
5344	- do	Percival & Moorehead	Apparatus	
5344 6345 6346 6347	do	D. T. Dobbins	Feeding stock	
6346	do	C., C., C. & St. L. Ry. Co	Field expense	
6347	do	Weis Mfg. Co	. Office supplies	
6348 6349	do	S. O. Andrea	Traveling owners	. 91
6348 6349 6350	do	I W Butler Paper Co	Office supplies	17
6351	do	J. W. Butler Paper Co.	do.	21
6352	do	John H. Doyle	Laboratory apparatus.	
6353	do	Adams Express Co	Field expense	21 3 14
6354	do	The Bristol Co	Apparatus repair	. 23
6355	do	Tablet & Ticket Co	Office supplies	. 63
6356 6357	do	Eugene Dietzgen Co	Laboratory supplies	- 63
6357 6358	do	National Engraving Co	do	. 16
6359	do	The Burr Co Powner's Book Store Bates Mfg. Co. Percival & Moorehead. D. T. Dobbins C., C. & St. L. Ry. Co. Weis Mfg. Co. J. M. Lindgren S. O. Andros. J. W. Butler Paper Co. J. W. Butler Paper Co. J. W. Butler Paper Co. John H. Doyle. Adams Express Co. The Bristol Co. Tablet & Ticket Co. Eugene Dietzgen Co. Osgood Co. National Engraving Co. Carnegie Steel Co. Herman Bacharach Stromberg Electric Co. Elmer D. Smith & Co.	Books	"
6360	do	Herman Bacharach	Laboratory supplies	. 18
6361	do	Stromberg Electric Co	Office equipment	. 50
6362	1 40	Elmer D. Smith & Co.	.  Chrysanthemums	. 2

No.	Date.	To whom.	For what.	Amoun
	1914.	Henry Runtz Paper Box & Novelty Co. Library Bureau Taylor Hardware Co. Chas. A. Hall Hardware Co. The Burr Co. S. E. Huff & Co. Green Street Pharmacy Williams Brothers. Miller Harness Co. D. H. Loyde. J. Horace McFarland Co. Lindsey Reese H. G. May. Underwood Typewriter Co. Standard Cap & Seal Co. University of Wisconsin Shavings & Sawdust Co. American Multigraph Sales Co. Twin City Coal & Coke Co. Alexander Lumber Co. E. W. Sampson. Louis Ely & Co. D. H. Burrell & Co. Harry Cox. Chas. F. Witt Estate. Eimer & Amend. Eisner Grocery Co. Mills Novelty Co. Library of Congress. P. L. Windsor F. E. Rusher H. E. Codlin Barnhart Bros. The Burr Co. Ernst Hertzberg & Sons. Central Electric Co. D. H. Lloyde. Twin City Roofing Co. The Burr Co. Taylor Hardware Co. Eisner Grocery Co. Twin City Roofing Co. The Burr Co. Taylor Hardware Co. Eisner Grocery Co. Twin City Printing Co. The Bure Co. Taylor Hardware Co. Eisner Brocery Co. Wilsen-Maeulen Co. Dahn & Ollier Engraving Co. Wilsen-Maeulen Co. Marshall Field & Co. (Retail) Ernst Hertzberg & Sons J. F. Webster & Co. Metzler & Schafer Co. Samuel H. Ranck, Librarian Burke & James, Inc. R. C. Wagner & Son The Chas. A. Hall Hardware Co. E. S. Dodson, Florist Flanigan-Pearson Co. Illinois Traction System		
6363	Feb. 25	Henry Runtz Paper Box & Novelty Co	Laboratory supplies	\$ 7
6364	do	Library Bureau	Office supplies	49
6365		Chas A Hall Hardware Co	Conoral supplies	36
6366 6367	do	The Burr Co	do	19
6368	do	S E Huff & Co	Building renairs	14
6368 6369	do	Green Street Pharmacy	General supplies	5
6370	do	Williams Brothers.	do	5 2 11
6370 6371	do	Miller Harness Co.	Building repairs	11
3672 6373	do	D. H. Loyde	Office supplies	
6373	do	J. Horace McFarland Co	General supplies	62 30 6
6374 6375	ido	Lindsey Reese	Lecture	30
6375	do	H. G. May	Apparatus repairs	6
6376	do	Underwood Typewriter Co	Office equipment	32 (
6377	do	Standard Cap & Seal Co	Rents	4
6378 6379	ao	Showings & Sawdust Co	Fooding stook	73
6380	do	A mariaan Multigraph Salas Co	Office gupplies	(3)
6381	do	Twin City Cool & Coke Co	Conoral supplies	18 18 3
6382	do	Alexander Lumber Co	Building renairs	10
6383	do	E W Sampson	General supplies	1
6384	do	Louis Elv & Co	Building renairs	1 1
6385	do	D. H. Burrell & Co.	Farm machinery	37
6386	do	Harry Cox	do	. 37 15
6387	do	Chas. F. Witt Estate	do	2
6387 6388	do	Eimer & Amend	Laboratory supplies	2 5
6389	do	Eisner Grocery Co	Feeding stock	6 12
6390	do	Mills Novelty Co	Laboratory apparatus	12
6391	do	Library of Congress	Catalog cards	75 9
6392	do	P. L. Windsor	Traveling expenses	9 15
6393	do	F. E. Rusher.	do	15
6394	do	H. E. Codlin	Expense service	37
6395	do	Barnhart Bros	Laboratory apparatus	9
6396	do	The Burr Co	D1	24
6396 6397 6398	do	Ernst Hertzberg & Sons	BOOKS	15 37 9 24 3 129 18
6398	reb. 2	D. II. I lorde	Constraint Supplies	129
6399		Twin City Poofing Co	Poofing	19
6400	do	The Burr Co	Conoral supplies	5 12
6402	do	Toylor Hardwara Co	do.	12
6403	do	Eigner Grocery Co	Cafetaria supplies	8 65 105
6404	do	Twin City Printing Co	Printing	105
6405	.do	The Bauer Brothers Co	Machinery repairs	200
6406	do	F. B. Judge, Superintendent Timber	Postogo	1
6407	do	Charles H Resley	Laboratory supplies	
6408	do	Eugene Dietzgen Co	do	9
6409	do	Jahn & Ollier Engraving Co.	Printing	4 7 43 12
6410	do	Wilsen-Maeulen Co	Laboratory supplies	7
6410 6411	do	Marshall Field & Co. (Retail)	Furniture and fixtures	43
6412	do	Ernst Hertzberg & Sons	Books	12
6413	do	J. F. Webster & Co	Laboratory supplies	4 3
6414	do	Metzler & Schafer Co	do	4 3
6415	do	Samuel H. Ranck, Librarian	Laboratory apparatus	
6416	do	Burke & James, Inc	Office equipment	.2
6417 6418	do	R. C. Wagner & Son	Labor	50
6418	do	The Chas. A. Hall Hardware Co	Machinery repairs	. 4
6419	do	E. S. Dodson, Florist	Laboratory supplies	12
6420	do	rianigan-Pearson Co	Taken and material	10
6421 6422		Western Flootrie Co	Electric graphics	422
6423	do	Voughons Sood Store	Laboratory apparetus	2 50 4 2 15 422 48 4 25 35
6424	do	G Cramar Dry Plata Co	Canaral cumpliar	25
6425	do	E V Kirhy	Form machinery	35
6426	do	Albert Dickinson Co	General supplies	2
6427	do	Library Bureau	do	14
6428	do	Twin City Roofing Co	Tools	13
6429	do	Barnhart Bros.	do	13 4
6430	do	National Steam Specialty Co	Books. Laboratory suppliesdo Laboratory apparatus. Office equipment Labor Machinery repairs. Laboratory supplies. Printing. Labor and material Electric supplies. Laboratory apparatus. General supplies. Farm machinery. General supplies. do Tools. do Plumbing supplies. do Freight and express.	28
6431	do	Weil Brothers	do.	<b>1</b> 6
6432	Mar. 1	Wabash R. R. Co.	Freight and express	$\widetilde{\overset{1}{1}}_{\overset{1}{0}}$
6433	do	C., C., C. & St. L. Ry. Co. (Urbana)	do	42 207
6434	do	James B. Clow & Sons	Laboratory supplies	207
6435	do	C., C., C. & St. L. Ry. Co. (Champaign).	Freight	4
6435	do	W. F. Handschin	Traveling expenses	4 16
6436	ا مد ا	Fred L. Hatch	Lectures	15
6436 6437	[ao			
6436 6437 6438	do	O. S. Fisher	Traveling expenses	12
6436 6437 6438 6439 6440	do	R. C. Wagner & Son The Chas, A. Hall Hardware Co. E. S. Dodson, Florist Flanigan-Pearson Co. Illinois Traction System Western Electric Co. Vaughans Seed Store. G. Cramer Dry Plate Co. E. V. Kirby. Albert Dickinson Co. Library Bureau Twin City Roofing Co. Barnhart Bros. National Steam Specialty Co. Weil Brothers. Wabash R. R. Co. C, C, C. & St. L. Ry. Co. (Urbana) James B. Clow & Sons C, C, C. & St. L. Ry. Co. (Champaign). W. F. Handschin. Fred L. Hatch O. S. Fisher Alfred J. Gunderson. J. A. Drew.	Freight and expressdodoLaboratory suppliesFreightTraveling expensesLecturesTraveling expensesdodoLectures	12 22 15

No.	Date.	To whom.	For what.	Amount.
	1914.	J. B. Marshall. C. C. Logan. Geo. F. Tullock. T. G. Griffith. Arthur R. Seymour Pay roll. Conrad. Emma. Curry, Florence J. Hensel, Etta. Prewitt, Floyd E. Redman, Louise E. Redman, Louise E. Ross, R. M. Shue, Lizzie B. Seidenberg, N. C. Meenach, O. E. Pay roll. Samuels, T. W. Stevens, F. L. Vaughan's Seed Store P. S. Campbell. Percival & Moorehead. John H. Doyle. Fairbanks, Morse & Co. G. E. Stechert & Co. Merek & Co. Merek & Co. Merek & Co. Merek & Co. Merek & Co. Merek & Co. J. J. Gummersheimer.		
0 6441	Mar. 1	J. B. Marshall	Field expense	\$ 54 0
O 6442	do	C. C. Logan	Traveling expenses	15 35
O 6443	do	Geo. F. Tullock	Field expense	139 5
O 6444	do	T. G. Griffith	do	49 6
O 6445	do	Arthur R. Seymour	Traveling expenses	11 60
O 6446	Mar. 3	Pay roll	February, 1914	375 0
	Î	Conrad, Emma	Wages, February, 1914. \$ 35 00	l
	ł	Curry, Florence J	do 30 00	l
	1	Hensel, Etta	do	
	1	Prewitt, Floyd E	do	
	1	Redman, Louise E	do 60 00	
	!	Ross, R. M.	. do 80 00	
	1	Shue, Lizzie B	do40 00	l
	ì	Seidenberg, N. C.	do	l
0 0447		Meenach, O. E	do 10 00	
O 6447	do	Pay roll	A	373 3
	i .	Samuels, T. W	Salary, February, 1914. 40 00	
		Stevens, F. L	do	
O 6448	Mar. 4	Vaughan's Seed Store	General supplies	14 8
O 6449	ao	P. S. Campbell	Printing	3 7
O 6450	do	Percival & Moorehead	Farm machinery	2 0
0 6451	do	Toun H. Dolle	Building repairs	2 3
0 6452	ao	rairdanks, Morse & Co	Laboratory supplies	38 8
O 6453	ao	G. E. Stechert & Co	DOOKS	9 4
O 6454	ao	Merck & Co.	Laboratory supplies	7 6
O. 6455 O. 6456		ward's Natural Science Establishment.	Frining Farm machinery Building repairs Laboratory supplies Books Laboratory supplies Laboratory supplies Good Feeding stock Farm machinery Translations	7 9
O 6456 O 6457		F. Burnett  Henry Disston & Sons, Inc.  J. J. Gummersheimer  Bausch & Lomb Optical Co.  Henry A. Dreer, Inc.  John Wiley & Sons, Inc.  Snow Steam Pump Works  Metzler & Shafer Co.	r eeding stock	68 5
0 6457	qo	Henry Disston & Sons, Inc	Farm machinery	9 0
O 6458	do	J. J. Gummersheimer	Translations	16 0
O 6459	do	Bausen & Lomb Optical Co	Laboratory apparatus	6 2
O 6460	do	Henry A. Dreer, Inc	Horticulture supplies	2 2 4 8
O 6461	do	John Wiley & Sons, Inc	Books	4 8
O 6462	do	Snow Steam Pump Works	Laboratory supplies	4 5
O 6463	do	Metzler & Shafer Co	do	10
O 6464	do	S. E. Huff & Co	do	2 8
O 6465	do	D. Van Nostrand Co	Books	2 2 3 2
O 6466	do	Hektograph Mfg. & Duplicator Co	Office supplies	3 2
O 6467	do	S. E. Huff & Co. D. Van Nostrand Co. Hektograph Mig. & Duplicator Co. R. W. Braithwaite. Standard Calorimeter Co. Braun Corporation. Norman W. Henley Publishing Co. J. C. Thomas. B. A. Strauch. The University Press. Twin City Bindery & Blank Book Co. C. C. Short. McIntosh Stereopticon Co. National Engraving Co. W. Atlee Burpee & Co. Eisner Grocery Co. J. E. Hefter. Ebner Ice & Cold Storage Co.	Expert services	11 0
O 6468	do	Standard Calorimeter Co	Laboratory apparatus	157 5
O 6469	do	Braun Corporation	. do	83 1
O 6470	do	Norman W. Henley Publishing Co	Books	2 8
O 6471	do	J. C. Thomas	Laboratory supplies	1 7
O 6472	do	B. A. Strauch	Developing and printing	2 0
O 6473	do	The University Press	Printing	6 2
O 6474	do	Twin City Bindery & Blank Book Co	do	41 0
O 6475	do	C. C. Short	Horseshoeing	3 5
O 6476 O 6477	qo	Mcintosh Stereopticon Co	Apparatus	6 7
O 6477 O 6478	qo	National Engraving Co	Hautones	6 8
O 6479	do	W. Attee Burpee & Co	Seeds	10 2
O 6480	qo	Eisner Grocery Co	bags	2 8
O 6481		J. E. Helter	Appres	8 0
O 6482	do	Demostic Magazine Agency	Cychaorinaiona	19 0
O 6483		Whitell Meture Co	T ab anatomy sumplies	12 2
O 6484	do	J. E. Hetter Ebner Ice & Cold Storage Co. Bennett's Magazine Agency. Whitall-Tatum Co. W. D. Fairchild Champaign Bottling Works. Electric Appliance Co. Schermerhorn Brothers Co. Hoffman & Kropff Chemical Co.	Lantorn slides	3 0 33 6
O 6485	do	Champaign Rottling Works	Laboratory supplies	4 0
O 6486	do	Electric Appliance Co	do	11
0 6487	do	Scharmarharn Brothers Co	Tanitor's supplies	36 0
0 6488	do	Hoffman & Kronff Chamical Co	Lahoratory supplies	1 1
0 6489	do	Clann-Eastham Co	Condensers	10 0
6490	do	Clapp-Eastham Co. International Acheson Graphite Co. The Frederick Post Co.	Laboratory supplies	2 3
0 6491	do	The Frederick Post Co	Paner	19 9
0 6492	40	F D Lambert	Laboratory supplies	21 0
0 6493	do	Shaldon Briek & Building Supply Co	Briok	24 0
0493	do	Fig. 1. Cambert. Sheldon Brick & Building Supply Co Spencer Lens Co W. M. Davis. Eugene Dietzgen Co. Charles L. Mann.	Laboratory supplies	16 3
0 6495	40	W M Davie	Form machinery	25 0
0 6496	140	Eugana Diatzgan Co	Office cumplies	20 3
0 6497	140	Charles I. Mann	Ganarel cumplies	12 5
2 6400	do	Ing Igekson	Live stock	196 0
0498 0 6499	1do	H A Holliston	Traveling evnenges	62 9
6500	do	Ina Jackson H. A. Hollister James B. Clow & Son. Leavitt Mig. Co. Western Electric Co.	Laboratory cupplies	16 1
6501	uo	Lagvitt Mfg Co	Machina reneire	36 0
0 6502	uo	Wactern Electric Co	Electric cumplies	24 3
0 6503	do	Cantral Electric Co	do	27 6
0 6504	do	Central Electric Co	Coal	
0 6505	uo	Knowlton & Rannett	Glace	48 0 7 2 2 3
O 6506	uo	Knowlton & Bennett	Machina rangire	9 2
0 6507	do	McMaster-Carr Supply Co	Laboratory supplies	10 5
0507	do	Advance Packing & Supply Co	Machina rangire	6 2
	• • U • • • • •	Transmitted a committee or pubbility committees	macumo robana	r 0 4

No.	Date.	To whom.	For what.	Amoun
	1914.			
6509 6510		Geo. B. Carpenter & Co Charles Engelhard Jeffrey Mfg. Co American Radiator Co. Urbana Courier Co. Herbert W. Mumford Carroll J. Badger Fred J. Blackburn E. E. Hoskins Leroy Iler Miss Mary Egginton E. H. Sargent & Co Twin City Roofing Co D. H. Lloyde F. K. Robeson Alexander Lumber Co.	General supplies. Laboratory supplies. Laboratory apparatus. General supplies. Advertising Traveling expenses.	<b>\$</b> 75
6510	do	Charles Engelhard	Laboratory supplies	15
$\begin{array}{c} 6511 \\ 6512 \end{array}$	do	Jeffrey Mfg. Co	Laboratory apparatus	15 1
6512	do	American Radiator Co	General supplies	2
6514	do	Horbort W. Mumford	Traveling avnerges	22
$6514 \\ 6515$	do	Carroll I Radger	do	14
6516	do	Fred J. Blackburn	. do	20
6517	do	E. E. Hoskins	Field expense	28
6518	do	Leroy Iler	do	6
6519	do	Miss Mary Egginton	Rentals	185
6520	do	E. H. Sargent & Co	Laboratory apparatus	46
6521	do	Twin City Roofing Co	do	5
$6522 \\ 6523$	do	D. H. Lloyde	do	6
6524	do	Alaxandar Lumbar Co	deneral supplies	39
6525	do	Toylor Hordwara Co	do	8
$6525 \\ 6526$	do	The Letter Shop	Clerical assistance	12
6527	do	John H. Dovle.	General supplies	8
6528	do	Bacon Brothers	do	6
6529	do	J. Horace McFarland Co	Laboratory apparatus	93 12
6530	do	Champaign Seed Co	General supplies	12
6531	do	Vaughan's Seed Store	do	7
$6532 \\ 6533$	mar. 5	O. E. Staples, Bursar	General labor	515 501
6534	do	O. E. Staples, Dursar.	Evarges hills noid	90
6535	do	D. H. Lloyde. F. K. Robeson Alexander Lumber Co. Taylor Hardware Co. The Letter Shop John H. Doyle. Bacon Brothers. J. Horace McFarland Co. Champaign Seed Co Vaughan's Seed Store O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. The Surr Co. Twin City Roofing Co. J. Horace McFarland Co. Bennett's Magazine Agency. S. E. Huff & Co. Keuffel & Esser Co. of New York. John T. Quit. Bacon Brothers. Barnhart Brothers. The Burr Co. Reliable Plumbing & Heating Co. S. E. Huff & Co. Taylor Hardware Co. Percival & Moorehead Percival & Moorehead The Burr Co. B. A. Strauch.	General labor Student labor Student labor Express bills paid. do. Electrical supplies Machine repairs	69
6536	do	Western Electric Co	Electrical supplies	33
6537	.do	The Burr Co.	Machine repairs	21
6537 6538	do	Twin City Roofing Co	Roofing	2
6539 6540	do	J. Horace McFarland Co	Laboratory apparatus	371
6540	do	Bennett's Magazine Agency	Machine repairs Roofing. Laboratory apparatus Magazines. General supplies .do .do .do .do .do .do .glass General supplies Machine repairs Plumbing General supplies Building material General supplies	14
6541	do	S. E. Huff & Co	General supplies	20
6542	do	Keuffel & Esser Co. of New York	do	7
6543	do	John T. Quit	Class	6
6544 6545	do	Bacon Brothers	Conoral aumplies	6 7
6546	do	The Burr Co	Machine renairs	19
6547	-do	Reliable Plumbing & Heating Co	Plumbing	12 16
6548	do	S. E. Huff & Co.	General supplies	7
6549	do	Taylor Hardware Co	Building material	10
6550	do	Percival & Moorehead	General supplies	1
6551	Mar. 6	Percival & Moorehead	Building material	10 115
6552	do	The Burr Co.	Laboratory supplies and repairs	115
6553	do	B. A. Strauch	General supplies	4
6554	do	Twin City Printing Co	Office supplies	1
$\begin{array}{c} 6555 \\ 6556 \end{array}$	do	Tablet & Ticket Co	Laboratory apparatus	28
6557	do	Ernet Hartzharg & Sone	Rooks	28 1
6557 6558	do	Chester Transfer Co	Traveling expenses	7
6559	do	Reliable Plumbing & Heating Co	Electrical supplies	2
6560	do	Reliable Plumbing & Heating Co	Building repairs	7 2 48
6561	do	Percival & Moorehead. The Burr Co. B. A. Strauch Twin City Printing Co. Tablet & Ticket Co. E. H. Sargent & Co. Ernst Hertzberg & Sons. Chester Transfer Co. Reliable Plumbing & Heating Co. Reliable Plumbing & Heating Co. S. E. Huff & Co. John H. Doyle. Saddle & Shoe Horse Chronicle. Egypt Exploration Fund. Lundy's Lane Historical Society. Playground & Recreation Assn. John E. Scopes & Co. Blanke Mig. & Supply Co. J. E. Meharry J. J. Ausen. G. W. Beardsley. Nelson H. Oulmette. Stephen Rogers. Christ Hansen's Laboratory. Chas. A. Hall Hardware Co. Illinois State Reformatory. D. F. McFarland.	Building material. Laboratory supplies and repairs General suppliesdo. Laboratory apparatus. Books. Traveling expenses. Electrical supplies Building repairsdo. Laboratory apparatus. Books. Od. Laboratory apparatus. Booksdo Booksdo	15
6562	do	John H. Doyle	Laboratory apparatus	64
6563	do	Saddle & Shoe Horse Chronicle	Magazines	9
6564	do	Egypt Exploration Fund	Rooks	5
6565 6566	ao	Playeround & Perception Asset	do.	6 3
6567	do	Tohn E. Scones & Co.	do	1 46
6568	do	Blanke Mfg. & Supply Co.	General supplies	46 18
6569	do	J. E. Meharry.	BooksdododoStockTraveling expensesdododododododo	177
6570	do	J. J. Ausen	Traveling expenses	10 17 12
$\begin{array}{c} 6571 \\ 6572 \end{array}$	do	G. W. Beardsley	do	1 17
6572	do	Nelson H. Ouimette	do	12
6573	do	Stephen Rogers	Field expense	7
6574	do	Unrist Hansen's Laboratory	T about one and a service	3
6575 6576	do	Unas. A. Hall Hardware Co	. do Field expense. General supplies Laboratory apparatus. Printing Traveling expenses. do . Clerical assistance . General supplies	30
6577	do	D F McFarland	Traveling expenses	1
6578	do	Henry R Ward	do	8
6579	ldo	The Letter Shop	Clerical assistance	6 32 1 8 9
6580	ldo	Illinois State Reformatory.  D. F. McFarland.  Henry B. Ward.  The Letter Shop.  Indian Refining Co.  Metzler & Schafer Co.  D. T. Dobbins.  James B. Clow & Sons	General supplies	
6581	ldo	Metzler & Schafer Co	do	1
6582	do	D. T. Dobbins.	Feeding stock	7
6583	do	James B. Clow & Sons	General supplies	2
6584	do	Mografier & Schafer Co. D. T. Dobbins.  James B. Clow & Sons. John C. Moore Corporation. Champaign Ice Cream Co. W. G. Griffith. F. K. Robeson.	Feeding stock. General supplies. Office supplies. Condensed milk.	28
6585	do	Champaign Ice Cream Co.	Condensed milk.,	36
6586 6587	do	W. G. Griffith	CornGeneral supplies	36
6587	1do	JF. K. Robeson	.  General supplies	5

No.	Date.	To whom.	For what.	Amou
	1914.			
6588		Frison Brothers	Machine repairs	\$ 3
6589	do	The Buckeye Stamping Co		3
6590	do	Standard Öil Co. Chester Horseshoeing Shop Ennis Hay Co. Wm. Baragwanath & Son Denver Fire Clay Co. Sears, Roebuck & Co. James G. Biddle. Swartz Electric Shop. Bacon Brothers. French Battery & Carbon Co.	General supplies Field expense Feeding stock	6
6591	do	Chester Horseshoeing Shop	Field expense	34
$6592 \\ 6593$	do	Ennis Hay Co.	Feeding stock	647
6593	do	Wm. Baragwanath & Son	Laboratory apparatus	49
6594	do	Denver Fire Clay Co	Laboratory supplies	1
6595	qo	Sears, Roeduck & Co	T ab ana tanana ana ana ana ana ana ana ana	1
6596	ao	James G. Biddle	Laboratory apparatus	15
6597	ao	Swartz Electric Snop	Desil discovered by	3
$6598 \\ 6599$	ao	Enough Potters & Control Co	Flootrical material	21
6600	Mar. 7	Taylor Hardware Co.	Building motorial	3
6601		Taylor Hardware Co	Conoral standing	4
0001		Dha Cabaal Contumy	A description	11
6602	do	Dryin City Printing Co	Drinting	14
6603 6604		WILL Days	T actumes	60
6605		T E Westers	Lectures and traveling armanage	35
6605 6606	do	C P Price	Expent convice	42
6607		C. B. FIRE	Expert service	56
6607 6608	uo	T Polov	Traveling evnenges	4
6600	Jdo	M D Corlan	do do	12
6609	Jdo	Edwin Robling	do.	7
6610 6611	uu	Taylor Hardware Co. C. A. Denman The School Century Twin City Printing Co. W. H. Rowe J. E. Wooters C. B. Price C. G. Cox I. Paley M. R. Carlson Edwin Behling C. F. Goodman Ed. G. Howe, Jr. Frank Morgan C. C. Logan Geo. F. Tullock S. E. Huff & Co. H. E. Cunningham Alexander Lumber Co. A. A. Hinkley & Sons.	Traveling expenses and service	67
6612	uo	F C Howe Ir	do	19
6613	do	Frank Morgan	Field avnonge	7
6614	do	C C Logan	Traveling avnerge	17
6615	do	Goo F Tullook	Dantale	106
6616	do	S E Huff & Co	Conerol supplies	100
6617	do	H E Cunningham	Trovoling avnonges	6
6618	do	Alexander Lumber Co	Ruilding rangire	22
6619	do	Albert Diekingen Co	Conoral cumpling	63
6620	do	A A Hinkley & Song	do do	. 5
6621	do	The Frederick Post Co	Office supplies	6
6622	do	Rungalow Publishing Co	Printing	Ē
6623	do	A. A. Hinkley & Sons. The Frederick Post Co. Bungalow Publishing Co Gulick Tailoring Co. Williams Brothers.	Millz cuite	22
6624	do	Williams Brothers	Painting cumplies	8
6625	do	Farrar & Guinlan	Cafeteria cumplies	. 61
6626	do	B. A. Railton	Painting supplies. Cafeteria supplies do.	20
6627	do	Queen Table Novelty Importers & Originators	.	
	i _	inators	Furniture	3
6628	do	Caldwell Electric Co	do	5
6629	do	McIntosh Stereopticon Co	Laboratory apparatus	1
6630	do	Caldwell Electric Co. McIntosh Stereopticon Co. A. L. Randall Co.	Laboratory apparatus. Electrical supplies. General supplies. Laboratory supplies. Laundry.	_4
6631	do	Vaughan's Seed Store Bausch & Lomb Optical Co. Champaign Steam Laundry. Nagle Engine & Boiler Works.	General supplies	23
6632	do	Bausch & Lomb Optical Co	Laboratory supplies	29
6633	do	Champaign Steam Laundry	Laundry	55
6634	do	Nagle Engine & Boiler Works	Machine repairs	. 3
6635	do	Henry Fuermann & Sons	General supplies	13
0036	do	Nagle Engine & Boiler Works.  Henry Fuermann & Sons  J W. Butler Paper Co.  O. E. Staples, Bursar  Ernst Hertzberg & Sons  O. E. Staples, Bursar.  O. E. Staples, Bursar.  O. E. Staples, Bursar.  O. E. Staples, Bursar.  O. E. Stebert & Co.  Creamery Package Mfg. Co.  Eisner Grocery Co.  Hawshaw, Fuller & Goodwin Co.  Pay roll.  Brentlinger, Emmett P.  Corson, A. J.  Gordon, Morris D.  Lindsay, M. T.  Manley, Verna.  Pollard, Charles.  Sparks, Marion.  Foster, O. F.  Rachwalski, J.  Bentley, R. L.  Bernered J. C.	General supplies Office supplies	19
0637a	do	O. E. Staples, Bursar	General labor	140
0038a	ao	Liust Hertzberg & Sons	Binding.	83
0039	do	U. E. Staples, Bursar	Student labor	214
0040	ao	O. E. Staples, Bursar	Student labor Sundry bills paid Books Dairy supplies do not be a constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of t	25
004J	0	Creamony Books as Miss Co	Doing complies	3
6649	ao	Figner Crosser Co	Dan'y supplies	282 2
6644	ao	Howghors Euller & Conderin C	T ob orotour gamp lies	
6697	ao	Bor roll	Laboratory supplies. February, 1914. Wages, February, 1914. \$56 20 .do. 47 90	$\frac{4}{1,396}$
0097	mran. 6	Brantlinger Emmett D	Wages February 1014 272 20	1,090
		Coreon A T	wages, repruary, 1914. 356 20	
		Gordon Morris D	do	
- (		Tindson M C	28 30	
1		Manloy Vorne	do	
1		Pollord Charles	do	
		Sporks Marion	do	
		Fostor O F	do	
ļ		Pochwoldsi T	do	
1		Rontlov D T	do	
		Bentley, R. L. Bernard, L. C.	do	
- 1		Demaid, D. C	u U	
- 1		Booze, M. C.	1 4 10 10 10 10 10 10 10 10 10 10 10 10 10	
i		Brooks, Roland	10 40	
1		Daie, J. H	do	
		Danie Berei	do	
-		Davis, Kussel	do	
-		Dale, J. H. Danielson, R. R. Davis, Russel Durst, L. Hughes, C. A. Jones, W. R. Kelley, H. P.		
.		Hugnes, C. A.	do 14 25	
1	-	Jones, W. K	do	
		KRURY H P	do	

No.	Date.	To whom.	For what.	Amount
	1914.			
0 6637 Cld.	Mar. 6	Leggitt F W	Wages, February, 1914. \$ 32 10  do	
	ł	Lowe, Lucy Lundin, R. S.	do	
	1	Lundin, R. S.	do 15 80	
		McConnel, I. M McCuen, T. W McGhee, O. M Mattoon, E. W	do	
		McGhee, O. M.	do	
	1	Mattoon, E. W.	do	
		Martin, C. C. Miner, H. W. Mohr, Alba. Munson, John	do 11 40	
	}	Miner, H. W.	do 19 51	
		Muncon Tohn	do	
		Murfey, E. F.	do	
		Odell, Arthur	do	
	ļ	Paimer, C. S	10.00	
		Ping, C. E.	do 16 00	
	l .	Rehling, C. H. Reinhart, T. J.	do	
	l	People N T	do	
	.l	Reeves, N. T. Sanders, G. E.	.do	
		Schadt, Mabel	do	
	ł	Secor, E. C.	do	
	1	Schadt, Mabel Secor, E. C. Semple, Arthur	do 25 70	
	ł.	Semple, Arthur Skemp, S. C. Slater, M. E.	do 12 60	
	Ì	Skemp, S. C.	do	
	ł	Stater, M. E	do	
	l	Stone, T. C. Walduck, C. S.	do	
	1	Wright, Agnes	do	
		Zepperfeld, E. W	do	
6638	Mar. 11	Pay roll	February, 1914	\$10,635
	1	Arrington, C. E	Wages, February, 1914. 58 80	
	Ì	Atwell, M. W	do 58 59	
	1	Bailey, J. E.	do	
		Barnes, V. R.		
		Bevis, A. Brannigan, John.	do	
	<b>!</b>	Brown, Basil.	do	
	1	Brown, Harry		
	1	Bullock, D. M		
		Butler, Thomas	do 62 79	
	1	Ceduskey, John	do 75 90	
	1	Crathorné, F	do	
	l .	Cunningham, F.	do	
	}	Davis, Jos. Dibble, E. P.	do	
	}	Dwning, H.		
		Fay, T.J.		
		Fender, Louie	do 65 34	
	1	Fender, Fred	do 87 30	
	Ì	Fiscus, J. J.	do	
	ļ	Fogarty, F.	do	
	1	Fogarty, W	do	
	1	Freeman C V	do	
	ł	Freeman, C. Y. Goodspeed, W. S.	do	
		Graybeal, W. H.	do	
	Í	Hamlin, Sell	do 46 00	)
		Hanson, Saml	do 65 00	
	1	Hargan, E.	do	<u> </u>
	ł	Henderson, T. O.	do 103 36	
•		HIXON, W. G	do	
	Ì	Hutton Ross	do	
	l	Tryine Frank	do	
		Irvine, James	do 51 24	
	1	Handerson, T. O. Hixon, W. G. Hunt, Oscar L. Hutton, Ross. Irvine, Frank. Irvine, Frank. Irvine, James. Jones, Margaret. Unstyn F. W.	do	)
	Į.	Justus, E. W	do 108 00	) i
	1	Langhoff, A	do 75 07	7
	1	Langhoff, Fred	do	
		Lewis, E. C.	do	
		Litton, A. U.	do	
	1	Medilister A T	do	
	1	Jones, Margaret. Justus, E. W Langhoff, A. Langhoff, Fred. Lewis, E. C. Litton, A. C. Long, Thomas. McAllister, A. J. McClughen, Frances. McGulough, James. Magnuson, A. O. Mahorney, H. H.	do	
	1	McCulough, James.	do	
		Magnuson, A. O.	do	
	1	Maharnay H H	do	

No.	Date.	To whom.	For what.	Amou
	1914.	Meenach, O. E. Møyers, Jesse. Møneely, Dan Miller, C. M. Møneely, Dan Miller, C. M. Mørgan, J. E. Mørgan, Rebecca. Møran, A. Murphey, Ruthe. Newton, J. R. Nikolaus, Jacob. Perry, F. M. Purkins, J. F. Quinn, William Richards, Ed. Ryan, Mary E. Servis, A. Sinclair, C. R. Smith, W. J. Snyder, J. Snyder, J. Stateler, F. Tillotson, I. F. Toy, George. Turner, George. Warmbier, August Wharmby, Ed. Wilde, William Wilson, Frank Allen, O. W. Anderson, Isabelle Bagusin, A. C. P. Barden, H. E. Berringer, Harriet Beyer, Elizabeth Billman, Elliott Britton, F. E. Berown, John Brown, Kenneth Burke, Edmund Campbell, M. H. Cavette, Erle. Clements, O. R. Clover, C. W. Colbert, J. R. Colcord, F. M. Cummings, W. E. Dunn, Elizabeth English, H. M. Beschanzer, Lewis Foster, D. D. Foulke, C. C. Gage, J. H. Galpin, Stella. Gould, John Greison, H. P. Grigg, D. R. Halliday, Ruth Hallquist, Mrs. A. Harwood, S. D. Hill, C. F. Hinshaw, Amy Hitchcock, E. H. Horning, R. A. Hufford, C. T. Innagaki, Nole. Kelsen, Martha S. Leggitt, Frank		
6638	Mar. 11	Meenach, O. E	Wages, February, 1914. \$ 66 01	
Ctd.		Meyers, Jesse	do 56 12	31
		Meneely, Dan	do 52 44	l l
		Miller, C. M	do	5
		Morgan, J. E	do 10 00	)
		Morgan, Rebecca	do	)
		Moran, A	do	)(
		Murphey, Ruthe	do 58 00	
		Newton, J. R	do 45 60	
		Nikolaus, Jacob	do 58 80	
		Perry, F. M	do 55 66	3
	i	Purkins, J. F.	do 55 44	
	i	Quinn, William	do 11 55	
		Richards, Ed.	do	
		Rvan Mary E	do	il .
		Servis A	do	i)
		Sinclair C R	do	
		Smith W T	.do	31
		Snyder T	do	
	1	Stateler F	do	3
	1	Tillotson I F	.do	3
	1	Toy George	do	()
		Turner George	.do	
	1	Warmhier Angust	.do	il .
	1	Wharmhy Ed	.do	
	1	Wilde William	do	
		Wilson Fronk	do	
	i	Allon O W	do	
		Anderson Techelle	.do	()
		Pagasin A	.do	()
		Dagusiii, A	do 10 40	
		Barkman, C. P	do 16 40	?}
		Barden, H. E	do	21
	l	Berringer, Harriet	do3 60	)
		Beyer, Elizabeth	do	
		Billman, Elliott	do 13 80	)
		Britton, F. E	do 1 60	)
		Brooks, H. R.	do 10 20	)
	İ	Brown, John	do 9 00	)(
	l	Brown, Kenneth	do 28 00	2)
		Burke, Edmund	do 1 25	
	ĺ	Campbell, M. H	do	
		Cavette, Erle	do	
		Clements, O. R.	do	5
	{	Clements, O. R.	do	
	1	Clover, C. W	do 10 00	) i
		Colbert, J. R	do 15 20	
	l	Colcord, F. M	do 4 80	
		Cummings, W. E	do	
	1	Dunn, Elizabeth	do 6 20	)
	I	English, H. M.	do	)
		Eschanzer, Lewis	do	)
	l	Foster, D. D	do 11 00	)
	1	Foulke, C. C.	do 24 60	0
	1	Gage, J. H	do 5 00	)
	1	Galpin, Stella	do 8 00	)
	i	Gould, John	do 5 00	)
	1	Greison, H. P.	do	)
	1	Grigg, D. R.	do	)
	l	Halliday, Ruth	do	ol .
	1	Hallquist, Mrs. A.	11 80	ol l
	١ .	Harwood, S. D	do	5
	1	Hill, C. F	do	ol .
	l	Hinshaw, Amy	do	
	Į.	Hitchcock, E. W	do	ál
	1	Horning R. A	.do	il .
	l	Hufford C T	.do	íl .
	1	Inagaki Nola	.do	
	I	Wallan A P	.do	íl .
	l	Torgon Morths C	19 80	
	l	Inagaki, Nole Kelley, A. P Larson, Martha S Leggitt, Frank	do	()
	1	Loggitt, Frank	do	
	ŀ	Leighty, D. R.	do	
	1	Lerch, Edward	do	2
	1	Lewis, T. G	do	o¦
	ļ	Leighty, D. R. Lerch, Edward Lewis, T. G. Linder, Lewis. Lindsey, G. H. Linsley, C. M. Lindquist. H. J.	do 10 00	
	1	Lindsey, G. H	do	ol .
	}	Linsley, C. M	do	2
	t .	Tim downat TT T	do	n I

No.	Date.	To whom.	For what.	Amour
	1914.			-
6638	Mar. 11	McCabe, C. L	Wages, February, 1914. \$ 1 70	
Ctd.		MacIntýre. Katherine	do	
	İ	Magruder, Denton	do	
	1	Mann, Edith	do	
		Meltz, N	do	
	l '	Millizen, Edna.	do	
	1	Morrison, W. R.	do	
	l	Myare Madga	do 5.40	
	i	Nickolls, C. R	do	
	ŀ	Nixon, Ŕ. H	do 24 00	
	1	Noth, E. F	do	
	l	Osborne, Pauline	do 5 00	
		Paine, Olive	do	
		Price C P	do	
		Onestal R H	.do	
		Rannleye W C	do	
	1	Rigg. G. L	do	
	1	Romero, Newmann	do	
		Ropiequet, W. C	do 6 00	
		Rowe, James	do 10 71	.
	l	Rugg, E. U	do	
	1	Nickolis, C. R. Nixon, R. H. Noth, E. F. Osborne, Pauline. Paine, Olive. Peterson, R. W. Price, C. B. Questel, B. H. Rappleye, W. C. Rigg, G. L. Romero, Newmann Ropiequet, W. C. Rowe, James Rug, E. U. Salsbury, G. W. Shaffer, R. F. Silyer, M. G. Stearnis, C. G. Steernberg, Bert Stilwell, Helen.	do	
	1	Silver M C	do	
	!	Stearns C G	do	
		Sterenberg Rort	.do	
	ŀ	Stilwell, Helen	do	
		Stockfleth, B. Sutherland, G. F. Thurston, H. W. Troxler, I van Tuthill, J. K.	do	
	l	Sutherland, G. F.	do 7 12	
	l	Thurston, H. W	do 15 00	
	1	Troxler, Ivan	do 20 13	
		Tuthill, J. K.	do	
		VanNatter, F. M.	do 22 80	
		Wharlash E N	do	
		Wood II T	do	
		Disower M D	do	
		Fast. E. E	.do	
		Fitch, H. H.	do	
	i	Tuthill, J. K. VanNatter, F. M. Wham, Benjamin Wheelock, E. N. Wood, H. T. Disoway, M. D. Fast, E. E. Fitch, H. H. Howe, E. G. Jaquet, G. E. McFadden, E. C. Moffit, J. A. Romeiser, Edwin Aschermann, John Berchtold, H. A. Boyer, G. W. Brining, A. H. Bradford, Albert Broom, Eddie. Browning, J. E.	do 23 50	
		Jaquet, G. E	do 80 00	
		McFadden, E. C.	do	
		Momt, J. A.	do	
		A schormonn John	do	
	İ	Berchtold H A	do	
		Bover, G. W	do	
	ļ	Brining, A. H.	do	
		Bradford, Albert	do	
		Broom, Eddie	do 50 60	
		Browning, J. E.	do 56 00	
	1	Campben, Maude	100	
	1	Campbell, Matnew	0.0	
		Carson, Rolla A	do	
	l	Carrick, Oland Wm. Carothers, Cevilla.	do	
	l	Carothers, Cevilla. Cheever, J. W. Clifford, Harry Al. Collins, A. L. Colly, John. Davis, Edward Dean, J. S. Doll, J. B. Doyle, Bernard English, B, F Fabert, H. F. Fechtruph, Herman	do 48 00	
	ĺ	Clifford, Harry Al	do	
		Collins, A. L.	do 54 80	
	l	Colly, John	do 51 60	
	ŀ	Davis, Edward	do 51 60	
		Dean, J. S.	do 40 60	
		Douls J. B.	do	
		English B E	do 90 00	
		Fahert H F	do	
		Fechtruph Herman	do 61 60	
		Frenklin F. T	do	
		Franklin, F. T. Frazier, Mollie B.	.do	
		Gilley, Owen	.do	· ·
		Gliley, Owen. Glenn, Daniel Glenn, V. S. Harding, C. F Heinz, L. T Higgins, Harry. Hooker, W. A	do	l
		Glenn, V. S.	do 53 00	1
		Harding, C. F	do 100 00	
		Heinz, L. T.	do	
	1	Hooles W. A.	do 16 90	
	1	Trooper, W. A	do	
	l .	LILUUVEI, F. E	uv	1

No.	Date.	To whom.	For what.	Amou
	1914.	Johnson, C. C. Johnson, Sam. Jones, James E. Kliem, J. A. J. Langhoff, Wm Lewis, H. R. Livich, P. L. Long, J. F. Long, Ray. McDaniel, B. F. McFadden, W. J. MacMillion, Lee May, U. G. Meriweather, James Miller, J. H. Mock, Forrest. Moody, D. L. Moore, C. P. Peterson, Nick Porter, S. A. Reed, B. L. Roberts, M. F. Shriver, A. L. Simerl, M. A. Small, M. M. Sparks, Marion E. Speedie, A. C. Stearns, L. M. Stipes, Geo. Surbaugh, C. A. Thomson, H. L. Utterback, O. J. Vandeventer, J. H. Walters, P. T. Wascher, A. C. Welker, Clarence Wells, L. J. Wells, T. E. Wilson, Wesley Wright, Amos. A. H. Barber Creamery Supply Co. Mills Novelty Co. Vaughan's Seed Store Chicago Packing Co. John C. Winston Co. International Press Clipping Bureau. H. A. Winter Chris, C. Jensen. Alfred J. Gunderson Commercial Telephone & Telegraph Co. J. W. Folsom. Crosby Steam Gage & Valve Co.		
6638	Mar. 11	Johnson, C. C.	Wages, February, 1914. \$58 80	
Cld.	l	Johnson, Sam	1do	
		Jones, James E	33 60	ĺ
		Longhoff Wm	do 52 50	
		Lewis H. R.	do 29 00	Ì
	ľ	Livich, P. L.	do	
	l	Long, J. F.	do	1
		Long, Ray	do	1
	[	McDaniel, B. F	. do	
		McFadden, W. J	. do	
		MacMillion, Lee	do	
		May, U. G		l
		Millor T II	do 90 77	
		Mock Forrest	do 52.00	
	1	Moody D. L	do 43.80	ļ.
		Moore, C. P.	do50 80	
	İ	Peterson, Nick	do	1
	1	Porter, S. A.	do	
	1	Reed, B. L	do 50 00	
		Roberts, M. F	do 20 60	
	1	Shriver, A. L	do 57 75	١.
		Simerl, M. A	do	
		Small, M. M.	do	l
	1	Sparks, Marion E	ao	[
		Steerns T. M		
	1	Stines Goo	do 58 80	ł
		Surbanah C A	do 49 90	
		Thomson H I.	do 24 90	١.
		IIIttarback O I	do 50.80	
		Vandeventer I H	do 84 80	
		Walters P T	do 50 20	
		Wascher A. C	do 83 30	
		Welker, Clarence	do	1
		Wells, L. J.	do	
		Wells, T. E.	do	
		Wilson, Charlie	do	Ì
	1	Wilson, Wesley	do 84 80	1
·		Wright, Amos	do 84 40	
6645	Mar. 7	A. H. Barber Creamery Supply Co	Laboratory apparatus	\$ 7
6646	do	Mills Novelty Co	Drinking cups	17
6647	do	Vaughan's Seed Store	Laboratory apparatus	19
6648	do	Unicago Packing Co	Paging Supplies	58
6649 6650	do	International Bross Clinning Bureau	Bross alimnings	1
6651	do	The A Winter	L cotures	, 40
6652	do	Chris C Tonson	Traveling avnonces	4
6653	do	Alfred I Gunderson	då	30
6654	do	Alfred J. Gunderson. Commercial Telephone & Telegraph Co J. W. Folsom	Furniture	i
6655	do	J. W. Folsom	Traveling expenses	29
6656	do	Crosby Steam Gage & Valve Co	Machine repairs	8
6657				
6658	do	Albert E. Wuesteman. Browne-Morse Co.	Laboratory apparatus	ŧ
6659	do	Browne-Morse Co	Office equipment	7
6660	do	Albert E. Wuesteman Browne-Morse Co. Postal Telegraph Cable Co. Baker & Co. Herman Bacharach Link Belt Co. Frederick Post Co. Standard Oil Co.	Furniture	9
6661	do	Baker & Co	Laboratory supplies	8
6662	do	Herman Bacharach	Apparatus repairs	24
6663	do	Link Belt Co	Macnine repairs	
6664	do	rreuerick Post Co	General supplies	24
6665 6666	do	Standard Oil Co. Charles G. Willoughby	Oil	48 148
6667	ו ממ	Ansco Co	Laboratory apparatus	146
6668	do	I W Dunlan	Machina rangire	20
6669	do	J. W. Dunlap. White Line Steam Laundry. C. A. Kiler	Laundry	23
6670	do	C. A. Kilar	Office supplies	29
6671	do	H. V. Canter	Traveling expenses	19
6672	do	Beview Printing Stationery Co	Printing	1,359
6673	do	Review Printing Stationery Co	General supplies	1,000
6674	do	Shultz Seed Co. Creamery Package Mfg. Co.	Laboratory apparatus	23
6675	do	Chester Horseshoeing Shop	Horseshoeing	7
6676	do	Champaign Ice Cream Co	Dairy supplies	ا 5
6677	do	Olmsted Bothers	Horticulture supplies	12
6678	do	O. B. Kruth	Laboratory apparatus	7
6679	do	W. S. Perrine	Apple barrels	l 6
6680	do	W. S. Perrine. Nelson Bogue Batavia Nurseries	Nursery stock	29
6681	do	Twin City Creamery Co	Cafeteria supplies	32
6682	1 4 4	() A IZilon	Office equipment	2

1914. Mar. 7 .do .do	American Multigraph Sales Co. F. K. Robeson Chester Transfer Co. The Crane Co Library Bureau The Esterline Co. Rogers & Hall Co. Pay roll Baldwin, L. S. Brown, C. W. Buckler, C. W. Griffith, L. A. Haltom, Marie Hart, P. M. Miller, C. A. Mohlman, Harry Richardson, H. R. Voght, E. Williams, E. C. Brumley, C. A. Shipley, J. E. Sowers, A. L. Laying, T. E. Western Union Telegraph Co. Central Union Telegraph Co. Central Union Telegraph Co. Central Union Telegraph Co. McFadden & Bros Merck & Co. Engineering Magazine	0.00	
far. 7 .dododo	American Multigraph Sales Co		
.dodo		Omce equipment	\$ 3
.do	F. K. Robeson	General supplies	4 27
.do	Chester Transfer Co	Drayage	27
	The Crane Co	Laboratory supplies	8
40	The Esterline Co	T aboretory apparetus	10
.do	Pogers & Hell Co	Printing	16 309 548
.do	Pay roll	February 1914	549
	Baldwin, L. S.	Wages, February, 1914 \$59 60	010
	Brown, C. W	do	
	Buckler, C. W	do 24 61	
	Griffith, L. A.	do 34 50	
	Haltom, Marie	do 24 00	
	Hart, P. M.	do 4 80	
	Miller, C. A.	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
	Moniman, Harry	do 16 60	
	Woodt F	do 20 40	
1	Williams F C	do 5 40	ľ
	Brumley C A	do 48 00	
	Shipley, J. E	do	
	Sowers, A. L.	do	
	Laying, T. E.	do	
_	Weaver, M. C.	do 72 00	
Aar. 9	Western Union Telegraph Co	Telegrams	25 8
.do	Central Union Telephone Co	Telephone	
.do	Western Union Telegraph Co	Telegrams	14 1
.00	H. McFadden & Bros	Laboratory supplies	1
.do	Engineering Magazine	Advertising	5
do	E H Swigert	Piano funing	30
do	White Poultry Form	Cafeteria sunnlies	18
.do	Twin City Ice & Cold Storage Co.	Water	39 18 3
.do	Powers & Powers	Laboratory supplies	, š
.do	T. O. Henderson	Traveling expenses	ã
.do	H. A. Hollister	do	20 8
.do	C. M. Parker, School News	Advertising	8
Mar. 10	) <u>C.</u> , C., C. & St. L. Ry. Co	Freight	69
.do	Wabash R. R. Co	do	81
.do	Illinois Central R. R. Co		1 81
.00	Control Floatric Co	Floatrical cumplies	1 0
.uo	G C Willie	Laboratory supplies	69 81 81 1 34 30
do	The Tablet & Ticket Co	Office supplies	20
.do	W. Lewis & Co.	Laboratory supplies	14
.do	Bausch & Lomb Optical Co	General supplies	32 32 182 76
.do	James B. Clow & Sons	Laboratory supplies	(
.do	Metzler & Schafer Co	do	182
.do	Charles H. Besly & Co	do	
.do	G. Cramer Dry Plate Co	Photo supplies	1 76
.go	Sweet-wanach & Co	Laboratory apparatus	233 11
.do	Library Bureau	do	11
do	Indian Refining Co	General supplies	A
.do	John H. Doyle	Apparatus supplies	2.5
.do	U. of I. Supply Store	Office supplies	46 25 25
.do	Knowlton & Bennett	General supplies	- 6
.do	Bacon Brothers	Turpentine and varnish	57 20 38
.do	E. H. Sargent & Co	Apparatus and supplies	5
.do	Champaign Steam Laundry	Laundry	20
11 ar. 11	W. A. Kuth	Traveling expenses	38
.ao	Darmart Brothers	Printing material	9
.uo	The Burr Co	Machine renairs	19
do	D. H. Lloyde	Office supplies	95 12 2
.do	Twin City Roofing Co	General supplies	1 5
.do	Flanigan-Pearson Co.	Printing.	237
.do	S. E. Huff & Co	General supplies	
.do	Fred H. Rankin	Traveling expenses	147
.do	Mt. Hope Cemetery Assn	Rentals	147 30 93
.do	Pearl Adams	Labor	93
.do	University Club of Urbana and Cham-	Tueidantala	
	paign	Incidentals	2
	F. E. KUSDET	Expert service	34
.do	E. W. HICCHCOCK	Traveling avnances	17
.do		TISASIME GYDGH262****	1 15
.dodo	South Park Commissioners, Chicago	Freight	
.dododo	South Park Commissioners, Chicago Illinois Traction System	Freight	15
.do	) )	Mt. Hope Cemetery Assn. Pearl Adams. University Club of Urbana and Cham- paign. F. E. Rusher. E. W. Hitchcock South Park Commissioners, Chicago.	Western Union Telephone Co.   Telephone Co.   Western Union Telegraph Co.   Telephone Co.   Telegrams   H. McFadden & Bros   Laboratory supplies   Merck & Co   do   Engineering Magazine   Advertising   E. H. Swigert   Piano tuning   Cafeteria supplies   Twin City Ice & Cold Storage Co.   Water   Laboratory supplies   Twin City Ice & Cold Storage Co.   Water   Twin City Ice & Cold Storage Co.   Water   Laboratory supplies   T. O. Henderson   Traveling expenses   Traveling expenses   Traveling expenses   H. A. Hollister   do   do   do   do   do   do   do   d

No.	Date.	To whom.	For what.	Amour
	1914.			
0 6745	Mar. 11	E. Van Alstine Harrison Fahrnkopf	Traveling expenses	\$ 8
O 6746 O 6747	do	Harrison Fantakopi F. W. Garrett George W. Nogle J. C. Thorpe Charles McLean H. P. Rusk O. S. Watkins L. Meek Tannar	do	5 1
0 6748	do	George W Nogle	Field expense	5
6749	do	I. C. Thorne	Traveling expenses	6
6750	do	Charles McLean	Lectures	50
6751	do	H. P. Rusk	Traveling expenses	114
6752	do	O. S. Watkins	do	36
6753	do	O. S. Watkins J. Mack Tanner Tower Mig. & Novelty Co. Henry H. Shufeldt & Co. F. K. Robeson. Twin City Electric Co. F. J. Burns & Co. John D. Bragg. Edward S. Law. Ernst Hertzberg & Sons. F. K. Robeson.	. do Office supplies Laboratory supplies	6
6754	do	Tower Mfg. & Novelty Co	Office supplies	3
6755	do	Henry H. Shufeldt & Co	Laboratory supplies	112
6756 6757	do	F. K. Robeson.	do	172 6
6758	do	F I Burns & Co	.do	3
6759	do	John D Bragg	Office supplies	2
6760	do	Edward S Law	Office supplies Laboratory supplies Binding	8
6761	.do	Ernst Hertzberg & Sons	Binding	ĭ
6762	do	F. K. Robeson		9
6763	do	Creamery Package Mfg. Co	Laboratory supplies	1
6764	. do		Laboratory suppliesLaboratory apparatus	1
6765	do	Beardsley Hotel Co	Traveling expenses	1
6766	do	C. R. Richards	0.00	10
6767	do	Ghampaign Daily Co	do	15
6768 6769	do	C. R. Richards. Galena-Signal Oil Co. Champaign Daily Gazette. Meyer & Wenthe. Herrick & Stoltey. Western Valve Co. Spring Handle Co. Eisner Grocery Co. Jonathan Bartley Crucible Co. Defender Photo Supply Co. Sears, Roebuck & Co. Ansco Co.	Incidentals	3 2
6769 6770	do	Harrick & Stoltov	Apparatus	5
6771	do	Western Valve Co	Plumbing supplies	36
6772	do	Spring Handle Co	Apparatus Plumbing supplies Janitor's supplies Salt Laboratory supplies	22
6773	do	Eisner Grocery Co	Salt	2
6774	do	Jonathan Bartley Crucible Co	Laboratory supplies	4
6775	do	Defender Photo Supply Co	General suppliesdo	7
6776	do	Sears, Roebuck & Co	do	3
6777	do	Anscó Co	do	6
6778	do	Carbondale Printing Co	Printing	130
6779	do	John H. Doyle	Printing Laboratory suppliesdo	11
6780	do	Bacon Brothers	Duintin a	3
6781	do	John H. Doyle.  Bacon Brothers. Twin City Printing Co.	Fooding stock	4
6782	do	F. W. Duitell	- 00 Printing Feeding stock Expert service Feeding stock General supplies Press climings	46
6783	do	Roy V. Edwards	Feeding stock	57
6785	do	Strauch Kodak Finishing Shop	General supplies	9
6786	do	International Press Clipping Bureau	Press clippings	5
6787	do	E. H. Sargent & Co	Press clippings. Laboratory supplies.	3
6788	do	W. Atlee Burpee & Co	General supplies	1
6789	do	Lloyd Manical	Feeding stock General supplies	76
6790	do	Nathan R. Graves	General supplies	2
6791	do	F. M. Leslie	Furniture	6
6792	do	A. M. & L. A. Terwilliger	General supplies	4
6793 6794	do	John Heffernan & Son The Holliday Box Co.	Laboratory apparatus Office supplies	149
6795	do	The Crane Co.	Laboratory apparatus.	148
6796	do		Laboratory supplies	8
	do	National Engraving Co.	Printing	ì
6797 6798	do	International Harvester Co	Machine repairs	1
6799	do	Natural Phosphate Co. Crosby Steam Gage & Valve Co.	General suppliesLaboratory supplies	310
6800	do	Crosby Steam Gage & Valve Co	Laboratory supplies	1
6801	do	Wm. Sellers & Co., John B. Bennett	Apparatus	148
6802 6803	do	John B. Bennett	General labor	29
	do	Cambria Steel Co	Books.	19
6804 6805	do	Crossley Machine Co. Foley Mig. Co. Ernst Hertzberg & Sons. Chicago Fire Proof Storage Warehouse	Building renairs	27
6806	de	Ernst Hertzberg & Sons	Books	2
6807	do	Chicago Fire Proof Storage Warehouse	Incidentals	4
6808	do	Beardsley Hotel Co	do	1 4
6809	do	Remington Typewriter Co	Office equipment	2
6810	do	Central Scientific Co	Laboratory apparatus	2
6811	do	Borden's Condensed Milk Co	Laboratory supplies	4
6812	do	Goodnart's Laundry	Launary	51
6813	do	Mallory & Mitchell	Advertising	1 49
6814	do	Forlo P Moth	Traveling expenses	43 25
6815		A brong & Schroiner	General sunnlies	25
6816 6817	ao	W H Haithahmar	Building materials	1
6818	do	Truax. Greene & Co	Laboratory supplies	
6819	do	Chicago Daily News Co	Advertising	1 1
6820	do	Morrison, Plummer & Co	Laboratory supplies.	19
6821	do	Chicago Fire Proof Storage Warehouse Beardsley Hotel Co. Remington Typewriter Co. Central Scientific Co. Borden's Condensed Milk Co. Goodhart's Laundry. Huntley Dairy Co. Mallory & Mitchell. Earle B. Math. Ahrens & Schreiner. W. H. Heitbohmer. Truax, Greene & Co. Chicago Daily News Co. Morrison, Plummer & Co. Library of Congress. Pay roll. Alexander, Lilla.	General supplies	300
6822	Mar. 13	Pay roll	March, 1914	9, 150
	1	I A James of Sam T 511a	ISolory Morch 1014 \$65.00	ii .

## ${\tt OPERATION,\; MAINTENANCE\; AND\; EQUIPMENT\; VOUCHERS-\it Continued.}$

No.	Date.	Alley, W. E. Amos, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Bowen, Evalena Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred. Buckler, Helen I. Burt, Ruth. Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cumningham, H. E. Custer, Emma L. Dalton, C. E. Durfey, Franc A. Emigh, Edith. Feind, Frances. Feldkamp, Amelia. Fleg, Robert. Foss, Margaret C. Fraser, Viola. Gage, Marjorie H. Gallaher, Marion B. Garawood, Frances. Gootz, Antoinette. Good, Elizabeth. Gordon, Marie A. Griffith, Mabel. Halliday, Mable. Hamilton, Mrs. Alice V. Havens, Charles. Hay, N. Heater, Myrtle E. Houchens, Josie B. Hull, A. H. Humrichouse, Katie L. Kirwin, Nora Knapp, Aurella. Knorr, L. E. Lahr, Lawrence Lamb, Allie B. Lee, A. R. Lettz, Louise A. Love, Mary E. Luther, Cornelia M. McGone, C. M. McGenee, Hester Elizabeth McGoun, C. M. McGenee, Hester Elizabeth McGount, C. F. Morrow, J. A Murphy, Moris. Needham, Lucile. Nyberg, Florence A. Oberdorf, H. D. Packler, Myttle Post, Frederick Postlewait Harriet L. Pottler, Mable Post, Prederick Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Postlewait Harriet L. Pottler, Mable Rigs, Bess.	For what.	Amour
	1914.			
6822	Mar. 13	Alley, W. E.	Salary, March, 1914 \$ 85 00	
Ctd.		Amos, Winifred L	1do	
		Rever Melinde T.	do 75 00	
		Blackwell, Marv	.do	
		Boice, L. A.	do 125 00	
		Bowen, Evalena	do	
		Broadhurst, Tabitha J	do	
		Bryan Sarah E	do 70 00	
		Buckles, Wildred	.do	
	1	Buckler, Helen I	do 60 00	}
	l .	Burt, Ruth	do	
	l	Crowford C C	do	
		Cover Hazel	do 60 00	
		Cunningham, H. E	.do	
		Custer, Emma L	do 75 00	
		Dalton, C. E	do	
		Duriey, Franc A	do	
		Faind Frances	do 80 00	
	1	Feldkamp, Amelia	do	
		Fieg, Robert	do	}
		Foss, Margaret C	do 50 00	1
		Fraser, Viola	do	
		Gallaher Marion R	do 50 00	
	I	Garwood, Frances.	do	
	l	Goetz, Antoinette	do 70 00	
	l	Good, Elizabeth	do 50 00	1
		Gordon, Marie A	do	
	Į.	Halliday Mable	do 60 00	
		Hamilton, Mrs. Alice V	-do	1
	į.	Havens, Charles.	do 120 00	
		<u>H</u> ay, N´	do 166 66	
	1	Heater, Myrtle E	do 60 00	1
		Houchens, Josie B	do 85 00	İ
	1	Humrichouse, Katie L	-do	
	1	Kirwin, Nora	do	
	1	Knapp, Aurella	do 75 00	
		Knorr, L. E	do 150 00	
	l	Lanr, Lawrence	do 55 00	
	ļ	Lee. A. R.	do 91 66	
	l	Leitz, Louise A.	do	
	1	Love, Mary E	do 65 00	
	ļ	Luther, Cornelia M.	do 40 00	
	i	McCohn, C. M	do 40.00	
		McGurty Agnes	do 83 33	
	İ	McIntire, W. A.	do	1
		Manspeaker, L. Mae	do 83 33	
	i	Meneley, Maude E	do 60 00	ĺ
	1	Merchant, Donna	do 65 00	
		Millar Mary	do 70 00	ł
		Miller, C. F	.do	
		Morey, Lloyd	do 125 00	
		Morrow, J. A.	do 166 66	
		Murpny, Morris	do 110 00	١.
		Nyberg Florence A	do 50 00	
		Oberdorfer, H. D.	do	ĺ
		Packard, Bessie	do 75 00	
		Peel, Elizabeth C	do 75 00	
		Pholog Vorgil V	150 00	
		Post. Frederick	do	
		Postlewait Harriet L	do	
		Potter, Mabel	do 75 00	Ļ
		Pulling, Elizabeth	do	
		Putnam, Persis	ao	
		Renz. Myrtle	_do	
		Ricketts, Clara	do	
	1	Riggs, Bess	do	l

No.	Date.	To whom.	For what.	Amount
	1914.			
0 6822		Robertson, Nellie	Salary, March, 1914 \$ 70 00	
Cld.	١.	Rogers, Délla M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shepard, Anna L Showers, T. J Slater, Sara M Smith, Florence E Smith, I. M Smith, Mayme L Staples, O E States, Bertha G Stevens, Sabra Steitz, Alfred	do 40 00	ļ
	1	Scanian, Mary	do	
		Shaw Hazel V	.do	
		Shepard, Anna L	do	
		Showers, T. J.	do	l
	į	Slater, Sara M	do 60 00	1
		Smith, Florence E	do 75 00	l
	l	Smith, I. M	do 125 00	
	ł	Smith, Mayme L	do 65 00	
		Staples, U. E	do	ŀ
		Stavens Sahra	do	ľ
	l	Steitz Alfred	.do	İ
		Steitz, Alfred Stricklan, Freda O Thompson, M. E Towne, L. J. Tuttle, G. B	.do	1
	1	Thompson, M. E	do 90 00	1
	l	Towne, L. J.	do 175 00	l
	İ	Tuttle, G. P. Tyrrell, Josephine	do 100 00	
		Tyrrell, Josephine	do50 00	ľ
,	1	Vaubel, D	do 60 00	)
•		Voight, Lida E	do	l
	l	Winchester B T	do	ł
	1	Voight, Lida E. White, Loretta. Winchester, B. L. Wyninger, H. T. Jester, Marie.	do	[
		Tastar Maria	do	1
	l	Johnson, J. J.	_do50 00	
	İ	Johnson, J. J. McMullen, Jennie B.	do	
	1	Hart, Eliza Ellis, E. R Exton, Edna M Flattery, Amanda	do	
	1	Ellis, E. R.	do 50 00	ì
	1	Exton, Edna M	do	
	1	Flattery, Amanda	do 60 00	)
	1	Katz, Louise W. Leonard, Russell Lonius, J. O. Magruder, Ira W.	do	
	1	Leonard, Russell	do	
		Lonius, J. O	do 90 00	l
	1	Magruder, Ira W	do	1
		Paid Olivo G	do 50 00	
		Ressler Milton	do 80 00	1
	l	Vanderbeek, H. J.	do	
		Wright, G. E.	do	1
6823	do	Pay roll	March, 1914	\$ 63 4
	i	Berchtold, H. A	Wages, March 1911, 1914 15 00	
	[	Doyle, B.	do	ſ
		Hooker, W. A.	10 12	
2004	3.	Welker, C	Moreh 1014	100 1
6824	do	Disoway M D	do 16 12	109 1
		Fast E E	do 37 74	
		Fitch H H	- do	ł
		McFadden, E. C.	do 9 67	
		Jaquet, G. E.	do	
6825	do	Pay roll	March, 1914	76,771 8
		Filbey, E. J	Salary, March, 1914 183 33	1
	l	James, Edmund J	do1,000 00	1
		Frazer, George E		
	l	Figure F F (Student)	do 50 00	]
	l	Warned A D	do 150 00	ł
		Strong Lillian	do 50 00	
	l	Carrithers, I. R.	do	l
		Fargo, R. N.	do 120 00	
		Gill. H. L.	do	
	l	Huff, G. A	do	}
	<b>!</b>	Jones, R. R.	do 120 00	
		Manley, E. J	do 90 00	l .
	1	Pengilly, H. E	do 10 00	·
	1	Lonius, J. O Magruder, Ira W Paulus, William H Reid, Olive G Ressler, Milton Vanderbeek, H. J Wright, G. E Pay roll. Berchtold, H. A Doyle, B. Hooker, W. A Welker, C. Pay roll. Disoway, M. D Fast, E. E. Fitch, H. H McFadden, E. C. Jaquet, G. E Pay roll. Filbey, E. J James, Edmund J Frazer, George E Fair, Sue M Fiero, E. E. (Student) Warnock, A. R Strong, Lillian Carrithers, I. R Fargo, R. N Gill, H. L. Huff, G. A. Jones, R. R Manley, E. J Jones, R. R Manley, E. J Pengilly, H. E Brooks, Verna Gaut, Rosa Lee Hitt, Agnes	do 90 00	
	1	Titt Amag	do	
	l	Hughitt Anna T	do	1
,	1	Landee Marion C	do	
	ľ	Moulton Gartruda F	do	l
	l	Shoemaker Dorothy-Ruth	.do	i
	1	Webster, F. D.	_do48 00	1 '
	1	Howes, H. E. (Student)	.do	
		Brooks, Verna Gaut, Rosa Lee Hitt, Agnes Hughitt, Anna L Landee, Marion C Moulton, Gertrude E Shoemaker, Dorothy-Ruth Webster, F. D Howes, H. E. (Student) Westcott, C. H. (Student) Prouty, E. C. (Student) Berry, E. H. (Student)	do	
	1	Prouty, E. C. (Student)	do 20 00	
	I	Berry E H (Student)	do	

No.	Date.	To whom.	For what.	Amou
	1914.			
6825	Mar. 13	Ousley, H. P. (Student)	Salary, March, 1914 \$ 20 00	}
Ctd.	ļ	Velzy, C. R. Giehler, F. J.	20 00 20 00	
	1	Rich, P. C.	20 00	
		Hollister, H. A.	do	
		Aron D. Ctudent)	do	
		Ayer, T. P. (Student) Bollman, Minnie J. (Student)	.do	
	l	Branch, Nelle E. (Student)	.do	
	1			
	1			
	l			
		Drury, F. K. W.	do	
		Dunlap, Fannie (Student)	do	1
		Drury, F. K. W. Dunlap, Fannie (Student). Eppinger, J. G. (Student).	do	
		r eisenmai, Eimma	1	
		Fontaine, E. O. (Student)	do 36 00	
		Gibson, Mable H. (Student)	do	
		Goulding, P. S	do 166 66	
	1	Herdman, Margaret	do	
		Hubbard, Marie E. (Student)	do	
		Hutchins, Margaret	do	
		Tohnson Alico	1 4 99 99	
		Jutton, Emma R.	do	
		Karsten, Eleanor G	do	
		Jutton, Emma R. Karsten, Eleanor G. Leatherman, Marian. Mitchell, Marguerite (Student). Patton, Adah.	do	
	1	Mitchell, Marguerite (Student)	do	
	i	Patton, Adah	do 91 66	
	1	Renich, Katharine L. (Student) Torrance, Mary	do	
		Torrance, Mary	do 75 00	
	l .	Troy, Mary Z. (Student)	do 65 00	
	i	Windsor, P. L.	do	
		Wyeth, Ola M	do	
	1	Eldredge, A. G.	do	
		Reliey, R. L. (Student)	do	
		White T M	do250 00	
		Davennort Eugene	.do	
		Powell B E	do	
		Hieronymus, R. E	do	
		Checkley, J. H.	do	
		Evans, Augusta D	do 83 33	
		Jamison, A. W	do 166 66	
		Miller, W. P	do	
		Nolan, A. W	do 200 00	
		Rankin, F. H.	do	
		Allyn, Orr	do	
		Aumer, J. P	do	1
		Dungen A M	do	
		Clayangar C R	do	
	1	Dickinson R. W	do	
		Ellis, O. I	do	
		Fahrnkopf, H. F. T	do	
		Garrett, F. W.	do	
		Gentle, G. E.	do	l
		Gilkerson, H. C	do 70 00	1
		Heck, A. F	do 70 00	
	1	Holt, S. V	do 150 00	
	1	Hoskins, E. E.	do	
		Leignty, W. R.	do	
	1	Gooks W. H	do 150 00	
	1	Schoonover W P		
	1	Snider H I	do 70 00	
		Van Alstine E D	do	
		Walworth, E. H	do	
	1	Wascher, F. M. W.	100 00	
	I	Wheeler, H. C	do	
		Fatton, Adan. Renich, Katharine L. (Student). Torrance, Mary. Trory, Mary Z. (Student). Windsor, P. L. Wyeth, Ola M. Eldredge, A. G. Kelley, R. L. (Student). Rice, G. B. White, J. M. Davenport, Eugene. Powell, B. E. Hieronymus, R. E. Checkley, J. H. Evans, Augusta D. Jamison, A. W. Miller, W. P. Nolan, A. W. Rankin, F. H. Allyn, Orr. Aumer, J. P. Binding, L. R. Brunson, A. M. Clevenger, C. B. Dickinson, R. W. Ellis, O. I. Fahrnkopf, H. F. T. Garrett, F. W. Gentle, G. E. Gilkerson, H. C. Heck, A. F. Hott, S. V. Hoskins, E. E. Leighty, W. R. Logan, C. C. Sachs, W. H. Schoonover, W. R. Snider, H. J. Van Alstine, E. D. Washer, F. M. W. Wheeler, H. C. Hall, L. D.	do	
		Perry, Leonora	do	ıl
		Wells, J. R.	do	
	1	Clark, E. M	do	ıl.
	1	Harding, H. A	do	d .
	1	Pearson, F. A.	do 91 66	
	1	Wascher, F. M. W Wheeler, H. C Hall, L. D Perry, Leonora. Wells, J. R. Clark, E. M. Harding, H. A Pearson, F. A. Weeter, Harry M. Bailey, E. W. Blair, J. C.	do	
		Balley, E. W	do	
	1	Biair, J. C	do 416 66	1

No.	Date.	To whom.	For what.	Amoun
	1914.			
6825	Mar. 13	Gunderson, A. J. Harper, Julia A. Hutchinson, James. Muncie, F. W. Peltier, G. L. Ress, C. C. Ruth, W. A. Sayre, C. B. Bevier, Isabel. Crigler, Nina B. Fleming, Georgia.	Salary, March, 1914 \$100 00	1
Ctd.	1	Harper, Julia A	do	ľ
	ĺ	Muncia E W		1
		Poltior G T.	do 83 33	
	1	Ress. C. C	do 41 66	
	1	Ruth, W. A.	do	
	}	Sayré, C. B	do 70 00	ı)
		Bevier, Isabel	do 250 00	ol .
	1	Crigler, Nina B	do	
	1	Fleming, Georgia. Goldthwaite, Nellie. Gray, Cora E	do	
		Goldtnwaite, Neille	do	1
	1	Harrison Florence	do	
		Harrison, Florence. Parsons, Maud. Pincomb, Helena M.	do	
		Pincomh Halana M	do	
		Seymour Lurene	do	
		Stevens, Grace E	do	ĺ
	1	Seymour, Lurene. Stevens, Grace E Wheeler, Ruth.	do 141 66	sl.
	1	Richards, C. R	do 479 16	5
		Ash, Percy	do 208 33	
	1	Burton, S. C.	do	
		Commission A. D. M.	do	
	1	Cowley F V	do	
	1	February, F. A. Winifred	do	3
		Wheeler, Ruth. Richards, C. R. Ash, Percy. Burton, S. C. Clark, C. R. Corrubia, A. B. M. Cowley, F. K. Fehrenkamp, Winifred. Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Provine, L. H. Ricker, N. C. Titcomb, W. C. Wells, N. A. Math, Earle R.	do	()
	1	Jones, R. T.	do	
	1	Kellogg, J. M.	do	
		Kimball, A. H.	do 150 00	
		Provine, L. H.	do 291 66	<b>5</b>
		Ricker, N. C.	do	
		Titcomb, W. C.	.do	
		Wells, N. A.	do	
		Math, Earle R	do	
		Rober T.	do	3)
		Rowling R T.	do	
		Davis R E	120 00	
	[	Garver, N. B	do	
		McDaniel, A. B	do	
	l	Mills, Guy G.	do 90 00	
		Parcel, J. I	do 208 33	3
	l	Pickels, G. W	do 150 00	
	1	Raynor, W. H	do 130 00	
		Smith, J. E.	do	!
		Wilson W M	do	
		Biegler P S	do	
		Brooks, Morgan	do	
		Titcomb, W. C. Wells, N. A. Math, Earle R. Muchlman, Ralph E. Baker, I. O. Bowling, B. L. Davis, R. E. Garver, N. B. McDaniel, A. B. Mills, Guy G. Parcel, J. I. Pickels, G. W. Raynor, W. H. Smith, J. E. Wiley, C. C. Wilson, W. M. Biegler, P. S. Brooks, Morgan Bryant, J. M. Frisk, I. W. James, L. V. Knight, A. R. Paine, E. B. Waldo, E. H. Moore, Charles R. Beach, Robin Crane, Rufus. Jordan, H. H. Miller, H. W. Nelson', W. S. Porter, F. M. Rugg, H. O. Steward, R. K. Benedict, B. W. Domonske, A. B. Duncan, J. M. Eames, H. S. Gross, G. A.	do	3
		Fisk, I. W	do	3
		James, L. V	do 133 33	
	1	Knight, A. R.	do	
		Paine, E. B	do	
		Waite, E. H	do	
		Beach Robin	do	
		Crane, Rufus	do	
		Jordan, H. H.	do	
	1	Miller, H. W	do	
	1	Nelson, W. S.	do	)
	1	Porter, F. M.	do 125 00	
		Rugg, H. O.	150 00	
	1	Steward, R. K.	do 141 66	
	1	Dent I A	do	
	1	Domonska A B	do	
		Duncan I M	do	
		Eames, H. S.	do	
		Gross, G. A	do	
	1	Frisk, J. A.	do	šl
		Godeke, H. F.	do	ol .
	1	Goodenough, G. A.	do	31
	1	Harding, L. A	do	3
		Kennedy, R. E	. do 150 00	ol .
	1	Domónske, A. B. Duncan, J. M. Eames, H. S. Gross, G. A. Frisk, J. A. Godeke, H. F. Goodenough, G. A. Harding, L. A. Kennedy, R. E. Lanham, E. T. Leutwiler, O. A. Pendleton, J. C.	. do 120 00	0
		Leutwiler, O. A.	. do	
	1	renaieton, J. C	. do 100 0	וט

No.	Date.	To whom.	For what.	Amoui
	1914.			
6825	Mar. 13	Radebaugh, G. H	Salary, March, 1914 \$110 00	)
Ctd.	Į.	Radman, P. J. Scroggin, D. L. Torrance, F. C. Waterfall, H. W. Willard, A. C. Holbrock, E. A. Stock, H. H.	do	N .
	1	Scroggin, D. L		1
		Torrance, F. C.	do 110 00 do 130 00	)
		Waterfall, H. W	do 130 00	1
		Willard, A. C	do 200 00	1
		Holbrook, E. A	do	1
		Stock, H. H.	1do	
		Young, L. E. Babbitt, H. E. Boomsliter, G. P. Enger, M. L.	do	
		Roomelitor G P	. do	
		Enger M I.	187 50	1
		Ensign N E	do	
		Fleming, V. R	-do 150 00	
		Gardner, Harry	do	d .
		Gonnerman, H. F	do 150 00	ı
		Noerenberg, C. E	do 170 00 do 170 00 do 416 66	l
		Seely, F. B.	do 170 00	ł
		Talbot, A. N	do 416 66	1
		Vallance, Alexander	do 140 00	1
		Blair, W. H	do 50 00 do 416 66	
		Carman, A. P	do	}
		Varror Schootion	do	l
		Kning C T	do	
		Kunz Jacoh	do	1
		Boomsliter, G. P. Enger, M. L. Ensign, N. E. Fleming, V. R. Gardner, Harry. Gonnerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Blair, W. H. Carman, A. P. Jones, L. T. Karrer, Sebastian. Knipp, C. T. Kunz, Jacob. Nathanson, J. B. Schulz, W. F. Randolph, O. A. Shook, G. A. Shook, G. A. Smith, O. H. Watson, F. R. Warner, E. H. Warner, E. H.	do	1
:		Schulz W F	do 183 33	'
		Randolph, O. A.	do	
		Shook, G. A	do 120 00	
		Smith, O. H.	do 95 00	
		Watson, F. R	do 229 16	i .
	ĺ	Warner, E. H	do. 80 00 do 141 66	
		Williams, E. H	do 141 66	
		Hayes, J. B	do	1
		Buck, A. M.	do 150 00	
		Comstock, A. F	do 166 66	
		Schmidt, E. C.	do	
		A brama D. A	.do	Į.
		Chittandan A W	do	
		Dunn H. H	do	
		Keller, R. B	do166_66	
		Kratz, A. P.	do	j
		McFarland, D. F.	do 166 66	1
		Moore, H. F	do 229 16 do 150 00	
		Slater, W. A	do 150 00	
		Vedder, J. N	do 133 33	
		Yensen, T. D	do 133 33	
		Andros, S. O.	do	
		Croon Frederick	do. 291 66 do 291 66	l
		Tolo W C	do 291 00	1
		Harkar O A	do. 291 66 do. 416 66	
		Pomerov J. N	do	l
		Vernier, C. G	do	
		Cassidy, H. M. (Student)	.do	1
		Pillsbury, W. H.	.do 200 00	l
		Little, Ř. F	do	1
		Andrews, O. M	do 83 33	
		Babcock, K. C	do	1
		Meyer, G. H.	do	
		Waddell, Mary L	do	
	,	Faller C.E	do	
		Lake F T	do	i
		Watmore Mory M	do	l
		Rond I I D	do	}
		Reed. F. W	do	ł
		Stebbins, Joel	do	1
	,	Burton, L. V	do	1
		Newell, C. R.	do	[
	İ	Rahn, Otto.	.do	
		Brigham, R. O.	do	
		Hague, Stella M.	do 60 00do	i
		Smith, O. H Watson, F. R Warner, E. H Williams, E. H Hayes, J. B Buck, A. M. Comstock, A. F Schmidt, E. C. Snodgrass, J. M. Abrams, D. A Chittenden, A. K Dunn, H. H Keller, R. B Kratz, A. P MoFarland, D. F Moore, H. F Slater, W. A Vedder, J. N Yensen, T. D Andros, S. O. Decker, E. H Green, Frederick Hale, W. G Harker, O. A Pomeroy, J. N Vernier, C. G Cassidy, H. M. (Student) Pillsbury, W. H Little, R. F Andrews, O. M Babcock, K. C Meyer, G. H Waddell, Mary L Bradbury, C. E Kelley, C. F Lake, E. J Wetmore, Mary M Bond, J. J. D Reed, F. W Stebbins, Joel Burton, L. V Newell, C. R Rahn, Otto. Brigham, R. O Hague, Stella M Hottes, C. F Lamkey, E. M. R LeCato, J. M RCDougall, W. B LeCato, J. M McDougall, W. B	do	1
		Lamkey, E. M. R.	do	1
		LeCato, J. M	do	
		McDougall, W. B	do 120 00	

0.	Date.	To whom.	For what.	Amoun
	1914.	Parr, Rosalie M. Scherfee, S. H. Stevens, F. L. Trelease, William Waggoner, H. D. Whitten, J. H. Hursh, R. K. Radeliffe, B. S. Rand, C. C. Stull, R. T. Williams, A. E. Anders, P. Adams, W. C. Allen, C. H. Baker, R. E. Balke, C. W. Ball, T. R. Bates, S. J. Beal, C. D. Braley, S. A. Broderson, H. C. Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander. Darrah, Juanita E. Derick, C. G. Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kamm, Oliver Kremmers, H. C. Lewis, H. F. MacArthur, C. G. MacInnes, D. A. Manuel, W. A. Marquis, S. D. Nelson, R. A. Noyes, W. A. Parr, S. W. Parris, W. Scholl, Clarence. Sears, G. W. Sievert, C. W. J. Sims, C. E. Skinner, G. S. Smith, G. M. Smith, L. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert Tippett, R. W. Valentine, H. D. VanZoeren, G. J. Welsen, H. G. Welsen, H. G. W. Welen, H. C. P. Wellen, H. C. Welsen, H. C. Lyman, L. T. Barton, H. J. Canter, H. V. Moss, C. M. Oldiather, W. A. Peese, A. S. Bogart, E. L. Chase, W. A.		
825	Mar. 13	Parr, Rosalie M	Salary, March, 1914 \$ 80 00	)[
td.	Į.	Scherfee, S. H	do	2]
	1	Stevens, F. L	do	
	l	Trelease, William	do	
	1	Waggoner, H. D	do	
		Williamsh D. 77	do 60 00 150 00	3
	l	Padeliffo B S	.do	
	ł -	Pand C C	do	
		Stull B T	do	
	1	Williams A E	do125_00	31
		Anders P	do	
	l	Adams, W. C.	do	
		Allen, C. H	do 50 00	
	l	Baker, R. E	do	) i
	1	Balke, C. W	do 250 00	
	l	Ball, T. R	do 60 00	
		Bates, S. J	do 100 00	
	1	Beal, G. D	do 140 00	
		Braley, S. A	do 30 00	
	1	Broderson, H. J	120 00	
	l .	Carter, H. M.	do	
	i	Clark W.A.	do	
		Clark, K. A.	do	
	1	Dorrob Tuenite F	do	
	i	Darran, Juanua E	do	
	I	Eckstein C H	.do	
		Engle E W	do50 00	
		Englis D T	do	
		Foster, L. F	do	
	1	Gilmore, R. E.	do	
		Hecker, C. H.	do	
	i	Hess, R. W.	do	
	ļ	Honovski, B. R.	do 80 00	
	l	Hopkins, B. S.	do 140 00	
	1	Janson, J. M	do 10 00	)
	I	Kamm, Oliver	do 60 00	
	l	Kremmers, H. C	do 30 00	
		Lewis, H. F	do	
	l	MacArthur, C. G	do	
	i	Macinnes, D. A	do	
	1	Manuel, W. A	do	
	l	Marquis, S. D	do	
	l	Nove W A	do	
		Down C W	do	3
		Procil Anton	do	
		Pand T W	do60 00	
	l	Rich P C	do	
	1	Ruby, G. B.		
	I	Scholl, Clarence	do	
	1	Sears, G. W	do	
	1	Sievert, C. W. J.	do	
	1	Sims, C. E.	do	)
	1	Skinner, G. S	do	)
	i	Smith, G. M	do 166 66	
	l	Smith, L. D	do 100 00	
	1	Snook, J. D	do 10 00	
	l	Straw, W. A	do 10 00	)
	1	Taylor, E. H	do	!
	]	Taylor, S. C.	do	(
	1	Thorp, Lambert	do	(
	ł	Volentine H.D.	do	
	1	Van Zaaran C T	do	()
		Woodburn F W	do	(
	Ì	Wahar H C P	do	íl
	ł .	Wailand H T	do	íl .
	1	Wichers Edward	do	
	1	Wildman E A	do	()
	ł	Lyman, L. T.	do	íl
		Barton H. I.	do	3
	l	Canter H V	do	il
	l	Moss, C. M	do	il
		Oldfather, W. A	do	j
	1	Pease, A. S.	.do. 250 00	)
	l	Bogart, E. L	.do	3
	1 '	Chara W A	do	1

No.	Date.	To whom.	For what:	Amou
	1914.			
6825	Mar. 13		Salary, March, 1914 \$250 0	5
Ctd.		Litman, Simon Prickett, A. L.	do 208 33	
		Robinson M H	do 250 00	
		Samuels, T. W	.do	
		Prickett, A. L. Robinson, M. H. Samuels, T. W. Scoville, H. T. Stewart, C. L. Thompson, C. M. Thompson, J. G. Weston, N. A. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnson, C. H. Miller, W. S. Alden, R. M.	do	)
		Stewart, C. L	do	
		Thompson, C. M	do 180 00	
		Thompson, J. G		
		Anderson T. F	.do	
		Bagley, W. C	.do	
	İ	Coffman, L. D	do	
	l	Hallquest, A. L	do50 00	
	1	Harlan, C. L.	do	2
		Johnson, C. H.	do	
		Alden R M	_do375 00	
	ł	Alden, R. M. Baldwin, E. C. Boyer, C. V. Buchen, W. A. Clark, T. A.	.do	
		Boyer, C. V.	do 140 00	)
	1	Buchen, W. A.	do 150 00	
		Clark, T. A	do	
	ļ	Oreek, H. D	1	
		Dixon, R. E.	.do	
		Dodge, D. K	do	3
,		Fulton, Edward	do	
		Goodwin, T. G	do 100 00	
		Guild, T. H.	do	
		Harbarger Sada A		
		Jones. E. S.	do120 00	
	}	Jones, H. S. V	do 183 33	3
	l .	Jordan, J. C.	do 100 00	2
		Kelso, Ruth	do	
		Loomis P S	do	
	1	McJohnston, Harrison	.do	śl.
		Paul, H. G.	do	3
	l	Rinaker, Clarissa	do 110 00	)
		Sarett, L. R.	100 00	2
		Scott R W	do	
		Sherman, S. P.	do	
	1	Stanley, T. B	do	) .
		Sutcliffe, E. G	do 100 00	
		Whicher C F	do	
		Woolbert C H	do166 66	
		Zeitlin, Jacob	do	
		Folsom, J. W	do 208 33	
		Curi, M. J. Dixon, R. E. Dodge, D. K. Fulton, Edward. Goodwin, T. G. Guild, T. H. Gwinn, Alta. Harbarger, Sada A. Jones, E. S. Jones, H. S. V. Jordan, J. C. Kelso, Ruth. Kyle, Martha J. Loomis, R. S. McJohnston, Harrison Paul, H. G. Rinaker, Clarissa. Sarett, L. R. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Tieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob Folsom, J. W. Forbes, S. A. Glasgow, Dr. Robert D. MacGillivray, A. D. Peterson, Alvah. Bayley, W. S. Fleener, F. L. Heittkamp, G. W. Rich, J. L. Rolfe, C. W. Ross, C. S. Savage, T. E. Thompson, David. Barto, P. S. Brooks, N. C. Flom, G. T. Goebel, Julius.	do	
		MacGillinger A D	do 120 00	
		Peterson Alvah	do	
		Bayley, W. S.	do	
		Fleener, F. L.	do	)
		Heitkamp, G. W	do	
		Rolfo C W	do 150 00	
		Ross C S	do	
		Savage, T. E	do	
		Thompson, David	do	
		Barto, P. S.	do 100 00	
		Brooks, N. C. Flom, G. T.	do	İ
		Goebel Julius	do	
		Goebel, Julius Green, Alexander	do	
		Heid, F. E	do	
		Koller, A. H	do 130 00	
		Lessing, O. E. Poor, C. M.	do	
		Spindler, G. W	do	]
		Williams, C. A	do 150 00	
		Zucker, A. E.	do	
		Zucker, A. E. Alvord, C. W. Brush, Elizabeth P.	do 145 83	
		Brush, Elizabeth P.	do	
		Buck, S. J. Cole, A. C.	do	1
		Outo, 41. O		1

## ${\tt OPERATION,\; MAINTENANCE\; AND\; EQUIPMENT\; VOUCHERS-Continued.}$

No.	Date.	To whom.	For what.	Amour
	1914.	:		
6825	Mar. 13	Duncalf, Frederick	Salary, March, 1914 \$208 33	
Ctd.		Greene, E. B.	do	
	l	Larson, L. M.	do	
		Lybyer, A. H	do	
		Borger, R. L.	.do	
	1	Burns, Josephine E	do	
	ļ	Chittenden, E. W	do 120 00	
		Crathorne, A. R	do 166 66	
	1	Denton, W. W	do 140 00	
		Emch, Arnold	do	
		Hebbert, C. M		
		Lytla E B	140 00 150 00	
	1	Miller, G. A	do	
		Rietz, H. L.	do	
		Rowland, S. A.	do 75 00	
	1	Rutledge, George	do 60 00	
		Shaw, J. B	. do	i
	1	Sisam, C. H.	do 183 33	1
	i	Lybyer, A. H. Robertson, W. S. Borger, R. L. Burns, Josephine E. Chittenden, E. W. Crathorne, A. R. Denton, W. W. Emch, Arnold Hebbert, C. M. Kempner, A. J. Lytle, E. B. Miller, G. A. Rietz, H. L. Rowland, S. A. Rutledge, George. Shaw, J. B. Sisam, C. H. Smith, G. W. Stouffer, E. B. Townsend, E. J.	do	
	]	Townsond F I	.do	
	1	Wahlin, G. E.	do	
	1	Stouffer, E. B. Townsend, E. J. Wahlin, G. E. Zeis, H. C. Beard, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Geyer, D. L. Shepherd, Queen L. Dodd. W. F.	do	
	1	Beard, J. H.	. do	
	1	Burge, W. E.	do 183 33	
	1	Neill, Alma J	do	(
		Bode, B. H.	do	1
	1	Daniels, A. H	do	1
		Shophord Owen T	do	
		Dodd W F	do	
		Garner I W	do	
	l	Dodd, W. F. Garner, J. W. Hanford, A. C.	do	
	ł	Mathews, J. M	do	
		Storev. Russell M	100 00	
	(	Bentley, Madison	do	l
	l	Ruckmich, C. A	do	
	ŀ	Sutherland, A. H. Vance, T. J.	do 150 00	
		Allen, Louis.	do	
	i	Beck, J. B.	do	
	}	Carnahan, D. H.	do	
		Carry Charles	110.00	
	1	Eppels, Joseph	do 90 00	
	}	FitzGeraid, J. D., Il	225 00	
		Moore, O. H.	do	
		Oliver, T. E.	do	
	1	Shulters, J. R. Seymour, A. R.	do	
	1	Turner. L. M	150 00	
		Wesenberg, T. G.	do	1
		Wesenberg, T. G. Hayes, E. C. Todd, A. J.	do	
		Todd, A. J.	do 141 66	
		Adams, C. C. Chenoweth, H. E.	do 137 50	
		Chenoweth, H. E.	do	1
		Cobb, Margaret V. Faust, E. C. Green, Bessie R. Hansson, F. B. (Student). Helmburger, H. V. Johnson, Gertrude Kingsley, J. S. Linkins, R. H. May, H. G. Smith, Frank Stunkard, H. W. VanCleave, H. J.	do	
		Green Ressie P	do	
		Hanson, F. B. (Student)	do	
		Heimburger, H. V.	do	
		Johnson, Gertrude	do	
	l i	Kingsley, J. S	do	
	!	Linkins, R. H	do 60 00	
!		May, H. G	do	
		Smith, Frank	do 250 00	
		Sunkara, H. W	do	1
		VanCleave, H. J	do	
	.	Walls Grace E	do	ĺ
		Zeleny Charles	do	1
		Kinley, David	do	
		Wright, A. B.	do	1
		Austin, Louise	do	1
		Stinkard, H. W. VanCleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles. Kinley, David. Wright, A. B. Austin, Louise. Bayley, Paul. Blaney, Lillian. Brandner, A. R. Browne, Lois A.	do	
		Blaney, Lillian	do 25 00	ĺ
		Brandner, A. R	do	
		Browne, Lois A	do 25 00	1

No.	Date.	To whom.	For what.	Amour
	1914.			
016825		Clark, Helen	Salary, March, 1914 \$ 25 00	)
Ctd.		Coultas, Lois M. Cushing, Helen I.	do	9
	ĺ	Dewey, Ida B	do25_00	
		Fisher T. N	.do	
		Fisher, L. N. Garman, Philip	do	
		Haskett, Aloa A	do	
		Heck A ()	.t do 25.00	
		Ingels, Nelle L	1do 25 00	
	l	Ingels, Nelle L Kile, Jessie J Knight, C. K Knoche, Viola E		
		Knoche Viola E	do	
	i	Lamb, B. F.	do	
	1	Lantz, C. W.	do	
	1	Lawrence, Matthew	do 25 00	
		Lincoln, Warren	do 25 00	
		McKenna, E. L.	do	
	1	Mathews, Howard	do	
		Miles, Lois M	do	
	1	Pasmore D F	do	
	1	Parker, Karr.	do	
	]	Partridge, N. L	do	
	l	Paulson, P. A	do 25 00	
	1	Ray, S. H		
		Reeves, H. P		
		Showbart W A	do	
	l	Siebens, Thekla M	do	
		Stevens, W. E.	do	
	1	Stokes, C. N	do	)
	1	Sullivan, W. W	do 25 00	
	1	Theilen, Margaret K	do	
		Thoreen, Edna A	do	
		Wilher A S	do	
		Wilson W H	do	í)
		Wolf. H. C.	do	
	Į.	Wolfe, W. S	do	
		Brown, R. W	do 35 00	
	l	Carroll, W. E	do	
	1	Clark, F. E.	do	
	l	Cort W W	do	
		Farwell S. P	do	
	ĺ	Fracker, S. B.	do	
	1	Gittins, Elizabeth M	do 30 00	)
		Gutberlet, J. E	do	
		Harder, O. E.	do	
		Heuse, E. O	do	
		Kile, Jessie J Knight, C K Knoche, Viola E Lamb, B. F Lantz, C. W Lawrence, Matthew Lincoln, Warren McKenna, E. L. Mathews, Howard Milles, Lois M Miller, Jessie F Parker, Karr Partridge, N. L Paulson, P. A Ray, S. H Reeves, H. P Schinnerer, O. P Schewhart, W. A Siebens, Thekla M Stevens, W. E Stokes, C. N Sullivan, W Theilen, Margaret K Thoreen, Edna A Thorne, Mabel E Wilber, A. S Wilson, W. H Wolf, H. C Wolfe, W. S. Brown, R. W Carroll, W. E Clark, F. E Clorel, J. L Cort, W. W Farwell, S. P Fracker, S. B Gittins, Elizabeth M Gutberlet, J. E Howard, J. W Johnson, Morris Kircher, E. A. T Lehenbauer, P. A MacGarlane, Wallace McGregor, H. H Mathewson, L. C Miller, J. E Peine, A. F Russell, F. A Voegelein, Lily B Watson, Minnie E Wright, Quincy Wyatt, F. A Belt, J. H Haddley, H. F McDermet, Rudolph Maney, G. A Bond, L Pogue, R. B Thomas, H. R Wohenberg, J. L Simpson, Frances.	do	
		Johnson, Morris	do	
	1	Kircher, E. A. T.	do	
		Lehenbauer, P. A	do	)
		Macfarlane, Wallace	do	
		McGregor, H. H.	do	
		Millord F B	do	
		Millar I E	do	
		Peine, A. F.	.do	
	•	Russell, F. A.	do	
		Voegelein, Lily B	do	)
		Watson, Minnie E	do	
		Wright, Quincy	do	2
		Rolt T H	do	SI .
	,	Hadley, H. F.	.do	
		McDermet, Rudolph	do	
		Maney, G. A.	do	
		Mon'tgómery, Julian	do 50 00	)į
		Nebel, M. L	do	
		Pogue, R. B.	do	
		Wohlenberg W T	do	(
		Rond Ethel	do	
		Curtis, Florence E	do	il .
		Reece, E. J.	.do	
		Simpson Frances	do	il

No.	Date.	To whom.	For what.	Amou
	1914.	Harding, A. A.  Kirkup, Florence M.  Mills, C. H.  Morphy, E. W.  Nasmyth, H. D.  Schwartz, G. F.  Simon, Anna.  Smith, Constance-Barlow  Townsend, L. L.  Treat, Edna A.  Van den Berg, H. J.  Colson, H. W.  Colson, H. W.  Colark, A. H.  Day, W. B.  Eicher, B. L.  Gathercoal, E. N.  Snow, C. M.  Bartow, Edward  Ferguson, H. F.  Hanford, W. W.  Hinds, M. E.  Huenink, H. L.  Mohlman, F. W.  Schnellbach, J. F.  Sjoblom, M. C.  Tanner, F. W.  McIntosh, Donald.  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar  O. E. Staples, Bursar		
6825	Mar. 13	Harding, A. A.	Salary, March, 1914 \$180 00	
Cld.	1	Kirkup, Florence M	. do	
		Marphy E. W	do 170 00	
	ł	Nasmyth, H. D.	do	
		Schwartz, G. F	do 183 33	
		Simon, Anna	do	
	i	Townsend L. L.	do 120 00	
		Treat, Edna A	do	
	1	Van den Berg, H. J	do 180 00	
	i	Clork A H	1do	
	1	Day W B	do 208 33	
	ļ	Eicher, B. L.	do	
		Gathercoal, E. N	do	
		Snow, C. M.	150 00	
		Ferguson, H. F.	-do90 00	
		Hanford, W. W	do 60 00	
		Hinds, M. E.	70 00	
	1 .	Huenink, H. L	do 70 00	
	1	Schnellbach, J. F.	.do	
		Sjoblom, M. C	do 75 00	
	j	Tanner, F. W	do	
6826	đo	McIntosh, Donald	General labor	<b>\$33</b> 4
6827	do	O. E. Staples, Bursar	-do	99
6828	do	O. E. Staples, Bursar	Student labor	455
6829	do	O. E. Staples, Bursar	do	320
6830 6831	do	O. E. Staples, Bursar	Express bills paid	22 13
6832	do	Maas Brothers	Janitor's supplies	27
6833	do	V. Mueller & Co	Laboratory supplies	57
6834	do	H. H. Stoek	Traveling expenses	71
6835 6836	do	V Mueller & Co	Laboratory supplies	49 41
	do	R. E. Hieronymus V. Mueller & Co. Bennett's Newspaper Agency Chicago Towel Co.	Magazines.	91
6838	do	Chicago Towel Co	Laundry	56
6839 6840	do	Hamblin Plumbing Co	. do. Laboratory supplies. Magazines. Laundry Plumbing. Apparatus repairs. Printing	47
6840	do	Flanigan-Paarson Co	Apparatus repairs	16 61
6842	do	Chas. A. Hall Hardware Co.	Apparatus repairs. Printing Farm machinery. Traveling expenses. Printing. Laboratory supplies.	j
6843	do	Chester Transfer Co. Illinois State Reformatory.	Traveling expenses	. 7
6844 6845	do	J. C. Thomas	Printing	84
6846	do	Reliable Plumbing & Heating Co	do	3
6847	do	Reliable Plumbing & Heating Co Vaughan's Seed Store	General supplies	3
6848	l do l	C A Danman	Furniture repairs. Traveling expenses.	149
6849 6850	do	Ralph Chaplin	Field expenses	9 10
6851	do	I. O. Baker	Field expenseTraveling expenses	5
6852	do	W. S. Perrine Ralph Chaplin I. O. Baker. J. M. Lindgren	Ι Δ πο Ιντορο	97
6853 6854	ao		Proveling evapores	18 17
6855	do	J. R. Midvett	- do. Field expenses. Traveling expenses.	19
6856	do	J. R. Midyett Elmer Musgrove. E. E. Hoskins.	Traveling expenses	4
6857	do			9
6858 6859	do	H. J. Snider Harry C. Gilkerson. J. E. Wh'tchurch. B. E. Powell.	Field expensesTraveling expenses	16 14
6860	do	J. E. Whitchurch	d0	30
6861	do	B. E. Powell	do	9
6862 6863	do	Fred H. Kankin	Incidentals	11
6864	do	University Hospital of Chicago	Hospital service	293
6865	do	Fred H. Rankin. Central Scientific Co. University Hospital of Chicago.	Furniture repairs	11
6866	do	J. M. Smith Demonstrators' Assn. of Illinois. Nana B. Moore.	Machine repairs	1
6867 6868	on	Demonstrators' Assn. of Illinois	Laboratory supplies	60 80
6869	do	Central Electric Co.	do Electrical supplies	69
6870	do	J. C. Howser	Traveling expenses and services	57
			Trorroling arnangag	7
6872 6873	do	U. U. Logan	Laboratory supplies	20
6874	do	Brain & Co	Supplies	2 3 15
6875	do	C. C. Logan Henry A. Dreer, Inc. Braun & Co. Johns Hopkins University	Apparatus repairs.	15
0010	Mar. 141	J. W. Duniap	Machine repairs	11
6877	do	Freeman-Sweet Co	General supplies	25

No.	Date.	To whom.	For what.	Amour
	1914.	Whitall-Tatum Co. Bennett's Newspaper & Magazine Agency Weil Brothers. Hunter, Rourke & Co. Monash-Younker Co. General Electric Co. The Jaenecke Printing Ink Co. Frederick Post Co. Stipes & Hecker. T. W. Wood & Sons. R. W. Braithwaite. Society of American Bacteriologists. S. M. Branden. S. M. Branden. S. M. Branden. S. M. Branden. Eisner Grocery Co. Barnhart Brothers. Weil Brothers. F. K. Robeson. Urbana and Champaign Railway Gas & Electric Co. American Radiator Co. G. C. Willis. Twin City Ice & Cold Storage Co. L. C. Smith & Bros. Typewriter Co. Reliable Plumbing & Heating Co. Mrs. Jennie Barlow. F. M. Leslie. F. M. Leslie. Gleby Foundry Galesburg Buggy Co. Burroughs Adding Machine Co. G. John Van Zoeren. Ennis Hay Co. Urbana Courier Co. Wingert & Clevidence. Vaughans Seed Store. C. R. Gibson. W. L. Vansant. The Marchbanks Press. Henry C. Tutts. Warren Lincoln Manhattan Ele Supply Co. B. E. Spalding. Mrs. Mary Kilbury. D. T. Dobbins. Royal A. Stipes. J. W. Butler Paper Co. Dielectric Mfg. Co. National Board of Fire Underwriters Denver Fire Clay Co. Gulick Tailoring Co. Sweet, Wallach & Co. H. W. Stunkard. Herbert W. Mumford Franz A. Aust. McIntosh Steriopticon Co. Flanigan-Pearson Co. Royal A. Stipes. R. & J. Farquhar & Co. U. of I. Supply Store. The Burr Co. Hes Burr Co. Hes Burr Co. Linios State Reformatory. E. H. Sargent & Co. Urb C. A. Kiler B. A. Strauch John H. Doyle. Hillinois State Reformatory. E. H. Sargent & Co. U. of I. Supply Store. The Burr Co. Baker & Co., Inc. Electric A. Polinance Co. J. D. White, Clerk of Station C. A. Denman. Stipes & Hecker Eisner Grocery Co. Bacon Brothers.		
6878 6879	Mar. 14	Whitall-Tatum Co. Bennett's Newspaper & Magazine Agency Weil Brothers. Hunter, Rourke & Co. Monash-Younker Co. General Electric Co. The Jaenecke Printing Ink Co. Frederick Post Co. Stipes & Hecker.	Laboratory supplies	\$ 26
6879	do	Bennett's Newspaper & Magazine Agency	Magazine	1
6880 6881 6882	do	Weil Brothers	General supplies	3 37 16
6881	do	Hunter, Rourke & Co	Building repairs	. 3
6882	do	Monash-Younker Co	Laboratory apparatus	37
6883 6884 6885 6886	do	General Electric Co	do	16
6884	do	The Jaenecke Printing Ink Co	Supplies	1
6885 6886	do	Frederick Post Co	Laboratory supplies	67
6886 6887 6888 6889 6890 6891 6892	do	Stipes & Hecker	Sand	67
6887 6888	do	T. W. Wood & Sons	Laboratory supplies	1
6888	do	R. W. Braithwaite	Supplies	1 3 5 117
6889	do	Society of American Bacteriologists	Laboractry supplies	5
6890	do	S. M. Branden	Rents	117
6891	do	S. M. Braden	Field expenses	195 46 31 15
6892	do	Eisner Grocery Co	Cafeteria supplies	46
6893	do	Barnhart Brothers	Laboratory apparatus	31
6894 6895	do	Weil Brothers	Plumbing supplies	15
6895	do	F. K. Robeson	Supplies	11
6896	do	Urbana and Champaign Railway Gas &		
		Electric Co.	Gas	481
6897	do	American Radiator Co	Plumbing supplies	3
6897 6898	do	G. C. Willis	Supplies	481 3 10
6899	do	Twin City Ice & Cold Storage Co.	Laboratory supplies	10 4 4 15 25 6 5 1 32
6900	do	L. C. Smith & Bros. Typewriter Co	Office equipment repairs	1 4
6901	do	Reliable Plumbing & Heating Co.	Laboratory apparatus	15
6902	do	Mrs. Jennie Barlow.	Lectures	25
6902 6903	. do	F. M. Leslie.	Laboratory supplies	~6
6903 6904 6905 6906 6907 6908 6909	do	Felix F. Daus Duplicator Co.	Office equipment	) š
6905	do	Keystone Type Foundry	Supplies	Ĭ
6906 6907	do	Galeshurg Buggy Co	Clover seed	39
6907	do	Burroughs Adding Machine Co	Office supplies	ĺ
6908	do	G John Van Zoeren	Laboratory apparetus	36
6908 6909	do	Ennis Hay Co	Feeding stuffs	105
6910	do	Urbana Courier Co	Printing	16
6910 6911	do	Wingert & Clavidance	Foncing	1 2
6912	do	Wanghang Sand Store	Supplies and apparatus	"
6912 6913	do	C D Gibson	Supplies and apparatus	9
6913	do	W I Vengent	Rooks	1
6015	40	The Marchhanks Press	Drinting	1 2
6915 6916 6917 6918 6919 6920 6921	do	TION TO C Trufts	T above to ry and off as gunnling	9
6915 6916 6917	do	Wormen Lincoln	Laboratory and office supplies	9
6918		Manhattan Ela Sunniv Ca	T above tory appres	1 15
6010		D E Spolding	Laboratory apparatus	10
6919 6920		Mra Morr Filbrary	Time steels	أ أ
6921		D T Dobbing	Earling stuffs	1 6
6922	do	Down A Stings	Gunnling	40
6923	do	I W Putler Pener Co	Drinting	10
6924	do	Dielectric Mfr. Co	Tabanatang aum plias	1 16
6925		National Panel of Fine II. Januaritana	Capplies	1 4
6006	do	Denver Fire Clay Co.	Tabaratary amplies	1 :
6926 6927	do	Culialy Mailoning Co	Incidentals	1 1
6928	do	Sweet Welloch & Co	Laboratory supplies	1 :
6929	do	W Stunkord	Specimens	1 2
6930	uo	Horbort W Mumford	Traveling avnonces	2
6931	1do	Frong A Augt	Travoring oxponses	6
6932	Mor 17	MaIntagh Stariantican Co	Furniture and fixtures	1 9
6032	ша. 17	Florigen Deergen Co	Drinting	177
6933 6934	uo	Povol A Stines	Canaral supplies	1 1/2
6025	uo	D & T Forgubor & Co	denoral supplies	1 6
6935 6936	ao	IT of I Supply Store	u0	20
6027 8027	o	The Burn Co	Taharatary augustica	1 :
6937 6938	ao	I dool Flootrio Co	Electrical supplies	1 4
6000	oo	Dryin City Deefing C-	Laboratory opposition	1 4
6939	ao	T WILL CITY KOOLING CO	Laboratory apparatus	1 14
6940	do	D. E. Huff & UO	Building repairs	30
6941	ao	O. A. KHOT.	r urniture and nxtures	36 105 105 13 8 8 8 15 15 15 15 15 15 15 15 15 15 15 15 15
6942	ao	D. A. Strauch	Photo supplies	20
6943	ao	John H. Doyle	Building repairs	1 16
6944 6945	do	Illinois State Reformatory	Printing	100 85 29
6945	do	. н. Sargent & Co	Laboratory supplies	100
6946	do	Lilinois Agriculturist	General supplies	8
6947	do	H. A. Hollister	Traveling expenses	29
6948	do	Ansco Co	Laporatory supplies	1
6949	do	Baker & Co., Inc.	do	1,34
6950	do	Electric Appliance Co	Laboratory apparatus	20
6923   6924   6925   6928   6927   6928   6926   6927   6928   6927   6928   6930   6930   6931   6935   6936   6937   6938   6941   6935   6936   6937   6938   6940   6941   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6945   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955   6955	do	J. D. White, Clerk of Station	Postage	332
6952	do	C. A. Denman	Building repairs	. 4
6953 6954	do	Stipes & Hecker	General supplies	1,346 20 332 41
6954	do	Eisner Grocery Co	Janitor's supplies	. 10
6955				

No.	Date.	To whom.	For what.	Amour
	1914.	Roessler & Hasslacher Chemical Co.  R. E. Spalding. Weil Brothers. General Chemical Co. Geo. H. Van Pelt. Sengbusch Self-Closing Inkstand Co. Morrison, Plummer & Co. Chicago Medical Book Co. G. Cramer Dry Plate Co. A. Daigger & Co. Anderson Oil Co. Yale Slot & Slug Co. Bradner, Smith & Co. Stegel, Cooper & Co. C. L. Frame Dental Supply Co. Physicians' Supply & Drug Co. D. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. Morrison, Plummer & Co. Mass Bros. V. Mueller & Co.		
6956	Mar. 17	Roessler & Hasslacher Chemical Co	Laboratory supplies	\$ 9 1 25
6957 6958	do	R. E. Spalding	do	1 05
6959	do	Ganaral Chamical Co	do	25 38
6959 6960	do	William Gaertner & Co.	- do-	38 1 3 1
6961	do	Geo. H. Van Pelt	do	3
6962 6963 6964	do	Sengbusch Self-Closing Inkstand Co	Office supplies	1
6963	do	Morrison, Plummer & Co	Laboratory supplies	1 5 3 23 7 25 2 105 3
6964 6965	do	C. Cramer Dry Blots Co	Unice supplies	1 3
6966	do	A Daigger & Co	Laboratory apparatus	7
6967	do	Anderson Oil Co.	General supplies	25
6968	do	Yale Slot & Slug Co	Office equipment	2
6969	do	Bradner, Smith & Co	Office supplies	105
6970	do	Siegel, Cooper & Co	Laboratory supplies	3
$6971 \\ 6972$	do	C. L. Frame Dental Supply Co		14
6973	do	O E Stanles Burger	Evnrage hills noid	55
6974	do	O E Staples Bursar	Student labor	134
6975	do	O. E. Staples, Bursar	Sundry bills paid	20
6975 6976	do	Morrison, Plummer & Co	Laboratory supplies Gas Building materials Laboratory apparatus General supplies Museum specimens Laboratory apparatus Horseshoeing Laboratory supplies General supplies General supplies General supplies Building materials General Supplies Building materials General Supplies Building materials General Supplies Laboratory supplies Building materials General Supplies Laboratory supplies Building repairs Laboratory supplies Building repairs Laboratory supplies Building repairs Laboratory supplies	14 55 134 20 20
6977	do	People's Gas Light & Coke Co	Gas	59
6978	do	Maas Bros.	Building materials	36
6979 6980	do	V. Mueller & Co	Caparal cumplies	2/
6981	do	People's Gas Light & Coke Co.  Maas Bros. V. Mueller & Co. L. L. Olds Seed Co. Goder-Heimann Co. Geo. Murphy, Inc. J. W. Spalding. Fuller & Fuller Co. Maas Bros. V. Mueller & Co.	Museum enecimens	27 82 72 46
2000	do	Geo Murphy Inc.	Laboratory apparatus	46
6983	do	J. W. Spalding	Horseshoeing	î
6984	do	Fuller & Fuller Co	Laboratory supplies	5
6985	do	Maas Bros	General supplies	14
6986	do	V. Mueller & Co	Laboratory supplies	49 49 99 33
6987 6988	do	Marshall Field & Co., Retail	General supplies	00
6989	do	F. T. Summore	Building meterials	32
6990	do	A merican-German Boiler Compound Co	General Supplies	22
6991	do	Ernst Leitz	Laboratory supplies	34
6992	do	Western Lumber Co	Building repairs	34 17
6993	do	Arthur Ochs	Laboratory supplies	9
6994	do	F. J. Barns & Co	do	36
6995 6996	do	C. L. Frame Dental Supply Co	Laboratory apparatus	15 25
6997	do	Tog T Proggan & Son	Rooks	2
6998	do	H O Dodge	General supplies	ءُ ا
6999	do	U. P. James, Bookseller	Books	8 9
7000	do	G. W. Sheldon & Co	do	50
7001	do	Fuller & Fuller Co	Laboratory supplies	50
7002	do	Stipes & Hecker	Fencing	42
7003 7004	do	G. I. Poltior	do do	1 4
7005	do	F. W. Muncie	do	f
7006	do	C. C. Short	Field expenses	1
7007 7008	do	Wm. H. Murphy	Building repairs	18
7008	do	Illinois Seed Co	General supplies	18 18 24
7009	do	Geo. Murphy, inc J. W. Spalding Fuller & Fuller Co. Maas Bros. V. Mueller & Co. Marshall Field & Co., Retail. Commonwealth Edison Co. E. L. Summers. American-German Boiler Compound Co. Ernst Leitz. Western Lumber Co. Arthur Ochs. F. J. Barns & Co. C. L. Frame Dental Supply Co. Madison Teaming Co. Jos. T. Ryerson & Son. H. O. Dodge. U. P. James, Bookseller. G. W. Sheldon & Co. Fuller & Fuller Co. Stipes & Hecker. C. C. Rees. G. L. Peltier F. W. Muncie. C. C. Short. Wm. H. Murphy. Illinois Seed Co. Arthur H. Thomas Co. A. N. Talbot. Electric Coal Co. O. E. Staples, Bursar. The Letter Shop. John H. Doyle Chester Transfer Co. Flanigan-Pearson Co.	Laboratory supplies	24
7010	ao	Electric Coel Co	Coal	6, 83 238
$7011 \\ 7012$	do	O. E. Staples Bursar	General labor	23
7013	Mar. 18	The Letter Shop	Mimeograph work	
7014	do	John H. Doyle	Laboratory supplies	19
7015 7016	do	Chester Transfer Co	Incidentals	8
7016	do	Flanigan-Pearson Co	Printing	65
7017	do	Barnhart Bros	General supplies	1 4
7018 7019	do	F K Rohason	Tanitar's supplies	1 10
7019 7020	_do	E. H. Sargent & Co.	General supplies	65 40 19
7021	do	Illinois State Reformatory	Printing	1 2
7022	do	Reliable Plumbing & Heating Co	General supplies	42 14
7023	do	The Burr Co	Machine repairs	14
7024	do	Twin City Roofing Co	General supplies	16
7025	do	Twin City 100 & Cold Storage Co		1 1
7026	on	The Taylor Hardware Co	do.	17
7027 7028	do	The Tablet & Ticket Co	Office supplies.	1
7029	do	B. A. Strauch	General supplies	17 1 2
7030	do	C. C. Rees G. L. Peltier F. W. Muncie C. C. Short Wm. H. Murphy Illinois Seed Co. Arthur H. Thomas Co. A. N. Talbot. Electric Coal Co. O. E. Staples, Bursar. The Letter Shop. John H. Doyle Chester Transfer Co. Flanigan-Pearson Co. Barnhart Bros. Hunter, Rourke & Co. F. K. Robeson. E. H. Sargent & Co. Illinois State Reformatory. Reliable Plumbing & Heating Co. Twin City Roofing Co. Twin City Roofing Co. Twin City Ice & Cold Storage Co. Bacon Brothers. The Taylor Hardware Co. The Taylor Hardware Co. The Taylor Hardware Co. B. A. Strauch. H. Swannell & Son. S. E. Huff & Co. Knowlton & Bennett.	Laboratory supplies	ī
7031	do	S. E. Huff & Co	Building material	6
7032	l do .	Knowlton & Bennett	General supplies	] ]

No.	Date.	To whom.	For what.	Amount.
	1914.	N		
O 7033 O 7034	Mar. 18	Geo. Banta Publishing Co	Printing Telephone Building material	\$263 39
O 7034	do Mar. 19	The Carson-Payson Co.	Building material	4 00 3 15
O 7036	do	R. E. Spalding	General supplies.	4 78
O 7037	do	The Carson-Payson Co R. E. Spalding W. W. Walls & Co Remington Typewriter Co. J. M. Rapp. Olive Percival. Fannie Brooks. Mrs. Jennie C. Barlow H. J. Snider Orr M. Allyn C. C. Logan Chas. A. Campbell J. R. Wells L. H. Smith, George Banta Publishing Co.	Office equipment repair Lecture and traveling expenses	3 60
O 7038 O 7039	do	Remington Typewriter Co	Office equipment repair	4 05 27 50
O 7040	do	Olive Percival	Lectures	27 50 90 00 50 00 30 00 19 25 9 28
O 7041	do	Fannie Brooks.	Lectures do	50 00
O 7042	do	Mrs. Jennie C. Barlow	Traveling expenses	30 00
O 7043 O 7044	do	H. J. Snider	Traveling expenses	19 27
O 7045	. do	C. C. Logan	do	20 18
O 7046	do	Chas. A. Campbell	. do	24 93
O 7047	do	J. R. Wells	do	20.54
O 7048 O 7049	do	L. H. Smith.	Erronag	6 0e 13 3e
O 7050	do	Sanford Mfg. Co	Office supplies	7.00
O 7051	do	Parlin & Orendorff Co.	Farm machinery	21 80
O 7052	do	Universal Binder	General supplies	8 10
O 7053	do	L. H. Smith. George Banta Publishing Co. Sanford Mfg. Co. Parlin & Orendorff Co. Universal Binder. Fairbanks, Morse & Co. D. T. Dobbins	Laboratory apparatus. Feeding stuffs. General supplies.	31 65
O 7054 O 7055	do	Zenner Disinfectant Co. Harris Dillavou & Co.	General supplies	21 80 8 10 8 10 31 65 4 37 31 25 4 75 18 30
O 7056	do	Harris Dillayon & Co	do	4 7!
O 7057	do	Harris Dinayou & Co. Seften Mfg. Co. Louden Machinery Co. Louis Ely & Co. L. C. Brown.	do	18 30
O 7058	do	Louden Machinery Co	do	
O 7059	do	Louis Ely & Co	General supplies.	3 00
O 7060 O 7061	do	L. U. Brown	Laboratory supplies.	7 00 5 50
O 7062	· · · · · · ·	Danonbach Dios	Publishing	35 00
O 7063	do	The Effs Farm	Publishing. General supplies.	22 50 2 00
O 7064	do	John W. Spalding	Field expense do. Office supplies Furniture. Books	2 00
O 7065 O 7066 O 7067	do	F. M. Foltz	do	19 00 9 60
O 7066 O 7067	do	Twin City Bindery & Blank Book Co	Office supplies	960
O 7068	do	The Engineering Magazine	Books	11 25 5 00
O 7069 O 7070	do	Cromarty Law Book Co.	do	7 50
O 7069 O 7070	do	R. M. Yerkes, Managing Editor. The Effs Farm John W. Spalding. F. M. Foltz. Twin City Bindery & Blank Book Co. F. A. Olson. The Engineering Magazine. Cromarty Law Book Co. Eimer & Amend. Whiting Paper Co. Weis Mfg. Co. Emil Greiner Co. John C. Moore, Corporation. Hoskins Mfg. Co. C. N. Clark & Co. B. E. Spalding. S. A. Stewart Co. Dr. M. L. Raney. L. B. Souder. R. W. Braithwaite. Soft Water Laundry Co. W. A. Ruth. Keuffel & Esser Co. of New York. Irving-Pitt Mfg. Co. Pay roll. Sheftel, Yetta.	Office supplies Laboratory apparatus Office supplies do Laboratory supplies Printing	7 50 4 27 1 50 111 55 29 36 3 32 23 50 3 70
O 7071	do	Eimer & Amend.	Laboratory apparatus	1 50 111 55
O 7072 O 7073	do	Wais Mfg. Co	do	20 36
O 7074	do	Emil Greiner Co	Laboratory supplies	3 32
O 7075	do	John C. Moore, Corporation	Printing	23 50
O 7076	do	Hoskins Mfg. Ćo	Printing Apparatus repairs	3 00
O 7077 O 7078	do	C. N. Clark & Co	Drug supplies General supplies Laboratory apparatus.	3 00 7 20 10 45 2 99
O 7070	do	S A Stewart Co	General supplies	2 00
O 7080 O 7081	do	Dr. M. L. Ranev	Laboratory apparatus	1 25 5 90 15 55 5 11
O 7081	do	L. B. Souder	Laundry Expert service Incidentals Freight Office supplies	5 90
O 7082	do	R. W. Braithwaite	Expert service	15 55
O 7083 O 7084	do	Soit water Launary Co	Freight	5 11
O 7005	do	Kenffel & Esser Co. of New York	Office supplies	7 02 37 32
O 7086	do	Irving-Pitt Mfg. Co.	do	1 49 100 00
O 7087	Mar. 20	Reinie & Esse Co. of New Tork.  Irving-Pitt Mfg. Co. Pay roll  Sheftel, Yetta.  Bausch & Lomb Optical Co. A. H. Barber Creamery Supply Co. B. A. Strauch  Chas. A. Hall Hardware Co. Creamery Package Mfg. Co.  Standard Oil Co. G. C. Willis.	. do. March, 1914. \$100 00 Laboratory supplies. \$100 00 Laboratory supplies. General supplies. Padlocks. General supplies.	100 00
O 7088	al o	Sheftel, Yetta	Salary, March, 1914 \$100 00	72.05
O 7089	oo	A H Barber Creamery Supply Co	Dairy supplies	73 97 18 48
O 7090	do	B. A. Strauch	General supplies.	18 68
O 7091	do	Chas. A. Hall Hardware Co	Padlocks	0.70
O 7092	do	Creamery Package Mfg. Co	General supplies	5 16 4 00 3 04 9 74 16 00 4 60
O 7093 O 7094	do	Standard Oll Co	do	4 00
O 7094 O 7095	do	G. C. Willis F. K. Robeson S. E. Huff & Co	_do Janitor's supplies Laboratory supplies General supplies Coal	9 74
O 7096 O 7097	do	S. E. Huff & Co.	Laboratory supplies	16 00
O 7097			General supplies	4 60
O 7098 O 7099	do	S. A. Sandweger	Coal	22 23
O 7099 O 7100	do	Bacon Brothers S. A. Sandweger Manhattan Electric Supply Co. Frederick Post Co. Doubleday Page & Co. J. H. Kramer, Fairfield Library Co. Theodore Frison New York Times	Coal Laboratory supplies General supplies	2 50
O 7101	do	Doubleday Page & Co	deneral supplies.	3 00
O 7102	do	J. H. Kramer, Fairfield Library Co	do Building repairs Student labor Books	2 41
O 7103	do	Theodore Frison	Student labor	2 41 20 63
O 7104 O 7105	do	New York Times	Books	2 00
O 7105 O 7106	do	O E Stanles Bursar	Sundry hills haid	59 50 31 02
0 7107	do	O. E. Staples, Bursar	Student labor	342 20
O 7108	do	Weston Electrical Instrument Co O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar	General labor	342 20 280 80
O 7109	Mar. 21	O. E. Staples, Bursar. Twin City Ice & Cold Storage Co Knowlton & Bennett.	ICE DOOKS	29 00 4 20
O 7110	do		Laboratory supplies	4 20

No.	Date.	To whom.	For what.	Amount
O #111	1914.	TIV. 1 Ct. 1 D. 4	D	. 10.0
O 7111 O 7112	Mar. 21	Illinois State Reformatory. J. W. Butler Paper Co. U. of I. Supply Store. A. C. McClurg & Co. E. H. Sargent & Co. Taylor Hardware Co. The Burr Co. Twin City Rooling Co. John H. Doyle. Firmer & Amend	PrintingOffice supplies	\$ 18 6 83 4
O 7113	do	U. of I. Supply Store	do	15 4
0 7114	do	A. C. McClurg & Co	L.do	6 7 134 6
O 7115 O 7116	do	Taylor Hardware Co	General supplies	18 7
O 7117	do	The Burr Co.	Building repairs	3 3
O 7118	do	Twin City Roofing Co	Building material	28 3
O 7119 O 7120	do	John H. Doyle	do	24 2 65 8
0 7121	do	Western Floatrie Co	Electrical cumplies	128 1
O 7122	do	W. G. Griffith. Eisner Grocery Co. Holstein-Fresian Assn of America.	General supplies	20 2
O 7123 O 7124	do	Eisner Grocery Co.	Feeding stuffs	24 0
O 7124 O 7125	do	Louis Melind Co	Office supplies	11 0 6 4
O 7126	Mar. 23	Louis Melind Co	.do	22 2
O 7127	do	Library Bureau	00	160 0
O 7128 O 7129	do	Chas. C. Smith	T ob oratour gunnling	$\begin{array}{c c} & 1 & 0 \\ & 12 & 7 \end{array}$
O 7130	do	Weston Electrical Instrument Co Montgomery Ward & Co	do. Laboratory supplies Laboratory apparatus	2 3
O 7131	do	Weil Brothers	Supplies	22 1
O 7132	do	Geo. Banta Publishing Co	Printing	40 8
O 7133 O 7134	do	C. W. Johnson G. W. Sheldon & Co	Laboratory supplies	2 5 12 6
O 7135	do	Review Printing & Stationery Co	Printing	1,189 4
O 7136	do	Review Printing & Stationery Co E. H. Sargent & Co	Laboratory apparatus March, 1914	259 2
O 7137	Mar. 25	Pay roll	IMarch, 1914	6, 101 2
		Andrews, J. B. Ausen, Julius	do	
		Badger, C. J.	do	
		Beardsley, G. W	do	
	·.	Bennett W. I.	do	
		Blackburn, Fred.	do	
		Bunch, Mamie	do	
		Burdick, I. F	.do	
	'	Campbell C A	do	
	١,	Carlson, M. R.	do	
		Chapmán, C. C.	do 100 00	
		Crouch, H. E.	do	
		Dunlap, B. H.	do	
	ĺ	Engle, W. J.	do 70 00	
		Foster, O. F.	do	
		Grantham, G. M	do	
	1	Harry, W. L.	do	)
		Hunter, L. A.	.do:	
		Jensen, C. C.	do	
		Lankford, John	do 60 00	
		Lawson, H. C.	do	
	1	Palfrey, J. R.	. do	
		Pine Fred	do	
		Reed, Alice	do	
	1	Stark, R. W	. do 75 00	
		Smith, J. F	do	
		Tornguest, Andrew	do	
		Walters, Philip	do	)
		Argo, Roy	do	
	1	Chaplin Ralph	do	
		Conley, M. J.	do	
		Cook, Jesse	do	)
		Crawford, T. P.	do	2
		Harolle Claude	do	3
		Hough, William	do	3
		Andrews, J. B Ausen, Julius Badger, C. J. Beardsley, G. W Behling, Edwin Bennett, W. L Blackburn, Fred Bunch, Mamie Burdick, I. F Cate, H. A. Campbell, C. A. Carlson, M. R. Chapman, C. C. Crouch, H. E. DeWerff, H. A. Dunlap, B. H Engle, W. J. Foster, O. F. Garver, Earl Grantham, G. M Harry, W. L Hunter, L. A. Jensen, C. C Dones, Garfield Lankford, John Lawson, H. C Palfrey, J. R Palsey, I. Phe, Fred Reed, Alice Stark, R. W Smith, J. F Torgerson, E. F Torquest, Andrew Walters, Philip Argo, Roy Barto, Lucy M Chaplin, Ralph Conley, M. S Berner Kelley, J. R Goodspeed, W. S Harold, Claude Hough, William Jenkins, Elmer Kelley, J. R Magnuson, A. O Meenach, Earl Morgan, J. E Patterson, Will Pergande, R Pritchard, H	do	
		Kelley, J. R	do	?
		Meenach Earl	. do	
		Morgan, J. E		) i
		Patterson, Will	do	)
		Pergande, R	do	
	1	Friumard, H	. do 70 00	וי

No.	Date.	To whom.	For what.	Amour
	1914.	Pritchard, R. Rhoads, Hazel Rose, M. D. Sinclair, C. R. Sprinkle, D. C. Stoneburner, A. J. Swearingen, Daisy O. Wilson, R. W. Brown, C. F. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, Grabbe, Florence H. Brown, Clayton F. Hauser, T. E. Hamlin, Glyde Harding, Clayton F. Hauser, T. E. Heath, William Hensel, Etta Herbert, J. J. Jacobson, I. L. Jensen, George Lowery, Kathryn, McQueen, H. D. II. Marshall, Samuel A. Miller, W. W. Milk, George Mink, J. D. Moore, H. E. Mount, Harold Nesbit, Lawrence, Peterson, A. C. Prewitt, Floyd E. Proesel, William Redman, Louise E. Ricketts, Hazel W. Ross, Roy M. Sanders, Frank Shipman, Cash Shue, Mrs. Lizzie B. Stivers, M. F. Anderson, J. C. Clarke, Ethel Diekmon, T. W. Engle, Ralph Johns, W. E. Smith, M. J. Stoutzenberg, Florence Nelson, P. S. Brownfield, Lelah Brownfield, Lelah A. W. Jamison		
7137 Cld.	Mar. 25	Pritchard, R	Wages, March, 1914 \$ 60 00	
ou.	1	Rose, M. D.	.do	
		Sinclair, C. R.	do	
		Sprinklé, D. C	do 50 00	
	1	Stoneburner, A. J.	do	
		Wilson R. W	do	
	1	Brown, C. F.	do50_00	
		Brown, E. J.	do	
		Brown, Edward	do 50 00	
	i	Conved Emme	1do 50 00 4do 35 00	
		Curry, Florence J	.do	
		Dale, Fred	do	
	ļ	Engle, Lawrence	do	
	l	Grabbe, Florence H	do 50 00	
		Hamlin Hiram	do	
	1	Hamm, Charles	.do	
	l	Hamlin, Clyde.	do	
	l	Harding, Clayton F	do 100 00	
	1	Hauser, T. E.	do	
	ł	Hensel Ette	do	
		Herbert, J. J.	.do	
		Jacobson, I. L.	do	
		Jensen, George	do 50 00	
		Lowery, Kathryn	do	
		Merchell Samuel A	do	
	1	Miller, W. W	do	
		Mink, George	do	
		Mink, J. D.	do	
	1	Moore, H. E.	do	
	l	Nashit Lauranca	do	
		Peterson, A. C.	.do	
		Prewitt, Floyd E	do	
		Proesel, William	do	
	ĺ	Redman, Louise E	do	
		Ross Roy M	do	
	1	Sanders, Frank	do	
		Shipman, Cash	do 50 00	
		Shue, Mrs. Lizzie B	1.do 40 00	
	l	Anderson T C	do	
	ĺ	Clarke, Ethel	.do	
		Diekmon, T. W	do	
		Engle, Ralph	do	
	1	Johns, W. E	do	
		Stoutzenherg Florence	do	
		Nelson, P. S.	do	
		Stoutzenberg, Florence. Nelson, P. S. Brownfield, Lelah Brownfield, Lelah A. W. Jamison H. V. Canter The Burr Co. John H. Doyle Twin City Roofing Co. Western Electric Co. Chas. A. Hall Hardware Co. S. E. Huff & Co.	do	
#100		Brownfield, Lelah	Wages, March, 1914 50 00	
7138 7139	do	A. W. Jamison	Traveling expenses	\$150 16
7140	do	The Burr Co	do	8
7141	do	John H. Doyle.	.do	9
7142	do	Twin City Roofing Co	do. General supplies Laboratory apparatus.	41
7143	do	Western Electric Co	Laboratory apparatus	73
7144 7145	do	Chas. A. Hall Hardware Co	. do. Building materials.	3
7146	do	Taylor Hardwara Co	General supplies	73 3 23 45
7147	do	Barnhart Brothers	Supplies	4
7148	do	S. E. Huff & Co. Taylor Hardware Co Barnhart Brothers Western Valve Co. G. W. Sheldon & Co. J. W. Dunlap Indian Refining Co. W. W. Walls & Co. National Blank Book Co. United States Blue Print Paper Co. Louis Melind Co. Irving-Pitt Mfg. Co. Weis Mfg. Co. J. W. Butler Paper Co. Illinois State Reformatory.	Plumbing supplies	77
7149	do	G. W. Sheldon & Co	Freight	28
7150	do	J. W. Dunlap	Machine repairs	56
7151 7152	do	W W Walls & Co	Ruilding materials	52 21
7153	do	National Blank Book Co	Office supplies.	34
7154	do	United States Blue Print Paper Co	do	3
7155	do	Louis Melind Co	do	1
7156	do	Irving-Pitt Mfg. Co	do	4
7157 7158	on	Wels Mig. Co	ao	52 84
		v. 11 . Dungi Langi Ou	uv	121

# $\begin{array}{lll} \textbf{OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS} - \textit{Continued.} \\ \\ \\ \end{array}$

No.	Date.	To whom.	For what.	Amour
,	1914.	,		
7160	Mar. 25	D. H. Lloyde W. J. Carmichael. J. G. Mosier Carroll J. Badger J. B. Andrews. Wm. L. Mays. Bacon Brothers. Flanigan-Pearson Co. F. J. Burns & Co. A. C. McClurg & Co. Gerts, Lumbard & Co. Federal Sign System The Morris Book Shop. Swartz Electric Shop. Tablet & Ticket Co. Federal Steel Fixture Co.	Office supplies	\$ 91
7161 7162	do	T G Movier	do	3 5
7163	do	Carroll J. Badger	-do	11
7164	do	J. B. Andrews	do	25
7165	do	Wm. L. Mays	Field expense	50
	do	Bacon Brothers	General supplies	7
7167	do	Flanigan-Pearson Co	Printing	79
7168	do	F. J. Burns & Co	Laboratory supplies	2
7169	do	A. C. McClurg & Co	Office supplies	3
$7170 \\ 7171$	do	Federal Sign System	de de	9 5
7172	do	The Morris Book Shop	Books	1
7173	do	Swartz Electric Shop	Adjustable lamps	15
7174	do	Tablet & Ticket Co	Office supplies.	ı
7175	do	Federal Steel Fixture Co	Laboratory supplies	l ī
7176	do	Kaufman, Weimer & Fabry Co	Incidentals	1
7177	do	Geo. Banta Publishing Co	Printing	40
7178	do	American-La France Fire Engine Co	Apparatus repairs	6
7179	do	L. C. Smith & Bros. Typewriter Co	Rentals	15
7180	do	Ches W Crows	A dwortiging	5
$7181 \\ 7182$	do	Eggleston's Music House	Rentals on piance	9 21
7183	do Mar. 26	Ernst Hertzherg & Sons	Binding	295
7184	do	Bennetts Newspaper & Magazine Agency	Magazines	9
7185	do	Federal Sign System The Morris Book Shop Swartz Electric Shop. Tablet & Ticket Co. Federal Steel Fixture Co. Kaufman, Weimer & Fabry Co. Geo. Banta Publishing Co. American-La France Fire Engine Co. L. C. Smith & Bros. Typewriter Co. Paul G. Burt. Chas. W. Groves Eggleston's Music House Ernst Hertzberg & Sons. Bennetts Newspaper & Magazine Agency Tice & Lynch. G. W. Sheldon & Co. G. W. Sheldon & Co.	Freightdododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododod	9
7186	do	G. W. Sheldon & Co	do	ı š
7187	do	G. W. Sheldon & Co	do	46
7188	do	Harvard College Library Carnegie Institute of Washington	Catalog cards	20
7189	do	Carnegie Institute of Washington	Books Magazine	23
7190	do	Urbana Courier Co	Magazine	3
7191		J. Struthers	Books	27
7192	do	National Live Stock Records	Magazinas	2
$7193 \\ 7194$	do	Pschological Review Co	Magazines Feeding stuffs	607
7194	do	Kruse Bros Bausch & Lomb Optical Co	Laboratory apparatus	687 64
7196	do	Illinois State Penitentiary	Janitor's supplies	32
7197	do	Whitelaw Bros	General supplies	1 7
7198	do	A. C. McClurg & Co	General suppliesOffice supplies	ĺí
7199	.do	J. W. Butler Paper Co	do	3
7200	do	Irving-Pitt Mfg. Co. The Albert Dickinson Co.	l do	11
7201	do	The Albert Dickinson Co	General supplies. Laboratory supplies. Salt.	111
7202			Laboratory supplies	7
7203	do	Champaign Ice Cream Co	Salt	4
7204	do	G. C. Willis Champaign Ice Cream Co. Burley & Tyrrel Co. Hektograph Mfg. & Duplicator Co. National Engraving Co.	Laboratory apparatus Office supplies	15
7205	do	Netional Engraving Co	Office supplies	6
$\frac{7206}{7207}$	do	Frank Coverdale	PrintingClover seed	24 25
7208	do	International Harvester Co	Machina rangire	20
7209	do	Reliable Plumbing & Heating Co	Machine repairsBuilding repairs	1
7210	do	C. W. Johnson	do	3
7211	do	C. W. Johnson	Books	3
7212	do	Keystone View Co	Laboratory apparatus	9
7213	do	F. M. Leslie	Laboratory supplies	5
7214	do	American National Red Cross	Laboratory supplies	6
7215	do	Morgan Rug Mfg. Co Bausch & Lomb Optical Co	Apparatus repairsLaboratory supplies	25
$7216 \\ 7217$	do	Morrisson Plummer & Co	do	34
7218	do	Morrisson, Plummer & Co. Henry O. Shepard Co. Illinois Engineering Co. Western Union Telegraph Co. Western Union Telegraph Co.	office supplies. Plumbing supplies. Service.	10
7219	do	Illinois Engineering Co.	Plumbing supplies	16
7220	Mar. 27	Western Union Telegraph Co	Service.	42
7221	do	Western Union Telegraph Co	do	27
7222	l do	The Home Telephone Co	do	. 100
7223	do	Postal Telegraph-Cable Co. Receivers, Central Union Telephone Co Taylor Hardware Co.	do	12
7224	do	Receivers, Central Union Telephone Co	doGeneral suppliesLaboratory supplies	51
7225	Mar. 28	Taylor Hardware Co	General supplies	61
$7226 \\ 7227$	do	E. H. Sargent & Co	Export corning	96
		R. W. Briathwaite	Expert services	6
$\frac{7228}{7229}$	do	Barnhart Brothers	Building repairs	11 19
7230	do	B. A. Strauch John H. Doyle	Laboratory apparatus General supplies	27
7231	do	P. S. Campbell	Printing	12
7232	_do	William Brothers	Building repairs	8
7233	do	Armour & Co.	Laboratory supplies	14
7234	do	S. E. Huff & Co	General supplies	41
7235	do	B. E. Spalding	Laboratory supplies	92
7236	do	The Burr Co. G. Cramer Dry Plate Co.	General supplies	92
7237	do	G. Cramer Dry Plate Co	Laboratory apparatus.	3
7238	do	V. Mueller & Čo	Laboratory apparatus	62

No.	Date.	To whom.	For what.	Amour
	1914.			
7239	Mar. 28	Champaign Seed Co. Twin City Roofing Co. The Chas. A. Hall Hardware Co. Leavitt Mig. Co. Dallenbach Brothers.	General supplies Roofing. Laboratory supplies. General supplies. General supplies. Furniture repairs Printing General supplies Laboratory supplies. General supplies Traveling expenses. General supplies Jaboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory apparatus Books.	\$ 36 39
7240	do	Twin City Roofing Co	Roofing	39
7241	do	The Chas. A. Hall Hardware Co	Laboratory supplies	17
7242	do	Leavitt Mig. Co	General supplies	18
7243	do	Dallenbach Brothers	Careteria supplies	45
7244 7245	do	Walker & Mulliken	Furniture repairs	312 9
7245 7246 7247	do	Flanigan-Pearson Co	Printing	312
$7246 \\ 7247$	do	Creamery Package Mig. Co	General supplies	9
7247	do	James G. Biddle	Laboratory supplies	ī
7248	do	Percival & Moorehead	General supplies	1
7249	do	Ansco Co	do	4
7250	do	Defender Photo Supply Co	do	6
7251	do	H. H. Stock	Traveling expenses	24 1
7252	do	Ward Brothers	General supplies	1
7253	do	Carbondale Printing Co	Printing	41
7254	do	Oliver Ditson Co	Books	15
7255	do	Mineral Point Zinc Co	Laboratory supplies	41 15 7 6 3 10
7256	do	Central Electric Co	Laboratory apparatus	6
7257	do	Hall N. Jackson	Books	3
7258	do	Proudfit Loose Leaf Co	Office supplies	10
7259	do	The Schaeffer & Budenberg Mfg. Co	Laboratory supplies	1
7260	do	American Inst. of Mining Engineers	General supplies	19
$\frac{7260}{7261}$	do	Draeger Oxygen Apparatus Co	Laboratory supplies	19 7 15
7262	do	Master Car Builders Assn	Books	15
7263	do	G. W. Sheldon & Co	Freight	34
$7264 \\ 7265$	do	Leavitt Mfg. Co. Dallenbaoh Brothers. Walker & Mulliken. Flanigan-Pearson Co. Creamery Package Mfg. Co. James G. Biddle. Percival & Moorehead. Ansco Co. Defender Photo Supply Cb. H. H. Stoek. Ward Brothers. Carbondale Printing Co. Oliver Ditson Co. Mineral Point Zinc Co. Central Electric Co. Hall N. Jackson. Proudfit Loose Leaf Co. The Schaeffer & Budenberg Mfg. Co. American Inst. of Mining Engineers. Draeger Oxygen Apparatus Co. Master Car Builders Assn. G. W. Sheldon & Co. Chas. G. Willoughby. The Wabash Cabinet Co. Sweet, Wallach & Co. G. E. Stechert & Co. Ernst Hertzberg & Sons. Eimer & Amend. Woldenberg & Schaar	Laboratory apparatus. Books. Office supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Laboratory supplies. Books. Freight. Laboratory apparatus. Office supplies. General supplies. Books. do	34 75
7265	do	The Wabash Cabinet Co	Office supplies	1
7266	do	Sweet, Wallach & Co	General supplies	2
7267	do	G. E. Stechert & Co	Books	13
$7267 \\ 7268$	do	Ernst Hertzberg & Sons	do	13
7269	do	Eimer & Amend	Laboratory supplies	304
7270	do	Woldenberg & Schaar	Laboratory apparetus	116
7271	do	Mrs I M Smith	Laboratory cumplies	1 1
$7271 \\ 7272$	do	P S Campbell	Printing	25 5
7273	do	John C. Moore Corporation	Office cumplies	20
7274	do	Conoral Floatria Co	Machinaranaire	1 4
7275	do	TT W Johns Monville Co	Concrel supplies	17
7070	40	Diamond Floatric Supply Co	Floatricel gunnlies	17 34
7276	00	Australia Electric Supply Co	Company line	15
7277		Automatic Electric Co	General supplies	15
$\frac{7278}{7279}$		Gariock Facking Co		7
7279		Knowiton & Bennett	Di-atrical	1 7
7280	ao	Illimois Electric Co	E lectrical apparatus	3
7281	do	W m. J. Murdock Co.	Laboratory apparatus	5
7282	ao	The Daily Illin	incidentais	3
7283	do	A. N. Johnson, State Highway Engineer	Laboratory apparatus	3
7284	do	G. W. Sheldon & Co	Freight	6
7285	Mar. 30	O. E. Staples, Bursar	General labor	669 18 340
7286	Mar. 31	F. K. Robeson	Cleaning powder, etc	18
7287	do	Ernst Hertzberg & Sons	Binding	340
7288	do	O. E. Staples, Bursar	Sundry bills	377
7289	do	O. E. Staples, Bursar	Student labor	377
7290	do	Percival & Moorehead	Supplies	14
7291	do	F. A. Pearson	Traveling expenses	56
7292	do	G. E. Stechert & Co.  Ernst Hertzberg & Sons.  Eimer & Amend. Woldenberg & Schaar Mrs. J. M. Smith. P. S. Campbell John C. Moore Corporation General Electric Co. H. W. Johns-Manville Co. Diamond Electric Supply Co. Automatic Electric Co. Garlock Packing Co. Knowlton & Bennett. Illinois Electric Co. Wm. J. Murdock Co. The Daily Illin A. N. Johnson, State Highway Engineer G. W. Sheldon & Co. O. E. Staples, Bursar F. K. Robeson. Ernst Hertzberg & Sons. O. E. Staples, Bursar. Percival & Moorchead F. A. Pearson. Taylor Hardware Co. The Burr Co. E. H. Sargent & Co. Knowlton & Bennett. Burn Co. E. H. Sargent & Co. Knowlton & Bennett. Western Electric Co. H. A. Hollister. H. D. Oberdofer. G. W. Sheldon & Co.	Supplies	14 56 7 5
7293	do	The Burr Co	Materials	5
7294	do	. н. sargent & co	Laboratory supplies	95
7295	do	Knowiton & Bennett	Glass, glue	6
7296	do	Western Electric Co	Electric supplies	453
7297	do	H. A. Hollister	Traveling expenses	24
7298	do	H. D. Oberdofer	General supplies	6 453 24 2
7299 7300	do	G. W. Sheldon & Co	Freight, charges	16
7300	do	Barnhart Bros. & Spindler	Furniture repairs	1 2
7301	do	Eimer & Amend	Laboratory supplies	2
7302	do	Bacon Brothers	Extension ladder	8
7303	do	Hoffman & Kropff Chemical Co	Laboratory supplies	133
7304	do	Bausch & Lomb Optical Co	Beakers.	133
7305	do	Julius Erdman	Traveling expenses	11
7306	do	The Whitaker Paper Co	Paper	32
7306 7307	do	H. A. Hollister H. D. Oberdofer G. W. Sheldon & Co Barnhart Bros. & Spindler Eimer & Amend Bacon Brothers Hoffman & Kropff Chemical Co Bausch & Lomb Optical Co Julius Erdman The Whitaker Paper Co Keuffel & Esser Co. of New York	Office supplies General supplies Laboratory supplies Laboratory supplies Laboratory supplies Laboratory supplies Printing Office supplies Machine repairs General supplies Electrical supplies Electrical supplies General supplies General supplies General supplies Laboratory apparatus Laboratory apparatus Incidentals Laboratory apparatus Freight General labor Cleaning powder, etc. Binding Sundry bills Student labor Supplies Traveling expenses Supplies Materials Laboratory supplies Glass, glue Electric supplies Traveling expenses Freight, charges Freight, charges Freight, charges Fruniture repairs Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Laboratory supplies Extension ladder Traveling expenses Packings Machine repairs Expert service Traveling expenses Expert service Traveling expenses	41
7308	do	The Geo. J. Roberts Co	Packings	l î
7309	ldo	General Electric Co	Machine renairs	1 26
$7309 \\ 7310$	do	H E Codlin	Expert service	17
7311	do	H A Harding	Traveling avnenges	18
7310	40	C R Price	Evnert carving	10
7312 7313	uu	The Geo. J. Roberts Co. General Electric Co. H. E. Codlin. H. A. Harding C. B. Price O. S. Watkins. Erwin Issenberg. Fred J. Blackburn Miss A melia Feldkamp.	Expert service. Traveling expenses. Incidental Traveling expenses do	18 16
7313	uo	Enviro Tagon bong	Traidental	10
7314	op	End I Diskbare	Incidental	10
7315 7316	ao	rred J. Blackburn	Traveling expenses	23 30
		IN ISS A MAIIS, KAIGKSMN	1. (10	1 3()

No.	Date.	To whom.  Miss Maude Campbell Garfield Jones Fred L. Hatch O. M. Allyn. Mrs. Jennie C. Barlow O. S. Fisher C. C. Logan. Goshen Mfg. Co. Henry Bruns. C. N. Spence. Standard Oil Co. Manhattan Electrical Supply Co. Grasselli Chemical Co. Albert Dickinson Co. Funk Brothers Seed Co. Standard Cap & Seal Co. Pitsenbarger & Flynn. W. Atlee, Burpee & Co. L. L. Olds Seed Co. Spencer & Temple. Arthur E. Ormes. Dayton Fruit Tree Label Co. McFadden & Brother Swartz Electric Shop. D. T. Dobbins. Imperial Cotton Milling Co. Central Electric Co. Twin City Roofing Co. Chas, A. Hall Hardware Co. G. C. Willis. Champaign Seed Co. Fred Pine. Knowiton & Bennett Bacon Brothers Illinois Electric Co. Defender Photo Supply Co. Fred Pine. Knowiton & Bennett Bacon Brothers Illinois Electric Co. Defender Photo Supply Co. Frederick Post Co. J. W. Butler Paper Co. W. D. Messinger & Co. The Letter Shop. The American Jersey Cattle Club. C. C. Taylor.	For what.	Amoun
	1914.			
7317 7318	Mar. 31	Miss Maude Campbell	Traveling expenses	\$ 30
7318	do	Erad T Hotab	IT octure	10
7320	do	O M Allyn	Traveling expenses	16
7321	do	Mrs Jennie C. Barlow	Lectures	30
7322	do	O S Fisher	Traveling expenses	99
7322 7323	do	C. C. Logan	do	22 7
7324 7325	do	Goshen Mfg. Co	Building repairs	6 27
7325	do	Henry Bruns	General supplies	27
7326	do	C. N. Spence.	do	8 7
7327	do	Standard Oil Co	Gasoline	7
7328 7329	do	Manhattan Electrical Supply Co	Laboratory supplies	30 5
7329	do	Grasselli Chemical Co	General supplies	5
7330	do	Albert Dickinson Co		17
7331 7332		Standard Can & Saal Ca	do	5
7332	do	Ditambargar & Flynn	1do	15 · 2 · 8 · 1
7333 7334	do	W Atlee Burnes & Co	do	Z
7995	do	T. T. Olde Soad Co	do	0
7335 7336	do	Spancer & Temple	do	1 2
7337 7338	do	Arthur E. Ormes	do	2
7338	do	Dayton Fruit Tree Label Co	Laboratory supplies	1 3 2 12 14 1 1
7339	do	McFadden & Brother	Feeding Stuffs	14
7340 7341	do	Swartz Electric Shop	General supplies	1
7340 7341	do	D. T. Dobbins	Feeding stuffs	1
7342 7343	do	Spencer & Temple. Arthur E. Ormes. Dayton Fruit Tree Label Co. McFadden & Brother. Swartz Electric Shop. D. T. Dobbins. Imperial Cotton Milling Co. Central Electric Co. Twin City Ice & Cold Storage Co. Twin City Roofing Co. Chas. A. Hall Hardware Co. G. C. Willis. Champaign Seed Co. Fred Pine. Knowlton & Bennett. Bacon Brothers. Illinois Electric Co. Defender Photo Supply Co. Frederick Post Co. J. W. Butler Paper Co. W. D. Messinger & Co. Yawman & Erbe Mfg. Co. The Letter Shop. The American Jersey Cattle Club. C. C. Taylor. L. C. Smith & Bros. Typewriter Co. White Line Laundry. Crane Co. Flanigan-Pearson.Co. McIntosh Stereopticon Co. Doth L. Uoyde. Twin City Roofing Co. Trab Burr Co. John H. Doyle. Barnhart Brothers. Shavings & Sawdust Co. Taylor Hardware Co. S. E. Huff & Co. F. M. Leslie. Tice & Lynch O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar A. J. Gunderson. F. N. Evans. N. N. Rudd B. S. Radcliffe. C. C. Rand A. E. Williams R. T. Stull W. A. Ruth. William Aten, Sr. Stephen Rogers Miss Frances Simpson. Herrick & Stoltey Ernst Hertzberg & Sons. Mrs. Jennie Barlow Olive B. Percival. Leonard Hegnauer	do	64 13 4
7343	do	Central Electric Co	General supplies	13
7344	do	Twin City Ice & Cold Storage Co	Incidentals	4
7345 7346	do	Twin City Rooting Co	Roofing	8
7346	do	Chas. A. Hall Hardware Co	General supplies	7
7347 7348	do	G. C. Willis		1
7348		Cnampaign Seed Co	Conord supplies	4
7349 7350	do	Fred Pine	General supplies	3
) 7351	do	RHOWILOH & Delinett	do	1
7351 7352	do	Illinois Floatria Co	Flactrical cumpling	1 2
7353	do	Defender Photo Supply Co	General supplies	1 2
7354	do	Frederick Post Co	do	1 5
7354 7355	do	I W Butler Paper Co	do. Laboratory supplies. do. Office equipment. Clerical assistance. Registration fee. Feeding stuffs. Rentals	2 2 14
7356 7357	do	W. D. Messinger & Co.	do	3
7357	do	Yawman & Erbe Mfg. Co	Office equipment	3 20
7358 7359	do	The Letter Shop	Clerical assistance	37 7
7359	do	The American Jersey Cattle Club	Registration fee	2
) 7360 ) 7361 ) 7362	do	C. C. Taylor	Feeding stuffs	37
7361	do	L. C. Smith & Bros. Typewriter Co	Rentals Laundry	7
7362	do	White Line Laundry	Laundry	65
7363 7364	do	Crane Co	Plumbing supplies	31
7364	do	Flanigan-Pearson Co	Printing	31
7365	do	McIntosh Stereopticon Co	General supplies	3
7366	do	D. H. Lloyde	Doofing	9
7367 7368	do	Twin City Rooming Co	L aboretory appearatus	14
7369	do	John H Dowla	General supplies	12
7370	de	Barnhart Brothers	Jaundry Plumbing supplies Printing General supplies Office supplies Roofing Laboratory apparatus General supplies Building materials	12
7370 7371	do	Shavings & Sawdust Co	Feeding stuffs	111
7372	do	Taylor Hardware Co	General supplies	25
7373	do	S. E. Huff & Co	General supplies Building materials Feeding stuffs. General supplies Building materials Cases Field expense General labor Student labor Sundry bills paid Traveling expenses. Lectures. do	- e
7274	do	F. M. Leslie	Cases	. 136
7375	do	Tice & Lynch	Field expense	136 33
7376	Apr. 3	B O. E. Staples, Bursar	General labor	216 120
7377 7378	do	O. E. Staples, Bursar	Student labor	120
7378	do	O. E. Staples, Bursar	Sunary bills paid	. 5
7379 7380	do	A. J. Gunderson	Traveling expenses	34 130
7380	do	F. N. Evans	Lectures	130
7381 7382	ao	N. N. Kudd	Trovoling ovnovaca	250 38
7382	do	C C Pand	1 1 av cinig expenses	38
7383 7384	do	A E Williams	Traveling expenses	38 35
) 7384 ) 7385	de	R T Stull	do	41
7386	do	R T Stull	do	70
7387	de	W. A. Buth	do	10
7388	de	William Aten, Sr.	Field expenses	3
7388 7389	do	Stephen Rogers.	do	3 54 36
7390	do	Miss Frances Simpson	Traveling expenses.	36
7390 7391	do	Herrick & Stoltev.	d0	1
7392	do	Ernst Hertzberg & Sons.	Books.	. 6
7393	do	Mrs. Jennie Barlow	Lectures . do Traveling expenses	30
7394 (	do	Olive B. Percival.	. do	90
7395	do	Leonard Hegnauer	Traveling expenses	. l

No.	Date.	To whom.	For what.	Amou
	1914.			
7396	Apr. 3	H. L. Halverson	Lecture and traveling expense.	\$ 49 17 9 7 10 10 5 1 7 23 1 1 35 2
7397 7398	do	H. B. Halverson E. E. Hoskins. S. V. Holt. J. G. Mosier. Charles A. Campbell H. C. Wheeler. J. B. Marshall Fred Pine.	Traveling expense	17
7399 7400 7401	do	I G/Mosier	do	7
7400	do	Charles A. Campbell	do	10
7401	do	H. C. Wheeler.	do	7
7402	do	J. B. Marshall	do	105
7403	do	Fred Pine	do	1
7404	do	H. P. Rusk	do	7
7405	do	Ernst Hertzberg & Sons	Books	23
$\frac{7406}{7407}$	do	Notional Nurgeryman Publishing Co.		1
7407	do	A C McClurg & Co	do	35
7409	do	Knowlton & Bennett	Laboratory supplies	"5
7410	do	Tablet & Ticket Co	Office supplies	18
7411	do	John H. Dovle	General supplies	16
7412	do	Percival & Moorehead	do	18
7413 7414	do	G. Cramer Dry Plate Co	do	19
7414	do	Eimer & Amend	Laboratory supplies	16 18 19 14
7415	do	E. H. Sargent & Co	do	43
$7416 \\ 7417$	do	Fred Pine. H. P. Rusk Ernst Hertzberg & Sons. Florists Publishing Co. National Nurseryman Publishing Co. A. C. McClurg & Co. Knowlton & Bennett. Tablet & Ticket Co. John H. Doyle. Percival & Moorehead. G. Cramer Dry Plate Co. Eimer & Amend. E. H. Sargent & Co. National Engraving Co. Barnhart Bros. Bacon Bros.	Conoral supplies	43 23 14 6 25
7417	do	Racon Bros	do	14
7418	do	B. H. Salfgint & Co. Barnhart Bros Barnhart Bros Barnhart Bros The Letter Shop F. M. Leslie D. H. Lloyde. Illinois State Reformatory F. K. Robeson White Line Steam Laundry Chas. Beseler Co. McIntosh Stereopticon Co. B. A. Strauch Leavitt Mfg. Co. Dr. John A. Brashear Codman & Shurtleff, Inc. Dodge Mfg. Co. McIntosh Stereopticon Co. B. E. Spalding Favor, Ruhl & Co. Miller-Bryant-Pierce Co. C. S. Hill F. J. Burns & Co. Montgomery & Co. Chas. H. Elliott Co. Garloek Packing Co. Sweet, Wallach & Co. Fitch Dustdown Co. Samuel N. Rhoads. University Press Bausch & Lomb Optical Co. Review Printing & Stationery Co. The R. W. McCready Cork Co. E. H. Striegel Twin City Loe & Cold Storage Co. Twin City Loe & Cold Storage Co. Twin City Loe & Cold Storage Co. Twin City Loe & Cold Storage Co. American Hereford Cattle Breeders Assn	do. Clerical assistance	2.5
7420	do	F. M. Leslie	Clerical assistance Cases. General supplies. Printing. Furniture Laundry General supplies. Apparatus repairs. General supplies. Laboratory supplies. Laboratory apparatusdodo.	20
7421	do	D. H. Lloyde	General supplies	228 228 41 9
7422	do	Illinois State Reformatory	Printing	228
7423	do	F. K. Robeson	Furniture	41
7424	do	White Line Steam Laundry	Laundry	9
7425	do	Chas. Beseler Co	General supplies	5
$\frac{7426}{7427}$	do	McIntosh Stereopticon Co	Apparatus repairs	00
7427	do	Loovitt Mfg. Co.	Loborotory supplies	18
7429	do	Dr John & Brashear	Laboratory supplies	29 18 100
7430	do	Codman & Shurtleff, Inc.	Laboratory apparatus	1
7431	do	Dodge Mfg. Co	do	4
7432	do	McIntosh Sterepoticon Co	Laboratory supplies	14
7433	do	B. E. Spalding	Laboratory supplies	1
7434	do	Favor, Ruhl & Co	Laboratory apparatusGeneral supplies	3
7435	do	Miller-Bryant-Pierce Co	General supplies	35
7436	do	U. S. Hill	Apparatus repairs. Laboratory supplies. Laboratory apparatus.	8
$\frac{7437}{7438}$	do	Montgomery & Co	Laboratory supplies	5/
7439	do	Char H Elliott Co	Printing	18
7440	do	Garlock Packing Co	Laboratory apparatus. Printing. General supplies Electrical supplies General supplies Janitor's supplies Books. Printing	1 14 14 14 1 3 35 8 1 1 54 18 47 27
7441	do	Adapti Mfg. Co.	Electrical supplies	27
7442	do	Sweet, Wallach & Co	General supplies	11 24
7443	do	Fitch Dustdown Co	Janitor's supplies	24
7444	do	Samuel N. Rhoads	Books	24 1 5 26 846
7445	do	University Press	Printing Laboratory apparatus Printing	5
7446	do	Bausch & Lomb Optical Co	Laboratory apparatus	20
$7447 \\ 7448$	do	The P. W. McCreedy Cork Co.	Loborotory supplies	040
7448	do	E H Striegel	Laboratory apparatus	8
7450	do	Twin City Ice & Cold Storage Co.	Laboratory supplies	24
7451	do	Bausen & Lomb Optical Co. Review Printing & Stationery Co. The R. W. McCready Cork Co. E. H. Striegel Twin City Ice & Cold Storage Co. Twing Instrument Co. General Chemical Co. American Hereford Cattle Breeders Assn Creamery Package Mfg. Co. American Guernsey Cattle Club. Holstein Friesean Assn of America. Pasteur Laboratories of America. Garton-Cooper Seed Co. J. W. Houlae. Macalaster-Wiggin Co. J. W. Dunlap. Weston Electric Instrument Co. Clare E. Hoffman. Ira M. Crowther. Haussmann & Dunn Co.  More Inventor Reterological Co.	Laboratory apparatus	25
7452	do	General Chemical Co	Laboratory supplies	63
7453	do	American Hereford Cattle Breeders Assn	Incidentals	11
7454	do	Creamery Package Mfg. Co	Apparatus repairs	2
7455	do	American Guernsey Cattle Club	incidentals	] - 5
$\frac{7456}{7457}$	do	HOISTOIR I FIGSCAN ASSI OF A MORICA	General supplies	4
7457	do	Gerton-Cooper Seed Co	do do	4
7459	do	I. W. Houze	_do	15
7460	do	Macalaster-Wiggin Co	Laboratory apparatus	24 25 63 11 2 5 4 1 1 2 15 34
7461	do	J. W. Dunlap	Machine repairs	1 6
7462	do	Weston Electric Instrument Co	Apparatus repairs	Ö
7463	do	Clare E. Hoffman	General supplies	10
7464	do	Ira M. Crowther	[do	100
7465	do	Haussmann & Dunn Co	Laboratory apparatus	1
$7466 \\ 7467$	Apr. 8	New Jersey Entomological Co	Laboratory apparatus. Laboratory supplies. Laboratory apparatus. General supplies. Books.	5
7467	do	Junus Andrae & Sons Co	Concret supplies	8
7468 7469	do	Gamble Hinged Music Co	Books	7
7469 7470	do	Ira M. Crowther.  Haussmann & Dunn Co  New Jersey Entomological Co  Julius Andrae & Sons Co  L. K. Howse & Co  Gamble Hinged Music Co  W. C. Ives  L. B. Souder  A. A. Armstrong  Geo. B. Carpenter & Co  Indian Retining Co	Books. Laboratory apparatus. General labor. Live stock Machine repairs. Paraffine oil	100 100 100 15 33 9 7 57 57 275 275 8
7471	do	L. B. Souder	General labor	i i
7472	do	A. A. Armstrong	Live stock	275
7473	do	Geo. B. Carpenter & Co	Machine repairs	8
7474	do	Indian Refining Co.	Paraffine oil	1

No.	Date.	To whom.	For what.	Amour
	1914.			
7475	Apr. 8	French Battery & Carbon Co	Telephone apparatus General supplies do Furniture	\$ 20 17
7477	do	Viscosity Oil Čo	do	2
7478	do	George Strodes	Furniture	16
7479	do	A. E. Wuestemann George Strodes Aristo Studio, Newell & Higgins Pay roll Laying, T. E Merica, Paul D O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Ullinois State Reformatory Weil Brothers Eimer & Amend	Supplies March, 1914. \$ 60 00 do. 150 00 General labor.	7
7480	Apr. 4	Pay roll	March, 1914	210
	1	Laying, T. E.	Salary, March, 1914 \$ 60 00	
7481	Apr 8	Merica, Paul D	Ganaral labor	188
7482	do	O. E. Staples, Bursar	Student labor	568
7483	do	O. E. Staples, Bursar	Sundry bills paid. Printing General supplies Laboratory apparatus.	5
7484	do	Illinois State Reformatory	Printing	104
7485	do	Weil Brothers	General supplies	28
7486	do	Elmer & Amend	Laboratory apparatus	61
7488	do	Tohn H Doyla	Laboratory supplies	11 12
7489	do	E. H. Sargent & Co.	do	26
7490	do	Taylor Hardware Co	General supplies	30
7491	do	J. W. Butler Paper Co	Office supplies	62
7492	do	A. C. McClurg & Co	do	24
7493	do	U. of 1. Supply Store		17
7494	ao	Crops Co	Plumbing supplies	10 108
7496	do	Weil Brothers Eimer & Amend Taylor Hardware Co. John H. Doyle E. H. Sargent & Co. Taylor Hardware Co. J. W. Butler Paper Co. A. C. McClurg & Co U. of I. Supply Store. Hollis & Duncan Crane Co. S. B. Fracker F. K. Robeson E. H. Swigert	Traveling expenses	100
7497	do	F. K. Robeson	General supplies.	100
7498	do	E. H. Swigert Review Printing & Stationery Co. Scientific Materials Co.	Piano tuning	40
7499	do	Review Printing & Stationery Co	Printing	58
7500	do	Scientific Materials Co	Laboratory supplies	2
7501 7502	do	Colwell Lead Co	General supplies	21
7502 7503	do	Alberene Stone Co.  Metzler & Schafer Co.  State Historical Society of Wisconsin.  Metzler & Schafer Co.  Julius Andraw & Sons Co.  The Weis Mfg. Co.  Eisner Grocery Co.  F. J. Burns & Co.  Stafford Engraving Co.  Central Scientific Co.  Newell & Higgins.  James B. Clow & Sons.  The Leeds & Northrup Co.  B. E. Spalding  Braun & Co.  Jacob Reed's Sons.  New England Entomological Co.  Flanigan-Pearson Co.  Meyer & Wenthe.	do	2
7504	do	State Historical Society of Wisconsin	Expert service	17
7505	do	Metzler & Schafer Co	General supplies Laboratory supplies Office supplies	3
7506	do	Julius Andraw & Sons Co	Laboratory supplies	3
7507	do	The Weis Mfg. Co	Office supplies	1
7508	do	Eisner Grocery Co	General supplies	8
7509	do	F. J. Burns & Co	Laboratory supplies	1
7510 7511	do	Control Coiontifo Co	General supplies Laboratory supplies Printing Furniture.	3 8
7512	do	Namall & Higgins	Incidentals	ı°i
7513	do	James B. Clow & Sons	Laboratory supplies	8
7514	do	The Leeds & Northrup Co	Laboratory apparatus	39
7515	do	B. E. Spalding	General supplies	1
7516 7517	do	Braun & Co	Furniture	11
$7517 \\ 7518$	do	Jacob Reed's Sons	Laboratory apparatus Laboratory supplies	2
	do	Floridan Pearson Co	Printing.	6 9
7520	do	Mayer & Wenthe	Office equipment	1
$7520 \\ 7521$	do	Vaughans Seed Store	Laboratory supplies	ī
7522	do	University of Chicago Press	Books	1
7523	do	George Murphy Inc.	General supplies	21
7424	do	W. F. Murphy	do	21
$7525 \\ 7526$	do	V. H. Diacknail	Machinery and tools	23
7527	do.	Flanigan-Pearson Co. Meyer & Wenthe. Vaughans Seed Store. University of Chicago Press. George Murphy Inc. W. F. Murphy C. H. Blackhall Allan J. Coleman. Chas. D. Ettinger Myers & Wascher A. M. & L. A. Terwilliger G. W. Sheldon & Co. Weston Electric Instrument Co. C. M. Parker The School Century	Live stock	150
7528	do	Myers & Wascher	General supplies	2
7529	do	A. M. & L. A. Terwilliger	do	2
7530	Apr. 9	G. W. Sheldon & Co	Freight	55
7531 7530	do	Weston Electric Instrument Co	Laboratory apparatus	45
7532 7533	do	The School Century	do	11
7534	do	The School Century White Line Steam Laundry H. V. Canter Twin City Ice & Cold Storage Co.	Laundry	85
7535	do	H. V. Canter	Traveling expenses	13
7536	do	Twin City Ice & Cold Storage Co	Incidental	4
7537	do	Champaign Steam Laundry	Laundry	25
7538	do	Twin City Roofing Co	Rooting	5
7539 7540	ao	Champaign Steam Laundry Twin City Roofing Co. John V. Hadley Beardsley Hotel	traveing expenses	7 5
7541	do	H. A. Hollister	do	26
7542	do	H. A. Hollister Brown & Sharpe Mfg. Co	Laboratory apparatus	2
7543	do	Amusement Supply Co	General supplies	1 2
7544	do	Electric Coal Co	Coal	300
7545	do	R. R. Donnelley & Sons Co	Etchings	3
7546	do	Geo. B. Carpenter & Co	General supplies	22 1
7547 7548	op	Vaughans Seed Store Osgood Co	Printing and publishing	52
7548 7549	do	F. K. Robeson.	Printing and publishing	12
7550	do	Gaylord Brothers	General supplies	13 8 29
7551	do	Gaylord Brothers	Traveling expenses	29

No.	Date.	To whom.	For what.	Amoun
	1914.	H. A. Harding. The Shaw-Walker Co Eberhard Faber. Twin City Printing Co 20th Century Press Clipping Bureau. Illimois Electric Co. The Arthur H. Thomas Co Friend Mig. Co. John C. Moninger Co. Engineering Record. McMaster-Carr Supply Co. Mittendorf & Kiler. W. D. Fairchild. F. M. Leslie. G. C. Willis. Weston Electric Co. Imperial Cotton Milling Co. James B. Clow & Sons. B. E. Spalding. B. E. Spalding. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. Kendric C. Babcock. Smith & Co. A. M. & L. A. Terwilliger.		
O 7552 O 7553	Apr. 9	H. A. Harding	Traveling expensesOffice supplies	\$ 28 2 7
7554	do	Eberhard Faber	do	ĺ į.
O 7555 O 7556	do	Twin City Printing Co	do	2 7
O 7556	do	20th Century Press Clipping Bureau	Incidentals	7
O 7555 O 7556 O 7557 O 7558 O 7559	do	The Arthur H. Thomas Co.	do. do: Incidentals Electrical supplies Laboratory apparatus. Farm machinery	24
7558 7559	do	Friend Mfg Co	Farm machinery	122 235
7560	do	John C. Moninger Co	General supplies	56
O 7561	do	Engineering Record	General supplies Advertising Machinery repairs General supplies Laboratory apparatus Fixtures General supplies Electrical supplies Feeding stuffs General supplies General supplies General supplies Office supplies Office supplies Coneral supplies Laboratory apparatus Traveling expenses Laboratory apparatus and sup-	1
7562 7563	do	McMaster-Carr Supply Co	Machinery repairs	6 8 8
) 7563 ) 7564	do do	Mittendori & Klier	General supplies	8
7565	do	F. M. Leslie	Fixtures	12
O 7566	do	G. C. Willis	General supplies.	12 216 62
O 7567	do	Weston Electric Co	Electrical supplies	62
7568	do	Imperial Cotton Milling Co	Feeding stuffs	97 (
7569 7570 7571	do	James B. Clow & Sons	General supplies	25 44
7571	do	B. E. Spalding	General supplies	107
7572	do	U. of I. Supply Store.	Office supplies.	107
7573	do	U. of I. Supply Store	Laboratory apparatus	7 : 148 :
7574	do	Kendric C. Babcock	Traveling expenses	148
7575 7576	do	Smith & Co. A. M. & L. A. Terwilliger	Laboratory supplies	8
) 1010		A. M. & D. A. 1 orwinger	Laboratory apparatus and sup-	24
7577	do	W. Lewis & Co	Office supplies. Office supplies. Office supplies. Incidentals. Regime	1 4
7577 7578	do	W. Lewis & Co. Taylor Hardware Co Irving-Pitt Mig. Co. Champaign Steam Laundry. Twin City Roofing Co. The Burr Co. Indian Refining Co. McCoy & Garten. Walker& Mulliken. Central Electric Co. Chas. A. Hall Hardware Co. Illinois State Reformatory. S. E. Huff & Co. L. E. Knott Apparatus Co. Weil Brothers. S. A. Courtis. J. Heffernan & Son. Champaign Bottling Works. Montgomery, Ward & Co. H. Swannell & Son. Armour & Co. Earl E. Sherff. The Tanite Co. Crane Co. Art Metal Products Co. Green Engineering Co. American Multigraph Sales Co. Central Electric Co. Pay roll. Alley, W. E.	General supplies	9 :
7579	do	Irving-Pitt Mfg. Co	Office supplies	9 1 1 3 47
7580 7581	do	Champaign Steam Laundry	Incidentals	3 3
7581 7582	00	The Burr Co	Roofing	7
7583	do	Indian Refining Co	Laboratory supplies. General supplies Feeding stuffs	30 6
7584	do	McCoy & Garten	Feeding stuffs	385 8
7584 7585	do	Walker & Mulliken	Furniture Electrical supplies General supplies	250
7586 7587	do	Central Electric Co	Electrical supplies	27
) 7587   ) 7588	do	Illinois Stata Reformatory	Printing	5 5 71 7
7589	do	S. E. Huff & Co.	General supplies Laboratory apparatus General supplies	70.8
7590a	do	L. E. Knott Apparatus Co	Laboratory apparatus	70 8
7590a 7590b	do	Weil Brothers	General supplies	34
7591	do	S. A. Courtis	do	1 9
7592 7593	do	J. Hellernan & Son	Laboratory supplies	12 8 6 0
7593 7594 7595	do	Montgomery, Ward & Co	do	15 4
7595	do	H. Swannell & Son	do	5 8
7596 7597	do	Armour & Co	. do	14 (
7596 7597 7598	do	The Terite Co	do	14 7 2 (
7599	do	Crane Co.	doGeneral suppliesBuilding materials	88.9
7600	do	Art Metal Products Co	Building materials	6 (
7601	do	Green Engineering Co	Machinery repairsOffice equipment repairs	3 8
7602	do	American Multigraph Sales Co	Office equipment repairs	3 5
7603	do	Central Electric Co	Salary April, 1914	8, 162 4
7004	Apr. 13	Alexander Lilla	Salary, April, 1914 \$ 65 00	0, 102
		Alley, W.E.	do	
		Amos, Winifred L	do	
1		Atkinson, C. E.	do 141 66	
1		Beyer, Melinda L	do	
	l	Roice L. A	do	
		Bowen, Evalena.	do	
- 1		Broadhurst, Tabitha J	do 75 00	
	i.	Brown, Ina M	do 60 00	
	1	Bryan, Sarah E	do	
	:	Buckler Helen I	do	
1	-	Burt. Ruth	do	,
	Į.	Cass, Elizabeth H	. do 65 00	
	ŀ	Crawford, C. C.	do	
	ļ	Central Electric Co. Pay roll. Alexander, Lilla. Alley, W. E. Amos, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Bowen, Evalena Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred Buckler, Helen I. Burt, Ruth Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cunningham, H. E. Custer, Emma L. Dalton, C. E. Durfey, Franc A. Emigh, Edith. Feind, Frances. Feldkamp, A melia	do	
1	<u> </u>	Cuntingnam, H. E	do	
	Į:	Dalton C E	do	
- 1	į:	Durfey, Franc A	do	
- !	[:	Emigh, Edith	do	
1	:	Feind, Frances	do 80 00	
	1	Feldkamp, Amelia	do	

No.	Date.	To whom.	For what.	Amour
	1914.			
7604	Apr. 13		Salary, April, 1914 \$ 65 00	
Ctd.	ŀ	Fieg, Robert	do	
	ļ	Gage, Marjorie H.	1.do	
		Gallaher, Marion B. Garwood, Frances.	do	
	i	Garwood, Frances Goetz, Antoinette Good, Elizabeth Gordon, Marie A Griffith, Mabel Halliday, Mabel Hamilton, Mrs. Alice A Hay, N Heater, Myrtle E Houchens, Josie B Hull, A H Humrichouse, KatieL	do	
	ì	Good, Elizabeth	do	
	l	Gordon, Marie A	do 55 00	
	1	Griffith, Mabel		
	1	Halliday, Mabel	do	
	1	Hamilton, Mrs. Alice A	.do	
		Hay, N	. do	
		Househong Togic P	do	
		Hull A H	do	
	1	Humrichouse, KatieL	do	
		Johnson, Gertrude E	do	
		Kirwin, Nora.	do 50 00	
		Knapp, Aurella	. do 75 00	
	ļ	Knorr, L. E.	. do 150 00	)
		Lanr, Lawrence	do	
		Lamp, Allie B	. do	
		Laitz Louica A	do	
		Heater, Myrtle E Houchens, Josie B Hull, A. H Humrichouse, KatieL Johnson, Gertrude E Kirwin, Nora Knapp, Aurella Knorr, L. E Lahr, Lawrence. Lamb, Allie B Lee, A. R Leitz, Louise A Love, Mary E Luther, Cornelia M McConn, C. M McGehee, Hester E McGurty, Agnes McIntire, W. A Manspeaker, L. Mae Meneley, Maude E Merchant, Donna Meseck, R Millar, Mary Miller, C. F Morey, Lloyd Morrow, J. A Needham, Lucile, Nyberg, Florence A Packard, Bessie Peel, Thomas Phelps, Vergil V Post, Frederick Postlewait, Harriet L Potter, Mabel Pulling, Elizabeth Putnam, Persis Renz, Myrtle Ricketts, Clara Riggs, Bess Robertson, Nellie Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shepard, Anna L Slater, Sara M Smith, Florence E Smith, I M Smith, Mayme L States, O. E States, Bertha G Stevens, Sabra Steitz, Alfred Stricklan, Freda O Thompson, M E Tuttle, G P Tyrrell, Josephine Vaubel, D Voight, Lida E White, Loretta	do 65 00	
	1	Luther, Cornelia M	do	
		McConn, C. M.	do	
	1	McGehee, Hester E	do	5
		McGurty, Agnes	do	
		McIntire, W. A	. do 50 00	
	1	Manspeaker, L. Mae	. do 83 33	
	1	Meneley, Maude E	. do 60 00	
	1	Merchant, Donna	do 50 00	
		Meseck, K	do 70 00	
	1	Millor C F	do	
		Morey Lloyd	do	
	1	Morrow J A	do	
	l	Needham, Lucile	do	
	1	Nyberg, Florence A	do	Ď.
		Packard, Bessie	.]do 75 00	
	j	Peel, Thomas	. do 55 00	
	1	Phelps, Vergil V	. do 150 00	
	1	Post, Frederick	-  .do	
	į.	Potter Mehal		
	ĺ	Pulling Elizabeth	do	
		Putnam Persis	75 O	
		Renz. Myrtle.	75 0	
	1	Ricketts, Clara	do	0
	1	Riggs, Bess	do	
	1	Robertson, Nellie	. do	
	1	Rogers, Della M	- do	
	1	Scanian, Mary	- do	
	I	Shaw Hazel V	do	
	1	Shenard, Anna L.	100 0	
	1	Slater, Sara M.	1do 60 0	
	1	Smith, Florence E	do	
	1	Smith, I. M	do	0
	1	Smith, Mayme L	do	
	}	Staples, O. E.	. do 150 0	
		States, Bertha G	do	
	1	Stevens, Sabra	.do	
	1	Stricklen Frede O	. do	
		Thompson M E	do	
		Tuttle, G. P.	do	
		Tyrrell, Josephine.	do	ما
	1	Vaubel, D.	. do 60 0	
		Voight, Lida E	do	
	1	White, Loretta	. do	0
	1	Winchester, B. L.	do 50 0	ol
	1	Wyninger, H. T.	- do	0
	}	Becker, Georgia	- do	
	1	Titute, G. F. Tyrrell, Josephine. Vaubel, D. Voight, Lida E. White, Loretta. Winchester, B. L. Wyninger, H. T. Becker, Georgia. Brownfield, Lelah. Ellis, E. R.	. do	
	1	Ellis, E. K.	do	
	1	Flattery, Amanda. Leonard, Russell.	do	10
	1	Leonard, Russen	u0 45 8	100

No.	Date.	To whom.	For what.	Amour
	1914.	Lonius, J. O. Paulus, William H Reid, Olive G Rein, Lillian E Ressler, Milton Vanderbeek, H. J. Hart, Eliza. Jester, Marie Johnson, J. J. McMullen, Jennie B Pay roll. Filbey, E. J. James, Edmund J. Frazer, George E Fair, Sue M Fiero, E. E Warnock, A. R Strong, Lillian. Carrithers, I. R Fargo, R. N Gill, H. L Huff, G. A. Jones, R. R Manley, E. J. Pengilly, H. E Brooks, Verna. Gaut, Rosa-Lee Hitt, Agnes. Hughitt, Anna L. Landee, Marlon C. Moulton, Gertrude E Shoemaker, Dorothy-Ruth Webster, F. D. Howes, H. E. (Student).	1	
7604	Apr. 13	Lonius, J. O	Salary, April, 1914 \$ 90 00	)
Cld.		Paulus, William H		1
	ł	Rein Lillian E	do 50 00	
	i	Ressler, Milton	do	il .
	1	Vanderbeek, H. J	do 65 00	)
	1	Hart, Eliza	do	)
	ł	Jester, Marie	do 55 00	3
	1	McMullen Tennie R	do 50 00	i i
7605	do	Pay roll	April. 1914	\$61,356
		Filbey, E. J	Salary, April, 1914 183 33	,,,,,,,
	1	James, Edmund J	do1,000 00	1
	1	Frazer, George E	do	1
	1	Figra F F	do 50 00	
		Warnock A. R.	do 150 00	
		Strong, Lillian	do 50 00	1
		Carrithers, I. R	do 60 00	l
		Fargo, R. N	120 00	1
		GIII, H. L		1
	(	Tongs P P	-, do 120 00	1
		Manley, E. J	-d090 00	ì
	1	Pengilly, H. E	do	
		Brooks, Verna	do 90 00	
	1	Gaut, Rosa-Lee	do	
		Hitt, Agnes	do	
		Landee Marion C	do 00 00	
		Moulton, Gertrude E	do 133 33	
		Shoemaker, Dorothy-Ruth	do	
	]	Webster, F. D	do 48 00	İ
		Howes, H. E. (Student)	do 20 00	1
		Westcott, C. H. (Student)	do	
		Rerry E. H. (Student)	do	
	1	Ousley, H. P. (Student)	do	
		Velzy, C. R. (Student)	do	l l
		Giehler, F. J. (Student)	do 20 00	l
		Rich, P. C. (Student)		
		Arror T D (Student)	do	1
		Bollman Minnie I (Student)	.do	
		Branch, Nelle E. (Student)	do	
		Breedis, John (Student)	do	·Į
		Britton, Floyd E. (Student)	do	
		Christy, Glen (Student)	do	
		Drury F K W	do	
		Dunlap, Fannie (Student)	do	
		Eppinger, J. G. (Student)	do	
		Felsenthal, Emma	do 83 33	1
		Fontaine, E. O. (Student)	do	l
		Goulding P S	do	1
		Landee, Marion C. Moulton, Gertrude E. Shoemaker, Dorothy-Ruth Webster, F. D. Howes, H. E. (Student). Westcott, C. H. (Student). Westcott, C. H. (Student). Berry, E. H. (Student) Ousley, H. P. (Student) Giehler, F. J. (Student) Giehler, F. J. (Student) Giehler, F. J. (Student) Hollister, H. A Ayer, T. P. (Student) Branch, Nelle E. (Student) Bredis, John (Student) Bredis, John (Student) Bredis, John (Student) Bretton, Floyd E. (Student) Bretton, Floyd E. (Student) Carig, Jennie A Drury, F. K. W. Dunlap, Fannie (Student) Eppinger, J. G. (Student) Felsenthal, Emma Fontaine, E. O. (Student) Gibson, Mable H. (Student) Gibson, Mable H. (Student) Gulding, P. S. Graves, Charles E. Herdman, Margaret Hubbard, Marie E. (Student) Hutchins, Margaret Janvrin, Charles Johnson Alice Jutton, Emma R. Karsten, Eleanor G. Leatherman, Marian Mitchell, Marguerite (Student) Patton, Adah Renich, Katharine L. (Student) Patton, Mary Z. (Student) Windsor, P. L. Wyeth, Ola M. Eldredge, A. G. Davenport, Eugene. Powell, B. E. Heronymus, R. E. Checkley, J. H. Evans, Augusta D. Jamison, A. W.	do	1
		Herdman, Margaret.	do	
		Hubbard, Marie E. (Student)	do	1
		Hutchins, Margaret	do	Ī
		Janvrin, Charles	do	i
100		Jutton Emma R	do	
1	1	Karsten, Eleanor G	do	İ
]		Leatherman, Marian	do	]
1		Mitchell, Marguerite (Student)	do 65 00	
		Patton, Adah	do	1
		Torrance Mary	do	
	j	Trov. Mary Z. (Student)	do	
'	ļ	Windsor, P. L.	do	1
		Wyeth, Ola M	do	1
1		Eldredge, A. G.	do 250 00	1
		Davenport, Eugene	do 500 00	1
		rowell, B. E	do	t I
	.	Charley I H	do	!
		Evans, Augusta D.	do	
	1	Tambara A TTT	do 166 66	1

No.	Date.	To whom.	For what.	Amou
	1914.	Miller, W. P. Nolan, A. W. Rankin, F. H. Allyn, Orr. Aumer, J. P. Binding, L. R. Brunson, A. M. Clevenger, C. B. Dickenson, R. W. Ellis, O. I. Fahrnkopf, H. F. T. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Heck, A. F. Hegnauer, Leonard. Holt, S. V. Hoskins, E. E. Leighty, W. R. Logan, C. C. Niederman, Gertrude. Sachs, W. H. Schoonover, W. R. Snider, H. J. Van Alstine, E. D. Walworth, E. H. Wascher, F. M. W. Wheeler, H. C. Hall, L. D. Newlin, C. I. Perry, Leonora Simpson, F. M. Wells, J. R. Clark, E. M. Fraser, W. J. Keller, O. A. Pearson, F. A. Bole, S. J. Blair, J. C. Colby, A. S. Crandall, C. S. Dorner, H. B. Durst, C. E. Foglesong, L. E. Gardner, J. J. Gunderson, A. J. Harper, Julia A. Hoffman, R. W. Hutchinson, James Lloyd, J. W. Miller, Wilhelm Muncie, F. W. Peltier, G. L. Pickett, B. S. Rees, C. C. Robinson, C. M. Root, R. R. Ruth, W. A. Sayre, C. B. Smith, F. A. C. Watkins, O. S. Bevier, Isabel Crigler, Nina B. Fleming, Georgia. Goldthwaite, Nellie. Gray, Gorace E. Wheeler, Ruth.		
7605	Apr. 13	Miller, W. P.	Salary, April, 1914	3 41 66
Ctd.	_	Nolan, A. W	do	200 00
- 1	-	Rankin, F. H.	do	291 66
-		Aumor I D	do	83 33 150 00
		Binding L. R.	do	83 33
		Brunson, A. M.	do	70 00
		Clevenger, C. B.	do	70 00
		Dickenson, R. W	do	83 33
		Ellis, O. I	do	70 00
		Correct To W		70 00 100 00
- 1		Gentle G E	do	70 00
		Gernert, W. B.	do	150 00
(		Gilkerson, H. C.	do	70 00
		Heck, A. F	do	70 00
		Hegnauer, Leonard	do	250 00
		Holt, S. V	do	150 00 150 00
ĺ		Loighty W P	do	116 66
		Logan C. C	do	150 00
- 1		Niederman, Gertrude	do	50 00
		Sachs, W. H	do	133 33
		Schoonover, W. R.	do	70 00
		Snider, H. J.	do	70 00
- 1		Walworth F H	00	175 00 70 00
		Wascher, F. M. W	do	100 00
]		Wheeler, H. C.	do	150 00
		Hall, L. D.	do	112 50
		Newlin, C. I	do	100 00
		Perry, Leonora	do	100 00
- 1		Wolle T D		133 33 83 33
		Clark E M	do	75 00
1		Fraser, W. J.	do	291 66
		Keller, O. A	do	91 66
Í		Pearson, F. A	do	91 66
		Bole, S. J.	do	86 32
- 1		Colby A S	do	416 66 60 00
1		Crandall C S	do	291 66
j		Dorner, H. B.	do	250 00
- 1	:	Durst, C. E.	do	150 00
1		Foglesong, L. E.	do	116 66 100 00
[	,	Gardner, J. J	do	100 00
ŀ		Harner Tulio A	do	100 00
- 1		Hoffman, R. W	do	65 00 70 00
- 1		Hutchinson, James.	do	100 00
- 1		Lloyd, J. W	do	291 66
1		Miller, Wilhelm	do	250 00
1		Muncie, F. W	do	83 33
- 1		Pickett B S	do	83 33 250 00
1		Rees, C. C.	do	41 66
1		Robinson, C. M.	do	100 00
		Root, R. R.	do	208 33
		Ruth, W. A.	do	150 00
- 1		Sayre, C. B.	do	70 00
- 1		Watking O S		125 00 175 00
1		Bevier, Isabel	do	250 00
		Crigler, Nina B	do	116 66
ļ		Fleming, Georgia	do	100 00
l	l	Goldthwaite, Nellie	do	187 50
		Gray, Cora E	do	116 66
J		Parsons Mand	do	100 00
		Pincomb. Helena M	do	116 66 133 33
1		Seymour, Lurene	do	150 00
1		Stevens, Grace E	do	110 00
1		Wheeler, Ruth	do	141 66
- 1		McIntosh, Donald	do	208 33 175 00
	į	Parsons, Maud Pincomb, Helena M Seymour, Lurene Stevens, Grace E Wheeler, Ruth McIntosh, Donald Brand, R. E Schmidt, E. C. Snodgrass, J. M Abrams, D. A Chittenden, A. K	do	175 00
		Spodgrass T M	uo	141 90 183 33
- 1		Ahrams D A	do	150 00
1				229 16

No.	Date.	To whom.	For what.	Amour
	1914.			
7605	Apr. 13	Dunn, H. H.	Salary, April, 1914 \$116 66	
Ctd.				
		Roker R F	do	
		Kratz, A. P	do	
	l	Allen, C. H. Baker, R. E. Kratz, A. P. MoFarland, D. F. Moore, H. F.	do	
	l	Moore, H. F	do	
	ì	Slater, W. A.	do	
		Vedder, J. N.	do	
	-	Andres S O	do	
	1	Decker E H	do	
	1	Green, Frederick	do	
		Hale, W. G.	do	
		Harker, O. A.	do	ĺ
	i	Pomeroy, J. N.	do	
		Cossidy H M (Student)	do	
		Pillshury W H	do	
	ļ.	Little, B. F	_do50 00	
		Andrews, O. M.	do	
		Babcock, K. C.	do	
		Meyer, G. H	do	
		Waddell, Mary L	do	
		Kelley C F	.do	
		Lake, E. J	do	
		Wetmore, Mary M	do150 00	
		Bond, J. J. D	do	
		Reed, F. W.	do 140 00	)
	1	Stebbins, Joel	do	
		Newell C P	do90_00	
		Rahn Otto	do	
	ļ	Brigham, R. O	_do60 00	
		Hague, Stella M	do	
		Hottes, C. F.	do	
		Lamkey, E. M. R.	do	
	1	LeCato, J. M	do	
	1	Perr Possio M	do	()
	1	Scherfee, S. H	do	
	1	Stevens, F. L.	do	
	ł	Trealease, William	do	3
		Waggoner, H. D.	do	
	1	Wnitten, J. H	do	
	1	Radeliffa R S	do	
		Rand, C. C	_do	
		Stull, R. T.	do	)[
	1	Baker, R. E. Kratz, A. P. MoFarland, D. F. Moore, H. F. Slater, W. A. Vedder, J. N. Yensen, T. D. Andros, S. O. Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student) Pillsbury, W. H. Little, R. F. Andrews, O. M. Babcock, K. C. Meyer, G. H. Waddell, Mary L. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel Burton, L. V. Newell, C. R. Rahn, Otto Brigham, R. O. Hague, Stella M. Hottes, C. F. Lamkey, E. M. R. LeCato, J. M. McDougall, W. B. Parr, Rosalie M. Scherfee, S. H. Stevens, F. L. Trealease, William Waggoner, H. D. Whitten, J. H. Hursh, R. K. Radcliffe, B. S. Rand, C. C. Stull, R. T. Williams, A. E. Anders, P. Adams, W. C. Balke, C. W. Balke, C. W. Ball, T. R. Bates, S. J. Beal, G. D. Braley, S. A. Broderson, H. J. Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander Darrah, Juanita E. Davison, B. S. Derick, C. G. Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Gilmore, R. E.	do 125 00	)
		Anders, P.	do 100 00	
	1	Rollzo C W	do	
	1	Ball T R	do	3
	,	Bates, S. J.	do100 00	ól
	1	Beal, G. D	do140_00	)
	1	Braley, S. A.	do	)
	i	Broderson, H. J.	do120_00	
		Charles F F	do	
	1	Clark W A	do	
		Cohn Alexander	.do	
		Darrah, Juanita E	.do	
		Davissón, B. S	do 60 00	)
		Derick, C. G.	do 166 66	
	1	Eckstein, C. H.	do 10 00	
	1	Englis D T	do	
	1	Foster L F	do	
		Gilmore, R. E	do	ĭΙ
	1	Hecker, C. H	do	
	1	Hess, R. W.	do	ol .
	1	Honovski, B. R.	do	0
	i	Hopkins, B. S.		
	1	Englis, B. W. Foster, L. F. Gilmore, R. E. Hecker, C. H. Hess, R. W. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kremmers, H. C. Lewis, H. F.	do	
	1	Lewis, H. F. MacArthur, C. G.	do	
	1	MOTTO   12. X	do	

No.	Date.	MacInnes, D. A. Manquis, S. D. Marquis, S. D. Nolson, R. A. Noyes, W. A. Parr, S. W. Prasil, Anton. Read, J. W. Rich, P. C. Ruby, G. B. Scholl, Clarence. Sears, G. W. Sievert, C. W. J. Sims, C. E. Skimner, G. S. Smith, G. M. Smith, L. D. Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert Tippett, R. W. Washburn, E. W. Weber, H. C. P. Weiland, H. J. Wichers, Edward. Wildman, E. A. Lyman, L. T. Valentine, H. D. Barton, H. J. Canter, H. V. Moss C. M. Oldfather, W. A. Pease, A. S. Samuels, T. W. Stewart, C. L. Thompson, J. G. Anderson, L. F. Bagley, W. C. Coffman, L. D. Hallquest, A. L. Harlan, C. L. Johnston, C. H. Miller, W. S. Alden, R. M. Baldwin, E. G. Boyer, C. V. Buchen, W. A. Creek, H. L. Curl, M. J. Dixon, R. E. Dodge, D. K. Fulton Edward Goodwin, T. G. Guild, T. H. Gwinn, Alta Harbarger, Sada A. Jones, E. S. Jones, H. S. V. Jordan, J. C. Kelso, Ruth Kyle, Martha J. Loomis, R. S. McJohnston, C. H. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P.	For what.	Amour
	1914.			
7605	Apr. 13	MacInnes, D. A	Salary, April, 1914 \$140 00	)
Ctd.		Manuel, W. A	do	9
	l	Marquis, S. D.	do 30 00	2
		Noves W A	416 66	
	l	Parr S W	do 333 33	
		Presil Anton	do 10 00	
		Read. J. W	-do 60 00	í(
		Rich, P. C.	do	)
		Rubý, G. B	do 10 00	)
		Scholl, Clarence	do 30 00	)
	1	Sears, G. W	do	2
	1	Sievert, C. W. J.	10 00	()
	j	Skinner G S	30.00	3)
		Smith G M	do 166 66	
	l	Smith L D	do 100 00	
	i	Snook, J. D.	do	)
	į.	Straw, W. A	do:	
	1	Taylor, E. H	do 30 00	2
	i	Taylor, S. C.	do50 00	21
	J	Thorp, Lambert	120 00	3
	1	Weghburn F W	do 30 00	()
	ì	Weber H C P	do : 166 66	
		Weiland H I	do 35 00	i i
		Wichers, Edward	do	
		Wildman, E, A	do 50 00	)
	1	Lyman, L. T.	do 10 00	)
		Valentine, H. D.	do	
		Barton, H. J.	do	
	ł	Canter, H. V	do	
		MOSS U. M	200 00	
		Page A S	d0	
		Samuele T W	do 40.00	
		Stawart C. L.	do 70 00	
		Thompson, C. M.	do	)
		Thompson, J. G.	do	
	i e	Anderson, L. F	do	i l
		Bagley, W. C	do	
		Coffman, L. D	do	1
	l .	Hallquest, A. L.	50 00	()
		Tohnston C H	do	
		Miller, W. S	do 150 00	1
		Alden, R. M	do	)}
		Baldwin, E. C.	do	
		Boyer, C. V	do 140 00	)
	[	Buchen, W. A.	do 150 00	9
	1	Chark, T. A	do500 00	3)
		Curl M T	140 00	KI
	1	Dixon R E	do 110 00	3
,		Dodge, D. K	do 270 83	
	[	Fulton Edward	do175_00	ol .
1		Goodwin, T. G.	.do	
		Guild, T. H.	do 125 00	)
		Gwinn, Alta	do	<u>}</u>
		Harparger, Sada A	do	!
		Jones, E. S.	do 120 00	21
- 7		Torden T C	do 100 00	
		Woleo Ruth	do 100 00	(1
į		Kyle, Martha J	do 180 00	[]
- 1		Loomis, R. S.	do	
1	-	McJohnston, Harrison	do 120 00	)
## E		Paul, H. G.	do 208 33	
		Kınaker, Clarissa	do	1
		Sarett, L. K	do 100 00	3
	'	Scott F W	do	()
		Sherman S P	do	
		Stanley, T. B.	do	il
		Sutcliffe, E. G.	_do100_00	
		Tieje, A. J.	do120 00	
		Rinaker, Clarissa Sarett, L. R. Schoepperle, Gertrude. Scott, F. W. Sherman, S. P. Stanley, T. B. Sutcliffe, E. G. Tieje, A. J. Whicher, G. F. Woolbert, C. H. Zeitlin, Jacob	do	
		Woolbert, C. H	do 166 66	
		Zeitlin, Jacob	do 133 33	

No.	Date.	Folsom, J. W Forbes, S. A. Glasgow, Dr. Robert D MacGillivray, A. D Peterson, Alvah Bayley, W. S Fleener, F. L Heitkamp, G. W Rich, J. L Rolfe, C. W Ross, C. S Savage, T. E Thompson, David Barto, P. S Brooks N. C Flom, G. T Goebel, Julius Green, Alexander Held, F. E Koller, A. H Lessing, O. E Poor, C. M Spindler, G. W Williams, C. A Zucker, A. E Alvord, C. W Brush, Elizabeth P Buck, S. J Cole, A. C Duncalf, Frederick Greene, E. B Larson, L. M Lybyer, A. H Robertson, W. S Borger, R. L Burns, Josephine E Chittenden, E. W Crathorne, A. R Denton, W. W Emch, Arnold Hebbert, C. M Kempner, A. J Lytle, E. B Miller, G. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Stouffer, E. B Nem, J. B Sisam, C. H Smith, G. W Sham, J. B Sisam, C. H Smith, G. W Shendand, S. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Sham, J. B Sisam, C. H Smith, G. W Sham, J. H Smith, G. W Shendand, S. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Shondand, S. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Shondand, S. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Shondand, S. A Rutledge, George Shaw, J. B Sisam, C. H Smith, G. W Shondand, S. A Rutledge, W. E Neill, Alma J Bode, B. H Daniels, A. H Shepherd, Queen L Geyer, D. L Dodd, W. F Garner, J. W Hanford, A. C Mathews, J. M Storey, Russell M Bentley, Wadion Rutherland, A. A Vance, T. J Allen, Louis Beck, J. B Carnahan, D. H Carry, Charles Eppels, Joseph FitzGerald, J. D, II Moore, O. H Oliver, T. E Shulters, J. R	For what.	Amour
	1914.			
7605	Apr. 13	Folsom, J. W	Salary, April, 1914 \$208 33	
Ctd.		Glasgow Dr Robert D	120 00 120 00	
		MacGillivray, A. D.	do	
		Peterson, Alvah.	do	
		Bayley, W.S	do	
		Heitkamp, G. W	.do 40 00	
		Rich, J. L.	do	
		Rolfe, C. W	do	
		Savage T. E	do 208 33	
		Thompson, David	do	
		Barto, P. S.	do	
		Flom G T	d0	
		Goebel, Julius	.do	
		Green, Alexander	do 120 00	
		Held, F. E	do	•
		Lessing, O. E.	do	
		Poor, C. M	do	
		Spindler, G. W	do	}
		Zucker, A. E.	do 50 00	
		Alvord, C. W	do 145 83	
		Brush, Elizabeth P	do	
		Cole A C	150 00 150 00	
		Duncalf, Frederick	do	
		Greene, E. B.	do	Į
		Larson, L. M.	do 250 00	ľ
		Robertson, W. S.	do 208 33	ł
		Borger, R. L.	do125_00	1
		Burns, Josephine E	do100 00	ŀ
		Crathorne A R	120 00 166 66	Ì
		Denton, W. W.	do	1
		Emch, Arnold	do 187 50	į.
		Kempner A T	do 60 00	1
		Lytle, E. B.	.do	ŀ
	٠ .	Miller, G. A	do	l P
		Rietz, H. L.	158 33	
		Rutledge George	do 60 00	ŀ
		Shaw, J. B	.do	
	ļ	Sisam, C. H.	do 183 33	}
		Smith, G. W	do 130 00	
		Townsend, E. J.	.do	
		Wahlin, G. E	do 116 66	Ì
		Zels, H. C.	120 00	1
		Burge, W. E.	do	ĺ
		Neill, Alma J	do	F
		Bode, B. H.	do	ł
		Shenhard Ougan L.	do 110 00	}
		Geyer, D. L.	do	Ì
		Dodd, W. F	do	İ
		Warner, J. W	do	Į.
		Mathews, J. M	.do	}
		Storey, Russell M	do 100 00	1
		Bentley, Madison	do	1
		Sutherland, A. H.	130 00 150 00	
		Vance, T. J.	do	1
		Allen, Louis	do	ŀ
		Carnahan D H	do	
		Carry, Charles.	do	
		Eppels, Joseph	do 90 00	ļ
		FitzGerald, J. D., II	do	1
		Oliver T. E	do	1
		Shulters J R	do	

No.	Date.	To whom.	For what.	Amour
	1914.	Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Adams, C. C. Chenoweth, H. E. Cobb, Margaret V. Faust, E. C. Green, Bessie R. Hanson, F. B. (Student) Heimburger, H. V. Johnson, Gertrude. Kingsley, J. S. May, H. G. Linkins, R. H. Smith, Frank Stunkard, H. W. VanCleave, H. J. Ward, H. B. Wells, Grace E. Zeleny, Charles. Kinley, David Wright, A. B. Sheftel, Yetta. Austin, Louise. Bayley, Paul Blaney, Lillian. Brandner, A. R. Browne, Lois A. Clark, Helen Coultas, Lois M. Cushing, Helen1 Dewey, Ida B. Frisher, L. N. Garman, Philip. Haskett, Aloa A. Heck, A. O. Ingels, Nelle L. Kile, Jessie J. Knight, C. K. Knoche, Viola E. Lamb, B. F. Lantz, C. W. Lawrence, Matthew Lincoln, Warren McKenna, E. L. Mathews, Howard Milles, Lois M. Miller, Jessie F. Paarker, Karr Partridge, N. L. Paulson, P. A. Ray, S. H. Reeves, H. P. Schem, Margaret K. Thoreen, Edna A. Thorne, Mabel E. Wilson, W. W. Whelm, M. W. Whelm, M. W. Whelm, M. W. Whelm, M. S. Wilson, W. W. Whelm, M. R. W. Clark, F. E. Conel, J. L. Cort, W. F. Clark, F. E. Conel, J. L. Cort, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. S. Brown, R. W. Carroll, W. E. Clark, F. E. Conel, J. L. Cort, W. S. Bricker, S. Bedittins, Elizabeth M.		
7605	Apr. 13	Seymour, A. R	Salary, April, 1914 \$191 66	
Ctd.	_	Turner, L. M	do 150 00	
		Wesenberg, T. G	do 90 00	)]
		Hayes, E. C	]do	1
		Todd, A. J.	141 66	1
		Changereth II E	137 50	1
		Cobb Morgaret V	30 00	
		Fourt F C	do 60 00	
		Green Reccie R	do 60 00	
	•	Hanson, F. B. (Student)	do 60 00	
		Heimburger, H. V	do	
		Johnson, Gertrude	do	)
		Kingsley, J. S	do	
		May, H. G	do	1
		Linkins, R. H	do 60 00	) ·
		Smith, Frank	do 250 00	) t
		Stunkard, H. W	do30 00	1
		VanCleave, H. J	do	1
		Ward, H. B	1do	
		Zolony Chorles	do 050 00	٠ ١
		Kinley David	do 583 23	1
		Wright A B	do 50 00	
		Sheftel, Yetta	do 100 00	il
		Austin, Louise.	do	il
		Bayley, Paul.	do	l
		Blaney, Lillian	do	)]
		Brandner, A. R	do 25 00	(
		Browne, Lois A	do	i i
		Clark, Helen		9
		Coultas, Lois M		ï
		Cusning, Helen I	25 00	3
		Eigher T N	25 00	1
		Garman Dhilin	do 25 00	
		Haskatt Alog A	do 25 00	1
		Heck A O	do 25 00	
		Ingels, Nelle L	do	d
		Kile, Jessie J	do	
		Knight, C. K	do 25 00	
		Knoché, Viola E	do 25 00	1
•		Lamb, B. F		
		Lantz, C. W	do	1
		Lawrence, Matthew		
		Moleculary Ten	25 00	
		Methows Toward	do 25 00	
		Milac Lois M	1 do 25 00	3
	,	Miller Jessie F	do 25 00	
		Pasmore, D. F	do 25 00	
		Parker, Karr	do	
		Partridge, N. L.	do	ıl .
		Paulson, P. A	do	) `
		Ray, S. H	do	
		Reeves, H. P	do	l l
		Schinnerer, O. P	do	9
		Snewnart, W. A.		1
		Stevens, Thekia M	25 00	1
		Stolen C N		
i		Sullivan W W.	do 25 00	1
		Theilen, Margaret K	_do	il .
		Thoreen, Edna A.	do	d
		Thorne, Mabel E	do	d
1		Wilber, A. S	do	ol .
		Wilson, W. H	do	d .
		Wolf, H. C	do 25 00	1
ĺ		Wolfe, W. S	do	ļ
		Brown, R. W	do 35 00	
		Clarle B B	1do	1
		Conol T T	35 00	3
		Cort W W	do 35 00	
		Farwell S P	do 40 00	
		Fracker, S. B	do 35 00	
		L . W. L	1	1 :

No.	Date.	To whom.	For what.	Amou
	1914.	Gutberlet, J. E. Harder, O. E. Heuse, E. O. Holley, C. E. Howard, J. W. Johnson, Morris Kircher, E. A. T. Lehenbauer, P. A. Macfarlane, Wallace McGregor, H. H. Mathewson, L. C. Millard, E. B. Miller, J. E. Peine, A. F. Russell, F. A. Vogelein, Lily B. Watson, Minnie E. Wright, Quincy Wyatt, F. A. Belt, J. H. Hadley, H. F. McDermet, Rudolph. Maney, G. A. Montgomery, Julian Nebel, M. L. Pogue, R. B. Thomas, H. R. Wohlenberg, W. J. Colson, H. W. Clark, A. H. Day, W. B. Eicher, B. L. Gathercoal, E. N. Snow, C. M. Bond, Ethel. Curtis, Florence R. Reece, E. J. Simpson, Frances Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F. Simon, Anna. Smith, Constance Barlow Townsend, L. L. Treat, Edma A. Van den Berg, H. J. Bartow, Edward Ferguson, H. F. Hanlord, W. W. Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schnellbach, J. F. Siddlem M. C.		
7605	Apr. 13	Gutberlet, J. E.	. Salary, April, 1914 \$ 40 00 do 30 00	İ
Cld.		Harder, O. E.	do	
		Holley, C. E.	do	
,		Howard, J. W	do	
	İ	Johnson, Morris	do	
		Kircher, E. A. T.	do	
	İ	Macfarlane Wallace	do	1
		McGregor, H. H.	do	
		Mathewson, L. C	do	
		Millard, E. B	do	
	1	Poine A F	do	
	1	Russell, F. A	do	1
		Vogelein, Lily B	do	
	l	Watson, Minnie E	do	
		Wright, Quincy	do	
		W yatt, F. A	do	:
		Hadley, H. F.	do	
		McDermet, Rudolph	do 50 00	
	1	Maney, G. A.	do 50 00	
		Montgomery, Julian	do	
	1	Pogue R R	.do	1
	1	Thomas, H. R.	do	1 1
		Wohlenberg, W. J.	do	
		Colson, H. W	do 100 00	
		Clark, A. H	do	
	1	Eigher B. L.	do208 33	
		Gathercoal E. N	.do	
		Snow, C. M	do	
		Bond, Ethel	do	
		Curtis, Florence R	do	+
	l i	Gimpgon Frances	do	
	l	Harding A A	do180_00	
	i	Kirkup, Florence M	do	i i
	1	Mills, C. H	do 225 00	
	1	Morphy, E. W	do	
	] .	Nasmyth, H. D.	do	•
		Simon Anna	.do	
	1	Smith, Constance Barlow	do	
	1	Townsend, L. L.	do 120 00	
		Treat, Edna A	do 100 00	
	ĺ	Van den Berg, H. J	do	
	1 .	Farguson H F	do	
		Hanford, W. W.	do 60 00	
		Hinds, M. E	do 70 00	
		Huenink, H. L	do 70 00	
	!	Mohlman, F. W	do	
	:	Sighlom M C	do	
		Tanner, F. W.	do	
7606	Apr. 14	O. E. Staples, Bursar	Generallabor	\$127
7607	do	O. E. Staples, Bursar	. do. Student labor	115
7608 7609	Apr. 15	O. E. Staples, Bursar	Student labor	496
7610	do	Knowlton & Rennett	do. General supplies	48
7611	do	Chester Horseshoeing Shop	Horseshoeing	. 43
7612 7613	do	J. W. Butler Paper Co	Horseshoeing. Office supplies	330
7613	do	Twin City Roofing Co	Roofing Office supplies	330 12 131
7614	00	D. H. Lloyde	Umce supplies	131 11
7615 7616	uo	Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schneilbach, J. F. Sjoblom, M. C. Tanner, F. W. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Co. E. Staples, Bursar E. Staples, Bursar O. E. Staples, Bursar Co. E. Staples, Bursar Co. E. Staples, Bursar Chester Horseshoeing Shop J. W. Butler Paper Co. Twin City Roofing Co D. H. Lloyde E. H. Sargent & Co. Flanigan-Pearson Co. Alexander Lumber Co E. A. Eichhorst.	Laboratory supplies	99
7616 7617	do	Alexander Lumber Co.	General supplies	61
7618	do	E. A. Eichhorst. Geo. E. Amsbary Co.	Machine repairs	61 19
1019	00	Geo. E. Amspary Co	R eeding stills	515
7620	do	E. Dietzgen Co	Laboratory apparatusLaboratory supplies	65 141
$\frac{7621}{7622}$	ao	Danenbach Brothers	Printing	141
7623	do	J. Horace McFarland Co	Laboratory apparatus	16
7623 7624	do	Datienoach Brothers P. S. Campbell J. Horace McFarland Co. Champaign Seed Co. Chicago Packing House. S. O. Andros.	Printing Laboratory apparatus. Feeding stuffs Laboratory supplies Traveling expenses	16 16 27
7625	do	Chicago Packing House	Laboratory supplies	- 11
7626	ا ماہ ا	S () Andros	Traveling expenses	69

No.	Date.	To whom.	For what.	Amou
	1914.	``		
7627	Apr. 15	B. A. Strauch C. A. Kiler	General supplies	\$ 50 12
7628 7629	do	B. A. Stratten C. A. Kiler J. C. Thomas Bacon Brothers Eisner Grocery Co Mittendorf & Kiler The Caldwell Co F. M. Leslie Eigner & Amond	General supplies	4
7630	do	Bacon Brothers	dodo.	5
7631	do	Eisner Grocery Co	Laboratory supplies	56
7632	do	Mittendorf & Kiler	Furniture	19
7633	do	The Caldwell Co	Electrical supplies	101
7634	do	F. M. Leslie	Fixtures	23
7635 7636				35
7627	do			1 10
7638	do	Champaign Steam Laundry	Incidentals	101
7639	do	W. Lewis & Co.	Laboratory supplies	15
7640	do	W. Lewis & Co. S. E. Huff & Co.	General supplies	8
7641	do	Illinois State Reformatory	Printing	130
7642	do	The Burr Co.	Building material	9
7643	do	Cunningham Bros.	Laboratory supplies	14
7644 7645		Matalon & Sahafar Co	T oboratory supplies	30 152
7646	do	Toylor Hordword Co	Congrel cumplies	28
7647	do	A C McClure & Co	Office supplies	7
7648	do	Allis-Chalmers Mfg. Co	Machine repairs	3
7649	do	Leeds & Northrup Co	Apparatus repairs	: 8
7650	do	Champaign Steam Laundry.  W. Lewis & Co. S. E. Huff & Co. Illinois State Reformatory. The Burr Co. Cunningham Bros Barnhart Bros. Metzler & Schafer Co. Taylor Hardware Co. A. C. McClurg & Co. Allis-Chalmers Mfg. Co. Leeds & Northrup Co. Shepley, Rutan & Coolidge. The Survey Associates, Inc. The Engineering & Mining Journal. Mining Science. J. T. Ryerson & Son. Colonial Steel Co. Geo. B. Carpenter & Co. Wood Drill Works. Keystone Type Foundry Central Scientific Co. Scientific Materials Co. F. W. Garrett. R. W. Dickenson. S. V. Holt. W. W. Yapp Keuffel & Esser Co. of N. Y. Vaughans Seed Store. Leavitt Mfg. Co. Western Electric Co. G. C. Willis. Woldenberg & Schaar E. A. Holbrook H. H. Stoek. General Chemical Co. Library of Congress. Creamery Package Mfg. Co. Blanke Mfg. & Supply Co. H. A. Swits. Mrs. Elizabeth Maurer. Corbin Cabinet Lock Co. Hearrison Fahrnkopf. J. C. Howser H. C. Wheeler Harrison Fahrnkopf. J. C. Howser A. F. Gustafson Electric Coal Co. Corbin Cabinet Lock Co. H. C. Wheeler Harrison Fahrnkopf. J. C. Howser A. F. Gustafson Electric Coal Co. Corbin Cabinet Lock Co. H. C. Howser A. F. Gustafson Electric Coal Co. Corbin Cabinet Lock Co. H. W. Wascher H. C. Howser A. F. Gustafson Electric Coal Co. Corbin Cabinet Lock Co. H. W. Johns-Manville Co. Western-Walls-Co. H. W. Johns-Manville Co. H. W. Johns-Manville Co.	Laboratory apparatus	16
7651	do	The Survey Associates, Inc	Books	3
7652	do	The Engineering & Mining Journal	do	5
$7653 \\ 7654$	do	Mining Science	T-l-m-t-mm manufica	1 2
7655	do	Colonial Steel Co	Laboratory supplies	10
7656	do	Geo B Carpenter & Co	do	7
7657	do	Wood Drill Works	Laboratory apparatus	65
7658	do	Keystone Type Foundry	General supplies	i
7659	do	Central Scientific Co	Laboratory supplies	3
7660	do	Scientific Materials Co	Apparatus repairs	5
7661	do	F. W. Garrett	Traveling expenses	18
7662	do	R. W. Dickenson	do	39
7663	do	S. V. Holt	do	38
7664 7665	do	W. W. Yapp	do	11
7666		Vaughang Sood Store	Conoral supplies	1 4
7667	do	Leavitt Mfg Co	do do	i
7668	do	Western Electric Co	Electrical supplies	113
7669	do	G. C. Willis	Laboratory supplies	. 6
7670	do	Woldenberg & Schaar	do	17
7671	do	E. A. Holbrook	Traveling expenses	17
7672	do	H. H. Stoek	do	5
7673	do	General Chemical Co	Laboratory supplies	177
$7674 \\ 7675$	do	Charge of Congress	Catalog cards	75
7676	do	Blanka Mfg & Supply Co	deneral supplies	11
7677	do	H A Swits	Laboratory supplies	3
7678	do	Mrs. Elizabeth Maurer	Books	25
7679	do	Corbin Cabinet Lock Co	General supplies	12
7680	do	Hegenbart Co	Cafe supplies	5
7681	do	Farrar & Quinlan	do	53
7682	Apr. 16	White Poultry Farm	do	25
7683	do	Harry C. Gukerson	Traveling expenses	13
7684 7685	uo	C. C. Logen	Field avnances	12
7686	do	F. W. Wascher	Traveling expenses	29
7687	do	H. C. Wheeler	do.	36
7688	do	H. C. W Heerer Harrison Fahrnkopf. J. C. Howser A. F. Gustafson. Electric Coal Co. Corbin Cabinet Lock Co. H. W. Johns-Manville Co. Western Valve Co. Samual N. Bhoads	Field expenses	7
7689	do	J. C. Howser	Traveling expenses and service.	76
7690	do	A. F. Gustafson	Traveling expenses	14
7691	do	Electric Coal Co	Coal	122
7692	do	Corpin Cabinet Lock Co	General supplies	3
7693	do	H. W. Johns-Manville Co	Tioois	16
7605	ao	Samual N Phoads	Books Supplies	1 08
7696	do	Bryan Marsh Electric Works	Electrical supplies	27
7697	- do	Twin City Creamery Co	Cafe supplies	40
7698	do	Wm. H. Murphy	General supplies	40
7699	do	C. N. Spence	do	l â
7700	do	Western Vaive Co Samuel N. Rhoads. Bryan Marsh Electric Works. Twin City Creamery Co. Wm. H. Murphy. C. N. Spence. W. G. Griffith. Paul O. Abbe. Hunter, Rourke & Co. E. Machlett & Son. H. Swannell & Son. Ackroyd & Best, Ltd.	do	2
7701	do	Paul O. Abbe	do	14
7702	do	Hunter, Rourke & Co	Laboratory supplies	1
7703	do	E. Machlett & Son	Laboratory apparatus	15
7704	do	H. Swannell & Son	Laboratory supplies	10
7705	ao	Ackroya & Best, Lta	ao	1 1

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7706	Apr. 16	Amberoid Chemical Products Co	. Laboratory supplies	\$ 5 00 22 00
O 7707 O 7708	do	Louis Melind Co	Office supplies.	22 00 2 10
0 7709	do	Hoskins Mfg Co	do	2 10 5 20
O 7709 O 7710	do	The Leeds & Northrup Co	Laboratory apparatus	5 20 28 80
O 7711	do	James G. Biddle	do	4 44 1 02
0 7712	do	C F. Rease Co	General supplies	1 0
O 7713 O 7714	do	C. C. Short.	Field expense	5 50 9 00 4 68 30 00
0 7715	do	T I Kilnetrick	Machine reneirs	4 65
O 7716	do	Leigh F. Maxcv	Feeding stuffs	30 00
O 7716 O 7717	do	Southern Illinois Penitentiary	General supplies	30 00 27 96
O 7718	do	Wing Seed Co	. do	27 96
O 7719	do	Connors-Quayle	Machine repairs	6 50
O 7720 O 7721	do	Shultz Sood Co	General supplies	4 00 36 00 75 00 2 50
0 7722		Pantagraph Printing & Stationary Co.	Office supplies	25 OC
O 7723 O 7724 O 7725 O 7726	do	Carl Hecker	General supplies	2 50
O 7724	do	Dow Brothers	do	1 20
O 7725	do	Frederick Post Co	Office supplies	1 37
O 7726	do	Ottawa Silica Co	General supplies	3 50
O 7727 O 7728	do	Helectric Coal Co	Coal	6, 073 73 7 68
O 7769 O 7710 O 7711 O 7711 O 7712 O 7716 O 7716 O 7716 O 7718 O 7718 O 7721 O 7722 O 7723 O 7724 O 7725 O 7726 O 7727 O 7732 O 7730 O 7730 O 7734 O 7732 O 7738 O 7738 O 7738	do	Amberoid Chemical Products Co. Louis Melind Co. Wilson-Magulen Co. Hoskins Mfg. Co. The Leeds & Northrup Co. James G. Biddle. C F. Rease Co. C. C. Short. Fibre Specialty Mfg. Co. T. I. Kilpatrick. Leigh F. Maxcy. Southern Illinois Penitentiary. Wing Seed Co. Connors-Quayle. Underwood Typewriter Co. Shultz Seed Co. Pantagraph Printing & Stationery Co. Carl Hecker. Dow Brothers. Frederick Post Co. Ottawa Silica Co. Electric Coal Co. Harris-Dillavou & Co. Western Electric Co. H. Swannell & Son. G. A. Garrison. McIntosh Steropticon Co. Bertram Abroey. G. W. Beardsley . C. E. Codlin. C. G. Cox. C. B. Price. Gertrude E. Moulton. E. Garver. May Massee.	Laboratory supplies. Office supplies. Laboratory suppliesdo. Laboratory suppliesdo. General supplies Field expense. Laboratory apparatus. Machine repairs. Feeding stuffs. General supplies .do. Machine repairs. Office supplies. General supplies. General supplies. General supplies. Comparatory supplies. General supplies. General supplies. General supplies. General supplies. General supplies. General supplies. General supplies. General supplies. General supplies. Coal. Laboratory supplies Electrical supplies General supplies General supplies Traveling expenses and services Traveling expenses and services Traveling expenses and services Traveling expenses and services	1 20 1 37 3 50 6, 073 73 7 68 30 19
O 7730	do	H. Swannell & Son	General supplies	738 80
O 7730 O 7731 O 7732	do	G. A. Garrison	do	738 80 49 41
O 7732	do	McIntosh Stereopticon Co	Furniture	8 00
O 7733	do	Bertram Abney	Traveling expenses and services	11 73 16 63 28 21 71 41
O 7734	do	G. W. Beardsley	Traveling expenses	16 63
O 7735 O 7736	do	C. E. Codin	Traveling expenses and services Traveling expenses and services Traveling expensesdodoTraveling expenses and Lectures Traveling expenses and services Traveling expenses and services	28 21
0 7737	do	C B Price	Traveling expenses and services	13 16
O 7737 O 7738	do	Gertrude E. Moulton	.do	18 20
O 7739 O 7740	do	E. Garver	do	18 20 2 50
O 7740	do	May Massee	Traveling expenses and Lec-	
0 7741	4.0	C A Claula	tures	15 69 18 50 7 59 1 27 4 76 500 00 21 00
O 7741 O 7742	00	U. A. Clark	Traveling expenses and services	18 50 7 50
O 7743	do	I Orton Finley	Traveling expenses	1 27
O 7743 O 7744	do	Mrs. David M. Corv	do	4 76
O 7745 O 7746 O 7747 O 7748 O 7749	do	John Hetts	deneral supplies. General supplies. Feeding stuffs. General supplies. Preding stuffs.	500 00
O 7746	do	Vaughan's Seed Store	General supplies	21 00
O 7747 O 7748	do	Charles M. Filson	Feeding stuffs	49 00
O 7748	do	James B. Clow & Sons	General supplies	54 63
O 7750	do	Cantrol Electric Co	Printing Electrical supplies Furniture repairs Machine repairs	11 83
O 7750 O 7751	do	Mittendorf & Kiler	Furniture repairs	3 25
O 7752	do	The Burr Co.	Machine repairs	5 74
O 7752 O 7753 O 7754 O 7755 O 7756	do	American Steam Pump Co	do	51 68
O 7754	do	H. A. Hollister	Traveling expenses	30 53
O 7755   O 7756	do	Unaries Biock	Apparetus repairs	0 00
O 7757	.do	Fuller & Fuller Co	Laboratory supplies	9 90
O 7758	do	Pearl Adams	General labor	110 07
O 7757 O 7758 O 7759 O 7760 O 7761 O 7762 O 7763 O 7764	do	Manhattan Electrical Supply Co	Machine repairs	29 00 54 63 8 00 11 83 5 74 51 68 30 53 6 00 2 23 9 90 110 07 4 20 2 75
O 7760	do	Vaughan's Seed Store	Laboratory apparatus	2 75
O 7761	do	A. U. McClurg & Co	Office supplies	11 00 234 97
O 7762   O 7763	op	Editer prise from Works	Machine repairs	234 97
O 7764	do.	Chicago Engineer Supply Co	do do	15 00 1 10
O 7765	do	Charles H. Besly & Co	Tools	15 03
O 7766	do	Smith-Totman Co	General supplies Electrical supplies Traveling expenses	15 03 9 31
O 7767	do	G. & W. Electric Specialty Co	Electrical supplies	26 55
O 7766 O 7767 O 7768 O 7769 O 7770 O 7771	do	Robert W. McBride	Traveling expenses	26 55 7 77 69 85
O 7769	do	U. A. Adams	do	69 85
O 7770 O 7771	o	R. E. 20HDFO	A wnings atc	4 50 13 50
O 7772	do	Bausch & Lomb Optical Co.	doeral supplies General supplies Awnings, etc Apparatus repairs Office supplies Laboratory apparatus do Laboratory supplies do Traveling expenses do do	13 50 40 53
O 7772 O 7773 O 7774	do	Hektograph Mfg. & Duplicator Co	Office supplies	3 25
O 7774	do	Geo. Murphy, Inc.	Laboratory apparatus	1 61
O 7775 O 7776	do	Chas. G. Willoughby	do	65 00 4 17
O 7776	do	Samuel Harris & Co	Laporatory supplies	4 17
O 7777   O 7778	oo	S WALLE DISCUIS SHOP	Travaling avnances	2 40 25 68
O 7779	do	M. R. Carlson	- qo	25 08 21 05
O 7777 O 7778 O 7779 O 7780	do	Julius J. Ausen	do	18 40
Ŏ 7781	do	Edwin Behling	do	4 18
O 7782 O 7783	do 0	E. Garver May Massee C. A. Clark J. R. Brown J. Orton Finley Mrs. David M. Cory John Hetts Vaughan's Seed Store Charles M. Filson James B. Clow & Sons University Press Central Electric Co. Mittendorf & Kiler The Burr Co. American Steam Pump Co. H. A. Hollister Charles Block L. S. Starrett Co. Fuller & Fuller Co. Fearl Adams Manhattan Electrical Supply Co. Vaughan's Seed Store Charles Block L. S. Starrett Co. Fruiler & Fuller Co. Fearl Adams Brunswick Refrigerating Co. Charles H. Besly & Co. Enterprise Iron Works Brunswick Refrigerating Co. Charles H. Besly & Co. Smith-Totman Co. G. & W. Electric Specialty Co. Robert W. McBride C. A. Adams R. E. Zombro George Strode Bausch & Lomb Optical Co. Hektograph Mfg. & Duplicator Co. Geo. Murphy, Inc. Chas. G. Willoughby Samuel Harris & Co. Swartz Electric Shop H. C. Lawson M. R. Carlson Inlius J. Ausen Edwin Behling Chris C. Jensen.	Traveling expenses and services Traveling expenses	66 74 1 69
7783	do	Unris C. Jensen	Traveling expenses	1 69

No.	Date.	To whom.  F. A. Aust. Commercial Telephone & Telegraph Co.B. S. Pickett. E. W. Balley Nelson H. Ouimette R. W. Dickenson F. W. W. Socher S. V. Holt. C. C. Logan. C. Logan. C. Logan. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Logan. C. C. Samith. J. C. Logan. C. C. Samith. J. O. Tupper. Ernst Hertzberg & Sons. O. E. Staples, Bursar. Bennetts Magazine Agency. G. W. Sheldon & Co. James M. White. Montgomery Ward & Co. G. Cramer Dry Plate Co. Sweet, Wallach & Co. American Educational Co. American Hereford Breeders Assn. A. L. Sowers. American Milling Co. Albert Dickinson Co. John Richard. Zanesville Stoneware Co. Marine Biological Laboratory. Kimble Durand Glass Co. Spencer Lens Co. Crane Co. Crane Co. Charles Parker Co. Corona Chemical Co. Detroit Flower Pot Co. Wm. H. Broadwell. Smith & Co. The Colluloid Co. Associated Farm Papers. Mallinckrodt Chemical Works. Charles A. Campbell. J. S. Reimund. C. A. Denman. Taylor Hardware Co. P. S. Campbell. J. S. Reimund. C. A. Denman. Taylor Hardware Co. P. S. Campbell. J. S. Reimund. C. A. Denman. Taylor Hardware Co. C. R. Richards. Harold E. Babbitt. H. H. Stoek. A. K. Chittenden. R. E. Hellman Ansoo Co. A. L. A. Publishing Board Osgood Co. Chester Transfer Co. Champaign Seed Co. Cunningham Prothers. John H. Doyle. J. Horacee McFarland Co. C. A. Kiler Flands Parker Co. Champaign Seed Co. Cunningham Prothers. John H. Doyle. J. Horacee McFarland Co. C. A. Kiler Flands Parker Co. Champaign Seed Co. Cunningham Prothers. John H. Doyle. J. Horacee McFarland Co. C. A. Kiler Flands Parker Co. Champaign Seed Co. Cunningham Prothers. John H. Doyle. J. Horacee McFarland Co. C. A. Kiler Flands Co. Champaign Seed Co. Cunningham Prothers. John H. Doyle. J. Horacee McFarland Co. C. A. Kiler Flands Co. The Burr Co. The Burr Co. The Burr Co. The Burr Co. The Burr Co. The Burr Co. The Burr Co. The Bur	For what.	Amour
	1914.			
7784 7785	Apr. 16	F. A. Aust	Traveling expenses	\$ 14
7785 7786 7787	do	Commercial Telephone & Telegraph Co.	Telephone	6
7786 7787	ao	B. S. Pickett	Traveling expenses	19 8
7788	do	Nolson H. Ouimetta	do	50
7789	40	R W Dickerson	do	93
7790	do	F. W. Wascher	- do-	23 18
7791 7792 7793	do	S. V. Holt	0b	38
7792	do	C. C. Logan	do	4
7793	do	Chas. A. Campbell	do	5 18 7
7794	do	A. Bergen	Field expenses	18
7795 7796	do	Wavne Dinsmore	Traveling expenses	7 8 5
7796	do	H. P. Rusk	do	8
7797	do	Beardsley Hotel Co	do	5
7798 7799	do	Champaign and Urbana Water Co	General supplies	1 8
7799	do	Florence Harrison	Traveling expenses	8
7800	do	D. O. Barto	do	14
7801	do	$[\mathbf{F}, \mathbf{A}, \mathbf{C}, \mathbf{Smith}]$	do	3
7802	do	J. O. Tupper	Traveling expenses and services	32
7803	Apr. 18	Ernst Hertzberg & Sons	Binding	231
7804	do	O. E. Staples, Bursar	Student labor	80
7805 7806		Definetts Magazine Agency	magazines	3
7806 7807	ao	Tomos W. White	Travaling armanas	4 19
7808	100,	Montgomery Word & Co	Laboratory supplies	19
7800	do	G Cromor Dry Plate Co	Ganaral supplies	33
7809 7810	do	Sweet Wellach & Co	do	23
7811	do	A merican Educational Co	Books	5
7812	40	American Hereford Breeders Assn	Incidentals	ı
7812 7813	do	A. L. Sowers	Feeding stuffs	5
7814	do	American Milling Co	do	215
7815	do	Albert Dickinson Co	do	215 52
7816	do	John Richard	do	72
7817	do	Zanesville Stoneware Co	Laboratory apparatus	71
7818	do	Marine Biological Laboratory	Laboratory supplies	18
7819	do	Kimble Durand Glass Co	do	18 14
$\frac{7820}{7821}$	do	Spencer Lens Co	do	3
7821	do	Crane Co	Generla supplies	38 2 63 8
.7822	do	Charles Parker Co	Laboratory apparatus	2
7823	do	Corona Chemical Co	General supplies	63
$7824 \\ 7825$	do	Detroit Flower Pot Co	do	8
7825	do	Wm. H. Broadwell	do	1 25
$7826 \\ 7827$		Smith & Co	Care supplies	25
7828		The Centifold Co	Beeler	1
7829		Associated Farm Papers	L obereteny symplica	1
7830	do	Charles A Comphell	Transling armange	24 24
7831	do	T S Daimund	Cofe supplies	6
7832	do	C A Danman	Machinaranaire	510
7833	do	Taylor Hardware Co	Laboratory apparatus	519 47
7834	do	P. S. Campbell	Printing	Ti
7835	. do	Illinois State Reformatory	do	97
7836	do	Eimer & Amend	Laboratory apparatus	1 27 7
7837	do	Twin City Ice & Cold Storage Co.	General supplies	4
7838	do	E. H. Sargent & Co	Laboratory supplies	12
7839	do	Robert F. Hildebrand	General supplies	28
7840	do	Prof. C. R. Richards	Traveling expenses	54
7841	do	Harold E. Babbitt	[do	17
7842	do	H. H. Stoek	ao	18
7843	ao	A. K. Unittenden	T octures	9
7844	on	K. E. Hellman	Lectures	150
7845 7846	do	A II A Dublishing Poord	deneral supplies	11
7847	uo	Occased Co	Printing	17
7848	uo	Chartar Transfer Co	Dravage	44
7849	do	Champaign Seed Co	General supplies	35 62
7850	do	Cunningham Brothers	do	6
7851	do	Hunter, Rourke & Co	do	65
7852	do	S. E. Huff & Co.	do	14
7853	do	Bacon Brothers	do	15
7854	do	John H. Doyle	do	15 79
7855	do	J. Horace McFarland Co	Incidentals	'ĭ
7856	. do	C. A. Kiler	General supplies	$\frac{1}{2}$
7857	do	Flanigan-Pearson Co	Printing	30
7858	do	Alexander Lumber Co	Feeding stuffs	ı ö
7859	do	The Burr Co	Laboratory supplies	. 19
7860	do	Twin City Roofing Co	Building materials	28 32
7861	do	F. K. Robeson	Janitor's supplies	28 32 236
7862			ICI are anni I reconstilla a	236

No.	Date.	To whom.	For what.	Amoun
	1914.	H. A. Hollister Underwood Typewriter Co Roy G. Hart & Co International Acheson Graphite Co. Walker Vehicle Co. B. A. Railton Co. Morris & Co. Electric Appliance Co. Montgomery Ward & Co. Chas. G. Willoughby. Dallenbach Brothers. Roessler & Hasslacher Chemical Co. Fuller & Fuller Co. Illinois Electric Co. Central Scientific Co. Shavings & Sawdust Co. Edna Lyman Scott. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Pay roll. Dexter, Lydia A. Nagle, Sybil. O. E. Staples, Bursar Receivers, Central Union Telephone Co. The Linde Air Products Co. The Linde Air Products Co. The Linde Air Products Co. The Linde Air Products Co. Twin City Roofing Co. Bausch & Lomb Optical Co. Weil Bros. Bacon Brothers. John H. Doyle. The Chas. A. Hall Hardware Co. Knowlton & Bennett. S. E. Huff & Co. The Burr Co. B. A. Strauch Indian Refining Co. F. M. Leslie. Jas. H. Rices Co. J. W. Dunlap Chas. H. Besly & Co. General Electric Co. Wood Drill Works Engineering News. Power. Colonial Steel Co. A. J. Bentley. Champaign Daily Gazette. Bennett's Newspaper & Magazine Agency Western Valve Co. W. C. Bryant. Burley & Tyrrell Co. A. J. Bentley. Champaign Daily Gazette. Bennett's Newspaper & Magazine Agency Western Valve Co. W. C. Bryant. Burley & Tyrrell Co. J. Bishop & Co. Pitton Morks. Baker & Co., Inc. A. B. Ansbacher & Co. Mrs. J. F. Jolly Henry Fuermann & Sons J. Bishop & Co. Pitton Works Inling Brothers Everard Co. General Chemical Co. Heam. Crowther.		
7863	Apr. 20	H. A. Hollister	Traveling expenses	\$ 30
7864	do	Underwood Typewriter Co	Rental	3
7865	do	Roy G. Hart & Co.	Office equipment	3
7866 7867	do	Well-or Vehicle Co	Laboratory supplies	11 13
7868	do	B A Railton Co	Cafe supplies	24
7869	do	Morris & Co	General supplies	2
7869 7870	do	Electric Appliance Co	Laboratory apparatus	21
7871 7872	do	Montgomery Ward & Co	Laboratory supplies	1
7872	do	Chas. G. Willoughby	do	40
7873 7874	do	Dallenbach Brothers	do	14
7874	do	Roessler & Hasslacher Chemical Co	do	12
7875 7876 7877 7878	do	Fuller & Fuller Co	do	96
7876 7877	do	Gentral Scientific Co	Electrical supplies	16 16
7878		Charings & Candust Co	Fooding stuffs	92
7879	do	Edna Lyman Scott	Lecturer	250
7880	do	O E Stanles Bursar	Student labor	22
7881	do	O. E. Staples, Bursar	do	88
7882	Apr. 21	O. E. Staples, Bursar	General labor	148
7883 7884 7885	do	O. E. Staples, Bursar	do	51
7884	Apr. 23	O. E. Staples, Bursar	do	36 120
7885	do	Pay roll	April, 1914	120
	[	Dexter, Lydia A	Salary, April, 1914 \$70 00	
7000		Nagie, Sybii	Gt-1	
$\frac{7886}{7887}$	Apr. 24	Descrivers Control Hair Walsham Co	Student labor	29 156
7888		L W Putler Pener Co	Office stationery	22
7880	do	The Linda Air Products Co	Ovvgon	1
7889 7890	do	F H Whittum	Analyzae	18
7891	do	W. I. Smith	Thermoregulators	55
7892	do	E. H. Sargent & Co.	Laboratory supplies	127
7893	do	Twin City Roofing Co	Roofing	132
7894	do	Bausch & Lomb Optical Co	Apparatus	20
7895	do	Weil Bros	Tin, wire	26
7896	do	Bacon Brothers	Paints, glass, etc	6
7897	do	John H. Doyle	Hardware supplies	30 13
7898	do	The Chas. A. Hall Hardware Co	Bolts, nails, etc	13
7899	do	Knowlton & Bennett	General supplies	. 8
7900	do	S. E. Huff & Co	Lumber	33
$\frac{7901}{7902}$	00	The Burr Co	Repairs, etc	19 4
7903	do	Indian Refining Co	Cil Cil	60
7904	do	F M Leslie	Framing	20
7904 7905	do	Jas. H. Rices Co	Building material	20
7906	do	J. W. Dunlap	Mason work	113
7907	do	Chas. H. Besly & Co	Tools	6
7908	do	General Electric Co	Carbon brushes	5
7909	do	W. F. & John Barnes Co	Tools	28
7910	do	Wood Drill Works	Laboratory apparatus	56
$7911 \\ 7912$	Apr. 24	Engineering News	Advertising	4
7912	do	Colomial Ctaal Co	T about tony graphics	3
7913	do	Δ T Rantlav	Duetore Supplies	56 56 56 4 33 56
7915	do	Champaign Daily Gazette	Subscription	4
7916	do	Bennett's Newspaper & Magazine Agency	do	1
7917	do	Western Valve Co	Valves	1 3 70
7918	do	W. C. Bryant.	Corn	70
7919	do	Burley & Tyrrell Co	Plates	13
7920	do	Fitted Steel Sash Works	Railing	13 143
7921	do	Fitted Steel Sash Works.  A. B. Ansbacher & Co. Mrs. J. F. Jolly.  Henry Fuermann & Sons. J. Bishop & Co. Platinum Works.  Inling Brothers Everard Co.  General Chemical Co.	Platinum wire	23
7922	do	A. B. Ansbacher & Co	General supplies	101
7923	do	Mrs. J. F. Jolly	Sulphur, etc	101
7924	ao	I Pichen & Co. Pleting Weeks	Panaira	24
$\frac{7925}{7926}$	uo	J. DISHOP & CO. FIRTHUM WORKS	Repairs. Binders, etc. Chemicals.	7
7926	uo	Ganaral Chamical Co	Chamicals	27 52
7928	do	Tra M Crowther	Egge	92
7929	do	A. A. Armstrong	Calf	8 175
7930	do	Reliable Plumbing & Heating Co	Supplies	194
7931	do	Jacob White	Plastering	194
7932	do	G. C. Willis	Supplies	2
7022	do	D. H. Lloyde	Films, etc.	l 2
7934	do	Percival & Moorehead	Hardware.	8 2 2 1 19
7935	do	Watson Faulkner	Oil, etc	ĩ
7936	do	John W. Spalding	Horseshoeing	8 47
7037	do	General Chemical Co. Ira M. Crowther. A. A. Armstrong Reliable Plumbing & Heating Co. Jacob White. G. C. Willis. D. H. Lloyde. Percival & Moorehead. Watson Faulkner. John W. Spalding. Ernst Hertzberg & Sons. Pantagraph Printing & Stationery Co. Munhall Printing House.	Binding	47
7938 7939	do	Pantagraph Printing & Stationery Co	Printing	10
7939				

No.	Date.	To whom.	For what.	Amour
	1914.	Vaughan's Seed Store L. L. Olds Seed Co. Manhattan Electric Supply Co. Hurd & Harrun. The Kentucky Tobacco Product Co. H. Swannell & Son. Lallie Surveying Instrument Co. Henry A. Dreer, Inc. The Chas. A. Strelinger Co. Standard Oil Co. B. L. Bowling. Commercial Acetylene Railway, Light & Signal Co. D. T. Heimlicher. C. Hasler. Hegenbart Co. L. H. Provine. International Press Clipping Bureau. James G. Biddle. T. H. Craig. W. F. Murphey. The Devilbiss Mig. Co. Montgomery Ward & Co. The Geo. J. Roberts Co. W. W. Walls & Co. W. Lewis & Co. W. Lewis & Co. James B. Clow & Sons. Taylor Hardware Co. Friend" Mig. Co. Sweet, Wallach & Co. Library Buroau. O. E. Shobe. "Friend" Mig. Co. Sweet, Wallach & Co. Library Buroau. Olin H. Moore. E. E. Hoskins. M. L. Nebel. H. C. Wheeler. H. C. Gilkerson. R. W. Dickenson. F. W. Wascher. J. L. Edmonds. S. V. Holt. W. J. Carmichael. J. B. Andrews. F. M. Simpson. George W. Medley C. C. Logan. O. S. Fisher E. M. Clark R. E. Hieronymus D. F. McFarland. M. J. Wright. Jos. H. Checkley C. H. Woolbert. Miss Mary E. Ahern E. C. Hayes. W. H. Smith Pay roll Blackburn, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Bengle, Ralph N Pine, Fred J. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colcord, F. Colco		
7940	Apr. 24	Vaughan's Seed Store	Seeds	\$ 1 5
7941	do	L. L. Olds Seed Co	do	5
7942	do	Manhattan Electric Supply Co	Primary coil	1
7943 7944	do	Hurd & Harrun	Machinery	60 27 1
7944 7945 7946 7947 7948	do	The Kentucky Tobacco Product Co	Laboratory supplies	1 27
7046	do	Lollie Surveying Instrument Co	Steel tene	10
7946 7947	do	Henry A Dreer Inc	Grass seed	19 5
7948	do	The Chas. A. Strelinger Co.	Drills.	4
7949	do	Standard Oil Co	Oil	38
7950 7951	do	B. L. Bowling. Commercial Acetylene Railway, Light &	General labor	38
	1 -	Signal Co	Gas	3
$\frac{7952}{7953}$	do	D. T. Heimlicher	Cockerel	3 3 58
7953	do	C. Hasler	Harness, etc	58
7954	do	Hegenbart Co	Sausage	1 2
$7955 \\ 7956$		International Programma Purcou	Garrieo	38 10
7957	do	Tomas G Riddla	Annaratus	19
7958	do	T H Craia	Renairing	1 . 3
7959	do	W. F. Murphey	Groceries	10 12 149 149 52
7959 7960	do	The DeVilbiss Mfg. Co	Atomizer	1
7961	do	Montgomery Ward & Co	Field glasses	52
7962	do	The Geo. J. Roberts Co	General supplies	8
7963	do	W. W. Walls & Co	Lumber	22 2 5 6
7964	do	W. Lewis & Co	Supplies	2
7965	do	James B. Clow & Sons	do	5
7966 7967	do	Taylor Hardware Co	H 0Se	6
7967	do	Flanigan-Pearson Co	Printing	. 6
7968	do	A morison Haroford Decord Assn	Balarica due for record	1
7070	do	O F Shohe	Tree of team	2
$7970 \\ 7971$	do	"Friend" Mfg Co	Machine supplies	1 2
7972	do	Sweet Wallach & Co	Laboratory apparatus	4
7973	do	Library Bureau	Cards.	90
7973 7974	do	Olin H. Moore.	Express.	90
7975	do	E. E. Hoskins.	Traveling expenses	31
7976	do	M. L. Nebel	do	31 12
7977	do	H. C. Wheeler	do	32
7978	do	H. C. Gilkerson	do	18
7979	do	R. W. Dickenson	do	29
7980 7981	ao	F. W. Wascner		32 18 29 41 10
$7981 \\ 7982$	do	C W Helt		35
7983	do	W T Cormichael	do	9
7984	do	T R Andrews	do	97
7985	do	F. M. Simpson	do	27 21
7985 7986	do	George W. Matheny	do	15
7987	do	George W. Medlev	Field expenses.	19
7987 7988	do	C. C. Logan	Traveling expenses	19 20
7989	do	O. S. Fisher	do	56
7990	do	E. M. Clark	do	13
7991	do	R. E. Hieronymus	do	44
7992	do	D. F. McFarland	ao	14
7993	ao	IT Cheeklay	do	10
7994 7995	do	C H Woolbert	do	1 5 23
7996	do	Miss Mary E. Ahern	Lecture and traveling expenses	93
7997	do	E. C. Haves	Traveling expenses.	5
7998	do	Jacob Fen Boer	Field expenses	25
7998 7999	do	A. L. Moats	do	20
8000	do	W. T. Crandall	Traveling expenses	11
8001	do	Garfield Jones	do	13
8002	do	W.H. Smith		2, 552
8003	do	Pay roll	Words April 1014	2,552
	í	Lover T F	wages, April, 1914 \$ 65 00	
		Marice Peul D	do 150 00	
	l	Burdick I F	do 25 00	
	1	Andrews, J. B	_do50 00	
	1	Blackburn, Fred J	do	
	1	Engle, Ralph N	do 30 00i	
		Pine, Fred	do	
1	1	Campbell, Chas. A	do	
	1	Chapman, C. C	do 100 00	
		Colcord, F. M	do 22 50	
		DeWerff, H. A	do 57 50	
		Dunham, R. S	ao	
		H11H0rd, C. T	ao	

No.	Date.	Lankford, John. Reed, Alice. Sims, Flora M. Wright, Jr., Douglas Bennett, W. L. Dunlap, B. H. Hunter, L. A. Stark, R. W. Anderson, J. C. Tornquist, Andrew. Engle, W. J. Foster, O. F. Stoutzenberg, Florence. Johns, W. E. Crouch, H. E. Palfrey, John. Cate, H. A. Lawson, H. C. Garver, Earl Jensen, Chris, C. Carlson, M. R. Ausen, Julius Paley, I. Behling, Edwin. Beardsley, G. W. Walters, Philip. Pay roll. Argo, Roy. Barto, Lucy M. Chaplin, Ralph. Cook, Jesse. Crawford, T. P. Goodspeed, W. S. Harolle, Claude. Hough, William Jenkins, Elmer Kelley, J. R. Magnuson, A. O. Meenach, Earl Morgan, J. E. Patterson, Will Pergande, R. Pritchard, H. Rhoads, Hazel Rose, M. D. Sincalar, C. R. Sprinkle, D. C. Stoneburner, A. J. Swearingen, Daisy O. Wilson, R. W. Askins, Levi Roy. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, G. F. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. Brown, E. J. B	For what.	Amount
-	1914.			
O 8003	Apr. 24	Lankford, John	Wages, April, 1914 \$ 60 00	
Cld.	J	Sime Flore M	do	
	i	Wright Ir Dougles	do 16.50	
		Bennett, W. L.	do	
		Dunlap, B. H	do 60 00	
	i	Hunter, L. A	1. do	
	ĺ	Anderson T C	do 70.00	
		Tornguist, Andrew	do	
		Engle, W.J	do 70 00	
	Ì	Foster, O. F.	do	
		Johns W E	do 27 50	
		Crouch, H. E	do	
		Palfrey, John	do	
		Cate, H. A.	do	
		Lawson, H. C	do 65 00	
		Jensen, Chris, C	-do	
		Carlson, M. R.	do	
		Ausen, Julius	do 55 00	
		Paley, I	do 55 00	
		Beardsley, G. W.	.do	
		Walters, Philip	do	
8004	do	Pay roll	April, 1914	\$3,694 (
		Argo, Roy	Wages, April, 1914 55 00	
		Chaplin, Ralph	do 60 00	
		Conley, M. J.	do	
		Cook, Jesse	do 55 00	
		Crawford, T. P	do 50 00	
		Harolle Claude	do 40 00	
		Hough, William	_do83 33	
		Jenkins, Elmer	do 60 00	
		Kelley, J. R	do	
- 1		Magnuson, A. O	do 65 00	
		Morgan, J. E	do	
		Patterson, Will	do	
ĺ		Pergande, R	do 95 00	
		Rhoads Hazal	do 60 00	
		Rose, M. D.	do	
		Sinclair, C. R.	do 65 00	
l		Sprinkle, D. C	do	
l		Swearingen Daisy O	do 50 00	
i		Wilson, R. W	do	
1		Askins, Levi Roy	do	
	•	Brentlinger, Emmett P	do	
1		Brown E I	do 45 00	
l		Brown, Edward.	do	
	.	Bullock, T. D	do	
1		Conrad, Emma	do	
.		Corson, A. J		
		Dale Fred	do	
Į	i	Dillion, Jasper.	do	
İ		Doyle, Bernard	do	
Į.	ļ	Egelston, Asa T	do	
}	j	Gossett I Oliver	do 60 00	
		Grabbe, Florence H.	do	
- 1	1	Griffith, L. A	do	
	j	Hamlin, Clyde		
1		Hamlin W T	do 45 00	
		Heath, William	.do	
		Hensel, Etta	do	
ĺ		Herbert, J. J.	do	
1	1	Houser, Frank E		
		Jacobson, I. D	do 50 00	
		Luther, Ida Louise	.do	
	i	Morch W T	do 27 00	

No.	Date.	To whom.	For what.	Amour
	1914.	McQueen, H. D. Marshall, Samuel A Miller, W. W Mink, George Moore, H. E Mount, Harold Nesbit, Lawrence Pollard, Charles Prewitt, Floyd E Pritchard, R Proesel, William Redman, Louise E Ross, Roy M Sanders, Frank Sayer, Clint Shipman, Cash Shue, Mrs. Lizzie B Stephens, William R Stivers, M. F Stoltzfus, Amos L O. E. Staples, Bursar Pay roll Allison, I. D Bunch, Mamie Harry, W. L C. R. Clark A. E. Morris H. J. Snider A. M. Brunson F. A Pearson	,	
8004	Apr. 24	McQueen, H. D.	Wages, April, 1914 \$ 50 00	
Cld.		Marshall, Samuel A	do	
	i	Miller, W. W.	do 75 00	
		Mink, George	do	
		Moore, H. E	do 50 00	
	ļ	Mount, Harold	do 55 00	
	i	Nesbit, Lawrence	do 50 00	
	1	Pollard, Charles	do 50 00	
	1	Prewitt, Floyd E	do 50 00	
	ļ	Pritchard, R.	do 60 00	
		Proesel, William	do	
	1	Redman, Louise E	do 60 00	
	1	Ross, Rov M	do 80 00	
		Sanders, Frank	do 50 00	
	1	Saver, Clint.	do	
		Shipman, Cash	do	
		Shije, Mrs. Lizzie B	do	
	1	Stephens, William R	do	
		Stivers, M. F.	do	
		Stoltzfus, Amos L.	do	
8005	do	O. E. Staples, Bursar	General labor	\$ 142
8006	Apr. 27	Pay roll.	April, 1914	295
		Allison, I. D	Salary, April, 1914 150 00	
	ł	Bunch, Mamie	do do	1
	1	Harry, W. L.	100 00	
8007	do	C. B. Clark	Traveling expenses	17
8008	do	A. E. Morris	Field expense	21
8009	do	H. J. Snider	Traveling expenses	10
8010	do	A. M. Brunson	do	10
8011	do	F. A. Pearson	do	49
8012	do	F. W. Garrett:	do	33
8013	do	U. S. Reduction Co.	Laboratory supplies.	18
8014	do	Albort F Wijostomon	Panaire	1
8015	do	Albert E. Wuesteman	RepairsLaboratory supplies	i
8016		The Adams Co	Laboratory supplies	4
8017	do	The S. Obermayer Co	do	16
8017 8018	do	John Sexton & Co		6
	do	William E. Cary	Laboratory supplies	0
8019	do	Frison Brothers	Repairs.	8
8020	do	O. E. Staples, Bursar American Steel & Wire Co	Student labor	56
8021 8022		American Steel & Wire Co	Fencing.	130
	do	United Wire & Supply Co. Library Bureau. Henry E. Tufts.	Copper tubing	25
8023	do	Library Bureau	Pamphlet cases	30
8024	do	Henry E. Tuits	General supplies	7
8025	do	University Press	Programs	2
8026 8027	do	The Davis Ewing Concrete Co	Fencing.	104
8027 8028	do	Hazard Mig. Co	Telephone apparatus	64
8028	do	Commercial Acetylene Railway Light &	~	١ .
0000		Signal Co	Gas	3
8029	do	W. F. Murphey	General supplies	31
8030	do	Charles H. Besly & Co	Rules	2
8031	Apr. 28	Henry E. Tuits. University Press. The Davis Ewing Concrete Co. Hazard Mfg. Co. Commercial Acetylene Railway Light & Signal Co. W. F. Murphey. Charles H. Besly & Co. Weil Brothers. Tica & Lynch	General supplies	2
8032	1			5
8033	do	Western Electric Co	Mazda lamps	143
8034	do	Franz A. Aust	Traveling expenses	10
8035	do	H. W. Mumford	do	21
8036	do	H. W. Mumford. B. E. Powell F. M. Leslie	do. Frames	9
8037	do	F. M. Leslie	Frames	5
8038	do	General Electric Co	Laboratory supplies	1
8039	do	The Garlock Packing Co	Guass rings	6
8040	do	Vaughans Seed Store	Supplies	4
8041	do	Flanigan-Pearson Co	Printing	370
8042	do	Raiph Chaplin	Traveling, expenses, etc	96
8043	do	A. J. Gunderson.	Traveling expenses	7
8044	do	E. W. Bailey	do	7
8045	do	O. M. Allyn	do	19
8046 8047	do	L. A. Hunter	do	6
8047	do	A. J. Gunderson. E. W. Bailey. O. M. Allyn. L. A. Hunter. Wendell Heighton, Manager. Edward Chauncey Baldwin. H. A. Hollister The Adams-Bagnall Electric Co.	Contract	1,200
8048	do	Edward Chauncey Baldwin	Traveling expenses	7
8049	do	H. A. Hollister	do	20
8050	do	The Adams-Bagnall Electric Co	Thermo globes	3
8051	do			
8052	do	Osgood Co. The Linde Air Products Co. The Warren Brush Co.	Oxygen	3
8053	do	The Warren Brush Co	Brushes and handles	12
8054	do	Smith-Totman Co	Supplies	5
8055	do	Smith-Totman Co. The Weis Mfg. Co.	Office supplies.	6
8056	do	Pay roll Ham, Raymond Harding, Clayton Forest.	April 1914	147
5000		Ham, Raymond	Wages, April, 1914 47 00	1 -1.
	1	Harding Clayton Forest	do 100 00	d
			Laboratory apparatus	86

No.	Date.	To whom.	For what.	Amount
	1914.	_		
8058 8059	Apr. 29	P. D. Long H. C. Gilkerson F. W. Garrett James Mfg. Co. T. H. Guild B. H. Bode A. H. Sutherland G. A. Garrison Commercial Camera Co.	Field expenses	\$ 26 8 13
8059 8060	do	F W Garrett	Traveling expenses	10
8061	do	James Mfg. Co.	reight. Traveling expenses.	2.1
8062	do	T. H. Guild.,	Traveling expenses	10
8063 8064	do	B. H. Bode	do	3 9
8064 8065	do	A. H. Sutherland	Labor on well	15
8065 8066	do	Commercial Camera Co	Supplies	17 ( 333 (
8067	do	Commercial Camera Co. Sanford Mfg. Co. Tower Mfg. & Novelty Co. Library Bureau. Kokomo Steel & Wire Co. Southern Illinois Penitentiary. T. A. Keleher. Armstrong Cork Co. Neostyle Co. Ward's Natural Science Establishment. Driver Harris Wire Co. Gym Store. Barnhart Bros	do. Numbering machine	9 .
8068 8069	do	Tower Mfg. & Novelty Co	Numbering machine	10
8069 8070	do	Library Bureau	Numbering machine Paper Supplies Limestone Eggs Corks Suppliesdododo Tennis nets Supplies	1
8071	do	Southern Illinois Penitentiary	Limestone	24 (
8072 8073	do	T. A. Keleher	Eggs	1 30
	do	Armstrong Cork Co	Corks	30 (
8074	do	Neostyle Co	Supplies	10 (
8075 8076	do	Ward's Natural Science Establishment	do	9 :
8076 8077	do	Gym Store	Tennis nets	7
8078	do	Barnhart Bros.	Supplies	13
8079	do	Twin City Roofing Co	Supplies Roofing, etc. Concrete work Printing	165 23
8080	do	F. A. Hawley	Concrete work	23
8081 8082	do	Illinois State Reformatory	Printing	255
8082 8083	do	The Ches A Well Herdwere Co	General labor Stove bolts, etc Supplies	78 30
8084	do	G. C. Willis	Supplies	1
8085	do	Knowlton & Bennett.	Glass	6
8086	do	Miller Harness Co	Harness, etc	14
8087 8088	do	Eugene Dietzgen Co	Repairs, etc	4
8088 8089	do	Hunter, Rourke & Co	Lumber	10 17
8090	do	F A Hawley	Renairing concrete	21
8091	do	The H. W. Wilson Co	Binding	4
8092	do	G. W. Sheldon & Co	Lumber. Laboratory supplies. Repairing concrete Binding. Freight, customs.	4 17
8093	do	G. W. Sheldon & Co	Entry	1 5
8094	do	L. E. Young.	Freight, customs Entry. Traveling expenses. Nursery stock. Laboratory supplies. Paper towels. Oil. Machine repairs. Plants	8 7
8095 8096	do	Planta Mfg. & Supply Co.	Loboratory supplies	22
8097	do	Stone & Forsyth Co	Paper towels	32 31
8098	do	E. W. Sampson	Oil	
8099	do	Firson Bros	Machine repairs	2 2 1 1 8 70 5
8100	do	Thos. Franks & Son	Plants	1
8101 8102	ao	Torverd Apperentencent	Toboratory apparetus	6
8102 8103	do	W W Coblentz	Plants Postage Laboratory apparatus do Books	70
8104	do	G. E. Stechert & Co.	Books	5
8105	do	Simplex Electric Heating Co	Dooks. Laboratory apparatus. Printing. Apparatus repairs. Expert services. Traveling expenses.	40 6 2 74
8106	do	P. S. Campbell	Printing	6
8107 8108	do	Sullivan Machinery Co	Apparatus repairs	2
8108 8109	Apr. 30	Devid M Fyffe	Traveling expenses	21
8109 8110	do	Fannie Brooks	Lectures	45
8111 8112	do	Spencer Lens Co.	Laboratory apparatus	40
8112	do	O. E. Staples, Bursar	Express	2
8113 8114	do	Neostyle Co. Ward's Natural Science Establishment. Driver Harris Wire Co. Gym Store. Barnhart Bros. Twin City Roofing Co. F. A. Hawley. Illinois State Reformatory. O. E. Staples, Bursar. The Chas. A. Hall Hardware Co. G. C. Willis. Knowlton & Bennett. Miller Harness Co. Eugene Dietzgen Co. Hunter, Rourke & Co. E. H. Sargent & Co. F. A. Hawley. The H. W. Wilson Co. G. W. Sheldon & Co. G. W. Sheldon & Co. G. W. Sheldon & Co. G. W. Sheldon & Co. G. W. Sheldon & Co. D. E. Young. The Storrs & Harrison Co. Blanke Mig. & Supply Co. Stone & Forsyth Co. E. W. Sampson Firson Bros. Thos. Franks & Son. F. B. Judge, Superintendent Harvard Apparatus Co. W. W. Coblentz. G. E. Stechert & Co. Simplex Electric Heating Co. P. S. Campbell. Sullivan Machinery Co. J. M. Lindgren. David M. Fyffe. Fannie Brooks Spencer Lens Co. O. E. Staples, Bursar. O. E. Staples, Bursar. The Chas. A. Hall Hardware Co. Royal A. Stipes. G. C. Willis. H. Swannell & Son. Eimer & Amend Eugene Dietzgen Co. Twin City Lee & Cold Storage Co. Hazard Mig. Co. Ferguson Lumber Co. W. W. Walls & Co. Pay roll. Bennett, A. N. Boorum & Pease LL Book Co. J. W. Butler Paper Co. Stipes & Hecker. The Burr Co. Miller Harness Co. Barnhart Brothers. S. E. Huff & Co.	Lectures Laboratory apparatus. Express. Student labor	
8114 8115	do	The Chas. A. Hall Hardware Co	Saw. Coal. Wire. Laboratory suppliesdo. Paper. Coupon book. Supplies. Lumber. Traveling expenses. Plaster. April, 1914. S75 00 Supplies Paper. Cement. Supplies, etc. Supplies. Jumber. Printing.	2
8116	do	G. C. Willis	Wire	2
8117	do	H. Swannell & Son.	Laboratory supplies	1 1 1 6
8118	do	Eimer & Amend	do	1
8119	do	Eugene Dietzgen Co	Paper.	6
$8120 \\ 8121$	00	Hazard Mfg. Co.	Coupon book	25 28 46
$8121 \\ 8122$	do	Farguson Lumber Co	Lamber	46
8123	do	W. W. Kemp	Traveling expenses	7
8124 8125	do	W. W. Walls & Co	Plaster	7 7 7 75
8125	do	Pay roll	April, 1914	75
0100		Bennett, A. N.	Salary, April, 1914 \$75 00	
8126	0D	Boorum & Pease LL Book Co	Supplies	153
8127 8128	ao	Stines & Hecker	Cement	153
8128 8129	do	The Burr Co.	Supplies, etc	13
8130	do	Miller Harness Co.	Supplies.	10
8131	do	Barnhart Brothers	đo	10
8132	do	S. E. Huff & Co	Lumber	16
8133	do	Illinois State Reformatory.	Printing. Roofing, etc. Laboratory supplies.	127 62
8134	ao	Twin City Roofing Co. E. H. Sargent & Co.	Tobanatawa gampliag	11

No.	Date.	To whom.	For what.	Amour
•	1914.		0	
8136	Apr. 30	D. H. Lloyde. A. C. McClurg & Co. Irving-Pitt Mfg. Co.	Supplies	\$ 14
8137	do	A. C. McClurg & Co.	do	11
8138 8139	do	Louis Melind Co.	dodo	í
8140	do	Louis Melind Čo. The Tablet & Ticket Co. Taylor Hardware Co. Bacon Brothers. A. S. Nelson & Sons. S. E. Dillavou. Champaign Seed Co. T. H. Craig. Ernst Hertzberg & Sons. B. A. Strauch. E. Davenport. J. B. Marshall H. J. Snider. College of Agriculture	do	6
8141	do	Taylor Hardware Co	-do	ı š
8142	do	Bacon Brothers	Glass, etc.	25
8143	do	A. S. Nelson & Sons	Laboratory supplies	13
8144	do	S. E. Dillavou	Machinery	51
8145	do	Champaign Seed Co	Feeding stuffs	16
8146	do	T. H. Craig.	Repairs	3
8147		Ernst Hertzberg & Sons	Dovoloning prints	21
8148 8149	Mov 4	F Davennert	Traveling expenses	3
8150	do	T R Marchall	Field expenses	93
8151	do	H. J. Snider	Traveling expenses	31
8152	do	College of Agriculture	do	38
8153	do	C. C. Logan	do	22
8154	do	College of Agriculture	do	42
8155	do	Geo. W. Medley	Field expenses	32
8156	do	H. J. Shider C. C. Logan College of Agriculture Geo. W. Medley. F. W. Wascher H. C. Wheeler B. W. Dickenson	Traveling expenses	45
8157	do	H. C. Wheeler		47
8158	ao	K. W. Dickenson.	do	51
8159	uo	O. H. MCOHOC.		
8160 8161	do	C. E. Durst Fred J. Blackburn Library of Congress H. A. Hollister J. E. Whitchurch Harry C. Gilkerson R. W. Dickenson F. W. Garrett Wm. Aten, Sr. Albert Fate	do	25
8162	do	Library of Congress	Catalog cards	75
8163	do	H. A. Hollister	Traveling expenses	27
8164	do	J. E. Whitchurch	do	50
8165	do	Harry C. Gilkerson	do	12
8166	do	R. W. Dickenson.	do	36
8167	do	F. W. Garrett	do	20
8168	do	Wm. Aten, Sr	Field expenses	36
8169	do	Albert Tate	do	63
8170	do	Albert Tate. A. L. Moats. John W. Dye.	do	23
8171	do	John W. Dye.	Drains.	99
8172		Stephen Rogers Beers & Clinkenbeard	Field expenses	46
8173	do	Lohn Croper	Bond premium	10
8174 8175	do	John Crerar S. O. Andros	Catalog cards	50 10
8176		Frank J. Warne.		25
8177	do	G. E. Stechert & Co	ldo	19
8178	do	H. J. Snider	Traveling expenses	15
8179	do	Chas. A. Campbell	do	37
8180	do	F. W. Wascher	do	39
8181	do	H. J. Snider Chas. A. Campbell F. W. Wascher C. C. Logan	do	25
8182	uo	HI. I. MCKIMMEV	1	9
8183	do	A. V. Essington	T options	16
8184 8185	do	Dr. J. J. Findley Dr. H. V. Canter	. do Lecture Traveling expenses.	200
8186	do	John McCullough	Rentals	192
8187	do		l do	1 150
8188	do		Traveling expenses	26
8189	do	J. G. Mosier	do	. 21
8190	do	H. C. Wheeler	do	48
8191	do	Wm. Powell	Field expenses	43
8192	do	O. S. Watkins.	Traveling expenses	.  38
8193	do	N. Clifford Ricker	Rent and printing	17
8194 8195	do	J. H. Browning Yetta Scheftel.	Traveling expenses	12
8196	do	Eimer and Amend	Laboratory supplies	1 2
8197	do	Frank L. Collver	Laboratory apparatus	
8198	do	Frank L. Collyer International Press Clipping Bureau Geo. B. Carpenter & Co.	Clipping	Î
8199	do	Geo. B. Carpenter & Co	Bales No. 1, waste	23
8200	do	American Medical Assn. Central Electric Co	Medical directory	. 7
8201	do	Central Electric Co	Laboratory supplies	. 50
8202	do	Baker & Co. Automatic Electric Co.	do.	. 4
8203	do	Automatic Electric Co	Telephone supplies	. 35
8204	ao	Coorgo McCoboy	Laboratory supplies	.l 91 .l 425
8205	do	Woldenberg & Schaar George McGahey Carbondale Printing Co	Printing	425
8206 8207	do	Ideal Electric Co.	Ganaral supplies	. 26
8208	do	Charles F. Haak	Drawings	28
8209	l. do	Sears, Roebuck & Co	Office supplies	40
8210	do	R. W Brathwaite.	Expert services	23
8211	do	Ideal Electric Co. Charles F. Haak. Sears, Roebuck & Co. R. W Brathwaite. Chas. F. Witt Est. S. H. Burton. Vaughans Seed Store. J. Many. Engraving Co.	Whip	"1
8212	May	S. H. Burton	Live stock	105
8213	do	Vaughans Seed Store	Labels, etc.	14
8214	1 40	J. Manz Engraving Co	Printings	.1 14

No.	Date.	To whom.	For what.	Amoun
	1914.	The Grasselli Chemical Co.  Mrs. J. F. Jolly The Bean Spray Co. National Engraving Co. Walker & Mulliken G. C. Willis. Whitall Tatum Co. Twin City Electric Co. General Bakelite Co. J. D. White. R. E. Hieronymous Shultz Seed Co. C. O. Taylor G. E. Amsbary Comner and Quayle. George W. Jones, Editor C. M. Parker N. T. Peirce. Scudamore Brothers. Oakland Printing Shop The Frederick Post Co. Charles L. Anderson The Daily Illini. Maple Farm of Midlothian The Kny-Scherer Co. Nelson Lewis Greene. Albert E. Wuesteman E. P. Reichhelm & Co. Walter F. Handschin John C. Moore, Corporation The Champaign Daily Gazette Pearl A dams General Chemical Co. H. C. Klett C. W. Croy Stipes & Hecker G. Cramer Dry Plate Co. Huntor, Rourke & Co. G. W. Sheldon & Co. Goder-Helmann Co. Stipes & Hecker Royal A. Stipes Sweet, Wallach & Co. Standard Cap & Seal Co. Automatic Electric Co. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples		
8215	May 7	The Grasselli Chemical Co	Supplies Crates Machine repairs Printing and publishing. Frames Broad cloth. Museum jars. Cord and plug. Laboratory supplies Stamps Traveling expenses. Catalogs. Bedding straw Bran Frield expenses. Advertising do Lime Towels and soap Printings.	\$ 64
8216 8217	do	Mrs. J. F. Jolly	Crates	5
8217 8218	do	The Bean Spray Co	Macnine repairs	9 27
8219	do	Walker & Mulliken	Frames	2
8220	do	G. C. Willis	Broad cloth	4
8221	do	Whitall Tatum Co	Museum jars	16
8222 8223	do	Twin City Electric Co	Cord and plug	5
8223 8224	do	General Bakelite Co	Laboratory supplies	175
8225	do	R E Hieronymous	Traveling avnenges	475 48
8226	do	Shultz Seed Co.	Catalogs	30
8227	do	C. O. Taylor	Bedding straw	8
8228	do	G. E. Amsbary	Bran	9
8229 8230	do	Conner and Quayle	Field expenses	21 11
8231	do	C M Parker	Advertising	11 8
8232	do	N. T. Peirce	Lime	8 5 1
8233	do	Scudamore Brothers	Towels and soap	Ĭ
8234	do	Oakland Printing Shop	Printings	4
8235	May 7	The Frederick Post Co	Office supplies	37
8236 8237	do	Charles L. Anderson	Farm machinery	37
8238	do	Manle Farm of Midlothian	Printings. Office supplies. Farm machinery. Advertising Live stock Labortory apparatus. Charts. Madel	50
8239	do	The Kny-Scherer Co	Labortory apparatus	15
8240	do	Nelson Lewis Greene	Charts	1
8241	do	Albert E. Wuesteman	Medal	36
8242	do	E. P. Reichhelm & Co	Modal Laboratory supplies Expert services Blanks Advertising Labor Calcium carbide	19
8243 8244	do	Walter F. Handschin	Expert services	3 7
8245	do	The Champaign Daily Gazette	A dwartiging	
8246	do	Pearl Adams	Labor	107
8247	do	General Chemical Co	Calcium carbide	107 8 1
8248	do	H. C. Klett	Seed corn	1
8249 8250	do	C. W. Croy	Wells	6
$8250 \\ 8251$	do	Stipes & Hecker	Sand	3
8252	do	Hunter Rourke & Co	Building rangire	40 29
8253	do	G. W. Sheldon & Co	Calcium carbide. Seed corn. Wells. Sand. Supplies. Building repairs. Draft and expenses. Museum supplies. Lime and cement. Nut coal	68
8254	do	Goder-Heimann Co	Museum supplies	70
8255	do	Stipes & Hecker	Lime and cement	4
8256	do	Royal A. Stipes	Nut coal	7
8257	do	Sweet, Wallach & Co	Case seeds	14 4
8258 8259	do	Automatic Electric Co	Phone supplies	27
8260	do	O. E. Staples, Bursar	Student labor	243
8261	do	O. E. Staples, Bursar	do	243 178
8262	do	O. E. Staples, Bursar	General labor	113
$8263 \\ 8264$	May 8	H. D. Oberdorier	Traveling expenses	$\frac{2}{34}$
8265	do	F Von Aletine	do	34 18
8266	.do	O. S. Fisher	do	56
8267	do	Frank Morgan	Field expenses	50
8268	do	Henry Pfau	do	46
8269	do	Alfred Bergren	Lime and cement. Nut coal. Case seeds Rentals. Phone supplies. Student labor. do. General labor Traveling expenses. do. do. do. field expenses. do. Coal. General coal. General coal. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses. Fried expenses.	27
$8270 \\ 8271$	ao	E G Soltmann	Office supplies	30
8272	do	Cresent Engraving Co.	Printing and publishing	15
8273	do	Osgood Co.	do	12 15 126
8274	do	Leesley Brothers	do	7
8275	do	Metzler & Schafer Co	Cafeteria supplies	49
8276	do	Dallenbach Bros	do	111
$8277 \\ 8278$	do	W. Lawis Co.	do. Laboratory supplies	23
8279	do	The Cable Co	"101 Best Songs"	5 17
8280	do	W. H. Stark Nursery	Nursery supplies	4
8281	do	National Drain Tile Co	Drains	87 87
8282	do	Chicago Flexible Shaft Co	Drains. Machine repairs. General supplies. Wheat straw.	13
$82.3 \\ 8284$	00	G. O. Toylor	General supplies	13 74
$8284 \\ 8285$	do	I W Butler Paper Co	Office supplies	14 2
8286	do	The Tablet & Ticket Co	Office supplies.	6
8287	do	The Wm. Cramp & Sons	Laboratory supplies	6
8288	do	Pratt & Whitney Co	Laboratory apparatus	$\hat{b}$
8289	do	Crane Co	wheat straw Office supplies Office supplies Laboratory supplies Laboratory apparatus	5
$8290 \\ 8291$	do	U. S. Reduction Co	General supplies	9 25
$8291 \\ 8292$	do	Millar Harness Co	Farm machinery Wax bags and clips	25

No.	Date.	To whom.	For what.	Amount.
	1914.	Standard Cap & Seal Co. P. S. Campbell J. R. Gentleman Urbana & Champaign Gas & Electric Co. The Creamery Package Mfg. Co. Standard Oil Co. Etllwanger & Barry I. E. Ilgenfritz & Sons Co. Standard Nurseries Ellwanger & Barry I. E. Ilgenfritz & Sons Co. Shenadoah Nurseries. Stark Bros. Nursery Co. Shenadoah Nurseries. Wild Bros. Nursery Co. Sherwin William Co. Reliable Plumbing & Heating Co. Twin City Ice & Cold Storage. Hunter, Rourke & Co. F. M. Leslie. Bausch & Lomb Optical Co. G. E. Stechert & Co. Eisner Grocery Co. J. W. Percivall. Irving-Pitt Mfg. Co. Neostyle Co. Burrough Adding Machine Co. U. S. Blue Print Paper Co. Chas. C. Smith. Eugene Dietzgen Co. Un of I. Supply Store. Champaign Seed Co. D. H. Loyde. Knowlton & Bennett F. K. Robeson. Leavitt Mfg. Co. Barnhart Bros. Champaign Steam Laundry. C. C. Willis A. S. Nelson & Sons B. E. Spalding. The Chas. A. Hall Hardware E. H. Sargent & Co. Illinois State Reformatory S. E. Dillavou Taylor Hardware Co. Oldham Brothers. The Weis Mfg. Co. Miller-Bryani-Pierce Co. J. W. Butler Paper Co. Blanke Mfg. & Supply Co. B. F. Stevenson & Sons B. F. Stevenson & Sons B. F. Stevenson & Sons Cenrest Hertzberg & Sons. The University Club of Urbana & Champaign. Georgia Fleming Miss Isabel Bevier L. R. Lang J. C. Howser. C. F. Goodman Ed Belling. G. W. Beardsley		
O 8294 O 8295	May 8	Standard Cap & Seal Co	General supplies	\$ 45 25 1 75 5 25 2 40 1 17 3 00
O 8295 O 8296	do	I. R. Gentleman	Printing Sodium carbonate	5 25
O 8297 O 8298	do	Urbana & Champaign Gas & Electric Co.	Coal tar	2 40
O 8298	do	The Creamery Package Mfg. Co	Apparatus repairs	1 17
O 8299	do	Urbana Courier Co	Incidentals	3 00
O 8300 O 8301	do	Standard Oil Co	Petroleum, Lubricating oil	1 09 8 00 8 00 3 65 11 00 3 90
O 8301 O 8302	do	I E Heanfritz & Sone Co	do	8 00
O 8302 O 8303	do	Shenadoah Nurseries	do	8 00 3 65
O 8304	do	Stark Bros. Nurseries	do	11 00
O 8304 O 8305 O 8306	do	Wild Bros. Nursery Co	do	3 90
O 8306	do	Sherwin William Co	General supplies	4 10 16 79 2 00 48 00 2 10 1 22
O 8307 O 8308	do	Twin City Ico & Cold Storage	Incidentals	10 (9
O 8309	do	Hunter, Rourke & Co.	General supplies	48 00
O 8309 O 8310	do	F. M. Leslie	Furniture and fixtures	2 10
O 8311 O 8312	do	Bausch & Lomb Optical Co	Laboratory supplies	1 22 37 86
O 8312	do	G. E. Stechert & Co	Subscriptions	37 86
O 8313	do	Eisner Grocery Co	Careteria supplies	5 40 5 60
O 8314 O 8315	do	Trying-Pitt Mfg Co	Office supplies	5 60 2 05
O 8314 O 8315 O 8316 O 8317	do	Neostyle Co	-d0	5 11
O 8317	do	Burrough Adding Machine Co.	do	5 25
O 8318 O 8319	do	U. S. Blue Print Paper Co	do	6 67
O 8319	do	Chas. C. Smith	do	5 25 6 67 1 00 16 75 29 04 7 56 27 81 6 35 9 90
O 8320	do	Eugene Dietzgen Co		16 75
O 8321 O 8322 O 8323	do	II of I Supply Store		29 04 7 56 27 81 6 35 9 90
O 8323	do	Champaign Seed Co	Supplies	27 81
O 8324	do	D. H. Lovde	Laboratory supplies	6 35
O 8325 O 8326	do	Knowlton & Bennett	General supplies	9 90
O 8326	do	F. K. Robeson	Laboratory supplies	2 84
O 8327	do	Leavitt Mfg. Co	G	28 62
O 8328 O 8329	do	Champaign Steam Laundry	Loundry	88 00
O 8330	do	C. C. Willis	Cafeteria supplies	18 33
O 8330 O 8331	May 11	A. S. Nelson & Sons	do	10 25
O 8332 O 8333	do	B. E. Spalding	Office supplies	2 84 28 62 1 75 68 00 18 33 10 25 7 15
O 8333	do	The Chas. A. Hall Hardware	Building repairs	7 10 7 00 18 65 721 85 54 35 293 32
O 8334	do	E. H. Sargent & Co.	Laboratory supplies	18 65
O 8335 O 8336	do	S F Huff & Co	Building ropoirs	721 80 54 35
O 8337	do	Flanigan-Pearson Co	Printing	293 32
O 8337 O 8338	do	The Burr Co.	General supplies	15 10
0 8335 0 8336 0 8337 0 8338 0 8340 0 8341 0 8342 0 8343 0 8344 0 8345 0 8346 0 8347 0 8347 0 8348 0 8349 0 8350 0 8350	do	S. E. Dillavou	Machine repairs	116 25 31 50 41 67
O 8340	do	Taylor Hardware Co	Laboratory apparatus	31 50
O 8341	do	Oldham Brothers	General supplies	41 67
O 8342 O 8343	00	Miller-Bryont-Pierce Co	do	98 17
O 8344	do	J. W. Butler Paper Co	-do	36 60
O 8345	do	Blanke Mfg. & Supply Co	General supplies	40 68 98 17 36 60 8 75 17 89 38 27 8 38 8 73 9 90
O 8346	do	B. F. Stevenson & Son	Laboratory supplies	17 89
O 8347	do	Keuffel & Esser Co. of N. Y.	Office supplies	38 27
O 8348 O 8349	do	A C McClurg & Co	Apparatus repairs	8 28
O 8350	do	The Starrs & Harrison Co	Nursery stock	9 90
O 8351	do	The National Drain Tile Co.	Drains.	184 80 17 37 106 57
O 8352	do	John H. Doyle	Laboratory supplies	17 37
O 8353	do	Ernest Hertzberg & Sons	Library	106 57
O 8354	do	The University Club of Urbana & Cham-	m 1:	
0 9955	خات	paign	Traveling expenses	2 65
O 8355 O 8356		Mice Icohol Rovier	do	10 71 10 84
O 8357	do	L. R. Lang	Traveling expensesdododododododo	7 04
O 8358	do	J. C. Howser	Traveling expenses and expert	
	1		service	49 01
O 8359	do	C. F. Goodman	Traveling expenses	59 60
O 8360	do	C. F. Goodman. Ed Behling. G. W. Beardsley. E. G. Howe.	do	2 54 14 94
O 8361 O 8362	do	F G Howe	do	14 94
			Traveling expenses and expert services. Traveling expensesdododododododo	22 85
O 8363	do	C. G. Cox	Traveling expenses	48 96
O 8364	do	Julius Ausen	do	10 65
O 8365	do	J. L. Edmonds	do	13 95 8 85
O 8366	do	C. C. Jensen		8 85
O 8364 O 8365 O 8366 O 8367 O 8368	do	Woldenberg & Schaar	Laboratory apparatus	10 50 30 00
O 8368 O 8369	do	C. G. Cox. Julius Ausen J. L. Edmonds C. C. Jensen Woldenberg & Schaar Charles W. Redwood The Wistar Institution	do Laboratory supplies	3 60

No.	Date.	To whom.	For what.	Amou
	1914.			
$8370 \\ 8371$	May 11	The American Seeding Machine Co	Farm machinery	\$ 33
8371	do	The American Seeding Machine Co. Ernst Leitz The Electric Storage Battery Co. Universal Sales Co. Standard Oil Co. Montgomery, Ward & Co. Frank Turner	Fencing	25
$8372 \\ 8373$	do	Ernst Leitz	Laboratory apparatus	57
8373	do	The Electric Storage Battery Co	do	9
8374	do	Universal Sales Co	Office supplies	4
8375	do	Standard Oil Co	General supplies	4
8376	do	Montgomery, Ward & Co	Farm machinery	38
	do	Frank Turner	Traveling expenses and expert	1
			services	10
8378	May 12	F. A. Hawley The Letter Shop	General supplies	30
8379	do	The Letter Shop	Clarical assistance	"
8380	do	R E Spoulding	Canaral supplies	44
8381		I. C. Smith & Brog Typowriter Co	Dontola	1 7
0001		Champaign Ctaam Laundry	T our day	10
8382	do	Champaign Steam Laundry	Launary	19
8383	ao	Leavitt Mig. Co	General supplies	8
8384	do	C. H. Woolbert	Traveling expenses	2
8385	do	The Marine Biol Laboratory	Kentals	100
8386	do	W eston Electric Instrument Co	Apparatus repairs	1 7
8387	do	Ward's Natural Science Establishment	Laboratory supplies	29
8388	do	The Aetna Powder Co	Laboratory apparatus	12
8389	do	J. E. Morgan	do	- 8
8390	do	Alexander Green	Expert services	28
8391	do	P. P. Caproni'& Bro . Inc.	Museum specimen	
8392	do	Westinghouse Electric & Mfg Co	Laboratory apparatus	64
8393	l do	Frank Turner  F. A. Hawley The Letter Shop B. E. Spaulding L. C. Smith & Bros. Typewriter Co. Champaign Steam Laundry Leavitt Mfg. Co. C. H. Woolbert. The Marine Biol Laboratory Weston Electric Instrument Co. Ward's Natural Science Establishment The Aetna Powder Co. J. E. Morgan Alexander Green P. P. Caproni'& Bro, Inc. Westinghouse Electric & Mfg. Co. W. F. Murphey. Oldham Brothers. Chas. Welch H. F. Chester S. E. Huff & Co. The Burr Co. Barnhart Brothers. Gym Store. Illinois State Reformatory. Bacon Brothers. Ideal Electric Co. The Leeds & Northrup Co. Twin City Ice & Cold Storage Co. The Chester Transfer Co. B. F. Stevenson & Son E. H. Sargent & Co. James B. Clow & Sons Federal Sign System Eimer & Amend Electric Co. George Murphey, Inc. A. N. Talbot. A. F. Gustaíson G. W. Lawrence D. H. Lloyde Eggleston's Music House L. C. Smith & Bros. Typewriter Co. Bennett's Magazine Agency. Geo. E. Amsbary The Letter Shop Foots, Pierson & Co. Lames Materials Co. Walker & Music House L. C. Smith & Bros. Typewriter Co. Bennett's Magazine Agency. Geo. E. Amsbary The Letter Shop Foots, Pierson & Co. Ideal Electric Co. Walker & Mulliken Ansco Co. Urbana Courier Co. O. E. Staples, Bursar Pay roll. Alley, W. E. Amos, Whinfred L Atkinson, C. E. Beyer, Melinda L Blackwell, Mary Boice, L. A.	Canaralginnling	150
8394	do	Oldham Brothers	do	100
8395	Mov	Chae Wolch	40	1 1
8396	may 13	II To Chapter	Magraling armangag	15
8390	ao	H. F. Chester	Teavening expenses	
8397	do	S. E. Huff & Co	General supplies	113
8398	do	The Burr Co	do	27
8399	do	Barnhart Brothers	do	20
8400	do	Gym Store	do	1 2
8401	do	Illinois State Reformatory	Printing	148
8402	do	Bacon Brothers	General supplies	35
8403	do.	Ideal Electric Co.	Building material	27
8404	do	The Leeds & Northrup Co	Laboratory apparatus	314
8405	do	Twin City Ice & Cold Storage Co	Laboratory supplies	1 8
8406	do	The Chester Transfer Co	Traveling avnances	1 3
8407	do	D F Starrangen & Son	Laboratory gunnling	16
0400		E II Concert & Co	daboratory supplies	40
8408	ao	E. H. Sargent & Co		49
8409	ao	James B. Clow & Sons	General supplies	14
8410	do	Federal Sign System	[do	14
8411	do	Eimer & Amend	Laboratory supplies	
8412	do	Electrical Testing Laboratory	do	7
8413	do	General Electric Co	Laboratory apparatus	116
8414	do	George Murphey, Inc	do	98
8415	do	A. N. Talbot	Traveling expenses	48
8416	do	A. F. Gustafson	do	20
8417	do	G. W. Lawrence	Furniture and fixtures	39
8418	do	D. H. Lloyde	Rentals	33
8419	l. do	Eggleston's Music House	L.do	45
8420	l. do	L. C. Smith & Bros. Typewriter Co	ldo	30
8421	do	Bennett's Magazine Agency	Books	, ,
8422	do	Geo E Amshary	Feeding stuff	2
8423	do	The Letter Shop	Clarical assistance	4
8424		Foots Diorson & Co	Laboratory apparetus	1 8
8425	do	I dool Floatrie Co	Eurniture and fortune	
0420	ao	A consider De listen Co	T -b	1 .
8426	ao	American Kadiator Co	Laboratory apparatus	1,
8427	qo	Knowiton & Bennett	Laboratory supplies	
8428	do	Scientific Materials Co	ao	1 3
8429	do	waiker & Mulliken	Furniture repairs	
8430	do	Ansco Co	General supplies	10
8431	do	Urbana Courier Co	Printing	2
8432	do	O. E. Staples, Bursar	General labor	20
8433	May 14	Pay roll.	May, 1914	10,359
		Alexander, Lilla	Salary, May, 1914 \$ 65 00	1 ′
•	F (*)	Alley, W. E.	ldo	1
	1	Amos, Winifred L	do 75 00	1
	1	Atkinson C E	.do	1.
		Rayar Malinda I.	do	
	I	Rlookwell Mory	do	1
		Diack well, Mary	107 00	1
	1 -	Doice, L. A	do	
	-	Bowen, Evalena	do	
	1	Broadhurst, Tabitha J	do 75 00	1
	1	Brown, Ina M	do 60 00	
	1	Bryan, Sarah E	do	
	1	Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary. Boice, L. A. Bowen, Evalena. Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred. Buckler, Helen I. Burt, Ruth.	do	
		Buckler, Helen I.	do	
	1	Rurt Ruth	do	
			1	i .

No.	Date.	To whom.	For what.	Amour
	1914.			
8433	May 14	Cass, Elizabeth H	Salary, May, 1914 \$ 65 00	
Ctd.	l	Crawford, C. C.	do 65 00	
	1	Cuppingham H F	do 60 00 do 166 66	
		Custer Emma I.	do	
		Dalton, C. E.	do	
	l	Dexter, Lydia A	do	
		Durfey, Franc A	do	
	1	Emigh, Edith	do	ł
		Feind, Frances	do	
		Feldkamp, Amelia	do	
		Fraser, Viola	do	
	I	Gage Marioria W	do	l
	l	Gallaher Marion R	do	
		Garwood Frances	do	
		Goetz, Antoinette	do	
		Good, Elizabeth	do	
		Gordon, Marie A	do 55 00	
	1	Griffith, Mabel	do 70 00	
		Hayes, Margaret L.	do	
		Hamilton Mrs. Alica V	do	
	1	Cass, Elizabeth H Crawford, C. C Cover, Hazel Cunningham, H. E Custer, Emma L Dalton, C. E Dexter, Lydia A Durfey, Franc A Emigh, Edith Feind, Frances Feldkamp, Amelia Fraser, Viola Fieg, Robert Gage, Marjorie H Gallaher, Marion B Garwood, Frances Goetz, Antoinette Good, Elizabeth Gordon, Marie A Griffith, Mabel Hawell, Margaret L Halliday, Margaret L Halliday, Margaret L Hay, N Heater, Myrtie E Houchens, Josie B Hull, A. H Humrichouse, Katie L Johnson, Gertrude E	do	ŀ
	1	Heater, Myrtle E	.do 60 00	
		Houchens, Josie B.	do	ļ
į		Hull, A. H.	do	
1		Hull, A. H. Humrichouse, Katie L. Johnson, Gertrude E. Kirwin, Nora. Knorr, L. E. Knapp, Aurella. Lahr, Lawrence. Lamb, Allie B. Lee, A. R.	do 50 00	
,		Johnson, Gertrude E	do	
		Kirwin, Nora	do	
		Knorr, L. E.	do 150 00	1
		Knapp, Aurelia	do	
		Laur, Lawrence.	do	
1		Tee A B	do	
3		Leitz, Louise A	do	1
		Love, Mary E.	do	
į		Lee, A. R. Leitz, Louise A. Love, Mary E. Luther, Cornelia M.	do	
1		McConn, C. M.	do	
Ġ		McGehee, Hester E	do	
)	. '	McGurty, Agnes	do	
	·	McIntire, W. A.	do	:
)		Manspeaker, L. Mae	do	
		Merchant Donne	do	
1		Meseck R	.do	
	41.5	Millar, Mary	do	
i		Miller, C. F	do	
	1	Morey, Lloyd.	do	
100		Morrow, J. A	do 166 66	
1		Nagle, Sybil	do	
į		Neednam, Lucile	do 60 00	
		Postrord Possio	do	
1	١.,	Pael Thomas	do	ĺ
1		Phelos. Vergil V	do	
		Post, Frederick	do	1
1		Postlewait, Harriet L	do55_00	
3		Love, Mary E. Luther, Cornelia M. McConn, C. M. McGehee, Hester E. McGurty, Agnes McIntire, W. A. Manspeaker, L. Mae. Meneley, Maude E. Merchant, Donna. Messeck, R. Millar, Mary. Millar, C. F. Morrow, J. Lovd. Morrow, J. J. Nagle, Sybil. Needham, Lucile. Nyberg, Florence A. Packard, Bessie. Peel, Thomas. Phelps, Vergil V. Post, Frederick Postlewait, Harriet L. Potter, Mabel Pulling, Elizabeth Putnam, Persis Renz, Myrtle. Ricketts, Clara Rigss, Bess. Robertson, Nellie.	do	:
- 1		Pulling, Elizabeth	do 60 00	
4		Putnam, Persis	do	
1	. 1	Renz, Myrtle	do 75 00	
1	,	Diggs Poss	do	l ;
		Robertson Nallia	do	
1		Rogers, Della M	.do	
1		Scanlan, Mary	.do	1
4		Sharp, Bertha L	.do	
4	, .	Shaw, Hazel Y.	do	
1	11.	Shepard, Anna L	do 100 00	
1		Slater, Sara M	do 60 00	
		Smith, Florence E	do	
1		Smith, I. M.	do 125 00	
1		Renz, Myrtle. Ricketts, Clara Riggs, Bess Robertson, Nellie Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y Shepard, Anna L Slater, Sara M Smith, Florence E Smith, I. M Smith, I. M Staples, O. E States, Bertha G Stevens, Sabra Steitz, Alfred Stricklan, Freda O	do	
1		States, Portho C	do	1
1		Stavens Sabra	do	
1		Steitz Alfred	do	
- 1		Obstaller Trade O	do	

No.	Date.	To whom.	For what.	Amount
	1914.			
8433	May 14	Thompson, M. E.	Salary, May, 1914\$ 90 00	)
Cld.	l ·	Tuttle, G. P.	100 00	2]
		Tyrell, Josephine	do	
		Voight, Lida E.	do	<u> </u>
		White, Loretta	do 70 00	0
		Winchester, B. L.	do	9
		Wyninger, H. T.	do	?
		Rrownfield Leigh	do 50 00	3
		Ellis, E. R.	do50 00	6
		Flattery, Amanda	do	5
		Jones, Mabel	do	) ·
		Leonard, Kussell		3
		Paulus William H	do 55 00	<u>{</u>
		Reid, Olive G.	do	ól
		Rein, Lillian E	do 50 00	ō
	ļ	Ressler, Milton	do	9
		Vanderbeek, H. J.		2
		Tester Maria	do 55 00	3
		Johnson, J. J.	do	ől
	1	McMullén, Jennie B	do 50 00	0
	Ì	Jones, Mabel	do	51
		Browns W H	do	<b>∜</b>
		Cole. H. W	do 100 00	ก่ไ
	-	Coles, B. D.	do	ĎĮ.
		Froberg, Eric	do 75 0	0
		Hwasser, Anna Julia	do50 0	01
	Ì	Comlinger T S		XI
	İ	Allen Josephine	do 55 0	ől
	ł	Bolan, Anna R	do60 00	šl –
	1	David, Eshoo	do 50 0	0
		Loomis, Metta	do	D)
		David Poul	do	NI I
	1	Healan Louise B	do 50 0	ŏ
	1	Klena, Joseph	do 70 0	ŏ
	1	Schultz, Harry	do	0
	1	Rehfeldt, Hubert F	do	O)
		Tomek Certrude	do 60 0	ŏ
		Solomon, Jacob	do	ŏ
	·	David, Simon	do 50 0	0
	ł	George, Elia	. do 50 0	0
		Watson Ethel Eve		N N
		Drennan Peter	do	ŏl
	ł	Schmidt, Josef.	do	ŏΙ
		Becker, Johann	. do 50 0	0
O 8434	May 14	Pay roll	May, 1914	\$64,072
		James Edmund I	do 1 000 0	ก็
		Frazer, George E	do	š
	1	Fair, Sue M	do 80 0	0
		Fiero, E. E (Student)	. do 50 0	0
		Warnock, A. R.		O
		Carrithers I R	do 60 0	N N
		Fargo, R. N.	120 0	ŏ
	· .	Gill, H. L.	do 220 0	0
	Ì	Huff, G. A.	do 416 6	6
		Jones, R. R.		
		Pancilly H E	do 10.0	ŏ
	1	Brooks, Verna.	do	ŏl
	1	Gaut, Rosa-Lee	. do 50 0	0
		Hitt, Agnes	. do	0
		Hugnitt, Anna L		2
	1	Shoemaker, Dorthy-Ruth	do	ŏ
		Webster, F. D.	do	ŏ!
		Howee, H. E. (Student)	do 20 0	0
		Thompson, M. E. Tyrell, Josephine Vaubel, D. Voight, Lida E. White, Loretta. White, Loretta. White, Loretta. White, Loretta. Wyninger, H. T. Becker, Georgia Brownfield, Lelah. Ellis, E. R. Flattery, Amanda. Jones, Mabel. Leonard, Russell. Lonius, J. O. Paulus, William H. Reid, Olive G. Rein, Lillian E. Ressler, Milton. Vanderbeek, H. J. Hart, Eliza. Jester, Marie. Johnson, J. J. McMullen, Jennie B. Jones, Mabel. Arneson, Mabel. Browne, W. H. Cole, B. D. Froberg, Erie. Hwasser, Anna Julia. Southwell, James. Tomlinson, J. S. Allen, Josephine. Bolan, Anna R. David, Eshoo. Loomis, Meta. Gubbins, Maud. David, Paul. Healan, Louise B. Klena, Joseph. Schultz, Harry. Rehfeldt, Hubert F. Badel, Nathan Tomek, Gertrude. Solomon, Jacob. David, Simon George, Elia Kastanos, John. Watson, Ethel Eva Drennan, Peter Schmidt, Josef. Becker, Johann. Pay roll Frazer, George E. Fair, Sue M. Friero, E. E. (Student). Westoott, C. H. (Student) Westoott, C. H. (Student) Pervy, E. H. (Student) Prover, E. H. (Student) Westory, E. H. (Student) Westoyt, C. (Student) Westoyt, C. H. (Student) Provery, E. H. (Student)	. do	0
	1	Prouty, E. C. (Student)	.	U
	1	Derry, E. H. (Student)	.	٧I

No.	Date.	To whom.	For what.	Amoun
	1914.	Ousley, H. P. (Student).  Velzy, C. R. Giehler, F. J.  Rich, P. C.  Hollister, H. A.  Ayer, T. P. (Student).  Bollman, Minnie J. (Student).  Branch, Nelle E. (Student).  Breedis, John (Student).  Britton, Floyd E. (Student).  Craig, Jennie A.  Drury, F. K. W.  Dunlap, Fannie (Student).  Eppinger, J. G. (Student).  Eppinger, J. G. (Student).  Gibson, Mable H. (Student).  Goulding, P. S.  Graves, Charle Edward.  Herdman, Margaret.  Hubbard, Marie E. (Student).  Hutchins, Margaret.  Janvrin, Charles.  Johnson, Alice.  Jutton, Emma R.  Karsten, Eleanor G.  Leatherman, Marian  Mitchell, Marguerite (Student).  Patton, Adah.  Renich, Katharine L. (Student).		
8434	May 14	Ousley, H. P. (Student)	Salary, May, 1914 \$ 20 00	
Ctd.	1	Velzy, C. R. Giehler F I	do	
		Rich, P. C.	do	
		Hollister, H. A	do 270 83	
	1	Ayer, T. P. (Student)	do 70 00	
	l	Branch Nalla E (Student)	do 32 50	ļ
	1	Breedis, John (Student)	.do	
	1	Britton, Floyd E. (Student)	do	
		Christy, Glen (Student)	18 00	
		Drury F K W	do 200 00	
		Dunlap, Fannie (Student)	do	}
	1	Eppinger, J. G. (Student)	do	ì
		Felsenthal, Emma	do	
		Gibson Mable H (Student)	1.00	ļ
		Goulding, P. S.	do	
		Graves, Charle Edward	do 100 00	
		Herdman, Margaret	do	
		Hubbard, Marie E. (Student)	d0	Ì
	1	Janvrin, Charles	do	
		Johnson, Alice	do 83 33	
	:	Jutton, Emma R	do 100 00	[
		Lastherman Marian	do 75 00	
		Mitchell, Marguerite (Student)	.do	
	1	Patton, Adah	do	
		Renich, Katharine L. (Student)	do	1
		Torrance, Mary	do	
	l	Windsor P L	do	
		Wyeth. Ola M	do	
	1	Eldredge, A. G	do 250 00	
	1	Allyn, Orr.	.do	
		Rinding L. R	do 150 00	1
	1	Brunson, A. M	do	
		Clevenger, C. B	do 70 00	
	1	Dickenson, R. W	do	
		Februkonf H F T	do	
		Garrett, F. W	do	
	1	Gentle, G. E	do 70 00	·!
		Gernert, W. B.	do	1
		Hack A F	do	
	ł	Holt. S. V	.do	
	1	Hoskins, E. E.	do 150 00	
	I	Leighty, W. R.	do 116 66	
		Niederman Gertrude	do	
	l	Wachs, W. H	do133_33	
e		Schoonover, W. R.	do 133 33 do 70 00	
	1	Snider, H. J.	do	
		Walworth F H	do	
	1	Wascher, F. N. W	do	4
		Wheeler, H. C.	do 150 00	l
		Hall, L. D	do 112 50	
		Newlin, C. I	do	1
	[	Wells J. R.	.do	
		Clark, E. M	do	ıl .
	İ	Pearson, F. A.	do	
		Gunderson A T	do	1
		Harner, Julia A	do	
		Hutchinson, James.	.do 100 00	
	1	Muncie, F. W	do 83 33	
		Peltier, G. L.	do	
		Jutton, Bilmia R. Leatherman, Marian Mitchell, Marguerite (Student). Patton, Adah. Renich, Katharine L. (Student). Torrance, Mary Troy, Mary Z. (Student). Wyeth, Ola M. Eldredge, A. G. Allyn, Orr. Aumer, J. P. Binding, L. R. Brunson, A. M. Clevenger, C. B. Dickenson, R. W. Ellis, O. I. Fahrnkopf, H. F. T. Garrett, F. W. Gentle, G. E. Gernert, W. B. Gilkerson, H. C. Hoskins, E. E. Leighty, W. R. Logan, C. C. Niederman, Gertrude. Wachs, W. H. Schoonover, W. R. Snider, H. J. Van Alstine, E. D. Walworth, E. H. Wascher, F. N. W. Wheeler, H. C. Hall, L. D. Newlin, C. I. Perry, Leonora Wells, J. R. Clark, E. M. Pearson, F. A. Blair, J. C. Gunderson, A. J. Harper, Julia A. Hutchinson, James. Muncie, F. W. Peltier, G. L. Rees, C. C. Reuth, W. A. Sayre, C. B. Burton, S. C.	do	
		Savre, C. B	.do	il .
	1	Purton S C	.do	1

No.	Date.	To whom.	For what.	Amoun
0 50404	1914.	Corrubia, A. B. M. Cowley, F. K. Fehrenkamp, Winifred. Forsythe, J. H. Jones, R. T. Kellogg, J. M. Kimball, A. H. Tittcomb, W. C. Wells, N. A. Math, Earle R. Muehlman, Ralph E. Bowling, B. L. Davis, R. E. Mills, Guy G. Parcel, J. I. Pickels, G. W. Raynor, W. H. Wiley, C. C. Knight, A. R. Paine, E. B. Waldo, E. H. Moore, Charles R. Beach, Robin. Crane, Rufus. Jordan, H. H.		
O [8434	May 14	Corrubia, A. B. M	Salary, May, 1914 \$160 00	3
Ctd.	ļ	Cowley, F. K.	do	{
		Forestha T F	do	{
		Jones. R. T	do	
		Kellogg, J. M	do	il .
		Kimball, A. H.	do	)  ′
		Titcomb, W. C.	do	
		Wells, N. A	do 104 16	3
	i	Math, Earle R	do 140 00	)
	]	Muehlman, Ralph E	do	2
	1	Bowling, B. L.		
	ĺ	Mille Cuy C	do	(1
		Porcel I I	do	
	l	Pickels G W	do150 00	(I
		Baynor, W. H	do	SI .
		Wiley, C. C	do	<u> </u>
	1	Knight, A. R.	do 150 00	)
		Paine, E. B.	do 250 00	)
		Waldo, E. H	do 166 66	tl .
		Moore, Charles R.	do	2
		Grand Buffin	100 00	<u> </u>
		Lordon T. II	100 00	31
		Millor H W	do	<u> </u>
		Nalson W S	.do	1
	1	Porter F. M	do 125 00	3
		Rugg, H. O	. do	
		Steward, R. K.	do141_66	1
		Benedict, B. W	do 291 66	il
	ĺ	Domonske, A. B.	do	ol .
		Duncan, J. M	do 90 00	1
	(	Eames, H. S	do 140 00	1
		Gross, G. A	do 150 00	ii .
		Frisk, J. A	do	1
		Godeke, H. F	do 130 00	1
		London F T	150 00	
		Pandleton I C	do	
		Radehaugh G H	do 100 00 do 110 00	
		Richards, C. R	.do	
		Scroggin, D. L.	do	1
		Torrance, F. C.	do 120 00 do 110 00	'
		Waterfall, H. W	do 130 00	i e
		Holbrook, E. A.	do 208 33	
		Stoek, H. H.	do	1
		Young, L. E	do	1
		Boomelitar G P	.do. 140 00 .do. 170 00 .do. 150 00	1
1		Ensign N E	do 150 00	Į.
		Gardner, Harry	do	ı
		Gonnerman, H. F.	do	İ
		Noerenberg, C. E	do 170 00	
1		Seely, F. B	do 170 00	1
1		Talbot, A. N.	do 416 66	
1		Vallance, Alexander	do	
		Bair, W. H	do	
		Jones, L. T	do	
	1	Nothengen I B	do	
		Randolph O A	do	
1	-}	Shook, G. A	do	1
		Smith, O. H	do	
1	1	Warner, E. H	do 95 00 do 80 00	i '
I	j	Hayes, J. B	do 90 00	
l	i	Snodgrass, J. M	do 183 83	
1	I	Abrams, D. A.	do 150 00	
	I	Unittenden, A. K.	do	
	1	Dunn, H. H	do	
. 1	·	Kener, K. B	do	
	1.	McFerland D F	00	
1	ļ	Moore H F	do	
1	I	Slater W. A	do 150 00	
1	[:	Vedder, J. N	do 133 33	
	Į.	Wiley, C. C. Knight, A. R. Paine, E. B. Waldo, E. H. Moore, Charles R. Beach, Robin. Crane, Rufus. Jordan, H. H. Miller, H. W. Nelson, W. S. Porter, F. M. Rugg, H. O. Steward, R. K. Benedict, B. W. Domonske, A. B. Duncan; J. M. Eames, H. S. Gross, G. A. Frisk, J. A. Godeke, H. F. Kennedy, R. E. Lanham, E. T. Pendleton, J. C. Radebaugh, G. H. Richards, C. R. Scroggin, D. L. Torrance, F. C. Waterfall, H. W. Holbrook, E. A. Stooke, H. H. Young, L. E. Babbitt, H. E. Boomsliter, G. P. Ensign, N. E. Gardner, Harry. Gomerman, H. F. Noerenberg, C. E. Seely, F. B. Talbot, A. N. Vallance, Alexander Bair, W. H. Jones, L. T. Karrer, Sebastian. Nathanson, J. B. Randolph, O. A. Shook, G. A. Smith, O. H. Warner, E. H. H. Warner, E. H. H. Warner, E. H. H. Sonogram, J. R. Randolph, O. A. Shook, G. A. Smith, O. H. Warner, E. H. H. Warner, E. H. H. H. Warner, E. H. H. Sorogram, D. M. Chittenden, A. K. Dunn, H. H. Keller, R. B. Kratz, A. P. McParland, D. F. Slater, W. A. Vedder, J. N. Vensen, T. D. Merica, Paul D. Andros, S. O.	do 229 16 do 150 00 do 133 33 do 133 33	
	ŀ	Merica, Paul D	do	
	1	Andros S O	do 150 00 do 175 00	

No.	Date.	To whom.	For what.	Amour
	1914.	Decker, E. H. Green, Frederick Hale, W. G. Harker, O. A. Pomeroy, J. N. Vernier, C. G. Cassidy, H. M. (Student) Pillsbury, W. H. Little, R. F. Andrews, O. M. Babcock, K. C. Waddell, Mary L. Bradbury, C. E. Kelley, C. F. Lake, E. J. Wetmore, Mary M. Bond, J. J. D. Reed, F. W. Stebbins, Joel Burton, L. V. Newell, C. R. Brigham, R. O. Hague, Stebla M. Lamkey, E. M. R. LeCato, J. M. McDougail, W. B. Parr, Rosalie M. Scherfee, S. H.		
8434	May 14	Decker, E. H.	Salary, May, 1914 \$291 6	
Ctd.		Hala W G	do	
		Harker, O. A	do	
		Pomerov. J. N.	do	
		Vernier, C. G.	do	
	1	Cassidy, H. M. (Student)	do	
		Pillsbury, W. H.	do	ŏl
	1	Little, R. F	do 50 0	
		Andrews, O. M	do	
		Babcock, K. C.	do	
	1	Waddell, Mary L	do 70 0	
	Į.	Bradbury, C. E	do 120 0	0
	1	Kelley, C. F	do 150 0	0
	1	Lake, E. J	do 187 5	0
	1	Wetmore, Mary M	do 150 0	0
		Bond, J. J. D	do 30 0	
	1 .	Reed, F. W	do 140 0	0]
		Stebbins, Joel	do	
	} .	Burton, L. V	do 90 0	0
	1	[Newell, C. R	do 100 0	ŭΙ
	ļ	Brignam, R. O	do	ŭΙ
	1	Hague, Stella M	do	
	į .	Lamkey, E. M. K	do	VI
	1	MoDower II W. D.	do	V)
	1	McDongall, W. B	do	
		Cohorfoe C TT	do	χI
	1	McDogail, W. B. Parr, Rosalie M. Scherfee, S. H. Stevens, F. L. Waggoner, H. D. Whitten, J. H. Hursh, R. K. Badeliffe B. S.	do	y
	1	Wagganar H. D.	000 0	
	Į.	Whitten I II	do	
	1	Humb D V	do	
	[	Dodoliffo B S	do	XI
	1	Dadomio, D. S	120 0	
	i	Stull D T	do	
		Williams A E	do	
	1	Anders D	do	XI
		Adams W. C.	100 0	
	i	Allen C H	do	ň
		Bakar R E	35 0	
		Ball T R	do	
		Kand, C. C. Stull, R. T. Williams, A. E. Anders, P. Adams, W. C. Allen, C. H. Baker, R. E. Ball, T. R. Bates, S. J. Baeal, G. D.	do 100 0	
	1	Beal, G. D.	do	
	1	Braley, S. A Broderson, H. J. Carter, H. M. Charlton, E. E.	do	
		Broderson, H. J.	do 120 0	
		Carter, H. M.	do	
	1	Charlton, E. E.	do	
		Clark, K. A.	do	
		Cohn, Alexander	do	0
		Darráh, Juanita E	do	0
	1	Davisson, B. S	do 60 0	0
	1	Eckstein, C. H	do 10 0	
		Engle, E. W	do 50 0	
	1	Englis, D. T	do	
	1	Foster, L. F	do	
	1	Carter, H. M. Charlton, E. E. Clark, K. A. Cohn, Alexander. Darrah, Juanita E. Davisson, B. S. Eckstein, C. H. Engle, E. W. Englis, D. T. Foster, L. F. Hecker, C. H. Hess, R. W. Honovski, B. R. Hopkins, B. S. Janson, J. M. Kamm, Oliver Kremmers, H. C. Lewis, H. F. MacArthur, C. G. MacImes, D. A. Marquis, S. D. Nelson, R. A. Noyes, W. A. Prasil, Anton	.do 100 0	
	1.	Hess, R. W	.do 50 0	
	1.	Honovski, B. R.	.do	
	1	Hopkins, B. S	.do 140 0	
	1	Janson, J. M	. do	
		Kamm, Oliver	do	
		Kremmers, H. C.	. do 30 0	
	1	Lewis, H. F	. do	
	1	MacArtnur, C. G.	.do 150 0	
	1	Manual W. A.	do 140 0	
	1	Manuel, W. A	. do	
	1	Malgon D &	do	
	1	Newer W. A.	10 0	ō
		Dragil Asstan	10 do	
	1	rrasu, Anton	. do	
	1	Dish D C	do	X
	1	Duby C P	do	NI NI
	1	Gaball Clarence	do	OI.
	1	Soors C W		XI
	1	Otars, G. W	do 60 0	VI
	1	Neison, R. A. Noyes, W. A. Prasil, Anton. Read, J. W. Rich, P. C. Ruby, G. B. Scholl, Clarence. Sears, G. W. Sievert, C. W. J. Skinner, G. S. Sims, C. E. Smith, L. D.	10 0	ŭ
	1	Gima C F	do	N N
	1	Smith T D	do	X
	1	рини, и. и	. j u o	니

No.	Date.	To whom.	For what.	Amour
	1914.			
8434	May 14	Snook, J. D. Straw, W. A. Taylor, E. H. Taylor, S. C. Thorp, Lambert. Tippett, B. W. Welland, H. J. Wichers, Edward. Wildman, E. A.	Salary, May, 1914 \$ 10 00 30 00	
Ctd.	ļ	Toylor E U	do	
		Taylor, S. C.	do	
		Thorp, Lambert	do	
	ļ	Tippett, R. W	do	
		Tippett, R. W Weiland, H. J Wichers, Edward Wildman, E. A Lyman, L. T Valentine, H. D Barton, H. J Canter, H. V Moss, C. M Oldfather, W. A Pease, A. S Dewsnup, E. R Bogart, E. L Samuels, T. W Stewart, C. L Thompson C. M Thompson J. G Chase W. A Litman Simon Prickett, A. L Robinson, M. H Scoville, H. T Weston, N. A Anderson, L. F Bagley, W. C Coffman, L. D Hallquest, A. L Harlan, C. L Johnston, C. H Miller, W. S Alden, R. M Baldwin, E. C Boyer, C. V Boyer, C. V Creek, H. L Curl, M. J Dixon, R. E Dodge, D. K Fulton, Edward Goodwin, T. G Guild, T. H Gwinn, Alta Harbarger, Sada A Jones, E. S Jones, H. S, V	do	
		Wildman E A	do	
	1.	Lyman, L. T.	do	
	1	Valentine, H. D.	do	ŀ
	1	Barton, H. J.	do	
	i	Ween C. M.	do	ļ
	1	Oldfather, W. A	do	
	1	Pease, A. S.	do	
	l	Dewsnup, E. R.	do	
	1	Bogart, E. L.	do	,
		Samuels, T. W	do	
		Thompson C M	do	
		Thompson J. G.	do	
		Chase W. A	do	
		Litman Simon	do 208 33	
	1	Prickett, A. L	do	
	1	Scoville H T	do	
		Weston, N. A	.do	
		Anderson, L. F.	do	
		Bagley, W. C.	do	
		Coffman, L. D.	do	
		Hallquest, A. L	do	
		Johnston C H	.do	
		Miller, W. S.	do	
		Alden, R M	do 375.00	
	1	Baldwin, E. C.	do	
		Bushen W A	do 140 00	
		Clark T A	do	
		Creek, H. L.	.do 140 00	
	i	Curl, M. J.	do 140 00	
		Dixon, R. E	do 110 00	
		Dodge, D. K.	do	,
		Goodwin T G	do	
		Guild, T. H	do 125 00	
		Gwinn, Alta	do 90 00	
		Harbarger, Sada A	do 100 00	
		Jones, E. S	do	
		Jorden I C	do	
		Kelso, Ruth	do 100 00	
		Kyle, Martha J.	do	
		Landee, Marion C	do	
		Gould, T. H. Gwinn, Alta. Harbarger, Sada A Jones, E. S. Jones, H. S. V Jordan, J. C Kelso, Ruth. Kyle, Martha J Landee, Marion C Loomis, R. S McJohnston, Harrison Paul, H. G Rinaker, Clarissa Sarett, L. R. Schoepperle, Gertrude Soott, F. W Sherman, S. P Stanley, T. B Sutcliffe, E. G Trieje, A. J. Whicher, G. F Woolbert, C. H Zeitlin, Jacob Forbes, S. A Glasgow, Robert D Peterson, Alvah Fleener, F. L Heitkamp, G Rich, J. L Ross, C. S. Thompson, David Barto, P. S Brooks, N. C.	do 120 00	
		Paul H. G	do	
		Rinaker, Clarissa	do	
		Sarett, L. R.	do 100 00	
		Schoepperle, Gertrude	do	
		Scott, F. W	do	
		Sterley T B	do	
		Sutcliffe, E. G	do 100 00	
- 1		Tieje, A. J.	do 100 00 do 120 00	
		Whicher, G. F.	do 110 00	
		Woolbert, C. H	do	
		Eorbos S A	do	
		Glasgow, Robert D	do	
1		Peterson, Alvah.	do	
l		Fleener, F. L	do	
Į		Heitkamp, G. W	do	
		Rich, J. L.	do	
		Thompson David	do	
		Barto, P. S.	do 100 00	
		Brooks, N. C.	do	

No.	Date.	To whom.	For what.	Amoun
	1914.	Flom, G. T. Goebel, Julius Green, Alexander Held, F. E. Keller, A. H. Lessing, O. E. Meyer, G. H. Poor, C. M. Spindler, G. W. Williams, C. A. Zucker, A. E. Alvord, C. W. Brush, Elizabeth P. Buck, S. J. Cole, A. C. Duncalf, Frederick Greene, E. B. Larson, L. M. Lybyer, A. H. Robertson, W. S. Burns, Josephine E. Chittenden, E. W. Denton, W. W. Hebbert, C. M. Kempner, A. J. Rowland, S. A. Rutledge, George. Smith, G. W.		
8434	May 14	Flom, G. T.	Salary, May, 1914 \$233 3 do	3
Ctd.	1	Goebel, Julius	do	0
		Green, Alexander	120 0	0 -
		Held, F. E	do	
		Lassing O E	.do	6
		Mayer G H	do 229 1	6
	l	Poor. C. M	do	ŏl
		Spindler, G. W	do 50 0	ŏ
		Williams, C. A	do 150 0	0
		Zucker, A. E	do 50 0	0
		Alvord, C. W	do 145 8	3
		Brush, Elizabeth P	- do	0
	1	Buck, S. J	do	
	j	Dungalf Fraderick	150 0	9
	1	Graena E R	do	6
	1	Larson L M	do 250 0	χl
	)	Lybyer, A. H	do	ă
	1	Robertson, W. S.	do	3
	1	Burns, Josephine E	do	0
	1	Chittenden, E. W	do 120 0	0
	4	Denton, W. W.	do 140 0	01
	]	Hebbert, C. M	do	0
	1	Kempner, A. J.	do	U
	1	Ruyland, S. A.	75 0	XI
		Smith C W	do	XI
		Stouffor E R	do	XI .
	1	Wahlin G E	do116_6	6
	1	Zeis, H. C	do	
		Board, J. H.	130 0	ŏl
		Burge, W. E	do	3
	1	Neill, Alma J	do 60 0	O)
		Bode, B. H	do	6
	} .	Daniels, A. H	]do 333 3	3
	1	Shepherd, Queen L	do 110 0	
	1	Geyer, D. L	do	0
	1	Corner T W	do	9
	1	Hanford A C	do	ก็
	1	Mathews, I. M	do 150 0	ŏ
	1	Storey, Russell M	do	ŏl
		Bentley, Madison	do	31
	1	Ruckmich, C. A	do	0
		Sutherland, A. H	do	0
		Vance, T. J	do 90 0	
		Allen, Louis	do	o l
		Cornobon D H	do	
	1	Carry Charles	do	χl
		Ennels Joseph	do	ŏl
	l	FitzGerald, J. D. II	do	ŏl
	1	Moore, O. H.	do	0
	1	Oliver, T. E	do250 0	01
	}	Shulters, J. R	do	0
	1	Seymour, A. R.	do 191 6	6
	1	Turner, L. M	150 0	ŭ
	ł	Wesenberg, T. G.	do	UI.
	1	Todd A T	do	6
	i	Chenoweth H. E	do	ŏ
	1	Cobb. Margaret V	30 0	ŏl
	1	Faust, E. C.	do	ō
		Green, Bessie R.	do	0]
	1	Hanson, F. B. (Student)	do 60 0	0
	1	Heimberger, H. V	do	0
	1	Johnson, Gertrude	do	0
	1	мау, н. С.	do	n)
	1	Linkins, R. H	do	ŭ
	1	Stunkerd H W	do 60 0 .do 250 0 .do 30 0	O O
	1	VanClasva H T	do	N N
	1	Word H R	do 418 8	81
		Wells Grace E	do	ŏl
		Kinley, David	do583 3	31
	1 .	Hebbert, C. M. Kempner, A. J. Rowland, S. A. Rutledge, George Smith, G. W. Stouffer, E. B. Wahlin, G. E. Zeis, H. C. Board, J. H. Burge, W. E. Neill, Alma J. Bode, B. H. Daniels, A. H. Shepherd, Queen L. Geyer, D. L. Dodd, W. F. Garner, J. W. Hanford, A. C. Mathews, J. M. Storey, Russell M. Bentley, Madison Ruckmich, C. A. Sutherland, A. H. Vance, T. J. Allen, Louis. Beck, J. B. Carnahan, D. H. Carry, Charles. Eppels, Joseph. FitzGerald, J. D. II Moore, O. H. Oliver, T. E. Shulters, J. R. Seymour, A. R. Turner, L. M. Wesenberg, T. G. Hayes, E. C. Todd, A. J. Chenoweth, H. E. Cobb, Margaret V. Faust, E. C. Green, Bessie R. Hanson, F. B. (Student) Heimberger, H. V. Johnson, Gertrude May, H. G. Linkins, R. H. Smith, Frank. Stunkard, H. W. Vancleave, H. J. Ward, H. B. Wells, Grace E. Kinley, David Wright, A. B. Sheftel, Yetta. Austin, Louise	do	ōl .
		Sheftel, Yetta	do	0
	1	Austin, Louise	do	0

No.	Date.	To whom.	For what.	Amour
	1914.	Bayley, Paul.  Blaney, Lillian.  Brandner, A. R.  Browne, Lois A.  Clark, Helen.  Coulton, Lois M.  Cushing, Helen I.  Dewey, Ida B.  Fisher, L. W.  Garman, Philip.  Haskett, Aloa A.  Heck, A. O.  Ingels, Nelle L.  Kile, Jessie J.  Knight, C. K.  Knoche, Viola E.  Lamb, B. F.  Lantz, C. W.  Lawrence, Mathew  Lincoln, Warren  McKenna, E. L.  Mathews, Howard  Miller, Jessie F.  Pasmore, D. F.  Parker, Karr  Partridge, N. L.  Paulson, P. A.  Ray, S. H.  Reeves, H. P.  Schinnerer, O. P.  Shewhart, W. A.  Siebens, Thekla M.  Stevens, W. E.  Stokes, C. N.  Sullivan, W. W.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.  Thoren, Edna A.		
8434	May 14	Bayley, Paul	Salary, May, 1914 \$25 (	0
Ctd.		Blaney, Lillian	do	0
		Brandner, A. K		
	}	Clark Halan	do	X
		Coulton Lois M	. do	ĭ
	ł	Cushing, Helen I		ŏ
	l	Dewey, Ida B	do 25 0	01
	l .	Fisher, L. W	do 25 0	0
		Garman, Philip	do	0
		Haskett, Aloa A		0
	1	Heck, A. O	do	0
	1	Wile Terrie I	do	o l
		Knight C K	1. do	0
	1	Knoche, Viola E	do	ĭ) .
	1	Lamb. B. F.	.do	ŏl
	1	Lantz, C. W	do	ŏl
		Lawrence, Mathew	do 25 0	01
		Lincoln, Warren	do 25 0	0
		McKenna, L. L.		0
	1	Matnews, Howard		101
	I	Millor Tossia F		NI NI
		Pasmora D. F	do	ň
	1	Parker, Karr		ŏl
	ł	Partridge, N. L.	do	ŏl
		Paulson, P. A	do	ŏl
		Ray, S. H	do	0
	ļ	Reeves, H. P	do 25 0	0
	i	Schinnerer, O. P.	do 25 0	0
		Shewhart, W. A.		0
	į.	Stepens, Thekia M		0
	ł	Stokes C N	do	
	l	Sullivan W W	do	0
	1	Theilen, Margaret K	do	ŏ
	1	Thoreen, Edna A	do	ŏ
	1	Thorne, Mabel E	do	
	Į.	Wilber, A. S	do 25 0	0
	1	Wilson, W. H.	do 25 0	
	ł	Wolf, H. C.	do 25 0	0
		Proven D W	do	N/
		Carroll W E	do	XI
		Clark, F. E	do	ň
~		Conel, J. L	do	ŏl
		Cort, W. W	do	ŏl
	ł	Farwell, S. P	do 40 0	0
	I	Theilen, Margaret K Thoreen, Edna A Thorne, Mabel E Wilber, A. S. Wilson, W. H Wolf, H. C Wolfe, W. S. Brown, R. W Carroll, W. E Clark, F. E Conel, J. L. Cort, W. W Farwell, S. P Fracker, S. B. Gittins, Elizabeth M Gutberlet, J. E.	do	0
	1	Guttins, Elizabeth M	ao 30 0	0
	1	Horder O F	do	U)
	1	Fracker, S. B. Gittins, Elizabeth M. Gutberlet, J. E. Harder, O. E. Heuse, E. O. Holley, C. E. Howard, J. W. Johnson, Morris. Kircher, E. A. T. Lehenbauer, P. A. Macfarlane, Wallace. McGregor, H. H. Mathewson, L. C. Millard, E. B. Miller, J. E. Peine, A. F. Russell, F. A. Voegelein, Lily B. Watson, Minnie E. Wright, Quincy Wyatt, F. A. Belt, J. H. Hadley, H. F. McDermet, Rudolph Maney, G. A. Montgomery, Julian Nebel, M. L. Pogue, R. B. Thomas, H. R. Wohlenberg, W. J.	do	NI NI
	1	Holley, C. E	do	ΜÍ
		Howard, J. W.	do	
	1	Johnson, Morris	do	ŏl
		Kircher, E. A. T.	do	0
	1	Lehenbauer, P. A	do 40 0	0
	l	Macfarlane, Wallace	do	0
		McGregor, H. H.	do	0
		Matnewson, L. C	do	
		Millard, E. D	do	01
		Paine A. F	do	n .
	1	Russell, F. A	do	ŏl
	1	Voegelein, Lily B	do	
	1	Watson, Minnie E	do	0
	1	Wright, Quincy	do 30 0	0
	1	Wyatt, F. A	do 35 0	0
	1	Belt, J. H	do 50 0	0
	1	Hadley, H. F	do 50 0	0
		McDermet, Rudolph	do	
	1	Maney, G. A	do	U
	1	Nobel M. I.	do	N N
		Pogna, R. B	do	ň
	1	Thomas, H. R.	do	ŏ
	1	Wohlenberg, W. I	do	ŏ

No.	Date.	To whom.	For what.	Amou
	1914.			
8434	May 14	Bond, Ethel Curtis, Florence R Reece, E. J. Simpson, Frances. Harding, A. A. Kirkup, Florence M. Mills, C. H. Morphy, E. W. Nasmyth, H. D. Schwartz, G. F. Simon, Anna. Smith, Constance Barlow Townsend, L. L. Treat, Edna A. Van den Berg, H. J. Bartow, Edward Bennett, A. N. Ferguson, H. F. Hanford, W. W. Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schnellbach, J. F. Sjoblom, M. C. Tamer, F. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W. Colson, H. W.	Salary, May, 1914 \$ 83 33	
Ctd.	1	Curtis, Florence R	do	1
	1	Reece, E. J.	do	ł
	ļ	Simpson, Frances	do 166 66	
		Harding, A. A.	do 180 00	l
	1	Kirkup, Florence M	do 100 00	
	i	Mills, C. H	do 225 00	
	1	Mornhy, E. W	do 170 00	
		Nasmyth H D	do	
	ł	Schwartz G F	.do	
	l .	Simon Anna	do	
		Smith Constance Barlow	do	
	l	Townsond T. T.	do	
		Troot Edna A	do	
		Von den Bong II I	do 100 00	
		Panton Edmand	do	1
	1	Bartow, Edward	do	
	1	Bennett, A. N.	do	
		Ferguson, H. F	do 90 00	
	i	Hantord, W. W	do	1
	1	Himas, M. E	do	1
	ļ	Huenink, H. L	do	þ
	l	Mohiman, F. W	do 70 00	l .
	J	Schneilbach, J. F	do 75 00	
	1	Sjoblom, M. C	do 75 00	
	1	Tanner, F. W	do 70 00	į
	l	Colson, H. W	do	
	i	Clark, A. H	do 150 00	
	1	Day, W. B	do	
	]	Eicher B. L.	do	
	1	Gathercoal E N	do	
		Snow C M	do	
		Burmeister, W. H.  Burmeister, W. H.  Dreyer, G. P.  Eycleshymer, A. C.  Fantus, Bernard.  Gardner, Stella.	do	
	1	Drover C D	do	
	i	Erologhamon A C		
		Eyeleshymer, A. C	do	
		rantus, Bernard	do 166 66	i
		Gardner, Stena	do	
		Gehrman, Adolph	do	ĺ
		Hakenson, Eric Gosta	do	l
	1	Haskell, J. E	do 50 00	į.
		Hakenson, Eric Gosta Haskell, J. E Jones, T. S Lincoln, Mary C Miller, E. G	do 83 33	
	(	Lincoln, Mary C	do 50 00	ľ
	i	Miller, E. G	do 100 00	
	1	[Moore, J. J	do 125 00	
	l	Rupert, R. R.	do 166 66	
	1	Small, J. C. (Student)	do 50 00	1
	I	Welker, W. H	do 208 33	}
	[	Bartlett, Dr. Frank Kaiser	do	1
		Siegbahn, Nils	do 60 00	1
	{	Gaffney, Carl O	do	ſ
	ł	Davis D. I	do	
	[	Falls, Frederick H	do	
	l	Tracy Grover	do	i
	1	Jones, T. S. Lincoln, Mary C. Miller, E. G. Moore, J. J. Rupert, R. R. Small, J. C. (Student) Welker, W. H. Bartlett, Dr. Frank Kaiser Siegbahn, Nils. Gaffney, Carl O. Davis, D. J. Falls, Frederick H. Tracy, Grover Bake, L. E. Bernard, F. S. Coolidge, E. D. Dittmar, Walter Gallie, D. M. Hixson, Arthur Lee, H. C. Moorehead, F. B. Moon, Dr. V. H. Noyes, F. B. Schultz, Louis. Starr, S. P. Hiskey, George M. Alexander, Lilla. Alley, W. E. Amos, Wnifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Brown, Evalena. Broadhurst, Tabitha J. Brovn, Ina M. Bryan, Sarah E. Bugkles, Mildred. Buckler, Helen I.	do	l
	l	Rarnard F S	do 00 00	
	(	Coolidge F D	do	1
	l	Dittmer Welter	do	
	l	Callia D M	do	1
	1	Game, D. M	do	
		Hixson, Arthur	do	l
	l	Lee, н. С	do	1
	l	McGuire, J. C.	do	1
		Moorehead, F. B.	do 166 66	
		Moon, Dr. V. H	do 50 00	1
		Noyes, F. B.	do 83 33	1
		Schultz, Louis	do	l
		Starr, S. P.	do 66 66	1
	1	Hiskey, George M	do	
1		Alexander, Lilla	do	1
		Alley, W. E.	do	
	ì	Amos Winifred L	do 75.00	
		Atkingon C E	do	
		Rover Melinde I.	do	
		Blockwell Mory	do	
		Poice T. A	uo	
		Doice, L. A.	do	
		Bowen, Evalena	do	
		Broadnurst, Tabitha J	do 75 00	
1		Brown, Ina M	do	
- 1	l .	Bryan, Sarah E	. do 70 00	
		Buckles, Mildred	do 65 00	
		Bullelor Holon I	do	

No.	Date.	To whom.	For what.	Amour
	1914.	Burt, Ruth. Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cunningham, H. E. Custer, Emma L. Dalton, C. E. Dexter, Lydia A. Durfey, Franc A. Emigh, Edith. Felud, Frances. Feldkamp, Amelia. Fraser, Vio a. Frieg, Robert. Gage, Marjorie H. Gallaher, Marion B. Garwood, Frances. Gootz, Antoinette. Good, Elizabeth. Gordon, Marie A. Griffith, Mabel. Hayes, Margaret L. Halliday, Mable. Hamilton, Mrs. Alice V. Hay, N. Heater, Myrtle E. Houchens, Josie B. Hull, A. H. Humrichouse, Katie L. Johnson, Gertrude E. Kirwin, Nora. Knorr, L. E. Krapp, Aurella. Lahr, Lawrence. Lamb, Allie B. Lee, A. R. Leitz, Louise A. Love, Mary E. Luther, Cornelia M. McGont, C. M. McGehee, Hester E. McGurty, Agnes. Moltrire, W. A. Manspeaker, L. Mae. Meneley, Maude E. Merchant, Donna. Mescek, R. Millar, Mary Miller, C. F. Morow, J. A. Nagle, Sybil. Needham, Lucile. Nyberg, Florence A. Peackard, Bessie. Peel, Thomas. Phelps, Vergil V. Post, Frederick. Postlewait, Harriet L. Potter, Mabel. Richestes, Clara. Rigss, Bess. Robertso, O. E. States, Bertha G. Stevens, Sabra Steitz, Alfred.		
3 8434	May 14	Burt, Ruth	Salary, May, 1914 \$ 50 00	1
Ctd.		Cass, Elizabeth H	do	
		Cover Hegel	do 60 00	1
•		Cunningham H E	do 166 66	1
		Custer, Emma L	-do	
	1	Dalton, C. E	do	
	l	Dexter, Lydia A	do	
		Durfey, Franc A	do	1
		Emigh, Edith	do	1
		Feind, Frances	do	ĺ
	ļ.	Feldkamp, Amelia		ľ
	į	Fing Pohert	1do	
		Gaga Marioria H	do 75 00	
		Gallaher Marion B	do 50 00	1
	1	Garwood, Frances	do 50 00	
	1	Goetz, Antoinette.	do	l
	1	Good, Elizabeth	do 50 00	1
	1 .	Gordon, Marie A	do	1
	1	Griffith, Mabel	do	1
	1	Hayes, Margaret L		1
	1	Halliday, Madle		ŀ
	1	Han N	do 166 66	
	İ	Heater Myrtle E	do 60 00	1
	1	Houchens, Josie B	do	1
		Hull, A. H.	do	1
	1	Humrichouse, Katie L	do   50 00	1
	1	Johnson, Gertrude E	do 60 00	1
	1	Kirwin, Nora	do	
	1	Knorr, L. E.	do 150 00	1
		Knapp, Aurena	15 00	1
		Lanr, Lawrence	do 55 00	1
	1	I A A R	do 91 66	3
	1	Leitz Louise A	do 40.00	
	l	Love, Mary E	do 65 00	il .
	1	Luther, Cornelia M	do	
	İ	McConn, C. M	do 250 00	ri e
	1	McGehee, Hester E	do 40 00	)
	1	McGurty, Agnes	do 83 33	1
	1	McIntire, W. A	do 50 00	1
	1	Manspeaker, L. Mae		3
	1	Merchent Donne	do 50 00	
	1	Meseck R	do 65 00	`
	1	Millar, Mary	1do	
	1	Miller, C. F	do	
	1	Morey, Lloyd	do 125 00	)
	1	Morrow, J. A	do 166 66	i
	1	Nagle, Sybil	do	3
	l	Neednam, Lucile	do	}
	1	Packard Bossia	30 00 77 00	3
	1	Pael Thomas	do 55 00	
	1	Phelps. Vergil V	do 150 00	
	1	Post, Frederick	do 75 00	il
	1	Postlewait, Harriet L	do	ol .
	1	Potter, Mabel	do	ol .
	ļ	Pulling, Elizabeth	do 60 00	)
	1	Putnam, Persis	do 75 00	
	1	Renz, Myrtle.	do 75 00	9
		Ricketts, Clara		3
	]	Robertson Nallia	do 35 00	
	1	Rogars Dalla M	do 40.00	il .
	1	Scanlan, Mary	do 60 00	5
	1	Sharp, Bertha L	do 55 00	
		Shaw, Hazel Y	do	j
	1	Shepard, Anna L	do	)
	1 -	Slater, Sara M	do	)
	1 •	Smith, Florence E	do 75 00	
		Smith, I. M	do 125 00	)
	1	Smith, Mayme L.	do	3
		Staples, U. E	150 00	3
		Stayong Sabra	. do	<u> </u>
		Story Alfred	do 05 00	()
	1	Duoin, Aillea		'

No.	Date.	To whom.	For what.	Amour
	1914.	Stricklan, Freda O. Thompson, M. E. Tuttle, G. P. Tyrrell, Josephine. Vaubel, D. Voight, Lida E. White, Loretta. Wyninger, H. T. Becker, Georgia Brownfield, Lelah. Ellis, E. R. Flattery, Amanda Jones, Mabel. Leonard, Russell. Lonius, J. O. Paulus, William H. Reid, Olive G. Rein, Lillian E. Ressler, Milton. Vanderbeek, H. J. Hart, Eliza Jester, Marie. Johnson, J. J. McMullen, Jennie B. Arneson, Mabel. Browne, W. H. Cole, H. W. Cole, H. W. Cole, H. W. Cole, H. W. Cole, H. W. Cole, H. W. Cole, H. W. Coles, B. D. Froberg, Eric. Hwasser, Anna Julia Southwell, James. Tomilinson, J. S. Allen, Josephine Bolan, Anna R. David, Eshoo. Loomis, Metta. Gubbins, Maud David, Paul. Badel, Nathan Tomek, Gertrude. Solomon, Jacob. David, Simon George, Elia. Kastanos, John Watson, Ethel Eva. Drennan, Peter Schmidt, Josef Becker, Johann Heelan, Louise B. Klena, Joseph. Schultz, Harry Rehfeldt, Hubert F. Jones, Mabel O. E. Staples: W. Lewis & Co. John H. Doyle. White Line Laundry. Eastman Kodak Co. Friend Mig. Co. W. Atlee, Birpee & Co. T. P. Baker. F. M. Folty. Leesley Bros. Releible Plumbing & Heating Co. Gran Jubnison.		
8434	May 14	Stricklan, Freda O	Salary, May, 1914 \$ 65 00	
Cld.	•	Thompson, M. E	do	1
		Tuttle, G. P	do 100 00	
		Tyrrell, Josephine	do 50 00	
		Vaubel, D	do 60 00	
		Voight, Lida E	do 83 33	
		White, Loretta	Jdo 70 00	
		Winchester, B. L	do 50 00	
		Wyninger, H. T	do	
		Becker, Georgia	do	
		Brownfield, Lelah	,.do50 00	1
		Ellis, E. R	do 50 00	
		Flattery, Amanda	do	
		Jones, Mapel	do 65 00	1
		Leonard, Russell	do 45 83	
		Lonius, J. O	do 90 00	
		Paulus, William H	do 55 00	
		Reid, Olive G	do	
		Rein, Lillian E	do	1
		Wandarhook II I	1uo	1 '
		Wort Fligo	do 60 00	
	,	Tagter Maria	do 00 00	1
		Tohnson T T	do 50 00	
		McMullan Jannia R	do 50 00	1
		Arneson Mahal	do 75 00	
		Browne W H	do 250 00	
		Cola H W	do 100 00	ŀ
		Coles B D	do 50 00	1
		Froberg Eric	do 75 00	l
		Hwasser, Anna Julia	do 50 00	1
		Southwell James	do 115 00	1
		Tomlinson, J. S	do 125 0 <b>0</b>	l
		Allen. Josephine	do 55 00	ł
		Bolan, Anna R.	do 60 00	1
		David, Eshoo	do	l
		Loomis, Metta	do	1
1		Gubbins, Maud	do 60 00	
		David, Paul	do 50 00	
		Badel, Nathan	do 50 00	l
		Tomek, Gertrude	do 60 00	ıļ.
		Solomon, Jacob	do 50 00	1
		David, Simon	do 50 00	ł
		George, Elia	do 50 00	
- 1		Kastanos, John	do 50 00	1
		Watson, Ethel Eva	do 50 00	· I
		Drennan, Peter	do 80 00	l l
ì		Schmidt, Josef	do 50 00	1
		Becker, Johann	do 50 00	
		Healan, Louise B	do	1
		Kiena, Joseph	ao	1
		Schultz, Harry	do35 00	1
		Renielat, Hubert F	do	']
8435	Morr 15	JOHES, Madel	Gt. Jan 12 20 47 50	0,00
8436	may 10	W Towin & Co	Con and graphing	\$460
8437	do	Tohn H. Dowle	General supplies	5
8438	do	White Line Loundry	Loundry	10
8439	do	Eastman Kodak Co	Canaral cumplies	10.
8440	do	Friend Mfg Co	Machinaranaire	13
8441	40	W Atlan Riman & Co	Conorolaupplies	1 7
8442	do	T P Rakar	do do	;
8443	.do	F M Folty	Field avnerse	13
8444	do	Leesley Bros	Nurgery stock	1 13
8445	do	Leesley Bros Reliable Plumbing & Heating Co. Graham Publishing Co.	Laboratory apparatus	18 18
8446	do	Graham Publishing Co	Office supplies	1 1
8447	do	C. W. Johnson	General supplies	
2440 1	do	Tohn Dajahand	Transfer or when Dr	l et
8449	do	White Poultry Farm	Cafeteria supplies	1 3
8450	do	Illinois Agriculturist.	General supplies	į ŝ
8451	do	Chicago Packing House	Laboratory supplies	25 69
8452	do	Miller Harness Co	Farm machinery	2
8453	do	Dallenbach Bros	Laboratory supplies	69
8454	do	D. L. Osborne.	Field expenses	1 3
8455	do	Gaylord Bros	General supplies	145
8456	do	Mite Poultry Farm Illinois Agriculturist. Chicago Packing House Miller Harness Co. Dallenbach Bros. D. L. Osborne. Gaylord Bros. National Biscuit Co. Farrar & Outnign	Cafeteria supplies	
8457	do	Farrar & Quinlan Chester Horse Shoeing Shop Perfection Mfg. Co.	do	6
8458	do	Chester Horse Shoeing Shop	Field expense	
8459	d۸	Derfaction Mfg Co	General supplies	1 1

No.	Date.	To whom.	For what.	Amour
	1914.	`		
8460	May 15	Maloney & Durham. Gulick Tailoring Co. General Chemical Co. Weston Electric Instrument Co. B. S. Pickett. H. Fahrnkopf. H. J. Snider. F. W. Garrett. E. R. Green. E. Garver	Farm machinery	\$11
8461	do	Gulick Tailoring Co	General supplies Laboratory suppliesdo Traveling expenses.	20
8462	do	General Chemical Co	Laboratory supplies	3
8463	do	Weston Electric Instrument Co	do	30
) 8464 ) 8465	do	B. S. Pickett	Traveling expenses	20 3
8466	do	T T Spider	-do	16
8467	do	F. W. Garrett	do	16
8468	do	E. R. Green	Field expenses	30
8469	do	E. R. Green. E. Garver A. J. Gunderson. C. C. Logan. S. V. Holt. E. G. Howe. F. W. Wascher. Ulric Johnson. H. C. Wheeler. R. W. Dickenson. R. E. Brand. Norton Co.	Traveling expenses	1 1
8470	do	A. J. Gunderson	do	22 19
8471	do	C. C. Logan	do	19
8472	do	S. V. Holt	do	37
8473	do	E. G. Howe.	do	13
8474	do	F. W. Wascher	Tield expenses	32 35
8475	do	Ulric Johnson	Trovaling expenses	43
$8476 \\ 8477$	do	P. W. Dielengen	do	41
8478	May 16	R E Brond	do	14
8479	qo 10	Norton Co	Laboratory supplies	2
8480	do	J. T. Baker Chemical Co	.do	25
8481	do	Twin City Printing Co	. do	1 2
8482	do	Osgood Co	do	ī
8483	do	The Daily Illini	. do. Laboratory supplies. Laboratory apparatus. Laboratory supplies do Laboratory apparatus do General supplies do . do . Laboratory apparatus	3
8434	do	Harris-Dillavou	Laboratory supplies	6
8485	do	Brown & Sharpe Mfg. Co	Laporatory apparatus	2
8486	do	The Carborundum Co	Laboratory supplies	1
8487 8488	do	Drott & Whitney Co	T above torry appearatus	6 8
8489	do	Union Twist Drill Co	do	21
8490	do	The C W Brownell Co	General supplies	1 1
8491	do	Alexander Lumber Co	do	5
8492	do	Royal A. Stines	- do	6
8493	do	Miller Harness Co	Farm machinery	ž
8494	do	G. Gennert	General supplies	7
8495	do	The Florists' Exchange	do. Farm machinery. General supplies. Library. Laboratory supplies. Labor.	1
8496	do	F. D. Kirkpatrick	Laboratory supplies	4
8497	do	Florence Wicklin	Labor. Clerical assistance. General supplies.	5
8498	do	The Letter Shop	Clerical assistance	2
8499	do	Champaign Seed Co	General supplies	$\frac{\bar{3}}{1}$
8500		American Florist Co	Company line	
8501	do	Twin City Ico & Cold Storage Co	do. General supplies. Laboratory supplies.	3
8502 8503	do	T E Goodrich	Laboratory supplies	i
8504	do	F. M. Foltz	Machine repairs. Feeding Stuff Field expenses. Laboratory supplies. Office supplies. Printing Laboratory supplies. Office acquirment	2
8505	do	H P. Steinespring	Feeding Stuff	ī
8506	do	C. C. Short.	Field expenses	5
8507	do	Metzler & Schafer Co	Laboratory supplies	· 46 5
8508	do	U. of I. Supply Store	Office supplies	5
8509	do	Illinois State Reformatory	Printing	61
8510	do	Eimer and Amend	Laboratory supplies	22
8511	ao	T. H. Uralg	Onice equipment	5 23
$8512 \\ 8513$		The Chas A Hell Handware Co	Conoral supplies	13
8514	uo	D H Llovdo	Office supplies	23
8515	do	John H. Dovle	General supplies	10
8516	do	H. H. Stoek	Datoratory supplies. Office equipment. Building materials General supplies. Office supplies. General supplies. Traveling expenses. Drains. General supplies. Incidentals. Building material. General suppliesdo Field expenses. General supplies. Laboratory supplies. Laboratory supplies. Laboratory apparatus. Roofing. General suppliesdo .do .to .do .to .to .to .to .to .to .to .to .to .t	61
8517	do	Jno. R. Bennett.	Drains	56
8518	do	A. S. Nelson & Sons	General supplies	14
8519	do	Champaign Steam Laundry	Incidentals	4
8520	do	Taylor Hardware Co	Building material	18
8521	ao	Strauen Kodak Finishing Shop	General supplies	10 20
$8522 \\ 8523$	oo	Charter Horse Shooing Shoo	Field expenses	20 6
8524	do	S E Huff & Co	General supplies	27
8525	do	Beavitt Mfg Co	Laboratory supplies	l i
8525 8526	do.	Bausch & Lomb Optical Co	Laboratory apparatus	6
8527	do	Twin City Roofing Co	Roofing	Ĭ
8528	do	B. E. Spalding.	General supplies	1
8529	do	G. C. Willis	do	4
8530	do	Eisner Grocery Co.	do	2
8531	do	M. S. Dudgeon.	Traveling expenses	36
8532	do	Carrie E. Scott	Lecture and traveling expenses.	14
8533	do	H. U. Gukerson	Traveling expenses	21
8534	ao	The Reardsley Hetel	Traveling expenses	6 3
8535	do	Ulric Johnson. H. C. Wheeler. R. W. Dickenson. R. E. Brand. Norton Co. J. T. Baker Chemical Co. Twin City Printing Co. Osgood Co. The Daily Illini. Harris-Dillavou. Brown & Sharpe Mig. Co. The Carborundum Co. Buffalo Wire Works Co. Pratt & Whitney Co. Union Twist Drill Co. The C. Whitney Co. Union Twist Drill Co. The C. W. Brownell Co. Alexander Lumber Co. Royal A. Stipes. Miller Harness Co. G. Gennert. The Florists' Exchange. F. D. Kirkpatrick. Florence Wicklin The Letter Shop. Champaign Seed Co. American Florist Co. The W. W. Barnard Co. Twin City Ice & Cold Storage Co. T. E. Goodrich. F. M. Foltz. H. P. Steinespring. C. C. Short. Metzler & Schafer Co. U. of I. Supply Store. Illinois State Reformatory. Eimer and Amend. T. H. Craig. Percival & Moorehead. The Chas. A. Hall Hardware Co. D. H. Lloyde. John H. Doyle. H. H. Stoek. Jno. R. Bennett. A. S. Nelson & Sons. Champaign Steam Laundry. Taylor Hardware Co. Strauch Kodak Finishing Shop. C. A. Kiler. Chester Horse Shoeing Shop. S. E. Huff & Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co. Beavitt Mig. Co.	Library books Traveling expenses. General laboratory supplies. General supplies.	7
8536 8537	do	H W Johns-Manvilla Co	Ganaral supplies	12
8538	40	Wail Brothers	do	4
0000		** O** ~100HOLD************************************		4

No.	Date.	To whom.	For what.	Amou
	1914.	Kentucky Electric Co. Chicago Paper Co. The Frederick Post Co. McGraw -Hill Book Co. Louise Eschauzier. American Inst. of Mining Engineers. The Kny-Scheere Co. G. Cramer Dry Plate Co. O. E. Staples. The Chester Transfer Co. Soft Water Laundry. American Hereford Cattle Breeders Assn. Munsell Publishing Co. Urbana & Champaign Ry., Gas, & Electric Co.		
8539	May 16	Kentucky Electric Co	Laboratory supplies	\$ 26
8540	do	Who Erodoriols Boot Co	Conorel graphics	59 23
$8541 \\ 8542$	do	McGrow Hill Book Co	Library books	5
8543	do	Louice Ecchennier	Laboratory apparatus	13
8544	do	A morison Inst. of Mining Engineers	Library book	3
8545	do	The Vny-Schoore Co	Laboratory apparatus	54
8546	do	G Cramer Dry Plate Co	General cumplies	21
8547	do	O E Stanles	Payrolls naid in each May 1914	255
8548	May 18	The Chester Transfer Co.	Dravage	33
8549	do	Soft Water Laundry	Incidentals	22
8550	do	American Hereford Cattle Breeders Assn.	do	1
8551	do	Munsell Publishing Co	Books	9
8552	do	Urbana & Champaign Ry., Gas, & Elec-		
	1	trie Co	Gas	855
8553	do	P. S. Campbell	Printing	43
8554	do	Society for the Promotion of Engineering		1
		Education	Incidentals	1
8555	do	Twin City Ice & Cold Storage Co	General supplies	8
8556	do	Chicago Historical Society	Clerical Assistance	6
8557	do	American Multigraph Sales Co	Office supplies	2
8558	do	Harshaw, Fuller & Goodwin Co	Laboratory supplies	1
8559	do	W eston Electric Instrument Co	Apparatus repairs	2
8560	do	American Hereford Cattle Breeders Assn. Munsell Publishing Co. Urbana & Champaign Ry., Gas, & Electric Co. P. S. Campbell. Society for the Promotion of Engineering Education. Twin City Ice & Cold Storage Co. Chicago Historical Society. American Multigraph Sales Co. Harshaw, Fuller & Goodwin Co. Harshaw, Fuller & Goodwin Co. Massillon Stone & Fire Brick Co. H. I. Carpenter. G. W. Sheldon & Co. Ernst Hertzberg & Sons. Taylor Instrument Co. Edward Orton, Jr. F. K. Robeson H. P. Steinspring. T. I. Killpatrick. Harris-Dillavou. Scott Paper Co. Iroquois Seed Farm Flanigan-Pearson Co. Osgood Co. B. E. Spaulding. G. C. Willis. Automatic Electric Co. C. C. Kiler. Star & Crescent Milling Co. Eisner Grocety Co. The Westinghouse Machine Co. W. Lewis & Co. B. A. Strauch. A. C. McClurg & Co. Miller Harness Co. McIntosh Stereopticon Co. Rance Sutton. Wm. Mays. E. E. Hoskins. C. E. Burkhart P. D. Long. Hollis & Duncan. Blaisdell Paper Pencil Co. Miller-Bryant-Pierce Co. The Linde Air Products Co. J. J. Bruman Royal Typewriter Co. Southern Illingios Penitentiary. Chicago Enginering Supply Co. The 'Friend' Mfg. Co. The Caldwell Co. Harris-Dillavou & Co. T. P. Chester Clapp-Eastham Co. E. B. Meyrowitz, Inc.	Laboratory supplies	3
8561	do	H. I. Carpenter.	Tuning.	17
8562 8563	do	Ut. W. Sneldon & Co	Furniture and fixtures	30
8000	do	Ernst Hertzberg & Sons	Binding	15
8564 8565	May 19	Taylor instrument Co	Laboratory supplies	15
8566		E Ward Orton, Jr	Conoral aumplies	3
8567	uo	H D Steingaring	Fooding stuff	88
8568	do	T I Villnetriek	Form machinery repairs	°3
8569	do	Harrig-Dillayou	Ganaral cumplies	2
8570	do	Soott Paper Co	do do	13
8571	do	The Standard Colorimeter Co	Laboratory apparatus	29
8572	do	Troquois Soed Form	Seed corn	1 1
8573	do	Flanigan-Pearson Co	Printing	11
8574	do	Osgood Co	do	2
8575	. do	B. E. Spaulding	Laboratory supplies	6
8576	do	G. C. Willis	Janitor's supplies	10
8577	do	Automatic Electric Co.	General supplies	25
8578	do	C. C. Kiler	do	8
8579	do	Star & Crescent Milling Co	Feeding stuff	580
8580	do	Eisner Grocery Co	do	15
8581	do	The Westinghouse Machine Co	Machine repairs	9
8582	do	W. Lewis & Co	General supplies	1
8583	do	B. A. Strauch	do	2
8584	do	A. C. McClurg & Co	Books	3
8585	do	Miller Harness Co	General supplies	1
8586	do	McIntosh Stereopticon Co	Laboratory apparatus	6
8587	do	Rance Sutton	Field expense	35
8588	do	Wm. Mays.	do	77
8589	ao	E. E. Hoskins	do	42
8590	00	D. D. Jane	uo	12
8591	do	Tollia & Duncon	Office grapplies	42
$8592 \\ 8593$	uo	Plaindall Paper Panel Co	do	15
8594	do	Miller-Rryont-Pierce Co	do	3
8595	do	The Linda Air Products Co	Laboratory supplies	3
8596	do	T T Brumen	Fooding stuff	70
8597	do	Royal Typewriter Co	Office equipment	1 10
8598	do	Southern Illinois Panitantiary	Sunnlies	12
8599	do	Chicago Enginering Supply Co	Tools	1 4
8600	do	The "Friend" Mfg. Co	Machine repairs	li
8601	do	The Caldwell Co	Building renairs	2
8602	do	Harris-Dillayon & Co	General supplies	2
8603	.do	T. P. Chester	do	30
8604	do	Harris-Dillavou & Co. T. P. Chester Clapp-Eastham Co. E. B. Meyrowitz, Inc. Eugene Dietzgen Co. Standard Oil Co. The Whitaker Paper Co. Ingersoll-Rand Co. The Scarborough Co. Percival & Moorehead J. W. Butler Paper Co. Flanigan-Pearson Co. S. E. Huff & Co. Alexander Lumber Co.	Laboratory apparatus	10
8605	do	E. B. Mevrowitz, Inc.	General supplies	l ĩ
8606	do	Eugene Dietzgen Co	do	Ē
8607	do	Standard Oil Co	do	l ä
8608	do	The Whitaker Paper Co	Janitor's supplies	23
8609	do	Ingersoll-Rand Co.	Laboratory apparatus	1 - 3
8610	do	The Scarborough Co.	Wall map	ä
8611	)do	Percival & Moorehead	Hardware supplies	7
$8611 \\ 8612$	do	J. W. Butler Paper Co	Paper, envelopes	. 142
8613	do	Flanigan-Pearson Co	Printing	24
8614	do	S. E. Huff & Co	Lumber	37 80
8615	1 40	Alexander Lumber Co	l do	1 80

No.	Date.	John H. Doyle.  Bacon Brothers. S. E. Huff & Co. Knowlton & Bennett B. F. Stevenson & Son Reliable Plumbing & Heating Co Twin City Roofing Co. National Engraving Co. Taylor Hardware Co. E. H. Sargent & Co. Underwood Typewriter Co. Illinois State Reformatory Eisner Grocery Co. Jacob White. Ansco Co. Miss A. I. Mulford. Ward's Natural Science Establishment. Empire Steam Laundry P. S. Campbell. C. C. Logan. E. Van Alstine John Reichard Pay roll. Bennett, W. L. Dunlap, B. H. Hunter, L. A. Stark, R. W. Campbell, C. A. Chapman, C. C. Lankford, John Reed, Alice. Sims, Flora M. Anderson, J. C. (Student). Colcord, F. M. (Student). DeWerff, H. A. (Student). DeWerff, H. A. (Student). Drunham, R. S. (Student). Grantham, G. M. (Student). Hufford, C. T. (Student). Torgerson, E. F. (Student). Hufford, C. T. (Student). Torgerson, E. F. (Student). Torgerson, E. F. (Student). Hufford, C. T. (Student). Torgerson, E. F. (Student). Foster, F. Pine, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Engle, R. M. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Bred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Ered. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Tornquist, Andrew. Layng, T. E. Dieckmann, T. W. Richardson, H. R. (Student). Blackburn, Fred. Blackburn, Fred. Blackburn, Fred. Blackburn, Fred. Blackburn, Fred. Blackburn, Fred. Black	For what.	Amount.
	1914.			
·O 8616	May 19	John H. Doyle.	Hardware supplies	\$ 30 78
O 8617	do	Bacon Brothers	Paint, etc	13 48 21 70
O 8618 O 8619	do	Knowlton & Rennett	Class ato	21 /0
O 8620	do	B. F. Stevenson & Son	Laboratory supplies	3 08 6 48 35 22
O 8620 O 8621 O 8622 O 8623	do	Reliable Plumbing & Heating Co	Plumbing, general supplies	35.22
O 8622	do	Twin City Roofing Co	Roofing, etc.	69 51
O 8623	do	National Engraving Co	Zinc etchings	4 38
O 8624	do	Taylor Hardware Co	Ladders, wire, etc	66 02 67 50 3 00 18 60 3 80 15 00
O 8625	do	Underwood Typewriter Co	Rental	3 0
O 8626 O 8627	do	Illinois State Reformatory	Printing	18 6
O 8628	do	Eisner Grocery Co.	Soap.	3 8
O 8629	do	Jacob White	Plastering	15 00
O 8630	do	Ansco Co.	Films	13 3
O 8631	do	Miss A. I. Mullord	Specimens	80 00
O 8632	do	Ward's Natural Science Establishment	Laundaring	77 8
O 8633	ao	P S Campbell	Printing	21 00 77 85 2 50 33 74 26 00
O 8634 O 8833 O 8834	May 23	C. C. Logan	Traveling expenses	33 74
0 8834	do	E. Van Alstine	do	26 0
0 8835	do	John Reichard	Feeding stuff	405 32 2,898 33
O 8836	do	Pay roll	May, 1914.	2,898 33
_		Bennett, W. L.	Wages, May, 1914 \$ 70 00	
	ł	Duniap, B. H	do 75 00	
		Stark R. W	do 100 00	
		Campbell, C. A.	do	
	1	Chapman, C. C.	do 100 00	
		Lankford, John	do 60 00	
	ĺ	Reed, Alice	do	l
		Sims, Flora M		ļ
	ļ	Colcord F M (Student)	do 45 00	
	l	DeWorff H A (Student)	do 57 50	
		Dunham, R. S. (Student)	do	
		Grantham, G. M. (Student)	do	
		Hufford, C. T. (Student)	do	
		Torgerson, E. F. (Student)	do	
		Wright, Jr., Douglas (Student)		
		Andrews, J. B	do 50 00	
		Engle R M (Student)	do 30 00	
		Foster, F	do	
		Pine, Fred	do	
		Tornquist, Andrew	do 75 00	
		Layng, T. E	do	
		Dieckmann, T. W	do 20 00	
		Stoutzenberg Florence (Student)	do 25 00	
		Bunch Mamie	do	
		Clark, Ethel (Student)	do	
		Harrý, W. L	do 100 00	
		Engle, W. J.	do	
		Crouch, H. E	do	
		Coto H A	do 70 00	
		Lawson, H. C.	_do60 00	
		Garver, Earl.	do	
	ļ	Jensen, Chris. C	do 55 00	
		Carlson, M. R	do	
		Ausen, Julius	1do	
		Paley, I	00 00	
		Burdielz T F	do 85 00	
	}	Johns W. E. (Student)	do	
		Hawthorne, W. C.	do	
1		Allison, I. D	do	
O 8635	May 19	Miller Harness Co	General supplies	3 10
O 8636	do	French Battery & Carbon Co	Tumbor	20 00
O 8637 O 8638 O 8639 O 8640	do	W. W. Walls & Co	Robbitt metal	20 17 9 89
O 8638 O 8639	do	Albert Pick & Co	Apparatus	8 14
O 8640	do	Roller-Smith Co.	Apparatus repairs	6 00
O 8641	do	Crescent Engraving Co	Engravings.	28 27
O 8641 O 8642	do	The Chicago Daily News Co	Advertisement	3 10 20 58 28 17 2 63 8 14 6 00 28 27 15 60 2 70 4 00
O 8643	do	Coon Bros	Freight refund	2 70
O 8644	do	Twin City Ice & Cold Storage Co	Coupon book	4,00 2,86
O 8645		A P Bloldon & Wond	LA IIII MATER WALET, 6005	2 Xr

No.	Date.	To whom.	For what.	Amour
	1914.	The U. of I. Supply Store.  Barnhart Bros.  The Weis Mfg. Co.  Eastern Moline Plow Co.  The Chas. A. Hall Hardware Co.  Champaign Seed Co.  F. K. Robeson.  Champaign Steam Laundry.  D. H. Lloyde.  Charles H. Besly & Co.  The Burr Co.  H. A. Hollister.  Wilhelm Miller.  J. H. Smith.  Geo. W. Medley.  M. L. Nebel.  Society of Beaux-Arts Architects.  Wilson Bros.	!	
8646	May 19	The U. of I. Supply Store	Supplies	\$ 25 3
9 8647 9 8648	do	Barnhart Bros	Chida	1 2
8649	do	Eastern Moline Plow Co	Shovel plow	3
8650	do	The Chas. A. Hall Hardware Co.	Ladders, etc.	24
8651	do	Champaign Seed Co	Seed	45
8652	do	F. K. Robeson	Supplies	142 27
) 8653 ) 8654	do	Champaign Steam Laundry	Laundering	6
8655	do	Charles H. Besly & Co	Laboratory supplies	19
8656	do	The Burr Co.	Repairs, supplies.	24
8657	do	H. A. Hollister	Traveling expenses	45
8658	do	Wilhelm Miller	do	63
8659 8660	do	J. H. Smith	Field expenses	63 57
	do	M. I. Nobel	Traveling expenses	57 18
8662	do	M. L. Nebel. Society of Beaux-Arts Architects. Wilson Bros. O. E. Staples, Bursar Novelty Supply Co. Indian Refining Co. Western Electric Co Library Bureau. Shultz Seed Co. The Caldwell Co. Rollins Steam Specialty & Valve Co. Cling-Surface Co. The Central Rubber & Supply Co. J. W. Dunlap. The Garlock Packing Co.	Membership dues	20
8663	do	Wilson Bros	Livery hire.	31
8664	do	O. E. Staples, Bursar	Student labor	502 217
8665	do	Novelty Supply Co	Examination books	217
8666 8667	do	Indian Refining Co	OII.	63
8667 8668	do	Western Electric Co	Truels wheels	100 15
8669	do	Shultz Seed Co	Corn	7
8670	do	The Caldwell Co.	Electrical supplies	5
8671 8672 8673	do	Rollins Steam Specialty & Valve Co	Valve	2
8672	do	Cling-Surface Co	Belt filler	8 45
8673 8674	do	The Central Rubber & Supply Co	Belt.	45
8675	00	J. W. Duniap	Mason work	42 8
8676	do	The Bahcock & Wilcox Co	Machine renairs	26
8676 8677 8678	do	Geo. B. Carpenter & Co.	Rope	7
8677 8678	May 20	Baker & Co., Inc.	Laboratory supplies	79
8679	do	E. W. Blatchford Co	do	1
8680	do	Jno. B. Bennett	General supplies	28
$8681 \\ 8682$	do	Who's Who in N. Y. City & State	Traveling expenses	10 47
8682 8683	do	Guliek Teilering Co	Repairing trunks	1
8684	do	Twin City Roofing Co.	Roofing	21
8685 8686	do	Twin City Printing Co	Printing	. 69
8686	do	The Grasselli Chemical Co	Arsenate of lead	_1
8687 8688	do	Dr. C. H. Eigenmann	Museum specimens	50
8688 8689	ao	Tohn Crorer Tibrery	Catalog cords	31 25
8690	do	The Warren Brush Co	Brushes and handles	12
8691	do	The Central Rubber & Supply Co. J. W. Dunlap. The Garlock Packing Co. The Babcock & Wilcox Co. Geo. B. Carpenter & Co. Baker & Co., Inc. E. W. Blatchford Co. Jno. B. Bennett. Who's Who in N. Y. City & State. Beardsley Hotel Co. Gulick Tailoring Co. Twin City Roofing Co. Twin City Printing Co. The Grasselli Chemical Co. Dr. C. H. Eigenmann W. J. Smith. John Crerar Library The Warren Brush Co. Jacob White. William Gaertner & Co. Woldenberg & Schaar The Western Electric Co. Eisner Grocery Co. E. A. Eichnorst. Bausch & Lomb Optical Co. Holstein-Friesian Assn of America Haussmann & Dunn Co. Shavings & Sawdust Co. Osgood Co. Howell's Microcosm G. W. Sheldon & Co. Woldenberg & Schaar	General supplies	6
8692	do	William Gaertner & Co	Laboratory apparatus and sup-	
0000		*** * * * * * * * * * * * * * * * * * *	plies	12
8693 8694	do	Woldenberg & Schaar	Laboratory supplies	62 269
8695	uo	Figner Grosery Co	Cafataria supplies	62
8696	do	E. A. Eichhorst	Farm machinery repairs	11
8697	do	Bausch & Lomb Optical Co	Laboratory supplies	6
8698	do	Holstein-Friesian Assn of America	Incidentals	1
8699	do	Haussmann & Dunn Co	Laboratory apparatus	5
8700 8701	do	Organd Co	Printing	73 13
8702	ob	Howall's Migrosogm	Laboratory apparatus	40
8703	do	G. W. Sheldon & Co Woldenberg & Schaar Buffalo Meter Co. Friend Mfg. Co. J. C. Thomas. Twin City Printing Co. H. A. Swits. Albert E. Wussteman	Laboratory apparatus.  Laboratory apparatus.  Machine repairs.  do  General supplies.  Printing  Laboratory apparatus.  Ceneral supplies	42
8704	do	Woldenberg & Schaar	Laboratory apparatus	60
8705	do	Buffalo Meter Co	Machine repairs	28
8706	do	Friend Mfg. Co	do	.4
8707 8708	do	J. U. Thomas	General supplies	12 8
8709	do	H A Swits	Laboratory apparatus	3
8710	do	Albert E. Wuesteman	General supplies	21
8711	do	Albert E. WuestemanInternational Harvester Co	Machine repairs	1
8712	do	The Rural Educator Co	Advertising	4
8713	do	C. R. Richards	Traveling expenses	26
8714	do	Herbert W. Mumford	do	6 15
8715 8716	do	W. T. Crandall	doBooks	15 46
8717	do	Bennetts Magazine Agency	Magazines	53
8718	do	Leavitt Mfg. Co	Fencing	11
8719	do	Leavitt Mfg. Co	Nursery stock	120
8720	do	Library Bureau	Nursery stock General supplies Laboratory supplies	70
8721	do	Standard Oil Co	Laboratory supplies	48
8722 8723	do	The Art Institute	Rent Printing and publishing	2 8
	do	Osgood Co	Trummig and bunitaning	٥

No.	Date.	To whom.	For what.	Amoun
	1914.	Norton Co. Wm. Schlotzhauer J. T. Newsome Harry C. Gilkerson H. J. Snider. H. C. Wheeler. Florence Harrison O. M. Allyn. Wm. Powell F. K. Robeson The Western Electric Co. J. T. Newsome A. S. Nelson & Sons. Ernst Hertzberg & Sons. Chester Horse Shoeing Shop. D. H. Lloyde Flanigan-Pearson Co. Knowtton & Bennett. W. W. Walls & Co. G. C. Willis Reliable Plumbing & Heating Co. U. of I. Supply Store. Eimer & Amend Ideal Electric Co. Taylor Hardware Co. Percival & Moorehead P. S. Campbell Miller Harness Co. Chicago Medical Book Co Crescent Engraving Co. Scientific Materials Co. Haussmann & Dunn Co Henry J. Green		
8724 8725	May 0	Norton Co	Apparatus repairs	\$ 2 48
8725	do	Wm. Schlotzhauer	Field expenses	48
8726 8727	do	J. T. Newsome	Traveling expenses	41
8727 8728 8729 8730 8731 8732 8733 8734	do	Harry C. Gilkerson	Traveling and field expenses	26
8728 8729	do	H. J. Snider	Traveling expenses	20 21 43 60 12 40
8729	do	H. C. Wheeler	do	43 3
8730 8731	do	Florence Harrison	do	60
8731	do	O M Allyn	do	12
8732	do	Wm Powell	Field expenses	40
8732 8733	Mov 21	F V Pohoson	Laboratory apparatus	10
8734	do 21	The Western Floatrie Co	Floatrical supplies	60 2
0705		T TO Management	Field ormanas	60
8735 8736		J. I. Newsome	Company Transmitter	60 2 46 14 3
8/30	ao	A. S. Nelson & Sons	General supplies	2
8737	do	Ernst Hertzberg & Sons	B00KS	46
8738	do	Chester Horse Shoeing Shop	Field expenses	14 3 99 5 7
8739 8740	do	D. H. Lloyde	Office supplies	3
8740	do	Flanigan-Pearson Co	Printing	99
8741	do	Knowlton & Bennett	General supplies	5
8742	do	W W Walls & Co	do	7
8743	do	a c Willie	do	74
8743 8744	do	Doliable Blumbing & Traction Co	Plumbing supplies	74 2 8 24 5 14 5 13 6
0744	uo	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Office granulies	5 7 74 2 8
8745	ao	U. of I. Supply Store	Omce suppnes	8
8746	do	Elmer & Amend	Laboratory supplies	24
8747	do	Ideal Electric Co	General supplies	5
8748	do	Taylor Hardware Co	General supplies	14
8749	do	Percival & Moorehead	do	5
8750 8751	do	P. S. Camphell	Printing	13
2751	do	Miller Herness Co	Form machinary	-6
8752	Mor 20	Chicago Medical Pack Co	Books	1 4
0770	may 22	Chicago Medical Book Co	Duintin a	10
8753	ao	Crescent Engraving Co	Frincing	13 11
8754 8755	do	Scientific Materials Co	Laboratory supplies	- 11
8755	do	Haussmann & Dunn Co	Laboratory apparatus and sup-	
			plies	23
8756	do	Henry J. Green	Laboratory apparatus	3
8757	do	Burr-Vack Co	Office supplies	27
8758	do	Thomas I Dog & Co	Laboratory supplies	14
8759	do	Empt Toite	do	21
0700		Mallany & Mitchell	A dwartiging	3 27 14 34
8760 8761	ao	manory & Mitchen	T -1 t	5 9
8761	ao	A. C. Lenmann	Laporatory supplies	4
8762	do	French-American Import Co	do	4
8763	do	Crucible Steel Co. of America	do	13 3 5 12 22 15 17 1 5 25 6 15 3
8764 8765	do	Koehler Mfg. Co	Laboratory apparatus	3
8765	do	S. H. Burton	General supplies	5
8766	ob	Leavitt Mfg. Co.	Farm machinery repairs	1
8767	do	Ellery B. Poine	Traveling expenses	22
8768	do	T T Ryorgon & Son	Laboratory supplies	15
8768 8769		Hoosin Mfg. Co	Tanitor's supplies	17
0709	<del>4</del> 0	Manier Male de la Constant de Constant Co	Machine penaing	1
8770	ao	marion machine roundry & supply Co	Machine repairs	‡
8771 8772 8773	ao	Oldnam Brotners	Laboratory supplies	20
8772	do	Twin City Ice & Cold Storage Co	General supplies	25
8773	do	Bausch & Lomb Optical Co	Laboratory apparatus	6
8774	do	Armour Fertilizer Works	General supplies	15
8775 8776	do	Johnson Bros.	do	3
8776	. do	The Emil Greiner Co	Laboratory supplies	41
8777	do	Ely Brothers Carriage Shop	Farm machinery repairs	18
8778	40	New Jersey School Church Furniture Co	General supplies	7
0110		To M Mali	Laboratory apparetus	7 2
8779 8780	qo	The M. Moll.	Daboratory apparatus	
8780	ao	Orbana & Champaigh Ry., Gas & Elec-	G 1 1	000
	_	tric Co	General supplies	236
8781	do	Alex Harmon & Son	Field expenses	
8781 8782	do	S. C. Wilson & Co	Feeding stuff	15
8783	ob	Commonwealth-Edison Co	Electric power	11
8784	do	P G Burt	Traveling expenses	5 14
0702	uo	IT C Megica	do	14
8785	qo	G. D. MOSIEI	Drinting and publishing	907
8786	ao	Geo. Dania Publishing Co	Timing and publishing	401
8787	do	R. W. Braithwaite	Expert service	
8788	do	Jouy-Wieland & Richardson Co	General supplies Field expenses Freeding stuff Electric power Traveling expenses .do Printing and publishing Expert service Frield expense General supplies Laboratory supplies General supplies Oneral supplies .do Printing General supplies	51
8789 8790	do	Eisner Grocery Co	General supplies	19
8790	do	The Burr Co	Laboratory supplies	. 44
8791	do.	Alexander Lumber Co	General supplies	70
8792	do	Recon Brothers	do	28
0700	uo	Tilinois Stote Defermentary	Printing	100
0/90	ao	Thurs Butte Reformatory	Canonal aunalies	109
0704	ao	Гол H. Dolie	General supplies	13
8793 8794	do	S. E. Huff & Co	ao	64
8794 7795		ID L t D t L	1 do	1 8
8794 7795 8796	do	Barnnart Brotners		
8794 7795 8796 8797	do	The Chas. A. Hall Hardware Co.	Farm machinery and supplies	62
8794 7795 8796 8797 8798	do	The Chas. A. Hall Hardware Co	Farm machinery and supplies	62 29
8794 7795 8796 8797 8798 8799	do do	Scientific Măterials Co. Hausmann & Dunn Co. Henry J. Green Burr-Vack Co. Thomas J. Dee & Co. Ernst Leitz. Mallory & Mitchell A. C. Lehmann French-American Import Co. Crucible Steel Co. of America. Koehler Mfg. Co. S. H. Burton Leavitt Mfg. Co. Ellery B. Paine. J. T. Ryerson & Son Hoosir Mfg. Co. Marion Machine Foundry & Supply Co. Oldham Brothers. Twin City Ice & Cold Storage Co. Bausch & Lomb Optical Co. Armour Fertilizer Works Johnson Bros. The Emil Greiner Co. Ely Brothers Carriage Shop. New Jersey School-Church Furniture Co. E. M. Moll. Urbana & Champaign Ry., Gas & Electric Co. Alex Harmon & Son S. C. Wilson & Co. Commonwealth-Edison Co. P. G. Burt. J. G. Mosier Geo. Banta Publishing Co. R. W. Braithwaite. Jolly-Wieland & Richardson Co. Eisner Grocery Co. The Burr Co. Alexander Lumber Co. Bacon Brothers. Illinois State Reformatory. John H. Doyle S. E. Huff & Co. Barnhart Brothers The Chas. A. Hall Hardware Co. E. A. Eichnorst. V. Mueller & Co. Marshall Field & Co.	do. Farm machinery and supplies. Farm machinery. General supplies	14 287 3 51 199 28 109 13 64 8 62 29 59

o. Date.	To whom.	For what.	Amou
1914.	22 Arthur Ochs. Western Lumber Co. National Engraving Co. A. C. McClurg & Co. The Creamery Package Mfg. Co. Library of Congress. A. W. Shaw & Co. 3 O. E. Staples, Bursar. C. M. Wirick. Urbana Courier Co. B. F. Stevenson & Sons. The Linen Thread Co. Lansing Co.		
3801 May	2 Arthur Ochs	Laboratory supplies	\$ 9
8802do	. Western Lumber Co	General supplies	7
803   do	. National Engraving Co	Printing and publishing	28
3804do	. A. C. McClurg & Co	Laboratory supplies	11
8805do	. The Creamery Package Mfg. Co	Laboratory apparatus	38
808   do	Library of Congress	Expert service	400
8807do	A. W. Shaw & Co	Subscription	100
8808 May	3 O E Stanles Burger	Ganarallahor	104
8809do	C. M. Wiriolz	Travaling avnances	109
8809do	Urbana Courier Co	Drinting oxponsos	6
0011	D D Chamaran & Com	IC of stands 1	42
8811do	. D. F. Stevenson & Sons	Careteria supplies	42
8812 I UU	The Linen Thread Co	Laporatory apparatus	
813do	Lansing Co. Flanigan-Pearson Co. Guy Daily	do. Printing and publishing. General supplies. Expert service.	18 292
814do	. Flanigan-Pearson Co	Printing and publishing	292
815do	. Guy Daily	General supplies	1 10
816do	R. W. Braithwaite Ward's National Science Establishment. Reliable Plumbing & Heating Co.	Expert service	31
817do	Ward's National Science Establishment	Museum specimens	57
818do	Reliable Plumbing & Heating Co.	Building repairs	15
819do	Halon Pooriok	Traveling expenses	1 5
0000		E-manusco	27
8820do	Charles Today	Expert service. Traveling expenses.	
8821do	Charles Fairman	Traveling expenses	6
8822  do	Perry Clark	do	6
823do	. Dorthy Doty	do	1 7
824do	Dorthy Doty Helen Doty Joseph Dromgoole	. do	7
825do	Joseph Dromgoole	do	
826 do	Philip Carbangh.	do	37
827do	Chas A Camphell	do Traveling and field expenses	37
827do 828do		Traveling and field expenses	40
829  do	Goo W Modley	Field avnance	26
1000	Total Tanal	Pietu expense	20
830do	Emil Loren	Traveling expenses	28
831do	. F W. Wascher	do	38 3, 761
832do 837do	. R. W. Dickenson	do	38
837do	Pay roll	May, 1914	3,761
	Askins, Levi Rov	Wages, May, 1914 \$ 45 00	1
	Brentlinger, Emmett P	do 50 00	
	Brown C F	do 50 00	
	Brown F I	do	
	Brown Edward	do	
	Down, Edward	40.00	
ì	Boswell, Andrew	do	
ŀ	Boswell, James	do	
	Bullock, T. D.	do	
	Conrad, Emma	do	
	Corson, A. J.	do 50 00	
	Curry, Florence J	do 30 00	
	Dale, Fred	do 50 00	
-	Dillion, Jasper	do 50 00	
	Eaton Ralph	do	
	Egelston Asa T	do	
	Engle Lawrence	do	
1	Floalron John Book	.do	
1	Cocast T Olivon	do 00 00	
1	Good La Florence II	do	
1	Grappe, Florence H	do50 00	
4	Grimin, L. A	do 50 00	
1	Hamiin, Ciyde	do 55 00	
1	Emil Lorch F W. Wascher R. W. Dickenson. Pay roll Askins, Levi Roy Brentlinger, Emmett P Brown, C. F Brown, E. J Brown, E. J Brown, E. J Brown, E. J Brown, E. J Brown, E. J Brown, E. J Coronad, Emma Corson, A. J Curry, Florence J Dale, Fred Dillion, Jasper Eaton, Ralph Egelston, Asa T Engle, Lawrence Flocken, John Beck Gossett, J. Oliver Grabbe, Florence H Griffith, L. A Hamlin, Clyde Hamlin, Hiram Harding, Clayton F Heath, William Hensel, Etta Herbert, J. J Houser, Frank E Jacobson, I. S Jensen, George Luther, Ida L McQueen, H. D Marsh, W. T Marshall, Samuel A Miller, W. W Mink, George Moore, H. E Muhleman, Elizabeth Nesbit, Lawrence Orrill, Russell Pollard, Charles. Prewitt, Floyd E Redman, Louise E	do 50 00	
1	Harding, Clayton F	do 100 00	
3	Heath, William	do 50 00	
1	Hensel, Etta.	do	
4	Herbert I J	do 85 00	
A .	Houser Fronk E	do	
1	Tagobson I C	.do 60 00	
1	Tangan Canana		
i i	Jensen, George	do 55 00	
1	Lutner, Ida L	do 23 50	
d	McQueen, H. D.	do 50 00	
į.	Marsh, W. T	do	
3	Marshall, Samuel A	do 47 50	
i i	Miller, W. W.	do 75 00	
1	Mink, George	do	
+	Moore, H. E.	do	
1	Muhleman Elizabeth	do	
1	Noghit Lawrongo	do	
1	Camill Days all	do	•
	Offili, Kussell	ao	
1	Pollard, Charles.	do	
1	Prewitt, Floyd E	do 50 00	
ı	[Redman, Louise E	do 60 00	
1	Prollard, Charles. Prewitt, Floyd E. Redman, Louise E. Ross, Roy M. Sanders, Frank Sayer, Clint. Shipman, Cash	do	
1	Sanders, Frank	do 50 00 do 35 00	
	Saver Clint	l do	

No.	Date.	To whom.	For what.	Amour
	1914.	Shue, Mrs. Lizzie B Stephens, William R Stivers, M. F Stoltzfus, A mos L Uttherback, Hugh Utterback, L Williamson, Hiram Argo, Roy. Barto, Lucy M Chaplin, Ralph Conley, M. J Cook, Jesse. Crawford, T. P Goodspeed, W. S Harolle, Claude Hough, William Jenkins, Elmer Kelley, J. R. Meemach, Earl Morgan, J. E Patterson, Will Pritchard, H Pritchard, R Rhoads, Hazel Rose, M. D Sprinkle, D. C Stoneburner, A. J. J. D. White. Twin City Lee & Cold Storage Co. F. K. Robeson American Radiator Co. Chas. Black Thomsen Chemical Co. Illinois Water Supply Assn. H. S. McCracken Box & Label Co Werwick & York, Ine Weil Bros. The Davis Ewing Concrete Co. J. J. Brennen Illinois State Reformatory. Kimble Durand Glass Co Geo. B. Carpenter & Co Western Valve Co. Mining and Scientific Press Becker Steel Co. of America. International Text Book Co. Meston Electric Instrument Co. Pratt & Whitney C. E. Durst. A. J. Gunderson. Fuller & Fuller Co. Electrical Supply Co. Standard Oil Co. The Burr Co. S. E. Huff & Co. Alexander Lumber Co. Oldham Brothers.		
O 8837	May 23	Shue, Mrs. Lizzie B	Wages, May, 1914 \$40 00	
Cld.		Stephens, William R	1do	
		Stoltzfus, Amos L	do	
	1	Uttberback, Hugh	do	
		Utterback, L.	do	
		Argo Roy	do 55 00	
		Barto, Lucy M	do	
	1	Chaplin, Ralph	do	
	1	Cools Tagge	do	
	}	Crawford, T. P.	do	
		Goodspeed, W. S.	do	
		Harolle, Claude	do	
		Hough, William	do	
		Kelley J. R.	do 57 50	
		Meenach, Earl	do	
	l	Morgan, J. E.	do	
		Pritchard H	do 50 00	
		Pritchard, R	do	
		Rhoads, Hazel	do	
	ĺ	Rose, M. D.	do	
	İ	Stoneburner A T	do	
8838	May 25	J. D. White	Postage	· \$515
8838 8839	do	Twin City Ice & Cold Storage Co	General supplies	4
8840 8841	do	F. K. Robeson	do	4 22 1 6 20 1 7 6 1 14 103
8841 8842	do	American Radiator Co	Freight	1
8843	do	Thomsen Chemical Co	General supplies	20
8844	do	Illinois Water Supply Assn.	Reprints	ĭ
8845	do	H. S. McCracken Box & Label Co	Office supplies	7
8846	do	Werwick & York, Inc	Printing and publishing	6
8847 8848	do	The Davis Ewing Concrete Co	Fencing	14
8849	do	J. J. Brennen	Feeding Stuff	103
8838 8839 8841 8842 8843 8844 8845 8846 8847 8849 8850 8851 8852 8853 8854 8853	do	Illinois State Reformatory	Printing	3 16
8851	do	Kimble-Durand Glass Co	Laboratory supplies	16
8852 8853	do	Western Valve Co	Plumbing supplies	17
8854	do	Mining and Scientific Press	Books.	2 1
8855 8856 8857 8858 8859 8860 8861 8862	do	Becker Steel Co. of America	Laboratory supplies	1
8856 8857	do	International Text Book Co	Book.	20 20
8858	do	Pratt & Whitney Co	Apparatus renairs	1
8859 8860	do	American Hard Rubber Co.	Laboratory apparatus	1 <u>1</u> 3
8860	do	Wilhelm Miller	Traveling expenses	3
8861 8862	do	L. R. Lang	do	5 8 12
8863	do	C. E. Durst	do	12
8864	do	A. J. Gunderson.	do	32 5 60 6
8865	do	Fuller & Fuller Co	Laboratory supplies	5
8866 8867	do	Standard Oil Co	General supplies	90
8868	do	The Burr Co	Laboratory apparatus and sup-	Ū
			plies	. 18
8869	do	S. E. Huff & Co	Walks	18 35 29
8870 8871	do	Oldham Brothers	do do	4
8872	do	Bacon Brothers	Repairs.	6
8873	do	C. A. Kiler	General supplies	1
8874 875	do	John T. Groot	Student assistance	139
8876	do	Miller-Bryant-Pierce Co	Office supplies.	7
8876 8877	do	J. W. Butler Paper Co	do	139 37 7 104
8878	do	D. H. Lloyde	do	219
8879 8880	on	A. U. McClurg & Co	Laboratory apperetus	219 17 6
8881	do	W. T. Crandall	Electrical supplies. General supplies. Laboratory apparatus and supplies. Walks. General suppliesdo. Repairs. General supplies. Student assistance. Traveling expenses  do .do .do .do .do .do .do .do .do .do	17
8882	do	A. W. Nolan	do	6
8883	do	F. A. Fisher	do	14 13
8883 8884 8885	do	U. M. Allyn	do	· 13
8886	do	Alexander Lumber Co. Oldham Brothers. Bacon Brothers. C. A. Kiler. John T. Groot. F. A. Pearson. Miller-Bryant-Pierce Co. J. W. Butler Paper Co. D. H. Lloyde. A. C. McClurg & Co. Stearnes Steel Range Co. W. T. Crandall A. W. Nolan. F. A. Fisher. O. M. Allyn. J. B. Andrews. P. W. Kessinger. F. W. Wascher. S. V. Holt.	Traveling expensesdododododododo	20 64
8887	do	F. W. Wascher.	Traveling expenses.	64 30
8888		O 77 77 11		68

D 8889	1914.	R. W. Dickenson. A. L. Moats. J. W. Smith. F. W. Garrett. Harry C. Gilkerson. E. E. Hoskins. H. J. Snider. S. O. Andros. Miss Olive Percival. Keuffel & Esser Co. United States Blue Print paper. Hibbard, Spencer, Bartlett & Co. Graham Paper Co. James B. Clow & Sons. The Weis Mig. Co. Taylor Hardware Co. F. K. Robeson. Illinois State Reformatory. Norton Co. The A. I. Root Co. Geo. Murphy. Barnhart Bros. The University of Chicago Press. The Burr Co. Garlock Packing Co. W. G. Griffith. Twin City Mig. Co. Woldenberg & Schaar L. C. Smith & Bros. G. C. Willis. A. H. Barber Creamery Supply Co. C. A. Denman. P. Diedrich Louis Ely The Burr Co. The Frederick Post Co. Chenmain Seed Co.	Traveling armanage	\$ 44
8890	May 21	A L Mosts	Field expenses	29
8891	do	J. W. Smith.	do	. 32
) 8892 ) 8893	do	F. W. Garrett	Traveling expenses	22
8893	do	Harry C. Gilkerson	. do	- 22
8894	do	E. E. Hoskins	. do	25
8895 8896	do	H.J. Snider	do	15
8896 8897	do	S. O. Andros.	. d0	10 30
8898	do	Wauffal & Eggar Co	Office cumplies	5
8899	do	United States Blue Print paper	do	"
8900	do	Hibbard, Spencer, Bartlett & Co	do	1
8901 8902	do	Graham Paper Co.	do	
8902	do	James B. Clow & Sons	do	14
8903	do	The Weis Mfg. Co	do	16
8904	do	Taylor Hardware Co	Building materials	19
8905	do	F. K. Robeson	General supplies	5
8906	ao	Illinois State Reformatory	Printing	82 1
8907 8908	do	Mba A T Boot Co	General supplies	32
8909	do	Coo Murphy	do	02
8910	do	Barnhart Bros	do	
8911	do	The University of Chicago Press	Printing catalog cards	] ]
8912	do	The Burr Co	Farm machinery	25
8913	do	Garlock Packing Co	General supplies	29
8914	do	W. G. Griffith.	Feeding stuff	12
8915	do	Twin City Mfg. Co	General supplies	J
8916	do	Woldenberg & Schaar	Laboratory apparatus	46
8917	do	L. C. Smith & Bros	Office supplies	· 2
8918	do	G. C. Willis	Furniture	J 2
8919	go	A. H. Barber Creamery Supply Co	General supplies	51
8920 8921	do	C. A. Denman	Painting	62
8922	do	Tours Els	Farm machinery	6
8923	Mov 90	The Burn Co	rarm machinery repairs	14
8924	do 20	The Fraderick Post Co	Ganaralranaire	14
8925	do	Champaign Seed Co	Feeding stuff	2
8926	do	The 3-H. Mfg. Co.	Laboratory apparatus	7
8927	do	W. W. Walls & Co.	Building material	5
8928	do	Twin City Printing Co	Printing	14
8929	do	J. D. White	Postage	155
8930	do	McIntosh Steropticon Co	General supplies	2
8931	do	J. Horace McFarland Co	Laboratory apparatus	2
8932	do	The Kentucky Tobacco Products Co	Laboratory supplies	28
8933 8934	go	Horticulture Publishing Co	Magazine	# 1 19
8955	do	Root. Gainer Co	Building repairs	28
8936	do	Becon Brothers	Form mochinary repairs	1
8937	do	Dairyman Supply Co	Laboratory apparatus	17
8938	do	H. Swannell & Son	General supplies	4
8939	do	G. C. Willis	do	7
8940	do	L. C. Smith & Bros. Co	Rental	7
8941	do	Woldenberg & Schaar	Laboratory supplies	172
8942	do,.	Central Electric Co	Electrical supplies	40
8943	do	P. Diedrich Louis Ely The Burr Co. The Frederick Post Co. Champaign Seed Co. The 3-H. Mfg. Co. W. W. Walls & Co. Typin City Printing Co. J. D. White McIntosh Steropticon Co. J. Horace McFarland Co. J. Horace McFarland Co. Horticulture Publishing Co. Robt. Gaffner Co. Bennetts Magazine Agency Bacon Brothers Dairymen Supply Co. H. Swannell & Son G. C. Willis L. C. Smith & Bros. Co. Woldenberg & Schaar Central Electric Co. Co. C. C. Short National Drain Tile Co. Chas. Welch. W. I. Saffell Co. The Adams-Bagnall Electric Co. Ansco Co.	Filed expense	2
8944	do	National Drain Tile Co	Drain	92
8945 8946	op	Unas, welch	Congress supplies	8
8946	do	The Adems-Regnell Fleetric Co.	do do	. 3
8947	do	Angeo Co	do	3
8949	do	The Frederick Post Co	do	12
8950	do	W. I. Saffell Co The Adams-Bagnall Electric Co Ansco Co The Frederick Post Co The Frederick Post Co Taylor Hardware Co Bausch & Lomb Optical Co Smith & Co D. H. Lloyde Western Electric Co Eimer & Amend Indian Refining Co E. I. duPont deNemours Powder Co Charles Mollet	Corbin spring	-4
8951	do	Bausch & Lomb Optical Co.	Apparatus repairs.	3
8952	do	Smith & Co	Ice.	25
8953 .	do	D. H. Lloyde	Office supplies	.2
8954 .	doj	Western Electric Co	Laboratory supplies	17
8955 .	do	Eimer & Amend	Laboratory supplies	17
8956 .	do	Indian Refining Co.	General supplies	3
8957 .	do	E. 1. duPont deNemours Powder Co	Laporatory apparatus and sup-	0=
0050	ا	Charles Mallet	piles	85
8958   . 8959   .	op	Charles Mollet	Canapalaupplias	5 30
8960 .	uo	D T Dobbins	Tooding stuff	30 3
8961	do	W W Walls & Co	Ruilding meteriele	18
8962	do	Iames B Clow & Sone	piles. Laboratory apparatus. General supplies. Feeding stuff Building materials. Plumbing materials. Furniture and fixtures	6
8963	do	T. P. Smith Wire & Iron Works	Furniture and fixtures	11
8964	.do.	1. 1. Simuli Who de Holl Works	General supplies	7
		vviiiuii vviiiiiiiiiiiiiiiiiiii	~	•

No.	Date.	To whom.	For what.	Amount
	1914.	F. M. Leslie		
O 8965 O 8966	May 28	F. M. Leslie	IncidentalsGeneral supplies	<b>\$</b> 9
O 8967	40	William Gaertner & Co	A paratus renairs	22 0 109 8 8 3
O 8968	do	General Chemical Co.	Apparatus repairs. Laboratory supplies.	109 8
O 8969	do	H. Swannell & Son	do	8 3 1 6
O 8970 O 8971	do	The Globe Soap Co.	do do do Laboratory apparatus General supplies Electrical supplies Office supplies General supplies Advertising Analyses do Rental Building materials General supplies	1 6 25 0
O 8971 O 8972	do	Roessler & Hasslacher Chemical Co	Laboratory apparatus	25 0
O 8972 O 8973 O 8974	do	Central Electric Co	Electrical supplies	12 0
O 8974	do	Irving-Pitt Mfg. Co	Office supplies	9
O 8975 O 8976 O 8977 O 8978	do	Wertheimer Bros	General supplies	0.77
O 8976	do	Champaign Daily Gazette	Advertising	2 7 3 0 64 2 140 0 7 5 3 4 3 2 1
O 8977 O 8978	do	F. H. Whittum	Analyses	64 2
O 8978	ao	J. M. Lindgren. L. C. Smith & Brog. Typography Co.	Pantal	140 0
O 8979 O 8980 O 8981	do	Singer Sewing Machine Co	Building materials	1 3
O 8981	do	G. C. Willis	General supplies	4 3
O 8982	do	J. Horace McFarland Co	Laboratory apparatus	2 1
O 8983	do	F. K. Robeson	General supplies	2 9
O 8984	do	Keystone View Co	Laboratory apparatus	15 4
O 8985 O 8986	do	Henry A. Dreer, Inc.	General supplies	3 7
O 8982 O 8983 O 8984 O 8985 O 8986 O 8987 O 8988	May on	I Palav	Building materials General supplies Laboratory apparatus General supplies Laboratory apparatus General supplies Laboratory materials Traveling expenses Laboratory supplies Printing and publishing General supplies Printing General supplies Funiture and fixtures Machine repairs Printing	2 1 2 9 15 4 3 7 37 4 11 4
O 8988	do	The Carborundum Co	Laboratory supplies	11 4
O 8989	do	National Engraving Co.	Printing and publishing	4 3
O 8990	do	Hall Hardware Co	General supplies	30.5
O 8991	do	The University Press	Printing	6 0 1 5
O 8992	do	Barnhart Bros	General supplies	1 5
O 8993 O 8994	do	Walker & Mulliken	Furniture and fixtures	21 5
O 8989 O 8990 O 8991 O 8992 O 8993 O 8994 O 8995	do	Illinois State Reformatory	Printing	21 5 8 7 46 9
O 8996	do	E. H. Sargent & Co	Printing Laboratory supplies Painting Building materials	65 1
O 8997	do	C. A. Denman	Painting	65 1 76 4
O 8998	do	Twin City Roofing Co	Building materials	14 4
O 8999	do	S. E. Huff & Co	do	46 6
O 9000	do	The Burr Co	General supplies	20 9 17 5
O 9001 O 9002	ao	Dallenbach Bros	Laboratory supplies	88 1
O 8996 O 8997 O 8998 O 8999 O 9000 O 9001 O 9002 O 9003 O 9004 O 9005 O 9006	May 28	Harris-Dillayou	Laboratory supplies	60
O 9004	do 20	The U. S. Electrical Tool Co.	Annaratus renairs	6 0
O 9005	do	Colonial Steel Co.	Laboratory supplies	4
O 9006	do	Oldham Bros	General supplies	2 0
O 9007	do	G. W. Heitkamp	Traveling expenses	5 0
Q 9008	do	F. E. McClughen	Laundry	15 6
O 9009 O 9010	do	D II Lloydo	Traveling expenses	5 0 15 6 4 5 4 0
0 9011	do	Louis Balsam	Traveling avnenges	5 6
0 9012	do	J. M. Lindgren	Analyses	5 6 20 0 19 7
O 9013	do	Indian Refining Co.	General supplies	19 7
Q 9014	do	The Cudahy Packing Co	Janitor's supplies	19 4 40 8
O 9015	do	Western Bank Note & Engraving Co	Supplies	40 8
O 9016 O 9017	do	Armour Fortilian Works	General supplies	1 5 15 0
O 9018	do	Charles Rellward	Leboratory apparatus	25
9018 9019	do	Colonial Steel Co Oldham Bros G. W. Heitkamp F. E. McClughen Lois Daniels. D. H. Lloyde Louis Balsam J. M. Lindgren Indian Refining Co. The Cudahy Packing Co. Western Bank Note & Engraving Co C. P. Howard Armour Fertilizer Works Charles Bellward Vaughn Seed Store. The Bunt Co.	Painting Building materialsdoGeneral supplies Laboratory supplies General labor Laboratory supplies Apparatus repairs Laboratory supplies Apparatus repairs Laboratory supplies General supplies Traveling expenses Laundry Traveling expenses Piano tuning Traveling expenses Analyses General supplies Janitor's supplies Supplies General supplies Fertilizer Laboratory apparatus General suppliesdo Lecture Traveling expensesdodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	2 5 3 2 34 0
9020	do	The Burr Co.	do	34 0
9021	do	E. C. Stone.	Lecture	10 0 14 0
9022	do	E. Van Alstine	Traveling expenses	14 0
9023 9024	do	J. G. MOSIET		14 9
O 9024 O 9025	do	C. C. Logan	do	25 6 17 6
9025 9026	.do	Jacob Ten Boer	Field expenses	32 4
9027	do	Robert W. Hoffman.	Traveling expenses	12 5
9028 9029	do	C. E. Durst	do	7 4
9029	do	B. E. Spalding	Laboratory apparatus	[ 5
9030 9031	do	G. C. Willis	Laboratory supplies	5
O 9031 O 9032	do	Metzier & Schaier Co	General supplies	5
9032 9033	do	American Museum of Natural History	Contribution	2,500 0
9034	do	Ernst Hertzberg & Sons.	Books	1 4
9035	do	Illinois Traction System	General labor	57 2 24 7
9036	do	Yetta Scheftel	General labor Traveling expenses Laboratory supplies Farm machinery	24 7
9037	do	Bacon Brothers	Laboratory supplies	4 1
O 9038 O 9039		F. M. Lesile	Puilding metericle	37 1
O 9039 O 9040	ao	Charles Bellward. Vaughn Seed Store. The Burr Co. E. C. Stone. E. Van Alstine J. G. Mosier. O. S. Fisher. C. C. Logan. Jacob Ten Beer. Robert W. Hoffman. C. E. Durst. B. E. Spalding. G. C. Willis. Metzler & Schafer Co. B. A. Strauch. American Museum of Natural History. Ernst Hertzberg & Sons. Illinois Traction System. Yetta Scheftel. Bacon Brothers. F. M. Leslie. Hunter, Rourke & Co. D. H. Lloyde. Taylor Hardware Co. S. E. Huff & Co. Pay roll.	Farm machinery Building materials Office supplies Building materialsdodoMay, 1914	88 8 7 0
0 9040	do	Taylor Hardware Co	Building materials	18 3
0 9042	do	S. E. Huff & Co.	do	33 5
0 9043		Dow noll	Mov 1014	455 C

No.	Date.	To whom.	For what.	Amou
	1914.			
9043	May 29	Magnuson, A. O Pergande, R. Sinclair, C. R. Swearingen, Daisy Wilson, Ray W. Heninger, Fred Manley, Verna A. Tackitit, Ora. A. S. Nélson & Sons A. C. McClurg & Co. Renington Typewriter Co. Ernst Hertzberg & Sons. Edwin L. Hasker Fred J. Blackburn	Wages, May, 1914 \$80 00	
Cld.		Pergande, R	do	
	1	Sinclair, C. R	do	
,		Swearingen, Daisy	do 50 00	
		Wilson, Ray W	do 65 00	
		Heninger, Fred	do	
		Manley, Verna A	do	
	l	Tackitt, Ora	do 40 00	
9044	May 30	A. S. Nelson & Sons	Eggs	\$ ,
9045	do	A. C. McClurg & Co	Printing	49
9046	do	Renington Typewriter Co	Platen	٤
9047	do	Ernst Hertzberg & Sons	Binding	54
9048	June 2	Edwin L. Hasker	Traveling expenses	(
9049	do	Fred J. Blackburn	ao	25
9050	do	E. A. Holbrook G. W. Sheldon & Co.	do	2
9051	do	G. W. Sheldon & Co	Furniture and fixtures	25
9052	do	C. W. Balke	Traveling expenses	9
9053	do	W. W. Walls & Co	General supplies	.3
9054	do	Henry B. Ward	Traveling expenses	17
9055	do	W. W. Walls & Co. Henry B. Ward. Weston Electric Instrument Co.	Apparatus repairs	1
9056	do	Weston Electric Instrument Co	Traveling expenses	19
9057	do	Tranz A. Aust	The debt and over	36
9058	do	Tice & Lynch	r reight and express	20
9059	do	Ernst Hertzberg & Sons	Bindings	30
$9060 \\ 9061$	do	O. E. Staples, Bursar	Company Labor	78
9061	do	R. R. Root Franz A. Aust Tice & Lynch Ernst Hertzberg & Sons. O. E. Staples, Bursar O. E. Staples, Bursar G. W. Sheldon & Co. Lawrence M. Larson. A. R. Crathorne.	Cremeral labor	130
9063	June 3	G. W. Sheldon & Co	Freight and express	20
9064	do	A D Creeth cars	Traveling expenses	1,
9065		D. W. Dielegraph		17
9066		R. W. Dickerson	do	44
9067		Geo. W. Mediey	do	32
9068		H. Fanrikopi	do	(
0000		A. F. Gustaison	0	20
9069	ao	G. A. Garrison	General labor	232
$9070 \\ 9071$	June 4	T. V. Newsome	Traveling expenses	26
0070		r. w. wascher	do	9 39
9072	ao	J. E. w nitenuren	do	38
9073	oo	U. C. Logan		20
9074 9075		Harry C. Gilkerson	Traveling and neid expenses	29
0076		George w. Matneny	Field expenses	84
9076 9077	do	Lawrence M. Larson. A. R. Crathorne. R. W. Dickerson. Geo. W. Medley H. Fahrnkopf. A. F. Gustafson. G. A. Garrison. T. V. Newsome. F. W. Wascher J. E. Whitchurch. C. C. Logan. Harry C. Gilkerson. George W. Matheny H. C. Lawson. National Blank Book Co. Keuffel & Esser Co. A. C. McGlurg & Co. Universal Sales Co. Puritan Mailing Machine Co. J. W. Butler Paper Co.	Traveling expenses	26 13
9078	do	National Diank Dook Co	Office suppries	. 4
9079	do	A C McClure & Co	do	
9080	do	Universal Salas Co	do	ì
9081	do	Puritan Mailing Machina Co	do	)
9082	do	T W Rutler Pener Co	do	į
9083	do	J. W. Butler Paper Co	Livestock	è
9084	do	Ira M Keller	Eggs	18
9085	do	Wm Aten Sr	Field expenses	43
9086	. do	G. H. Meyer	Traveling expenses	16
9087	do	E. E. Hoskins	Traveling and field expenses	20
9088	do	Albert Tate	Field expenses.	57
9089	do	Graham Paper Co	Office supplies	24
9090	do	Clare B. Hoffman. Ira M. Keller. Wm. Aten, Sr. G. H. Meyer. E. E. Hoskins. Albert Tate. Graham Paper Co. J. T. Newsome. Senford Mrg. Co.	Field expenses	67
	June 5	Sanford Mfg. Co	Office supplies	
9092	do	Sanford Mfg. Co. Students Publishing Assn. The Monmouth College Oracle	Advertising	2
9093	do	The Monmouth College Oracle	Incidentals	3
9094	do	Augustana Observer	Advertising	į
9095	do	W. G. Brombacher Eggleston's Music House	do	8
9096	do	Eggleston's Music House	Rentals	2
9097	do	Degression's Music House. O. A. Lrutwiler. The Thompson & Norris Co. J. W. Buttler Paper Co. U. of I. Supply Store. Standard Oil Co. Hunter Allen Co. Mandel Bros. Whitelaw Pros	Traveling expenses	13
9098	do	The Thompson & Norris Co	Office supplies	
9099	do	J. W. Butler Paper Co	do	,
9100	do	U. of I. Supply Store	do	14
9101	do	Standard Oil Co	Paratine Oil	
9102	do	Hunter Allen Co	Field expense	28
9103	do	Mandel Bros	Laboratory supplies	-8
				18
9105	do	William Bros	do	
9106	do	William Bros. American Institution of Mining Engineers	Books	46
91117	ו מח	Amarican (literacest Coffle Clith	llnoidontole	1 1/
9108	do	H. J. Bool Co	Insect cases	75
9109	do	Woldenberg & Schaar	Evaporator dishes	58
9110	do	H. H. Shufeldt & Co	Laboratory supplies	75 55 113 111
9111	do	H. J. Bool Co. Woldenberg & Schaar H. H. Shufeldt & Co. The William & Anderson Co.	General supplies	111
9112	do	Crane Co	Plumbing supplies	
9113	do	Crane Co	General supplies	12
9114		Omenan Temp On	T aboretony gunnling	5

No.	Date.	To whom.	For what.	Amoun
	_ 1914.			
9115	June 5	The New York Times Index. The Champaign News. William M. Wilson's Sons. Hibbard, Spencer, Bartlett & Co. Eimer & Amend. Work-Organizer Specialty Co. Ely Carriage Shop. The E. G. Hill Co. Stone Brothers. National Drain Tile Co. A. N. Marquis Co. J. W. Church Electric Appliance Co.	Copies Advertising General supplies. Furniture and fixtures. Laboratory supplies Desk file Machine repairs. General supplies Field expenses. Drains.	\$ 2 7
9116 9117	do	William M. Wilson's Sons	General supplies	$\frac{7}{6}$
9118	do	Hibbard, Spencer, Bartlett & Co	Furniture and fixtures	27
9119	do	Eimer & Amend	Laboratory supplies	321 1
9120 9121	do	Work-Organizer Specialty Co	Desk file	1 2
9122	do	The E. G. Hill Co	General supplies	$\frac{2}{21}$
9123	do	Stone Brothers	Field expenses	18
9124	do	National Drain Tile Co	Drains. Books. Feeding stuff. Laboratory apparatus. Compasses. General supplies. Mops. General supplies. Live stock. Feeding stuff. Furniture and fixtures. General labor. Field expenses.	87
9125 9126	do	A. N. Marquis Co	Books	178
9127	do	Electric Appliance Co Central Scientific Co James B. Clow & Sons Schermerhorn Bros Co	Laboratory apparatus	! 21
9128	do	Central Scientific Co	Compasses	1 4
9129	do	James B. Clow & Sons	General supplies	4
9130 9131	dodo	Schermerhorn Bros Co. Champaign Seed Co. Waukesha Co., Guernsey Breeders Assn. Eisner Grocery Co. G. W. Sheldon & Co. Stanton & Stanton. Bowers Drug Store. Egyptian Packing Co. Walter Byrne. E. G. Mendenhall Stephen Rogers. O. S. Fisher. Frank Morgan George W. Medley H. C. Wheeler. Wm. Schlotzhauer H. P. Rusk W. A. Ruth. Wilson Bros.	Mops	36 77
9132	do	Walkesha Co., Guernsey Breeders Assn	Tive stock	713
9133	do	Eisner Grocery Co	Feeding stuff	1
9134	do	G. W. Sheldon & Co	Furniture and fixtures	17 6
9135	do	Stanton & Stanton	General labor	6
9136 9137	do	Egyptien Poglzing Co	Field expenses	1 1
9138	do	Walter Byrne.	do. Live stock	85 22 129
9139	do	E. G. Mendenhall	Disc Harrow	22
9140	do	Stephen Rogers	Disc Harrow Field expense Traveling and field expenses Field expenses	129
9141 9142	do	O. S. Fisher	Traveling and field expenses	56 56
9142	do	George W Medley	do do	36
9144	do	H. C. Wheeler	Traveling expenses. Field expenses. Traveling expenses.	116
9145	do	Wm. Schlotzhauer	Field expenses	36
9146	do	H. P. Rusk	Traveling expenses	17 60
9147 9148	do	W. A. Ruth	rield expenses. Appartus repairs. General supplies.	107
9148	do	Wilson Bros Printograph Sales Co Weil Bros	A propertie rangire	107
9150	do	Weil Bros	General supplies	28
9151	do	Geo. Strods	do	24
)*11540	do do	Geo. Strods Eimer & Amend Jno. B. Bennett Durand Steel Locker Co.	Laboratory apparatus. Drain Furniture and fixtures.	75
) 1155 <i>t</i> ) 1156 <i>d</i>	oo	Durand Steel Looker Co	Furniture and fixtures	40 18
) 1156d ) 1157d	do	F. M. Leslie	do-	117
) 11584	do	Illinois State Reformatory	do	30
1159a	do	G. S. Moler	do	76
) 1160a ) 1161a	do	Library Bureau	do	30 27
9152	do	W. W. & E. D. Hanes	Laboratory supplies	2
9153 9154	do	General Electric Co.	Apparatus	38
9153 9154	do	R. C. Wagner & Son	General supplies	24 15
9155	do	Automatic Electric Co	B-ildian materials	15
9156	do	E W Sampson	Form machinary	3 69
9157 9158	do	Collins & Slimp	General supplies	1 40
9159	do	The Luminous Unit Co	Laboratory apparatus	40
9160	do	Montgomery-Ward & Co	do	22
9161 9162	do	Remington Typewriter Co	Office acquinment	52
9163	do	Durand Steel Locker Co. F. M. Leslie. Illinois State Reformatory. G. S. Moler. Library Bureau. A. A. Kiler. W. W. & E. D. Hanes. General Electric Co. R. C. Wagner & Son. Automatic Electric Co. Wadsworth-Howland Co. E. W. Sampson. Collins & Slimp. The Luminous Unit Co. Montgomery-Ward & Co. Pittsburg Electric Specialty Co. Remington Typewriter Co. Chicago Fire Proof Storage Warehouse. Stromberg, Allen & Co. A. N. Marquis & Co. H. D. Smith. C. A. Denman.	Storage	22 25 52 3
9164	do	Stromberg, Allen & Co	Printing and publishing	4
9165	do	A. N. Marquis & Co	Books	3 4 4 1 3 39 2
	do	H. D. Smith. C. A. Denman Irvin W. Maxwell. L. C. Smith & Bros. Typewriter Co. C. F. Witt, Estate. Bausch & Lomb Optical Co. Elmer Frazier. D. T. Dobbins. George Strode. C. W. Johnson. H. Mueller Mig. Co. Hoffman & Kropff Chemical Co. Standard Oil Co. Lansing Co.	General supplies	1/2
9167 9168	do	Irvin W. Maxwell	Feeding stuffs.	39
9169	do	L. C. Smith & Bros. Typewriter Co.	Office equipment	2
9170	do	C. F. Witt, Estate	Farm machinery repairs	5
9171	do	Bausch & Lomb Optical Co	Apparatus repairs	4
	June 5	Elmer reazier	reeqing stun	22
9173 9174	do	George Strode	Awnings	92
9175	do	C. W. Johnson	General supplies	5 4 22 2 92 92
9176	do	H. Mueller Mfg. Co	Laboratory supplies	1 24
9177	do	Hoffman & Kropff Chemical Co	do	24
9178 9179	do	Standard Oil Co	Laboratory apparatus	7 65
9179	ob	Ward's Natural Science Establishment	Museum specimens	65 74 2 5 16
9181	do	Standard Oil Co.  Lansing Co.  Ward's Natural Science Establishment.  Farrar & Quinlan.  Swift & Co.  International Press Clipping Bureau.  Whita Line Steem Laundry.	Cafeteria supplies	74
9182	do	Swift & Co	General supplies	2
9183 9184	do	International Press Clipping Bureau	Clipping	5
	1 45	White Line Steam Laundry	Laundry	1 16

<sup>\*</sup> Nos. 1154a to 1161a, inclusive, transferred from buildings, land and equipment.

No.	Date.	To whom.	For what.	Amoun
	1914.	-		
9185	June 5	The Engineering Magazine	Magazine	\$ 1
9186	do	L. S. Baldwin.	General supplies	3
9187	do	Carbondale Printing Co	Printing	18
9188	do	A. C. McClurg & Co	Books	42
9189	do	James M. White	Traveling expenses	7
9190	June 6	A. C. McClurg & Co	General supplies	16
$9191 \\ 9192$	do	Cameron, Amberg & Co	Printing	31
9192 9193		Chicago Towel Co	Tolon hone	56 42
9194	do	Mage Bros	Ganaral cumpliac	1
9195	do	Morrison Plummer & Co	Laboratory supplies	17
9196	do	Harry Cohn	Traveling expenses	6
9197	do	C. L. Frame Dental Supply Co.	Laboratory supplies	3
9198	do	Geo. Banta Publishing Co.	Printing	43
9199	do	L. C. Smith & Bros.	Rental	2
9200	do	Orr & Lockett Hardware Co	Building materials	6
9201	do	Marshall Field Co	General supplies	8
9202	do	City of Chicago Collector	Expert service	4
9203	do	Boland Machinery Co	Machine repairs	3
9204	do	Unicago Adressing Co	Printing	106
9205	do	The Book Snop Bindery	Office graphics	79
$\frac{9206}{9207}$	do	Hooth & Milligen Mfg Co	Laboratory supplies	$\frac{2}{3}$
9208	1do	Western Final Co	Coal	139
9209	do	The Engineering Magazine. L. S. Baldwin. Carbondale Printing Co. A. C. McClurg & Co. James M. White. A. C. McClurg & Co. Cameron, Amberg & Co. Cameron, Amberg & Co. Chicago Towel Co. Chicago Telephone Co. Maas Bros. Morrison, Plummer & Co. Harry Cohn. C. L. Frame Dental Supply Co. Geo. Banta Publishing Co. L. C. Smith & Bros. Orr & Lockett Hardware Co. Marshall Field Co. City of Chicago Collector Boland Machinery Co. Chicago Adressing Co. The Book Shop Bindery. Bradner, Smith & Co. Heath & Milligan Mfg. Co. Western Fuel Co. F. G. Hartwell Co. Borden's Condensed Milk Co. Borden's Condensed Milk Co. Borden's Condensed Milk Co. Borden's Condensed Milk Co. Borden's Condensed Milk Co.	_do	116
9210	do	Borden's Condensed Milk Co.	Laboratory supplies	4
9211	do	Goodhart's Laundry	Laundry	59
9212	do	Barron Bros. Coal Co.	General supplies	2
9213	do	Arthur Ochs	Laboratory supplies	10
9214	do	Wm. Powell	Field expenses	33
9215	do	Alfred Bergren	do	34
9216	do	Henry Pfau	do	21
9217	do	E. R. Green	do	23
9218	do	Chas. A. Campbell	Traveling expenses	46
9219		J. B. Marshall	Traveling expenses	108
$9220 \\ 9221$	do	S O Andros	do	17
9222		Thos I Dee & Co	Laboratory supplies	63
9223	do	Pay roll	June, 1914	8,377
0220	ao	Alexander, Lilla	Salary, June, 1914 \$ 65 00	0,011
	1	Alley, W. E.	do	N.
		Amos, Winifred L	do 75 00	)
	1	Atkinson, C. E	do 141 66	5
		Beyer, Melinda L	]do	2
		Blackwell, Mary	do	2]
		Boice, L. A.	125 00	<u> </u>
		Bowen, Evalena		()
		Brown Inc M	do 60 00	ίl
	Į.	Bryan Sarah E	do 9 70.00	á
		Buckles, Mildred	do	ól
	1	Buckler, Helen I.	do	ol
		Burt, Ruth	do	
		Cass, Elizabeth H	do	)
		Crawford, C. C.	do	9
	1	Cover, Hazel	do	3
		Cunningham, H. E.	166 66	<u> </u>
		Custer, Emma L	75 00	
		Darton, U. E.	1uo	3
		Durfoy Fronc A	70 U	il .
	1	Emigh Edith	do 70.00	ก์
		Feldkamp Amelia	-do50 00	ĭΙ
	1	Fraser, Viola	do	ól
		Fieg. Robert.	.  .do	ol
	1	Gage, Marjorie H	. do	)
		Gallaher, Marion B	. do 50 0	0  -
		Garwood, Frances	. do	0
		Goetz, Antoinette	. do	υ
		Good, Elizabeth	. go	Ν
	1	Bradner, Smith & Co. Heath & Milligan Mig. Co. Western Fuel Co. F. G. Hartwell Co. Borden's Condensed Milk Co. Goodhart's Laundry. Barron Bros. Coal Co. Arthur Ochs. Wm. Powell. Alfred Bergren Henry Pfau. E. R. Green. Chas. A. Campbell. J. B. Marshall. O. M. Allyn. S. O. Andros. Thos. J. Dee & Co. Pay roll. Alexander, Lilla. Alley, W. E. Amos, Winifred L. Atkinson, C. E. Beyer, Melinda L. Blackwell, Mary Boice, L. A. Bowen, Evalena. Broadhurst, Tabitha J. Brown, Ina M. Bryan, Sarah E. Buckles, Mildred Buckler, Helen I. Burt, Ruth. Cass, Elizabeth H. Crawford, C. C. Cover, Hazel. Cunningham, H. E. Custer, Emma L. Dalton, C. E. Dexter, Lydia A. Durfey, Franc A. Emigh, Edith Feldkamp, Amelia. Fraser, Viola. Frieg, Robert. Gage, Marjorie H. Gallaher, Marion B. Garwood, Frances. Good, Rarnees. Good, Frances. Good, Marjorie H. Gallaher, Marion B. Garwood, Frances. Good, Arnoneste. Good, Elizabeth Gordon, Marie A. Griffith, Mabel. Hamilton, Mrs. Alice V.	do	U
	l .	Griffith, Mabel	. do	U)
	1	Hayes, Margaret L	. do	U)
	1	Hamilton Mrs Alice V	. do	
	1	Ham N	do	
	1	Hay, N Heater, Myrtle E. Houchens, Josie B. Hull, A. H	do	ŏ
	1	Touch and Touch D	do	

No.	Date.	To whom.	For what.	Amoun
	1914.			
9223	June 6	Humrichouse, Katie L Johnson, Gertrude E	. Wages, June, 1914 \$ 50 00	9
Cld.	ŀ	Johnson, Gertrude E	do 60 00	9
		Kirwin, Nora Knorr, L. E Knapp, Aurella Lahr, Lawrence	do	
		Knann Aurella	.do	1
		Lahr, Lawrence	do 75 00	ól
		Lahr, Lawrence Lamb, Allie B Lee, A. R. Lettz, Louise A. Love, Mary E Luther, Cornelia M. McConn, C. M. McGehee, Hester E. McGurty, Agnes. McIntire W. A.	do	
		Lee, A. R.	do	3
		Leitz, Louise A	do 40 00	9
		Love, Mary E	do	
	1	Luther, Cornelia M	do	)
		McCohoo Tlooton E	do250 00	
		McGehee, Hester E McGurty, Agnes McIntire, W. A.  Manspeaker, L. Mae Meneley, Maude E Merchant, Donna Meseck, R Millar, Mary Miller, C. F Morey, Lloyd Morrow, J. A Nagle, Sybil Needham, Lucile. Nyberg, Florence A Packard, Bessie Peel, Thomas Phelps, Vergil V Post, Frederick Postlewiat, Harriet L Potter, Mabel Pulling, Elizabeth Putnam, Persis	do	
		McIntire W A	do	
		Manspeaker, L. Mae	do	
		Meneley, Maude E	do	ó
		Merchant, Donna.	do 50 00	)
		Meseck, R	do	)
		Millar, Mary	do	) .
		Miller, C. F	do	)
		Morey, Lloyd	do	אָן.
		Noglo Sybil	do	
		Needham Lucile	do	íl .
		Nyberg, Florence A	do	
		Packard, Bessie	do	
		Peel, Thomas.	do	)
		Phelps, Vergil V	dc	)
		Post, Frederick	do 75 00	)}
		Postlewiat, Harriet L.	do 55 0	2
		Potter, Mabel	do	)
		Pulling, Elizabeth	do	
		Putnam, Persis	do	
		Rielzett e Clara	do	
		Rigge Race	do	
		Fulling, Elizabeth Putnam, Persis Renz, Myrtle. Rickett,s Clara. Riggs, Bess Robertson, Nellie Rogers, Della M Scanlan, Mary Sharp, Bertha L Shaw, Hazel Y	do	
		Rogers, Della M	do	ól
		Scanlan, Mary	do 60 00	)
		Sharp, Bertha L	do 55 00	)
		Shaw, Hazel Y	do	0
		Shepard, Anna L	do 100 00	9[
		Shaw, Hazel Y Shepard, Anna L Slater, Sara M Smith, Florence E Smith, Florence E	do	2
		Smith, Florence E	do	
		Smith Mayma I.	do	<u>`</u>
		Staples, O. E.	do	ίl
		States, Bertha G.	do	íl –
- 1		Stevens, Sabra	do	)
1		Smith, Florence E. Smith, I. M. Smith, Mayme L. Staples, O. E. States, Bertha G. Stevens, Sabra. Steitz, Alfred. Stricklan, Freda O. Thompson, M. E.	do 85 00	0
1		Stricklan, Freda O	do	0
		Strickian, Freda O Thompson, M. E Tuttle, G. P Tyrrell, Josephine Vaubel, D Voight, Lida E White, Loretta Winchester, B. L Wyninger, H. T Becker, Georgia	do	
. 1		Tuttle, G. P.	do	∦.
1		Varibal D	do	
1		Voight Lide E	do 60 00	í i
l		White, Loretta	.do	śl.
l		Winchester, B. L.	do	)
- 1		Wyninger, H. T.	do	)
		Becker, Georgia. Brownfield, Lelah Buchan, Harold C. Ellis, E. R.	do	)
		Brownfield, Lelah	do	)
1		Buchan, Harold C	do	
- 1		Ellis, E. R.	do	
- 1		Tautery, Amanda	do	
- 1		Leonard Russell	do65 00	3
- 1		Buttain, Harold C Ellis, E. R Flattery, Amanda Jones, Mabel Leonard, Russell Lonius, J. O Paulus, William H Reid, Olive G Rein, Lillian E Ressler, Milton Vanderbeek, H. J Hart, Eliza. Hester, Marie Johnson, J. J McMullen, Jehnie B Pay roll Davis, Vera.	.do	
ı		Paulus, William H	do	
Į.		Reid, Olive G	do	ól
l		Rein, Lillian E.	do	)
- 1		Ressfer, Milton	do	
J		Vanderbeek, H. J.	do	)
Ì		Hart, Eliza	do	)
j		Hester, Marie	do	)
		Jonnson, J. J.	do	
1		McMullen, Jennie B	do	\$50
9224	do			

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amour
	1914.	·		
9225		O. E. Staples, Bursar	General labor	\$ 322
9226	do	O. E. Staples, Bursar.	Student labor	494
9227	June 8	Hibbard-Spencer-Bartlett	Office supplies	2
9228	do	Underwood Typewriter Co	do	3
9229	do	O. E. Staples, Bursar.  O. E. Staples, Bursar.  Hibbard-Spencer-Bartlett.  Underwood Typewriter Co.  Irving-Pitt Mfg. Co.  O. E. Staples, Bursar.  O. Byrne Transfer Co.  H. K. Mulford Co.  J. D. White.  D. H. Lloyde.  R. C. Wagner & Son  Florence Harrison  Pay roll	do	5
9230	do	O. E. Staples, Bursar	Student labor	135
9231	do	O.Byrne Transfer Co	Freight and express	1
9232	do	H. K. Mulford Co.	Laboratory supplies	10
9233	do	J. D. White	Postage	300
9234	do	D. H. Llovde.	Office supplies	86
9235	do	R. C. Wagner & Son	General fabor	1,040
9236	do	Florence Harrison	Traveling expenses	27
9237	June 9	Profence Harrison Pay roll Heninger, Fred Orrill, Thomas Tackitt, Ora. O. E. Staples, Bursar The Fitch Dustdown Co.	April, 1914	81
		Heninger, Fred	Wages, April, 1914 \$32 34	
		Orrill, Thomas	do	
	1	Tackitt, Ora	do	
9238	do	O. E. Staples, Bursar	General labor	54
9239	do	The Fitch Dustdown Co	Mops Printing Cafeteria supplies	24
9240	do	Osgood Co	Printing	13
9241	do	Dallenbach Bros.	Cafeteria supplies	130
9242	do	Geo. Strode	Furniture and fixtures	36
9243	do	Smith & Co	Cafeteria supplies	25
9244	do	Metzler & Schafer Co	do	108
9245	do	Osgood Co. Dallenbach Bros Geo. Strode Smith & Co. Metzler & Schafer Co. National Biscuit Co. Gaylord Bros	do	1
9246	1	Gay101 G D105	G CHCI at Supplies	î
9247	do	H. Swannell & Son	Office equipment	1 4
9248	do	The Schaeffer & Budenberg Mfg. Co	Apparatus repairs	8
9249	do	Howell's Microcosm	Museum specimens	40
9250	do	E. M. Sampson	Machine repairs	1 2
9251	do	The Leeds & Northrup Co	Laboratory supplies	90
0 9252	do	E. M. Sampson. The Leeds & Northrup Co. Weston Electric Ins. Co.	Machine repairs. Laboratory supplies. Laboratory apparatus. Furniture and fixtures.	13
O 9253	do	The C. J. Lundstrom Mfg. Co. Boorum & Pease Loose Leaf Book Co	Furniture and fixtures	23
O 9254	do	Boorum & Pease Loose Leaf Book Co	Office supplies	10
O 9255	do	Twin City Printing Co	Printing	19
O 9256	do	Barney Wolff	Laboratory supplies.	1 7
O 9257	do	Boorum & Pease Loose Leat Book Co. Twin City Printing Co. Barney Wolff. Georg Carpenter Co. Siegel, Cooper & Co. The Letter Shop. Illinois State Penitentiary. Chicago Engineer Supply Co. Green Engineering Co.	Printing Laboratory supplies. Machinery Laboratory supplies. Clerical assistance	3
O 9258	do	Siegel, Cooper & Co	Laboratory supplies.	1 8
O 9259	do	The Letter Shop	Clerical assistance	1 4
O 9260	do	Illinois State Penitentiary	Brooms	
O 9261	do	Chicago Engineer Supply Co	General supplies	3
O 9262	do	Green Engineering Co. Kieley Specialty Co. Consumers Co. John B. Bennett. Raliable Blumbing & Hooting Co.	General supplies Machinery repairs Plumbing supplies General supplies	4
O 9263	do	Kieley Specialty Co.	Plumbing supplies	g
O 9264	∴do	Consumers Co	General supplies	3
O 2965	do	John B. Bennett	do	27
O 9266	1 3 -	Reliable Plumbing & Heating Co	Plumbing	22
O 9267	do	H. J. Snider	. do	23
O 9268	do	H. C. Gilkerson	do	64
O 2969	do	J. S. Reimunch	Cafeteria supplies	69
O 9270	do	The University Press	Printing.	ii
O 9271	do	Gus Johnson	Laboratory supplies	1 8
O 9272	June 10	O. E. Staples, Bursar	Student labor	282
O 9273	do	O. E. Staples, Bursar	do	232
O 9274	do	O. E. Staples, Bursar	General labor	102
O 9275	do	Pay roll.	Feb. 1-July 1	1,400
	1	Heacock, E. M	.   Wages, February-June,	1
	1	H. J. Snider. H. J. Snider. H. C. Gilkerson. J. S. Reimunch. The University Press. Gus Johnson. O. E. Staples, Bursar. O. E. Staples, Bursar. D. E. Staples, Bursar. Heacock, E. M. Leckleider, A. F. J.	1914 50 00	)
	1	Leckleider, A. F. J. Howard, W. S. King, Ralph Olson, C. W. Cotton, S. O. Carothers, H. C. Norwood, L. H. Bonney, T. C. Coltman, H. D. Conley, C. C. Appelle, C. G. Richardson, F. R. Adler, Clay.	. do 104 00	
	1	Howard, W. S	. do 110 50	
		King, Ralph	. do 72 00	
	1	Olson, C. W	. do 48 00	
	1	Cotton, S. O	. do	
	١	Carothers, H. C	. do	
	1	Norwood, L. H	. do	)
	1	Bonney, T. C.	. do	)
	1	Coltman, H. D.	do	)[
	1	Conley, C. C.	. do 50 00	
	1	Appelle, C. G.	. do 50 00	
	1	Richardson, F. R.	do 75 00	
	1 .	Adler, Clay	do	
	1	Groot, John T.	do	
	1	Brachvogel, Max	do	
	1	McClanahan, B. V	do	
	1	Richardson, F. R. Adler, Clay. Groot, John T. Brachvogel, Max. McClanahan, B. V. Nadeau, E. G. Seilin, Joseph. Tarkowsky, L. A. Ochs, Arthur. Lorch, G. J. Eck, C. P. Simmonds, W. E.	do	
	l	Seilin, Joseph	do	
	1	Tarkowsky, L. A	do	
	1	Ochs, Arthur	do	
	1	Lorch, G. J.	do	
	1	Eck. C. P	do	
	1	12,	do	

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS-Continued.

No.	Date.	To whom.	For what.	Amount
ю.	1914,			
0, 9275		Hakansson, E. G.		
Cld.		Fox, R. E. Blaine, L. L. T. O. Francis. J. D. McHose. Demonstrators' Assn. of Illinois. E. S. Moore. C. S. Boon.	do 33 33	
		Blaine, L. L	do	
O 9276	June 11	T. O. Francis	Traveling expenses	\$ 6 5 558 0
0 9277	do	J. D. McHose. Demonstrators' Assn. of Illinois E. S. Moore. C. S. Bacon. Heath & Milligan Mig. Co. Gordon C. Adams. Kasen's Express & Van Co. Laurel E. Yeamans. Nick Starck & Sons. Fuller & Fuller Co. Mallory & Mitchell Illinois State Reformatory. C. S. Case Co. Western Lumber Co. Cameron, Amberg & Co. Chicago Daily News Co. Morrisson, Plummer & Co. V. Mueller & Co. A. C. McClurg & Co. George W. Beardsley. E. Van Alstine The Letter Shop C. E. Durst. General Chemical Co Baker & Co. Oxweld Acetylene Co. Henry Holt & Co. J. G. Mosier S. V. Holt. F. W. Garrett. C. F. Goodman. Logan A. Snyder. M. R. Carlson. H. C. Wheeler. C. C. Logan. E. E. Hoskins. H. J. Snider F. W. Wascher R. W. Dickenson. Coon Bros. Conner & Quayle. R. R. Root. James Boswell G. A. Garrison Universal Sales Co. Lane Cooper. International Press Clipping Bureau. Houghton Mifflin Co.	Contract	04.0
O 9278 O 9279	do	E S Moore	Charts	84 (
0 9280	do	C. S. Bacon	Laboratory apparatus	28 ( 82 4 13 2 3 ( 10 8 10 0
O 9281	do	Heath & Milligan Mfg. Co	Laboratory supplies	13 2
9282	do	Gordon C. Adams	do	3 (
O 9283 O 9284	ao	Laurel E. Voomons	Expert services	10 8
0 9285	do	Nick Starck & Sons	General labor	60 0
O 9286	do	Fuller & Fuller Co	Laboratory supplies	9 0 14 2 42 8 3 0
9287	do	Mallory & Mitchell	Advertising	14 2
O 9288 O 9289	do	C S Cose Co	Printing Laboratory supplies Ganaral supplies	42 8 3 0
9289	do	Western Lumber Co	Laboratory supplies. General supplies. Printing. Incidentals. Laboratory supplies. do. Office supplies. Traveling expenses. do. Clerical assistance. Traveling expenses	3 0 1 2 2 2 2 0 17 2 4 7 21 7
0 9291	do	Cameron, Amberg & Co.	Printing	2 2
9292	do	Chicago Daily News Co	Incidentals	$\bar{2} \ \bar{0}$
9293 9294	do	Morrisson, Plummer & Co	Laboratory supplies	17 2
O 9294   O 9295	do	V. Mueller & Co	Office graphics	4 7
O 9295   O 9296	June 12	George W. Beardsley	Traveling expenses	14 2
9297	do	E. Van Alstine.	do.	14 7
9298	do	The Letter Shop	Clerical assistance	$\begin{array}{c} 14 \ 7 \\ 1 \ 0 \end{array}$
9299	do	C. E. Durst	Traveling expenses	12 4 57 1
O 9300 O 9301	do	General Chemical Co	Laboratory supplies	57 1 8 7
9301	do	Oxweld Acetylene Co	Traveling expenses. Laboratory supplies	$\begin{smallmatrix}8&7\\2&0\end{smallmatrix}$
9303	do	Henry Holt & Co.	Books	9 3
9304	do	Ginn & Co	do	10 5
9305	do	J. G. Mosier	Traveling expenses	16 6
9306	do	S. V. Holt.	Traveling and field expenses	73 6
9307   9308	do	C E Goodman	Traveling and neid expenses	31 5 79 4
9308 9309	do	Logan A. Snyder	Expert services.	15 0
9310	do	M. R. Carlson	Traveling and field expenses. Traveling expenses. Expert services Traveling expensesdodofield expenses. Traveling expensesdo.	13 0
9311	do	H. C. Wheeler	do	51 8
9312 9313	do	U. C. Logan	Field expenses	32 2 20 0
9314	do	H I Snider	Traveling expenses	13 1
9315	do	F. W. Wascher.	dodododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododododo	44 1
9316	do	R. W. Dickenson	do	34 8
9317	do	Coon Bros.	Freight and express	2 0 10 7
9318	do	Conner & Quayie	Traveling avnances	26 5
9319	do	Iames Boswell	Freight	26 5 1 9
9321	do	G. A. Garrison	General labor	305 0
9321	do	Universal Sales Co	Office supplies	1 55 22 75
9323	do	Lane Cooper	Books	22 72 5 0
9324   9325	do	Houghton Mifflin Co	Rooks	27 0
9326	do	Munhall Printing House	Printing	3 88 53 2
9327	do	Universal Sales Co. Lane Cooper International Press Clipping Bureau Houghton Miffin Co. Munhall Printing House. Morris & Co. Mfg. Equipment & Engineering Co. Hegenbart Co. D. J. Dobbins. Power	Feeding stuff	53 2
9328	do	Mfg. Equipment & Engineering Co	Apparatus repairs.	1 95
9329	do	Hegenbart Co	Caleteria supplies	5 00 3 3
9330	do	Power	Advertising	9 00
9332	do	Gus Johnson	Advertising Laboratory supplies General supplies Furniture and fixtures	1 00
9333	do	Ansco Co	General supplies	3 30
9334	do	Marshall, Field & Co	Furniture and fixtures	33 83
9335	do	Approximate Co	Office supplies.  Laboratory supplies.  Laboratory supplies.  Laboratory supplies.	3 65
9336 9337		Remington Typewriter Co	Office equipment	- 8 85 50 00
9338	do	Mollet & Mollet	Laboratory supplies"	1 2
9339	do	Felton, Sibley & Co		2 58
9340 9341	do	The Globe-Wernicke Co	Furniture and fixtures	7 00
9341   3942	do	I ne rourth Estate	Traveling expenses	100 0
3942 9343	do	I. O. Baker	.do	5 26 10 77 1 56
9344	do	Nat onal Engraving Co.	Printing and publishing	1 5
9345	do	G. Creamer Dry Plate Co	General supplies	9 11
9346	do	Hunter, Rourke & Co	Translater and incures  Books  Traveling expenses.  do  Printing and publishing.  General supplies.  do  Books	6 10
9347 9348	do	A. IN .Marquis & Co		4 75 29 08
9348	uo	Hegeinart Co.  D. J. Dobbins. Power. Gus Johnson. Anseo Co. Marshall, Field & Co. Burr-Vack Co. Armour & Co. Remington Typewriter Co. Mollet & Mollet. Felton, Sibley & Co. The Globe-Wernicke Co. The Fourth Estate. H. A. Hollister. I. O. Baker. Nat onal Engraving Co. G. Creamer Dry Plate Co. Hunter, Rourke & Co. A. N. Marquis & Co. G. W. Sheldon & Co. Peck & Hills Furniture Co. Bausch & Lomb Optical Co.	Freight and expenses Furniture and fixtures	62 60
			Laboratory supplies	21 00

#### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amou
	1914.			
9351	June 12	Central Electric Co Chester Horse Shoeing Co	Laboratory supplies	\$ 55
9352	do	Chester Horse Shoeing Co	Field expense Laboratory supplies	17
9353	do	E. H. Sargent & Co	Laboratory supplies	18
9354	do	E. H. Sargent & Co. J. D. White. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Chas. A. Strelinger Co. O. S. Watkins. Twin City Ice & Cold Storage Co. G. C. Willis. D. H. Lloyde	Student labor	332 181
9355	do	O. E. Staples, Bursar	do	137
9356 9357	do	O E Staples Burgar	General labor	138
9358	do	Chas A Strelinger Co	Laboratory supplies	61
9359	do	O. S. Watkins	Traveling expenses	48
9360	do	Twin City Ice & Cold Storage Co	General supplies	83
9361	do	G. C. Willis	do	238
9362	do	G. C. Willis D. H. Lloyde Eisner Grocery Co. F. K. Robeson S. E. Huff & Co. W. W. Walls & Co.	Office equipment. General supplies do do	4
9363	do	Eisner Grocery Co	General supplies	4
9364	do	F. K. Robeson	do	187
9365	do	S. E. Huff & Co	. do	13
9366	do	W. W. Walls & Co	Building materials.	81
9367	do	C. A. Kiler	Building materials	93
9368	do	Underwood Typewriter Co	. Office equipment	3
9369	do	Standard Cap & Seal Co	General supplies	40
9370	do	Barnhart Bros	. do	5
9371	do	indian Kefining Co		45
9372	do	W. Lewis & Co	T above to we supply	2
9373	do	W. W. Walls & Co. C. A. Kiler Underwood Typewriter Co. Standard Cap & Seal Co. Barnhart Bros. Indian Refining Co. W. Lewis & Co. J. C. Thomas. Champaign Seed Co. Champaign Seed Co. Champaign Seed Co. The Creamery Package Co. Keuffel & Esser Co. Bacon Brothers.	Laboratory supplies	7
9374	do	Champaign Seed Co	Toundry	124
9375	do	Unampaign Steam Laundry	Machinery reneire	112
9376	do	The Creement Peelrage Co	Ganaral supplies	54
9377	do	Zouffol & Eggar Co	T aboratory apparetus	12 43
$\frac{9378}{9379}$	do	Recon Brothers	Building meterials	28
9380	do	II of I Supply Store	Building materials. Furniture and fixtures	9
9381	do	Keuffel & Esser Co Bacon Brothers U of I. Supply Store Western Electric Co John H. Doyle The Burr Co Taylor Hardware Co. Flanigan-Pearson Co. Osgood Co. F. M. Leslie Fuller & Fuller Co. Twin City Roofing Co. W. J. Fraser Chas A. Hall Hardware Co.	Office equipment.	235
9382	do	John H. Dovle	Laboratory apparatus.	8
9383	do	The Burr Co	Apparatus repairs	50
9384	do	Taylor Hardware Co	Apparatus repairs.  Laboratory apparatus	64
9385	do	Flanigan-Pearson Co.	Printing	59
9386	do	Osgood Co.	Printing and publishing	45
9387	do	F. M. Leslie	Furniture and fixtures	110
9388	do	Fuller & Fuller Co	Laboratory apparatus	. 18
9389	do	Twin City Roofing Co	General supplies	3
9390	do	W. J. Fraser	Traveling expenses	21
9391	do	Chas. A. Hall Hardware Co	Building repairs	2
9392	do	Knowlton & Bennett. B. E. Powell A. N. Marquis & Co. H. W. Smith	General supplies Traveling expenses.	1
9393	June 13	B. E. Powell	Traveling expenses	9
9394	do	A. N. Marquis & Co	Books General supplies do	4
9395	do	H. W. Smith	General supplies	25
9396	ao	N. 1. Pierce	.100	2
9397	do	Frank H. Vice & Co. American Berkshire Assn	do	46
9398	do	American Berkshire Assn. The Adder Machine Co. J. T. Ryerson & Son. John P. Troy. James G. Biddle.	Entry iees	2
9399	do	THE Adder Machine Co	L oborotory supplies	22 19
9400	do	Tohn D. Trox	Conoral gunnling	
9401	do	Tomas G. Riddla	Laboratory supplies	108
$\frac{9402}{9403}$	do	L. L. Olds Seed Co.	General cumpling	28
9404	do	Oldham Brothara	1 do	1
9404	do	Oldham Brothers Burroughs Adding Machine Co	Office supplies.	2
9406	do	Vaughn Seed Store.	General supplies	4
9407	do	Burroughs Adding Machine Co. Vaughn Seed Store. Aztec Tennis Club Geo. Murphy, Inc. G. Cramer Plate Co.	Machinery	400
9408	مات ا	Geo. Murphy, Inc.	General supplies	14
9409	do	G. Cramer Plate Co	do	22
9410	do	G. Cramer Plate Co. Twin City Creamery Co. B. F. Stevenson & Son Twin City Bindery & Book Co. Remington Typewr ter Co.	Cafeteria supplies	35
9411	do	B. F. Stevenson & Son	do	7
9412	do	Twin City Bindery & Book Co	Office supplies	2
9413	do	Remington Typewr ter Co	Office equipment. Laboratory supplies.	70
9414	do	Smith & Co	Laboratory supplies	1
9415	do	A. C. McClurg & Co.	Office supplies	3
9416	do	Muler-Bryant-Pierce Co	. ao	16
9417	do	The Tablet & Ticket Co	. do	1
9418	do	Reinington Typewi tei Co Smith & Co. A. C. McClurg & Co. Miller-Bryant-Pierce Co. The Tablet & Ticket Co. J. W. Butler Paper Co.		51
9419	do	Eastern Moline Plow Co Pittsburgh Electric Specialties Co	Machinery repairs	90
	June 15	Pittsburgh Electric Specialties Co	Apparatus repairs	2
9421	do	Eisner Grocery Co.	General supplies	47
9422	do	Putnam-Page Co.	Tabanatany ann and a	200
9423	do	James G. Biddie	Laboratory apparatus	61
9424	do	James G. Biddle. Lagonda Mfg. Co. Sweet, Wallace & Co.	Conorol supplies	83
9425	do	Coo Murphy Tre	A properties	14
9426	do	Indianandia Rhia Print Co	Conoral cumplies	$\begin{vmatrix} 1\\3 \end{vmatrix}$
9427	uo	Geo. Murphy, Inc- Indianapolis Blue Print Co. Chas. G. Willoughby A. H. Barber Creamery Supply Co.	Annaratus raneiro	2
9428				. 4

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	Blanks Mfg. & Supply Co. Boerner Fry Co. Warner-Jenkinson Co. Duparquet, Huot & Moneuse Co Leavitt Mfg. Co. The DeLevel Separator Co. S. A. Sandweger T. I. Killpatrick. Metzler & Schafer Co. Meyer & Wenthe. J. M. Russell White Line Laundry. T. P. Sifford. Monarch Electric & Wire Co. Knowlton & Bennett. Eimer & Amend Oldham Brothers. The Creamery Package Mfg. Co. John Wiley & Sons, Inc. Chester Horse Shoeing Shop. Central Electric Co. Julius Ausen J. C. Howser L. R. Lang. Harrison Fahrnkopf C. W. Crabtree A. L. Moats. F. H. Goodrich. Twin City Ice & Cold Storage Co. Chester Dairy Supply Co. W. Lewis & Co. B. E. Spaulding. S. E. Huff & Co. C. A. Kiler Chas. A. Hall Hardware Co. D. H. Lloyde. F. K. Robeson Taylor Hardware Co. Western Electric Co. E. H. Sargent & Co. R. C. Wagner & Son. Peck & Hills Furniture Co. Underwood Typewriter Co. Geuder, Paeschke & Frey Co. R. W. Walls & Co. R. C. Wagner & Son. Peck & Hills Furniture Co. Underwood Typewriter Co. Geuder, Paeschke & Frey Co. R. W. Dickenson. W. A. Ruth. A. J. Gunderson A. R. Warnock. Eastern Moline Plow Co. H. A. Hollister Pay roll. Hiskey, George M. (Student), Krudwig, Edna Tracy, Grover Burmeister, W. H. Dreyer, G. P. Eycleshymer, A. C: Fantus, Bernard Garnder, Stella. Gehrman, Adolph Hakenson, Eric Gosta. Haskell, J. E. Lincoln, Mary Miller, E. J. Rupert, R. R. Small, J. C. (Student) Welker, W. H. Bartlett, Dr. Frank Kaiser Siegbahn, Nils. Gaffney, C.J. C. Gaffney, C.J. C. Godidge, E. D.	For what.	Amour
	1914.			
9430	June 15	Blanks Mfg. & Supply Co	Laboratory apparatus	\$ 253 12
$9431 \\ 9432$	do	Boerner Fry Co.	General supplies	12
9432	do	Warner-Jenkinson Co	do	20 259
9433	do	Duparquet, Huot & Moneuse Co	Laboratory apparatus	259
9434	do	The Del avel Separator Co	Teheral supplies	1
9435 9436	do	S A Sandwagar	Ganaral supplies	420 7 6
9437	do	T I Killnetrick	Machinery renairs	6
9438	do	Metzler & Schafer Co	General supplies	2 2 4 82
9439	do	Meyer & Wenthe	Incidentals	2
9440	ldo	J. M. Russell	Field expense	4
9441	do	White Line Laundry	Laundry	82
9442	do	T. P. Sifford	Field expenses	15
9443	do	Monarch Electric & Wire Co	General supplies	722
9444	do	Knowlton & Bennett	do	5
9445	do	Eimer & Amend	Laboratory supplies	3
9446	do	Oldham Brothers	General supplies	5 722 5 3 1 6
9447	do	The Creamery Package Mfg. Co	do	6
9448	do	John Wiley & Sons, Inc	Books	4
9449	do	Chester Horse Shoeing Shop	Field expenses	12 51
9450	do	Central Electric Co	Laboratory supplies	51
9451	do	Julius Ausen	Traveling expenses	71
9452		J. O. HOWSER	do.	71
$9453 \\ 9454$		Harrison Fohrnkonf	Field avnances	16
9454	uo	C W Crahtree	do	13 62
$9455 \\ 9456$		A T. Moote	do	32
9457	do	F H Goodrich	do	33
9458	do	Twin City Ice & Cold Storage Co	General supplies	66
9459	do	Chester Dairy Supply Co	Apparatus rapairs	66 12
9460	do	W. Lewis & Co	Laboratory supplies	19
9461	do	B. E. Spaulding.	General supplies	12
9462	do	S. E. Huff & Co.	do	91
9463	do	C. A. Kiler	Furniture and fixtures	43
9464	do	Chas, A. Hall Hardware Co	General supplies	98
9465	do	D. H Lloyde	do	11
9466	do	F. K. Robeson	do	23
9467	do	Taylor Hardware Co	do	317 93
9468	do	Western Electric Co	Apparatus	317
9469	do	E. H. Sargent & Co	Laboratory supplies	93
9470	do	The Chester Transfer Co	Dray	52
9471	do	W. W. Walls & Co	General supplies	52 12 158
9472	June 16	R. C. Wagner & Son	General labor	158
9473	do	Peck & Hills Furniture Co	Partiture and fixtures	3
$9474 \\ 9475$		Courden Describes & Francisco	Conoral Cumpling	1 10
9476		D. W. Diekenson	Traveling expenses	32
9477	do	W A Puth	do	14
9478	do	A J. Gunderson	do	14
9479	do	A. R. Warnock	do	25
9480	do	Eastern Moline Plow Co	Machinery	35
9481	do	H. A. Hollister	Traveling expenses	14
9482	do	Pav roll	June, 1914	4,026
		Hiskey, George M. (Student)	Salary, June, 1914 \$ 45 00	, -,
	1	Krudwig, Edna	do	1
	1	Tracy, Grover	do 75 00	1
•	1	Burmeister, W. H	do	1
		Dreyer, G. P	ao 333 32	1
		Eycleshymer, A. C:	do	1
		Fantus, Bernard	166 66	1
		Cahrman Adalah		1
		Telegraph Frie Costs	140 66 66	1
	1	Harball I F	uo 30 00	
	1	Tong T S	1 do 00 00	
		ILincoln Mary	do #0.00	1
		Miller E G	do 100 00	
		Moore I. J	do 195 00	
	1	Runert, R. R.	do 166 66	1
	1	Small, J. C. (Student)	do50_00	1
		Welker, W. H.	do	
	1	Bartlett, Dr. Frank Kaiser	do	
	1	Siegbahn, Nils.	do	1
	1	Gaffney, Carl O	do	1
		Davis D. J.	do	1
	1	Falls, Frederick H	do	ı
	Į.	Bake, L. E	do	1
	1 .	Bernard, F. S.	do	
	1 1	Caplidas T. D.	1 40 93 33	I

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS-Continued.

No.	Date.	To whom.	For what.	Amoun
	1914.	Dittmar, Walter Gallie, D. M. Hisson, Arthur Lee, H. C. McGuire, J. C. McGuire, J. C. Moorehead, F. B. Moon, Dr. V. H. Noyes, F. B. Schultz, Louis Starr, S. P. Pay roll Langelier. W. F. Hieronymus, R. E. Whitchurch, J. E. C. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Do. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Burs		
9482	June 16	Dittmar, Walter	Salary, June, 1914 \$ 99 99	
Cld.	1	Gallie, D. M	do 83 33	
	į.	Hixson, Arthur	do 60 00	
		MaGuina T. C	105 00	
		Moorehead F B	do 188 86	
	l	Moon, Dr. V. H	do 50 00	
		Noves, F. B	do	
		Schultz, Louis	do	
		Starr, S. P	do 66 66	ļ
9483	do	Pay roll	June, 1914.	\$ 337
	1	Langeller W. F	Salary, June, 1914 62 50	}
	1	Hieronymus, R. E	do	
9484	do	C F Stanles Burger	Student labor	104
3.85	do	O E Stanles Burgar	do	104 160 71
9486	do	O. E. Staples, Bursar	General labor	71
9487	do	Pay roll.	June, 1914	1,140
		Arneson, Mabel	Salary, June, 1914 75 00	, ,
	1	B~owne, W. H	do	]
		Cole, H. W	do 100 00	
	Į.	Froberg, Eric	do	}
	1	H wasser, Anna Julia		
	1.	Southwell, James	115 00	l
	1	Allon Togonhino	125 00	
		Rolan Anna P	do 55 00	I
	}	Dovid Echoo	do 50 00	
	1	Loomis Matta	do 75 00	1
	1	Gubbins Mand	do 60 00	
		David, Paul	do	
9488	do	Pay roll	June, 1914.	\$50
<b>b</b>		Heerman, Louise B	Salary, June, 1914 50 00	
9489	do	Pay roll.	June, 1914	115
	1	Mullaney, Herbert	Wages, June, 1914 40 00	}
	1	Rehfeldt, Hubert F	do	
0.00		Schultz, Harry	]do35 00	
9490	do	Pay roll Mullaney, Herbert. Rehfeldt, Hubert F Schultz, Harry Pay roll Tomek, Gertrude. Solomon, Jacob. David, Simon. George, Elia. Kastanos, John. Watson, Ethel Eva. Drennan, Peter Schmidt, Josef Becker, Johann. Pay roll. Davis, Vera. Educator-Journal Co. G. W. Sheldon & Co. H. Mueller Mig. Co. Dallenbach Bros. Jones & Laughlin Steel Co. I J. Gumersheimer.	June, 1914	490
	1	Tomek, Gertrude	Wages, June, 1914 60 00	
		Dorrid Cimon	do	
	!	George Elie	do50 00	1
		Kastanos John	do	
	ı	Watson, Ethel Eva	1do	1
		Drennan, Peter	do	
	1	Schmidt, Josef	do	
	1	Becker, Johann	. do	1
9491	do	Pay roll	June, 1914	50
0.400		Davis, Vera	Salary, June, 1914 50 00	١ .
9492 9493	do	Educator-Journal Co	Advertising	6
9493		G. W. Sheldon & Co	Prilding manains	1 1
9595	do	Dollanhach Bros	Laboratory supplies	41
9496	do	Tones & Laughlin Steel Co	do	1 5
9497	- do	I I Gummersheimer	Expert services	24
9498 9499	do	J. M. Thompson & Co	Cafeteria supplies	50
9499	do	J. T. Webster & Co	do	50 16
9500	do	E. H. Sargent & Co	Laboratory apparatus	11
9500 9501	do	Walker Vehicle Co	General supplies	13
9502 9503	do	R. C. Wagner & Son	Generla labor	10
9503	do	W. R. Bradley & Co	Cafeteria supplies	72
9504	do	Eisner Grocery Co	-do	72
9505	do	Charles H. Besly & Co	Laboratory supplies	19
9506 9507	do	Wester Fleetric Instrument Co	Apparatus repairs	13
9504 9505 9506 9507 9508	40	1B F Parking & Sor	Laboratory apparetus	75
9508	do	James G. Riddle	Laboratory supplies	14
9510	do	Educator-Journal Co: G. W. Sheldon & Co. H. Mueller Míg. Co. Dallenbach Bros. Jones & Laughlin Steel Co. J. J. Gummersheimer. J. M. Thompson & Co. J. T. Webster & Co. E. H. Sargent & Co. Walker Vehicle Co. R. C. Wagner & Son. W. R. Bradley & Co. Eisner Grocery Co. Charles H. Besly & Co. The Schaeffer & Budenberg Míg. Co. Weston Electric Instrument Co. B. F. Perkins & Son. James G. Biddle Earthman Lumber Co. Laclede-Christy Clay Products Co.	Fencing	331
9510 9511	do	Laclede-Christy Clay Products Co	General supplies	14
9512	do	Eimer & Amend	Laboratory supplies	87
9513	do	J. W. Dunlap	Machine repairs	87
9514	do	Central Electric Co	Telephone supplies	14 87 87 20
9515	do	Metzler & Schafer Co	Laboratory supplies	112
9516	June 17	Ernst Hertzberg & Sons	Binding	383
9517	do	G. E. Stechert & Co	Books	1,003
9518	do	John Reichard	Feeding stuff	259
9519	do	Weston Electric Instrument Co.  B. F. Perkins & Son. James G. Biddle. Earthman Lumber Co. Laclede-Christy Clay Products Co. Eimer & Amend. J. W. Dunlap. Central Electric Co. Metzler & Schafer Co. Ernst Hertzberg & Sons. G. E. Stechert & Co. John Reichard Fred H. Rankin. Tice & Lynch. G. W. Sheldon & Co.	Traveling expenses	383 1,003 259 28
9520	do	Tice & Lynch	Freight and express	37
9521				

#### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS-Continued.

No.	Date.	To whom.	. For what.	Amou
	1914.			
9522	June 17	J. Fischer & Bro. N. J. Bartlett & Co. J. D. White McKendree College Press The Knox Student Eureka College Pegasus The Decaturian. R. W. Braithwaite S. G. Wilson Co. N. T. Peirce Dryer & Burf.	Books.,	\$ 27
9523	do	N. J. Bartlett & Co	Postage.	13 64
9524	do	Molecular Caller Bross	Postage	64
9525 9526	do	The Prove Student	Incidentals	$\frac{2}{2}$
9526 9527	do	Furelze College Pagesus	. d0 . d0 . Advertising Expert service Field expense . do Feeding stuff Machine repairs Laborbtary symplies	2
9527	do	The Deceturion	Advertising	1 1
9529	do	R. W. Braithwaite	Expert service	1 4
9530	do	S. C. Wilson Co.	Field expense	4 8 6 204 5 24 4 200
9531	do	N. T. Peirce	. do	6
9532	do	Dryer & Burt W. K. Mansfield Mallinekrodt Chemical Works C. C. Short.	Feeding stuff	204
9553	do	W. K. Mansfield	Machine repairs	5
9534	do	Mallinckrodt Chemical Works	Laboratory supplies Field expense Office equipment	24
9535	do	C. C. Short	Field expense	4
9536	do	Outram-Page Co Eugene Dietzgen Co Central Scientific Co The Bruce Publishing Co	. IOmce equipment	200
9537	do	Eugene Dietzgen Co	Furniture and fixtures	
$9538 \\ 9539$	do	The Proce Publishing Co	Pooler	1
9540	do	Poppetta Magazina Agazar	Magagines	
9540	do	The American Midland National	Rooks	1
9542	do	George Emery Littlefield	do	81
9543	do	Chewers Book Binding Co	Binding	٥
9544	do	The H. W. Wilson Co	Books	81 81 4
9545	do	The Bruce Publishing Co. Bennetts Magazine Agency. The American Midland National. George Emery Littlefield. Chewers Book Binding Co. The H. W. Wilson Co. Ritter & Flebbe. The Cutlook Co. A. C. McClurg & Co. Clark Eichilburger. R. W. Dickenson. F. W. Wascher J. E. Whitchurch L. R. Lang. Earl Garver. J. B. Andrews. Ansco Co.	Furniture and fixtures. Laboratory supplies Books. Magazines Books. do Binding. Books. do General supplies. Books. Traveling expenses. do field expense. Traveling expenses.	77 3 5 28 30 33
9546	do	The Cutlook Co	General supplies	3
9547	do	A. C. McClurg & Co	Books	5
9548	June 18	Clark Eichilburger	Traveling expenses	
9549	do	R. W. Dickenson	do	28
9550	do	F. W. Wascher	do	30
9551	do	J. E. Whitchurch	Field expense	33
9552	do	L. R. Lang	Travening expenses	į į
$9553 \\ 9554$	Tuno 10	T. D. Andrews	do	18
9555	30116 19	Ansco Co.	Canaral cumplies	26 12
9556	do	A marian Contractor Publishing Co	Incidentale	12
9557	do	A H Barbar Creamery Supply Co	General supplies Incidentals General supplies	0
9558	do	D. H. Burrell & Co	Laboratory apparatus	15
9559	do	The Bulletin of Pharmacy	General supplies Laboratory apparatus Advertising Laboratory supplies Freeding stuff Field expense Traveling expenses .do Apparatus repairs Incidentals General supplies Subscription Laboratory supplies Traveling expenses	7
9560	do	John C. Burmeister Printing Co	Laboratory supplies	51
9561	do	Chapin & Co	Feeding stuff	51 480
9562	do	Chester Horseshoeing Shop	Field expense	12
9563	do	W. C. Coffey	Traveling expenses	75 23
9564	do	J. L. Edmonds	do	23
9565	do	Chicago Flexible Shaft Co	Apparatus repairs	1 4
9566	do	The College Rambier	Incidentals	. 4
9567	do	The Engineering Magazine Co	Cubanintian	1
9568 9569	do	Fuller & Fuller Co	Laboratory supplies	10
9570	do	H A Harding	Traveling expenses	103 103
9571	do	Kaffer Bros	Farm machinery	31
9572	do	The Letter Shop	Farm machineryClerical assistance	31
9573	do	Henry F. Michell Co	General supplies	1
9574	do	C. A. Kiler	do	2
9575	do	H. Mueller Mfg. Co	do	33 108
9576	do	Pennsylvania Crusher Co	Laboratory apparatus	108
9577	do	General Electric Co	General suppliesdododododododo	4()
9578	do	I. J. LYTIE	. do Farm machinery repairs Atlas Office supplies . do Catalog cards Farm machinery Office supplies Traveling expenses . do	2
9579 9580	qo	Rang McNany & Co	Office supplies	4
9580	uo	Vanctula Co	do	4 5
9582	uo	A L. A Publishing Roard	Catalog cards	100
9583	do	Louden Machinery Co	Farm machinery	70
9584	do	Keuffel & Esser Co	Office supplies	13
9585	do	E. W. Sheets	Traveling expenses.	3
9586	do	E. A. Holbrook	do	9
9587	do	G. W. Sheldon & Co	Freight and express	3 9
9588	do	Standard Oil Co	General supplies	. 9
9589	do	T. W. Wood & Sons	do	14 300
9590	do	J. D. White	Postage	300
9491	do	The Wels Mig. Co	Omce supplies	3 8
9592	do	Earl Garver J. B. Andrews Ansco Co. A. Merican Contractor Publishing Co. A. H. Barber Creamery Supply Co. D. H. Burrell & Co. The Bulletin of Pharmacy John C. Burmeister Printing Co Chapin & Co. Chester Horseshoeing Shop W. C. Coffey. J. L. Edmonds Chicago Flexible Shaft Co. The College Rambler Eisner Grocery Co. The Engineering Magazine Co. Fuller & Fuller Co. H. A. Harding Kaffer Bros. The Letter Shop Henry F. Michell Co. C. A. Kiler H. Mueller Mfg. Co. Pennsylvania Crusher Co. General Electric Co. I. J. Lytle. Rand McNally & Co. Universal Sales Co. Neostyle Co. A. L. A. Publishing Board Louden Machinery Co. Kenffel & Esser Co. E. W. Sheets E. A. Holbrook G. W. Sheets E. A. Holbrook G. W. Sheets E. A. Holbrook G. W. Sheets E. A. Holbrook G. W. Sheets E. A. Whote J. D. White The Weis Mfg. Co. Wulliams Bros John Wiley & Sons Ward's Natural Science Establishment. Barnhart Bros Bacon Bros.	. do Freight and express General supplies . do Postage Office supplies Painting Books Museum specimens General supplies do	8
9593	do	Words Notural Saiones Establish	Museum specimens	3 63
9594 9595	uo	watu s natutai science Establishment Rarnhart Bros	Conerel supplies	13
9596	do	Barnhart Bros. Bacon Bros.	do	8
9596	do	Central Electric Co	Laboratory sumplies	56
9598	do	The Burr Co	Laboratory supplies	101
9599	do	Central Electric Co The Burr Co John H. Doyle Flanigan-Pearson Co	Building repairs	20 475
			Printing and publishing	

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amou
	1914.	:		
9601	June 19	Chas. A. Hall Hardware Co	Mop sticks, boltsGeneral supplies	\$ 6
9602	do	S. E. Huff & Co	General supplies	107
9603	do	Irving-Pitt Mfg. Co		8
9604	do	Louis Meland Co	Farm machinery Office supplies General supplies	] _1
9605	do	Miller Harness Co. J. W. Butler Paper Co.	Farm machinery	71
9606	do	J. W. Butler Paper Co	Office supplies	17
9607	do	Percival & Moorehead	General supplies	12
9608	do	F. K. Robeson.	do	20
9609	ao	F. K. Robeson.  Henry Rahn.  James G. Biddle. Reliable Plumbing & Heating Co. Geo. Strode. U. of I. Supply Store.  Western Electric Co. Ernst Hertzberg & Sons. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar D. H. Newhall. Hudson Book Co.	Building repairs	317
9610	1do	James G. Biddle.	Laboratory supplies	12
9611	1do	Reliable Plumbing & Heating Co	Plumbing	21
9612	do	Geo. Strode	General supplies	73
9613	do	U. of I. Supply Store	do	29
9614	do	Western Electric Co	Office equipment	30
9615	do	Ernst Hertzberg & Sons	Binding	32
9616	do	O. E. Staples, Bursar	Student labor	139
9617	do	O. E. Staples, Bursar	Clerical work	155
9618	do	O. E. Staples, Bursar	General labor	274
9619	do	D. H. Newhall	Books	8
9620	do	Hudson Book Co	\do	7
9621	do	Samuel N. Rhoads, Franklin Book Shop	do	13
9622	June 22	The Elliott Co	Office equipment	26
9623	do	Henry Holt & Co	Books	1
9624	do	Hudson Book Co. Samuel N. Rhoads, Franklin Book Shop The Elliott Co. Henry Holt & Co. M. E. Jahr F. A. Fisher	Traveling expenses	
9625	do	M. E. Jahr F. A. Fisher H. C. Wheeler S. V. Holt. G. E. Gentle A. F. Gustafson G. W. Sheldon & Co. Emerson-Brantingham Implement Co. Dallenbach Bros. The B. C. Ames Co. D. Van Nostrand Co. J. W. Dunlap Weil Brothers Twin City Printing Co. D. H. Lloyde Central Scientific Co. American Hereford Journal International Harvester Co. William Bros. E. H. Sargent & Co. Library Bureau F. C. Jorgeson & Co. Flanigan-Pearson Co. Western Electric Co. American-German Boller Comp. Co. C. R. Killin Ernst Leitz.	do	28
9626	do	H. C. Wheeler	do	46
9627	do	S. V. Holt	do	56
9628	do	G. E. Gentle	do	20
9629	do	A. F. Gustafson	do	19
9630	do	G. W. Sheldon & Co	Freight and express	10
9631	do	Emerson-Brantingham Implement Co	do	2
9632	do	Dallenbach Bros.	Laboratory supplies	1
9633	do	The B. C. Ames Co.	Apparatus repairs	8
9634	do	D. Van Nostrand Co	Books	∣ €
9635	do	J. W. Dunlan	General supplies	22
9636	do	Weil Brothers	Tools	22 23 36
9637	do	Twin City Printing Co.	Printing.	3€
9638	do	D. H. Lloyde	Laboratory apparatus	38
9639	do	Central Scientific Co	Laboratory supplies	9
9640	do	American Hereford Journal	Office supplies	1
9641	do	International Harvester Co	General supplies	j
9642	do	William Bros	Building repairs.	10
9643	do	E. H. Sargent & Co	Laboratory supplies	16
9644	do	Library Bureau	Laboratory apparatus	62
9645	do	F. C. Jorgeson & Co	Furniture and fixtures	661
9646	do	Flanigan-Pearson Co	Printing	165
9647	do	Western Electric Co	Office equipment	60
9648	do	American-German Boiler Comp. Co	General supplies	20
9649	do	C. B. Killin	do	7
9650	do	Ernst Leitz	do. Laboratory supplies	8
9651	do	American Electric Supply Co	Office equipment	88
9652	do	Hamblin Plumbing Co.	Apparatus repairs	14
9653	do	Marshall Field & Co	General supplies	1 2
9654	do	Bennett Magazine Agency	Books.	į
9655	do	James Boswell	Freight and express.	١
9656	do	Hamblin Plumbing Co.  Hamblin Plumbing Co.  Marshall Field & Co.  Bennett Magazine Agency.  James Boswell  G. A. Garrison.	Laboratory supplies Office equipment. Apparatus repairs. General supplies. Books Freight and express. General labor Laboratory apparatus. Traveling expenses. Expert services. Advertising	157
9657		Franz A. Aust	Laboratory apparatus	20
9658	do	A. K. Chittenden R. W. Braithwaite High School Life	Traveling expenses	Ì
9659	do	R. W. Braithwaite.	Expert services	78
9660	do	High School Life	Advertising	] ``````
9661	do	Stanton & Stanton	General labor	1
9662	do	Driver-Harris Wire Co	Laboratory supplies	1
9663	do	Berlin Aniline Works	General supplies	2
9664	do	F. C. Jorgeson & Co.	Furniture and fixtures	125
9665	- do	H. W. Johns-Manville Co	-do	47
9666	do	Eimer & Amend	Laboratory supplies	9
9667	do	Bausch & Lomb Optical Co.	-do	12
9668	do	W. F. Roberts Co.	Laboratory apparatus	-î
9669	do	The Weis Mfg. Co.	Furniture and fixtures	
9670	do	University Press	Printing	}
9671	do	Work-Organizer Specialty Co	Office supplies	5
9672	ob	Brock Brothers	Furniture and fixtures	98
9673	do	B. A. Strauch	General supplies	"i
9674	do	Ino B Bennett	Building materials	1 2
9675	do	R. W. Braithwaite. High School Life Stanton & Stanton Driver-Harris Wire Co. Berlin Aniline Works F. C. Jorgeson & Co. H. W. Johns-Manville Co. Eimer & Amend Bausch & Lomb Optical Co. W. F. Roberts Co. The Weis Mig. Co. University Press. Work-Organizer Specialty Co. Brock Brothers B. A. Strauch. Jno B. Bennett. Cunningham Bros. Western Lumber Co. A. J. Bartels. Cameron, Amberg & Co. Barron Bros. Coal Co.	General cumplies	2
9676	do	Western Lumber Co	Ruilding materials	11
9677	do	A T Rortale	Laboratory cumplies	11
9678	do	Compron Ambara & Co	Office cumplies	27

### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS-Continued.

No.	Date.	To whom.	For what.	Amour
	1914.			
9680	June 22	Arthur Ochs Commonwealth-Edison Co Morrisson, Plummer & Co.	Laboratory supplies Electric service. Laboratory supplies General supplies. Office supplies Furniture and fixtures. Office supplies	\$ 24
9681 9682	do	Commonwealth-Edison Co	Electric service	139
9682 9683	do	Morrisson, Plummer & Co	Laboratory supplies	12
9683	do	Commonweath-Erison Co. Mans Bros. D. H. Lloyde. C. A. Kiler Louis Meland Co. S. E. Dillavou. Weston Electric Instrument Co. Geo. Strade.	General supplies	6
9684 9685	do	D. H. Lloyde	Office supplies	42
9686	do	Louis Moland Co	Furniture and fixtures	35
9687	do	S E Dillayou	Office supplies. Machinery repairs Laboratory apparatus. General supplies. Printing and publishing General supplies. General supplies. Printing	1
9688	do	Weston Electric Instrument Co	Laboratory apparatus	$\frac{1}{129}$
9689	do	Weston Electric Instrument Co. Geo. Strode. Flanigan-Pearson Co Twin City Roofing Co. Reliable Plumbing & Heating Co. Illinois State Reformatory. Knowlton & Bennett Barnhart Brothers. Percival & Moorehead. E. H. Sargant & Co.	General supplies	16 436 73
9690	do	Flanigan-Pearson Co	Printing and publishing	436
9691	do	Twin City Roofing Co	General supplies	73
9692	June 23	Reliable Plumbing & Heating Co	General supplies.	14
9693	do	Illinois State Reformatory	Printing	31
9694 9695	do	Knowlton & Bennett	General supplies	4
9695	do	Barnhart Brothers	Fencing	19
9696	do	Percival & Moorehead	General supplies	4
9697	do	E. H. Sargent & Co	Laboratory supplies	16
9698 9699	do	Taylor Hardware Co	General supplies	9
9700	do	Li will City ice & Cold Storage Co	uo	12
9700	do	Percival & Moorehead. E. H. Sargent & Co. Taylor Hardware Co. Twin City Ice & Cold Storage Co. Ideal Electric Co. G. W. Sheldon & Co. The Leeds & Northrup Co. E. S. Swigert. W. F. Hardy Ward's Natural Science Establishment. Illinois Glass Co.	Freight and owners	125
9701	do	The Leads & Northern Co	Laboratory apparetus	135 113
9703	June 24	E S Swigert	Piano tuning	113
9704	do	W. F. Hardy	Machine renairs	2
9705	do	Ward's Natural Science Establishment	Laboratory supplies	110
9706	do	Illinois Glass Co	General supplies General supplies Printing General supplies Fencing General supplies Laboratory supplies General supplies do .do .freight and express Laboratory apparatus Piano tuning Machine repairs Laboratory supplies .do .General supplies .do .General supplies Laboratory sipplies .do .General supplies Farm machinery Laboratory apparatus Machine repairs Office supplies .do .	21
9707	1 4.	my . D . II & C	General supplies	11
9708	do	The Kussell & Co. Carlson & Anderson Huff Electrostatic Seperator Co. International Harvester Co. Simplex Time Recorder Co. Bausch & Lomb Optical Co. F. C. Jorgeson & Co. National Engraving Co. Friend Mfg. Co. Osgrod Co.	Farm machinery	132
9709	do	Huff Electrostatic Seperator Co	Laboratory apparatus	1,200
9710	do	International Harvester Co	Machine repairs	2
9711	do	Simplex Time Recorder Co	Office supplies	4
9712	do	Bausch & Lomb Optical Co	do. Furniture and fixtures	2
9713 9714	do	F. C. Jorgeson & Co	Furniture and fixtures	162
9714	do	National Engraving Co	Zinc etchings	2
9715	do	Friend Mig. Co	Machinery repairs	3 10
9716	do	Osgood Co	Printing and publishing	10
9717 9718	do	Friend Mig. Co. Osgood Co. B. F. Stevenson & Son. Walker & Mulliken. Geo. B. Carpenter Co. Southern Illinois Penitentiary. Silver Burdett & Co. Central Electric Co. C. H. Brownell. O. M. Allyn.	Machinery repairs. Printing and publishing. Laboratory supplies. General supplies.	2
9719	do	Can B Comporter Co	General supplies	1 20
9720	do	Southern Illinois Penitentiers	Tanitar's sumplies	6
9721	do	Silver Burdett & Co	Ganaral supplies	18
$9721 \\ 9722$	do	Central Electric Co	General supplies  do Janitor's supplies General supplies Laboratory supplies General supplies Traveling expenses do	2
9723	do	C. H. Brownell	General supplies	18 2 265
9724	do	O. M. Allyn L. A. Hunter Chas. A. Campbell J. G. Mosier	Traveling expenses	23
$9725 \\ 9726$	do	L. A. Hunter	Traveling and field expenses	62 10
9726	do	Chas. A. Campbell	Traveling and field expenses	62
9727	do	J. G. Mosier	Traveling expenses	10
9728 9729	do	C. C. Logan	ao	27
9729	do	Harrison Fahnrkopf	Traveling and field expenses	17
9730	do	Twin City Printing Co	Office supplies	1
9731	ao	Bacon Bros	Laboratory supplies	6 3
$9732 \\ 9733$		D A Ctimes	Puilding motorial	9
9734	do	Twin City Too & Cold Storage Co	Canaral supplies	24
9735	do	E H Sargent & Co	Laboratory apparatus	101
9736	do	Ulric Johnson	do Traveling and field expenses Office supplies Laboratory supplies General supplies Building material General supplies Laboratory apparatus Field expenses do	60
9736 9737	do	A. L. Moats	do	60 15
9738	do	P. D. Long	. do	35
9739	do	T. V. Newsome	Farm buildings	26
9740 9741	do	Chris C. Jonson	Traveling expenses	3
9741	do	F. M. Simpson	do	11
9742	do	E. E. Hoskins	do	10
9743	do	H. J. Snider	do	11
9744 9745	do	Harry C. Gilkerson	Traveling and field expenses Traveling expenses	47 10
9740	do	E. van Alstine	Traveling expenses	10
9746	op	L. R. Lang	Tropy oling and feld and	18 80
9747	uo	W. T. Cormichael	Traveling and field expenses	. 80 21
9748 9749	uo	G R Pica	do	20
9750	uo	Ino B Rennett	Supplies	11
9751	do	Anseo Co	Traveling expensesdo. Traveling and field expenses Traveling expensesdo Supplies General suppliesdododo	17
9759	do	Barnhart Brothers	do	2
9752 9753	do	Twin City Roofing Co	_do	5
9754	do	S. E. Dillavon	do. Farm machinery and repairs General supplies	5 130
9755	- do	John H. Doyle	General supplies	33
9756	do	Harrison Fahnrkopf. Twin City Printing Co. Bacon Bros. Oldham Bros. R. A. Stipes. Twin City Ice & Cold Storage Co. E. H. Sargent & Co. Ulrie Johnson. A. L. Moats. P. D. Long. T. V. Newsome. Chris C. Jonson F. M. Simpson E. E. Hoskins. H. J. Snider. Harry C. Gilkerson. E. Van Alstine L. R. Lang J. T. Newsome W. J. Carmichael G. B. Rice. Jno. B. Bennett Ansco Co. Barnhart Brothers Twin City Roofing Co. S. E. Dillavou. John H. Doyle Stipes & Hecker Flanigan-Pearson. F. K. Robeson	do	16
9757	do	Flanigan-Pearson	do. Printing. General supplies.	53
		F. K. Robeson		122

#### OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS-Concluded.

No.	Date.	To whom.	For what.	Amount.
O 9761 O 9762 O 9763 O 9764 O 9765	June 25	Indian Refining Co. The Burr Co. The Western Electric Co. O. E. Staples, Bursar O. E. Staples, Bursar Walker & Mulliken E. M. Simpson C. A. Kiler C. C. Logan H. J. Snider. A. Floyd Heck	. do. Student labor General labor General suppliesdo Furniture and fixtures Traveling expenses Traveling and field expenses	377 45 202 37 202 38 1 00 1 00 45 00 27 90

#### BUILDINGS, LAND AND EQUIPMENT VOUCHERS.

=					
		1913.		l.	
C*	10	Aug. 4	Pay roll: Pay roll: James S. McCullough M. W. Busey. George Douglass. American Contractor Publishing Co.		¢ 195 0
č	2	do.	Pay roll		63 3
Ť.	$\bar{3}$	Ang. 5	James S. McCullough	Purchase of land	48 000 0
	4	do	M. W. Busey	do	160,000 0
	5	do	George Douglass	do	24,000 0
	6	do	American Contractor Publishing Co	Advertising	3 00
4	7	Sept. 4	Pay roll	(Student employees, temporary	
		-	•	employees and employees on	
				account of scientific and re-	
	_	l		search work)	330 8
ď.	8	Sept. 5	F. C. Stechert Co	Books	85 00
ç	9	do	A. C. McClurg & Co.	do	13 6
Ý.	10	do	Automatic Electric Co. Marshall Field & Co.	Desk phone	12 50
٠Ç	11	do	Marshall Field & Co	Linoleum	46 03
×	12		Golding Mfg. Co.	Card cutter	17 64
$\tilde{\chi}$	13 14	do	Library Bureau G. E. Stechert & Co	Office equipment	35 50
<b>ბბბბბბბბბბბბბბბბბბბბბბბ</b>	15	Sont 0	TI of I Cample Stone	DOOKS	298 89 25 00
č	16	bept. o	U. of I. Supply Store. Carson-Payson Co., Contractors. General Electric Co. Ideal Ventilator Co. American Clay Machinery Co.	Dlumbing	643 40
č	17	do	Canaral Floatric Co	Electrical materials	153 5
č	18	Sent 10	Ideal Ventilator Co	Vantilatore	17 50
ď	19	40.	American Clay Machinery Co	Laboratory appatatus	500 00
Č	20	do	Carson-Payson Co	Plumbing	228 4
Č	21	do	Leavitt Mig. Co.	Building materials	116 80
·C	22	Sept. 13	Henry N. Pell	Land	24,000 00
•C	23	do	Carson-Payson Co. Leavitt Mfg. Co. Henry N. Pell. H. S. Capron.	do	7,063 10
·C	24				10 90
-C	25	do	English Bros., Contractor. S. E. Huff & Co.		3,317 1
·C	26	Sept. 15	S. E. Huff & Co	Building materials	80 50
٠Ç	27	do Sept. 16	W. H. Pearce & Co., Contractor Federal Steel Fixture Co.	Heating	2,420 80
٠Ç	28	Sept. 16	Federal Steel Fixture Co	Fixtures	201 78
€:	29	do		Material for experiment station	000 0
C	20	Gam4 35	Chas. J. Welch	barn.	293 96
v	30	Sept. 17	Chas. J. Welch	Constructing concrete founda- tion for silo	62 00
$\mathbf{c}$	31	do	Eugene Dietzgen Co	Drawing tables.	43 20
č	32	do ,	Browno Moreo Co	Office equipment	94 00
č		Sept. 18	Browne-Morse Co Frank A. Hawley, Contractor Peck & Hills Furniture Co.	Concrete work	1, 200 00
č	34	40 10	Pack & Hills Furniture Co	Desk	35 00
ıČ	35	Sept. 12	O. E. Staples, Bursar	Pay roll paid in cash	25 00
Œ	36	l do	Peck & Hills Eurniture Co	Tahla "	14 00
<b>ბბბბბბბბბბბბ</b>	37	do	Frank A. Somers. E. H. Sargent & Co.	Concrete work	54 00
·C	38	do	E. H. Sargent & Co	Laboratory apparatus	150 00
·C	39	do	Peck & Hills Furniture Co	Typewriter deskOffice equipment	30 25
·C	40	do	Shaw-Walker Co	Office equipment	24 80
٠Ç			U. of I. Supply Store	Office equipmentPlumbing materials	270 23
٠Ç	42	do	The Bourne-Fuller Co	Plumbing materials	1,324 00
٠Ç		Sept. 19	Automatic Electric Co	do	27 50
Ķ	44	do	The Shead & Co; Iron Works	Bookstack material	1,558 20
•U	45	Sept. 22	Pay roll.	(Civil Service employees	150 00
~	46	Sont 64	Burt, Paul	Deals, September, 1913 \$150 00	32 00
9999999	40	Sept. 24	Peck & Hills Furniture Co The Leeds & Northrup Co	Laboratory apparatus	209 80
ž	48	do	Mittondorf & Kilor	Office agricument	47 2
č	49	Sept. 27	Mittendorf & Kiler Hunter, Rourke & Co	Ruilding margriale	75 8
č	50	do 21	Legvitt Mfg Co	do maiorais	11 22
č	51	do	Automatic Electric Co	Phone	12 50
Č	52	do	Leavitt Mfg. Co. Automatic Electric Co. Snead & Co., Iron Works	Metal bookstacks	896 00
7,					1

<sup>\*</sup> For C1 see operation, maintenance and equipment No. 98.

N	To.	Date.	To whom.	For what.	Amoun
		1913.			
;	53	Sept. 27	The Powers Regulator Co	Temperature regulator	\$ 1,294
***************************************	54	Sept. 30	Frank L. Patterson & Co	Machinary	727
;	55	do	Crane Co. Harris-Dillavou & Co. Kewaunee Mfg. Co. G. E. Stechert & Co.	Plumbing	340
	56	do	Harris-Dillavou & Co	Building materials	. 5
	57 58	do	Kewaunee Mig. Co	Adjustable swinging stools	56
	59	Oct 3	G. E. Stechert & Co. W. H. Pearce & Co. The Weis Mfg. Co. G. E. Stechert & Co. Joseph Baer & Co. Max Weg. Otto Lange. C. J. Welch. A. L. Huffman, Contractor. Walker & Mulliken. Peck & Hills Furniture Co. C. H. Brownell	Contracts	10,914
	60	do 3	The Weis Mfg Co	Office equipment	38
	61	do	G E Stechert & Co	Books	73
	62	do	Joseph Baer & Co	do	ĭ
	63	do	Max Weg	i - do	4
	64	do	Otto Lange	do	18
	65	do	C. J. Welch	Concrete work	168
	66	Oct. 6	A. L. Huffman, Contractor	Labor and field expenses	103
	67	do	Walker & Mulliken	Linoleum	42
	68	do	Peck & Hills Furniture Co	Chair	8
		do	C. H. Brownell	Building materials	200
	70	do	C. P. Burnett & Sons Co	New barn	273
	71	do	Rand, McNally & Co	Laboratory apparatus	85
	72	do	Walker & Mulliken	Office equipment	32
	73	do	Snaw-Walker Co	do	22
	74	do	D. Usborn, Contractor	Sneep sned	637
	75	do	Roometra S D	Wages September 1012 224 20	58
		1	Peck & Hills Furniture Co. C. H. Brownell. C. P. Burnett & Sons Co. Rand, McNally & Co. Walker & Mulliken. Shaw-Walker Co. D. Osborn, Contractor. Pay roll. Boomstra, S. P. Furukawa, S. P. Furukawa, S. P. Pay roll. Bevis, A. Jno. B. Bennett. Leavitt Mfg. Co. Taylor Hardware Co. Walker & Mulliken. S. E. Huff & Co.	do 94 95	1
	76	Oct. 6	Pay roll	(Employees under civil corvice)	42
		1 2 2 3	Bevis. A	Wages, Sentember 1013 \$49 00	44
	77	Oct. 8	Jno. B. Bennett	Brick nump pit	71
	78	do	Leavitt Mfg. Co.	Frame for pump pit	11
	79	do	Taylor Hardware Co	Building materials	1
	80	do	Walker & Mulliken	Hall tree	6
	81	do	S. E. Huff & Co	Building materials	13
	82	1do	W. M. Crilley Co., Contractors	Carpenter work	1,600
	83	Oct. 9	Alexander Lumber Co	Building materials	42
	84	do	Central Electric Co. The Burr Co. Central Electric Co.	Electrical materials	159
	85	Oct. 10	The Burr Co	Building materials	24
	86	do	Central Electric Co	Electrical materials	24
	87	do	Library Bureau	Office equipment	107
	88	do	Automatic Electric Co. S. E. Huff & Co.	Telephones	37
	89	ao	S. E. Hun & Co	Building materials	7
	90 91	do	Crane Co. Taylor Hardware Co.	Plumbing	48 16
	92	do			2
	93	do	Alexander Lumber Co. Flat Iron Store Co.	Lineleum	13
	94	do	Kewaunee Mfg. Co.	Laboratory apparatus	154
	95	do	English Brothers	Ruilding meterials	262
	96	do	James B. Clow & Sons	Plumbing	209
	97	do	Kirkham-Mattson Co	Table tops	47
	98	do	James B. Clow & Sons Kirkham-Mattson Co Western Electric Co	Electrical supplies.	52
	99	do	Weston Electric Instrument Co. Schellenger Fruit Sorting Machine Co W. W. Walls & Co	Laboratory apparatus	80
	100	do	Schellenger Fruit Sorting Machine Co	do	186
	101	do	W. W. Walls & Co	Building materials	19
	102	do	Hunter, Rourke & Co	do	3
	103	do	Hunter, Rourke & Co. The John M. Rogers Works. Federal Sign System.	Laboratory apparatus	128
	104	do	rederal Sign System	Electrical materials	29
	105	do	Ernst Leitz	Laboratory apparatus	367
	106	do	Ernst Leitz C. A. Denman The Bourne-Fuller Co. Ideal Ventilator Co.	Plumbing	118
	107 108	do	Ideal Vantilator Co	Ideal vantilator	1,013
	109	do	General Acoustic Co	Office equipment	60
	110	do	Fuller & Fuller Co	Laboratory apparatus	64
	111	do	Ideal Ventuator Co. General Acoustic Co. Fuller & Fuller Co. O. E. Staples, Bursar Federal Sign System A. C. McClurg & Co. G. E. Stechert & Co. Paul Gottschalk Librairie Armand Colin Dulau & Co. Joseph Baer & Co.	Students naid in cash	24
	112	Oct. 13	Federal Sign System	Electrical materials	12
	113	Oct. 14	A. C. McClurg & Co.	Books	40
	114	do	G. E. Stechert & Co	do	713
	115	do	Paul Gottschalk.	do	158
	116	do	Librairie Armand Colin	do	111
	117	do	Dulau & Co	do	26
	118	do	Joseph Baer & Co	do	5
	119	do	Wm. Thomson	do	20
	120	Oct. 16	G. W. Pickels	Pay roll	100
	121	do	David Lupton's Sons Co	Building materials	83
	122	do	Weston Electric Co	Electrical materials	1,800
	123	do	Peck & Hills Furniture Co	Furniture	4
	124	do	James B. Clow & Sons	Plumbing.	26 27
	125	ao	L. C. Smith & Bros. Typewriter Co	Unice equipment	100
	126		Dulau & Co. Joseph Baer & Co. Wm. Thomson G. W. Pickels. David Lupton's Sons Co. Weston Electric Co. Peck & Hills Furniture Co. James B. Clow & Sons. L. C. Smith & Bros. Typewriter Co. Mittendorf & Kiler. Pittsburgh Plate Glass Co. Herring-Hall-Marvin Sage Co.	Puilding materials	193
	$\frac{127}{128}$	Oct 77	Horring-Holl-Morvin Come Co	Sofo	75
		1000. 17	I TOTT THE TENTE WHITE VILLE ON THE CO	Date	1 10

. 1	vo.	Date.	To whom.	For what.	Amount
		1913.	Atlas School Supply Co. A. C. McClurg & Co. G. E. Stechert & Co. L. Wolff Mfg. Co. Alexander Lumber Co. Western Gas Fixture Co. General Electric Co. T. H. Flood & Co. Pay roll. Burt, Paul. Howard C. Augustus. Universal Floor Co. Mittendorf & Kiler. Walker & Mulliken. Jno. B. Bennett. G. E. Stechert & Co. S. S. White Dental Mfg. Co. Chicago Pump Co. Western Kieley Steam Specialty Co. Peoria Stone & Marble Works. W. M. Simpson Lumber Co. Peck & Hills Furniture Co. Crane Co. Alexander Lumber Co. The C., C., C. & St. L. Ry. Co. W. E. Braden Lumber Co. The C., C., C. & St. L. Ry. Co. W. E. Braden Lumber Co. Alexander Lumber Co. Alexander Lumber Co. Alexander Lumber Co. Alexander Lumber Co. Mills Furniture Co. Automatic Electric Co. Albert H. Hull. Harry D. Lytle. Laura L. Barbour. Chas. H. Lemon & Chas. W. Walcott. Minnie May Cribbet. James A. Hamlin. William Chester Maguire. Chas. H. Lemon & Chas. W. Walcott. Chas. H. Lemon & Chas. W. Walcott. Nora Chapin. Harry D. Lytle. George O. Shafer. P. J. Foley. Karl W. Hiersemann. Otto Harrassowitz. William Wesley & Son. Henry Stevens, Son & Stiles. Alphonse Picard & Fils. W. Heffser & Sons. Dultz & Co. Joseph Baer & Co. N. W. Damm & Son. The Globe-Wernicke Co. Walker & Mulliken. Mittendorf & Kiler. Illinois State Penitentiary. G. E. Stechert & Co. American Seating Co.	,	
2	129	Oct. 17	Atlas School Supply Co	Supplies	\$ 21 9
	130	Oct. 18	A. C. McClurg & Co	Books	4 9
۲	131	do	G. E. Stechert & Co.	do	151 8
₹	132	do	L. Wolff Mig. Co	Plumbing	48 3 14 1
۲	133		Western Coa Firture Co	Floatrical materials	245 6
ヾ	134 135 136	do	Gonorol Floatria Co	Laboratory apparatus	82 (
ξ.	136	do	T H Flood & Co	Books	12 (
ž	137	do	Pay roll	DOGRE	12 ( 150 (
	20.		Burt, Paul	Salary, October, 1913 \$150 00	100 (
2	138	Oct. 20	Howard C. Augustus	Purchase of land	20,000 ( 325 ( 37 8 105 8
С	139	do	Universal Floor Co	Labor and material	325 (
2	140	do	Mittendorf & Kiler	Furniture	37 8
2	141	do	Walker & Mulliken	Jdo	105 8
2	142	do	Jno. B. Bennett	Labor and material	921 (
ž	143	do	G. E. Stechert & Co.	Books	921 ( 16 2 6, 250 ( 148 (
ž	144		S. S. White Dental Mig. Co	Chairs, engines, etc	6,250 (
ະ	145 146	do	Western Violer Steam Specialty Co	Plumbing motorials	148 (
×	147	do	People Stone & Morble Works	Puilding materials	39 6 2,963 0
$\sigma$	148	do	W M. Simpson Lumber Co	Tamber	2,900 (
ή,	149	do	Peck & Hills Furniture Co	Chairs	74 7
ή.	150	do	Crane Co	Plumbing materials	470 (
5	151	do	Alexander Lumber Co	Lumber	8 8
į	$\frac{151}{152}$	Oct. 21	The C., C., C. & St. L. By. Co.	Freight	37 2
5	153	Oct. 22	W. E. Braden Lumber Co	Lumber	288
,	154	do	Art Metal Construction Co	Omnibuses	147 (
Ċ	155 156	do	Peck & Hills Furniture Co	Desk, files	44 (
2	156	do	Automatic Electric Co	Equipment	40 (
)	157 158	Oct. 23	Albert H. Hull	Purchase of land	10, 757 6 2, 715 2 1, 870 2 650 6
3	158	do	Harry D. Lytle	do	2,715 2
2	159	do	Laura L. Barbour	do	1,870 2
7	160	do	Chas. H. Lemon & Chas. W. Walcott	do	650 (
2	161	do	Minnie May Cribbet	[do	1,458 2 3,474
٠	162	do	James A. Hamlin	do	3,474
;	163	do	William Chester Maguire	do	851 7 800 0
٤	164	do	Chas. H. Lemon & Chas. W. Walcott	do	800 (
٤	165	do	Chas. H. Lemon & Chas. W. Walcott	do	3,000 (
۲	166		Nora Chapin	do	1,534 1,097
į	167		Harry D. Lytle		1,097
ヾ	$\frac{168}{169}$	do	D I Folor	Poyment on contract	9 651 6
ή.	170	Oct 24	Warl W Hiercamenn	Books and hinding	9,001
í	171	do Za	Otto Harrassowitz	Books and bridging	3,651 2,027 792
í	172	do	William Wesley & Son	do	6 9
,	172 173	do	Henry Stevens, Son & Stiles	do	6 3
,	174	do	Alphonse Picard & Fils	Book	
)	175	do	W. Heffer & Sons	do	2
,	176 177 178 179	do	Dultz & Co	Books	2 8
	177	do	Joseph Baer & Co	do	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ż	178	do	N. W. Damm & Son.	do	3
į	179	do	The Globe-Wernicke Co	Unifiles	32
í	180	oo	Walker & Mulliken	Chades	18 5
	181 182	ao	Walker & Mulliken Mittendorf & Kiler Illinois State Penitentiary. G. E. Stechert & Co Walker & Mulliken. Remington Typewriter Co The Clay Product Co American Seating Co. J. F. Auld. Peoria Stone & Marble Works Reliable Plumbing & Heating Co	Toble	25
	182	uu	G E Stochart & Co	Book	18 1
	184	uo	Walker & Mullikan	Chaire	36
	185	40	Ramington Typawriter Co	Typewriter	80
	186	do	The Clay Product Co	Conduit	60 696 2 696 2 605 2 394 8
ì	187	do.	American Seating Co	Chairs	1 . 605
	188	do	J. F. Auld	Labor and material	394
	189	do	Peoria Stone & Marble Works	Marble work	203 ( 48 5 71 15 (
	190	do	Reliable Plumbing & Heating Co	Flush valves	48
	191	do	Underwood Typewriter Co	Typewriter	71
	192	do	The Toledo Metal Furniture Co	Typewriter Cabinet	15
	193	do	Alexander Lumber Co	Lumber	23 9
	194	do	Peck & Hills Furniture Co	Desk	23 9 79
	195	Oct. 27	Peck & Hills Furniture Co	Chair	6 '
	196	do	Percival & Moorehead	Filing cabinet	7 5
;	197 198	do	S. E. Huff & Co.	Lumber	88 8
	198	do	W. M. Crilly Co	Payment on contract	1,761 (
	199	do	The Theodor Kundtz Co	Pedestals	132
?	200	do	Marshall Field & Co	Tables, desks	88 8 1,761 6 132 396
ż	201 202	do	American Seating Co.  J. F. Auld Peoria Stone & Marble Works.  Reliable Plumbing & Heating Co.  Underwood Typewriter Co. The Toledo Metal Furniture Co. Alexander Lumber Co. Peck & Hills Furniture Co. Peck & Hills Furniture Co. Peck & Hills Furniture Co. Percival & Moorehead S. E. Huff & Co. W. M. Crilly Co. The Theodor Kundtz Co. Marshall Field & Co. General Electric Co. Taylor Hardware Co. Federal Sign System Westinghouse Electric & Mfg. Co.	Laboratory apparatus	396 ( 4 8
	202	do	Taylor Hardware Co	Supplies	4 3
į	$\frac{203}{204}$	do	Federal Sign System	Fixtures	16 5 401 5
		1 40	Wastinghouse Electric & Mfg Co	Laboratory apparatus	1 401 2

No.	Date.	To whom.	For what.	Amoun
	1913.			
205	Oct. 27	Hospital Supply Co Jno. B. Bennett James B. Clow & Sons. The Burr Co. The Toledo Metal Furniture Co O. E. Staples, Bursar Champaign & Urbana Water Co. Charles Engelhard Powers Regulator Co. Library Bureau. Inland Supply Co. Myrta Clark E. P. Little, Trustee. Lerton D. Jones. Illinois Trust & Savings Bank Frank Henson. Freeman & Sweet Co.	Sterilizers. Labor and material. Plumbing materials. Foundry work. Typewriter cabinet. General labor Pipe. Galvanometer Regulators. Cabinet.	\$ 352
208	do	Jno. B. Bennett	Labor and material	16
207 208	do	James B. Clow & Sons	Plumbing materials	84
208	do	The Burr Co	Foundry Work	15
210	do	O E Stanles Burgar	General labor	15 ( 150 :
211	do	Champaign & Urbana Water Co	Pine.	25
212	do	Charles Engelhard	Galvanometer	25 62
213	do	Powers Regulator Co	Regulators	1 80
214 215	do	Library Bureau	Cabinet	21 305
215	do	Inland Supply Co	Cabinet Laboratory apparatus Purchase of land	305
216	do	Myrta Clark	Purchase of land	4,805
217	do	L. P. Little, ITUStee	. do	4, 805 2, 210 2, 595 1, 219
218 219	Oct. 28	Illinois Trust & Savings Ronk	Part nayment on land	1 210
220	Oct. 30	Frank Henson	Purchase of land	6,800
220 221	do	Freeman & Sweet Co	Electrical work, payment on	
	1		contract	1, 133 843
$\frac{222}{223}$	do	Theodor Kundtz. Peck & Hills Furniture Co	Chairs	´843
223	do	Peck & Hills Furniture Co	Chair	8
224 225	do	Portable Elevator Mfg. Co	Payment of contract	150
225	do	The Snaw-Walker Co	Cananata flaan	12
$\frac{226}{227}$		A C McClurg & Co	Rooks	14
221		G E Steehert & Co	do	16
$\frac{228}{229}$	de	The Snead & Co. Iron Works	Bookstacks	68 16 1,887 755
230	Nov. 1	Theodor Kundtz Peck & Hills Furniture Co Portable Elevator Mfg. Co The Shaw-Walker Co C. J. Welch A. C. McClurg & Co G. E. Stechert & Co The Snead & Co. Iron Works Dravo-Doyle Co Pay roll Hooker, Fred Booker, A. J. Sandwell, Martin. Gassett, LeRoy B Crawlord, R. W James, L. E Robertson, Maurice Glen Gundlock, Chas Andrew F. Fay John Harp. F. A. Hawley W. H. Pearce & Co. A. Francke The Snead & Co. Iron Works U. S. Cast Iron Pipe & Foundry Co Mittendorf & Kiler The Burr Co. Frank P. Lane Westinghouse Electric & Mfg. Co. Automatic Electric Co. McIntosh Stereopticon Co. E. H. Sargent & Co. H. P. Wilson James G. Biddle. Crane Co. McGraw-Hill Book Co.	Electric motor pump	755
231	Nov. 5	Pay roll.		428
	1	Hooker, Fred	Wages, October, 1913 \$52 20	
		Booker, A. J	do 91 60	
		Sandwell, Martin	do 97 20	
	1	Gassett, LeRoy B	do	
		Urawiord, R. W	00	
		Pohertson Maurice Clan	do 20 00	
	1	Gundlock Chas	do 6.00	
232	do	Andrew F. Fav	Payment on lot	2,020
232 233	do	John Harp	Grading	255
234 235	do	F. A. Hawley	Payment on contract	347 16, 095 243
235	do	W. H. Pearce & Co	do	16,095
236 237	do	A. Francke	Specimens	243
237	do	The Snead & Co. Iron Works	Bookstacks, etc	331 540 38 51
238 239	Nov. 7	Wittendarf & Wiler	Cohinete	20
240	do	The Rurr Co	Support for chafting	51
241	, I. do	Frank P Lane	Support for shafting Loom Laboratory apparatus Office equipment Laboratory apparatus do. Book Laboratory apparatus Pipe, gaskets Books do Bookstacks, shelves Files Typewriter, etc Books do	51 45 31 27 53 75 2 264
242	do	Westinghouse Electric & Mfg. Co	Laboratory apparatus	ŝĩ
243	do	Automatic Electric Co	Office equipment	27
244	do	McIntosh Stereopticon Co	Laboratory apparatus	53
245	do	E. H. Sargent & Co	do	75
246	do	H. P. Wilson.	Book	2
247	do	James G. Biddle	Laboratory apparatus	264
248	do	Wacher Hill Back Co	Pipe, gaskets	73
249 250	do	The H W Wilson Co	Books	21
251	do	The Sneed & Co. Iron Works	Rookstacks shalves	21 50
252	do	Yawman & Erba Mfg Co	Files	46
252 253	do	The U. of I. Supply Store	Typewriter, etc.	46 53 249
254	do	G. E. Stechert & Co	Books.	249
255	do	A. C. McClurg & Co.	do	71
256	do	Hunter, Rourke & Co	Lumber, etc	119
257	do	S. E. Huff & Co	Lumber	$\begin{bmatrix} 10 \end{bmatrix}$
258 259	Nov. 8	Smith-Totman, Peop	Payment on contract	119 10 1,000 1,381
259	do	A. W. Stoolman.	do	1,381
$\frac{260}{261}$	Nov. 10	First Trust and Savings Bank	Payment on land	2, 612 150
261	Nov. 13 Nov. 14	Barolina & Orr	Pro rete poyment	2, 287
263	do	Rurr Co	do	2, 207
264	do	Sheldon Brick Co.	_do	29
265	do	Alexander Lumber Co	_do	1, 937
266	do	Champaign & Urbana Water Co.	do	1, 12
267	do	Williams Brothers.	do	2,365
268	Nov. 15	English Brothers	Payment on contract	2,365
	do	The Burr Co	Spiral stairway	95
269	)  do	Carson-Payson Co	Payment on contract	1,500
269 270			Student labor	29
269 270 271	do	O. E. Staples, Dursar	T -1 t	1 040
269 270 271 272	do	Nollau & Wolff Mfg. Co.	Laboratory apparatus	1, 240
269 270 271 272 273 274	do do do	H. P. Wilson. James G. Biddle Crane Co. McGraw-Hill Book Co. MrcGraw-Hill Book Co. The H. W. Wilson Co. The Snead & Co. Iron Works. Yawman & Erbe Mfg. Co. The U. of I. Supply Store. G. E. Stechert & Co. A. C. McClurg & Co. Hunter, Rourke & Co. S. E. Huff & Co. Smith-Totman, Peop A. W. Stoolman. First Trust and Savings Bank Burt, Paul. Bereline & Orr Burr Co. Sheldon Brick Co. Alexander Lumber Co. Champaign & Urbana Water Co. Williams Brothers. English Brothers The Burr Co. Carson-Payson Co. O. E. Staples, Bursar Nollau & Wolff Mfg. Co. L. B. King. D. Osborn.	Laboratory apparatus	1, 240 1, 275 1,111

1	٧o٠	Date.	To whom.	For what.	Amount
		1913.	,		
С	275	Nov. 15	J. W. Swartz. English Brothers. M. J. Corboy Co. M. S. Parks. Citizens Building Assn of Urbana. Citizens Sate Bank. Peck & Hills Furniture Co. Federal Sign System Inner Braced Furniture Co. Stromberg Carlson Telephone Mig. Co. Alberene Stone Co. G. W. Prutsman & Co. Gallsher & Speck. The Burr Co. Pay roll	Payment on contract	\$ 562 7
ğ	276	Nov. 22	English Brothers	do	6,000 0
Ų.	277 278	do	M. J. Corboy Co	do	6,000 0 1,700 0 262 9
9999999999999	$\frac{278}{279}$	do	M. S. Parks		262 9
ř	219	Nov. 24	Citizens Building Assn of Orbana	Boymont on lot	575 7: 772 5
ă	280 281	Nov. 26	Peck & Hills Furniture Co	Table chairs	22 2 11 9
Š	282 283	do	Federal Sign System	Electric fixtures	11 9
Ö	283	do	Inner Braced Furniture Co	Furniture	51 8
2	284	do	Stromberg Carlson Telephone Mfg. Co	Telephone apparatus	51 8 434 9
2	285	do,.	Alberene Stone Co	Stone tops	233 2
۲,	286	do	G. W. Prutsman & Co	Payment on contract	4,080 0 1,090 2
₹,	287 288	Nov. 29	Who Darm Co	Labor, material	1,090 2
ί.	289	ID00 5	Powroll	(Fmployees under civil service)	115 0
,	200	Dec. 5	ray 1011	November 1913	1,117 3
			Carrick, Oland William	Wages, November, 1913 \$ 24 00	1,111
			Dunseth, C. A	1.d0	ł
		1	Gray, William J	do	
		1	Gundlock, Charles	do 15 67	
		1 .	Hickey, J. B	do	
			Higgins, Harry	do	
			The Burr Co. Pay roll  Carrick, Oland William Dunseth, C. A. Gray, William J. Gundlock, Charles Hickey, J. B. Higgins, Harry Heinz, L. T. Johnson, Guy Thomas. Kirby, Olyde Collins. Langhoff, William Long, R. Roy. Robbins, Gilbert. Simerl, M. A. Snyder, T. B. Speedie A. C. Stipes, George. VanGundy, Harvey. Wilson, Wesley. Wright, A mos Bevis, A. Downing, H. Paul Burt. S. E. Huff & Co. The Reliable Plumbing & Heating Co. J. W. Swartz. W. H. Pearce & Co. Wolverine Mig. Co Peck & Hills Furniture Co. Illinois State Pentitentiary. Urbana & Champaign Ry., Gas & Electric Co. W. Lewis & Co. Bryan-Marsh Electric Works.		1
		J	Wirby Clyde Collins	do 20 00	,
			Longhoff William	do 52 44	
			Long. B. Boy	do 45 50	
		1	Robbins, Gilbert	do 48 20	ĺ
			Simerl, M. A	do	l
			Snyder, T. B	do	i
			Speedie A. C	do	ļ
			Stipes, George	do	
			VanGundy, Harvey	do	
		1	Wilson, Wesley	do	
		1	Wright, Amos	127 50	ļ
		1	Downing H	107 50	1
,	290	do	Poul Burt	Salary December 1913	150.0
í	$\frac{290}{291}$	Dec. 9	S E Huff & Co	Lumber	150 0 16 7
,	292	do	The Reliable Plumbing & Heating Co.	Plumbing contract	400 6
2	293 294	do	J. W. Swartz	Payment on contract	117 3
	294	do	W. H. Pearce & Co	do	858 2 20 4 49 7
2	295	do,	Wolverine Mfg. Co	Tables	20 4
,	296	do	Peck & Hills Furniture Co	Book sections	49 7
ì	$\frac{297}{298}$	do	Illinois State Pentitentiary	Stools	12 0
	200	uo	trio Co	Cograna	75 0
!	299	do	W. Lawie & Co	Puge	63 5
	299 300	do	Bryan-Marsh Electric Works	Lamps	74 5
ļ	301	do	Spray Engineering Co	Piping	74 5 65 8
	302	do	Central Electric Co	Electric materials	2 5
	303 304	do,	Reliable Plumbing & Heating Co	Plumbing materials	$\begin{array}{c} 495 \\ 3217 \end{array}$
	304	do	H. W. Johns-Manville Co	Plumbing materials	321 7
	305	do	Bacon Bros.	Glass	1 8 982 0
	306 307	do	IN OHAU & WOHN MIG. CO	A sheetes board	982 (
	308	do	Field & Shorb	Plumbing metarials	181 5 49 9
	309	do	Urbana & Champaign Ry., Gas & Electric Co. W. Lewis & Co. Bryan-Marsh Electric Works. Spray Engineering Co. Central Electric Co. Reliable Plumbing & Heating Co. H. W. Johns-Manville Co. Bacon Bros. Nollau & Wolff Mfg. Co. H. W. Johns-Manville Co. Frield & Shorb. Crane Co. Taylor Hardware Co. The Burr Co. Taylor Hardware Co. Mittendorf & Kiler. John B. Bennett. Hunter, Rourke & Co. John B. Bennett. English Bros. Peck & Hills Furniture Co. Western Valve Co. Leavitt Mfg. Co. U. S. Cast Iron Pipe & Foundry Co. Chas. H. Lemon & Chas. W. Walcott. O. E. Staples, Bursar. Crane Co. U of I. Supply Store. Peck & Hills Furniture Co. Walker & Mulliken.	do do	135 3
	310	do	Taylor Hardware Co	Locks holts atc	8 3
	310 311	do	The Burr Co	Foundry work	44 1
	312	do	Federal Steel Fixture Co.	Steelshelving	44 1 377 9
	313	do	Alexander Lumber Co	Lumber, plaster board	103 7
	314	do	Mittendorf & Kiler	Rugs, etc	126 0
	315	do	John B. Bennett	Drains	178 4
	316	do	Hunter, Rourke & Co	Building materials	7 0
	317	do	John B. Bennett	Cement	94 5
	318 319	do	English Bros	Building contract	94 5 4,947 9 26 0
	919	0	The Char Weller C-	supplies	26 0
	$\frac{320}{321}$	uo	Western Velve Co	Omce equipment	65 6 36 1
	322	do	Leggitt Mfg Co	Railing	17 6
v	323	do	II. S Cast Iron Pina & Foundry Co	Pining	434 1
	324	do	Chas. H. Lemon & Chas W Walcott	Commission	681 7
	325	l. do.	Chas. H. Lemon & Chas. W. Walcott	-d0	397 0
	326	do	O. E. Staples, Bursar	Student labor	397 0 11 3
	327	Dec. 12	Crane Co.	Plumbing material	94 3
	328 329	do	U. of I. Supply Store	Office equipment	63 0 146 0 77 0
	329	do	Peck & Hills Furniture Co	Office supplies	146 0
	330				

No	<b>).</b>	Date.	To whom.	For what.	Amoun
		1913.	The Shaw-Walker Co. Browne-Morse Co. Sturtevant Mill Co. General Electric Co. The Inner Braced Furniture Co. The Burr Co. Freeman & Brooks. F. P. Smith Wire & Iron Works. D. Osborn. Peck & Hills Furniture Co. James B. Clow & Sons. The Burr Co. American Radiator Co. Mittendorf & Kiler. Peck & Hills Furniture Co. J. B. Bennett. American Blower Co. J. B. Bennett. American Blower Co. J. B. Bennett. American Blower Co. J. S. Reduction Co. Momaster-Carr Supply Co. James H. Rice Co. Freeman-Sweet Co. C., C., C. & St. L. R. R. Automatic Electric Co. Eugene Dietzgen Co. Peck & Hills Furniture Co. General Electric Co. H. Mueller Mig. Co. Freeman-Sweet Co. C. E. Staples, Bursar F. A. Hawley. The Swartz Electric Co. Morava Construction Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Marnagansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narragansett Machine Co. Mittendorf & Kiler. Durand Steel Locker Co. Narraganset Machine Co. Malexander Lumber Co. Nollau & Wolff Mig. Co.		
1 8	331	Dec. 12	The Shaw-Walker Co	Office equipment	\$ 43
	332	do	Browne-Morse Co	Machinery and apparatus	50
, ,	333 334	do	General Floatria Co	Machinery and apparatus	50 106
, ,	335	do	The Inner Braced Furniture Co	Apparatus Desk Building material Building contract	9
;	336	do	The Burr Co	Building material	10
; 8	337 338	do	Freeman & Brooks	Building contract	42 483 900
, ,	338	do	F. P. Smith Wire & Iron Works	do	483
, ,	339	do	D. Osborn	. do	900 38
, ;	340 341	do. 18	Tames B. Clow & Sons	Plumbing.	l 41
9	342	do	The Burr Co.	Piping Plumbing Furniture and fixtures	34 67 22
; 8	343	do	American Radiator Co	Plumbing	67_
3	344	do	Mittendorf & Kiler	Furniture and fixtures	22
	345	do	Peck & Hills Furniture Co	do Farm machinery	4 28
	346 347	do	Louden Machinery Co	Building contract	70
	348	do	A merican Blower Co	Building contract Ventilation apparatus Telephone apparatus	66
3	349	do	Automatic Electric Co	Telephone apparatus	12
; ;	350	do	Inner Braced Furniture Co	Furniture and fixtures	1 38
:	351	do	Twin City Roofing Co	Labor	41 94
	352	do	U. S. Reduction Co	Plumbing	94
	353 354	ao	McMaster-Carr Supply Co	Traveling expenses	27
	355	do	Freeman-Sweet Co	Building contract	19 534
į	356	do	C., C., C. & St. L. R. R	Plumbing	1
è	357	do	Automatic Electric Co	Office equipment. Laboratory apparatus. Furniture and fixtures.	1 27
5	358	do	Eugene Dietzgen Co	Laboratory apparatus	50
- 5	359	do	Peck & Hills Furniture Co	Furniture and fixtures	8 37 33
9	360	do	General Electric Co	Laboratory apparatus	37
•	361 362	do	H. Mueller Mig. Co	Building contract	150
3	363	do	Davis & Kreeger	Laboratory apparatus Building contract Freight and express Building contract	4 133
- 8	364	Dec. 17	O. E. Staples, Bursar	Freight and express	4, 133
:	365	Dec. 19	F. A. Hawley	Building contract	700 680
:	366	do	The Swartz Electric Co	do	680
- 5	367	do	Morava Construction Co	do	20,400 35
ì	368	do	Mittendorf & Kiler	do	35
	369 370		Norregeneett Mechine Co	do	28 350 59 148 2
3	370	do	McIntosh Stereonticon Co	Laboratory apparatus	59
ž	$\frac{371}{372}$	do	U. of I. Supply Store	Laboratory apparatusOffice equipment.	148
8	373	do	The Burr Co	Office education in the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state o	2
3	374 375	do	C. A. Denman	Painting	84 51
è	375	do	Peck & Hills Furniture Co	Furniture and fixtures	51
6	376 377	do	Mollion & Mullilian	Building materials	486 179 62
9	378	do	Tames P Marsh & Co	Plumbing	62
è	379	do	H. Mueller Mfg. Co	_do	66
3	380	Dec. 20	C. A. Denman	Plumbingdopainting Building materials Building contract Laboratory apparatusdo	66 116
. 8	381	do	Alexander Lumber Co	Building materials	1 83
3	382	do	Nollau & Wolff Mfg. Co	Building contract	81
	383 384	do	Scheidel-Western X-Ray Coil Co	Laboratory apparatus	1,663 950
9	385	do	Tames B. Clour & Sons	Pining	19
	386	do	Alexander Lumber Co.  Walker & Mulliken  James P. Marsh & Co  H. Mueller Mfg. Co  C. A. Denman  Alexander Lumber Co.  Nollau & Wolff Mfg. Co  Scheidel-Western X-Ray Coil Co.  Snook-Roentgen Mfg. Co.  James B. Clow & Sons  A. M. Byers Co.  Albert B. Gray, Special Collector  O. E. Staples, Bursar  The Carson-Payson Co.  Central Supply Co.  Peck & Hills Furniture Co.  Champaign County Abstract Co.  O. E. Staples, Bursar  Library Bureau  The Field & Shorb.  Peck & Hills Furniture Co.  Illinois State Pentitentiary  A. E. Keys.	. do	75
- 5	387	do	Albert B. Gray, Special Collector	Paving taxes	75 1,182
E	388 389	do	O. E. Staples, Bursar	Student labor	20
3	389	do	The Carson-Payson Co	Piping	38
	390	do	Central Supply Co	Valve	64 6
9	391 392	uo	Champaign County A betract Co	Abstracts	74
3	393	Dec. 26	O. E. Staples, Bursar	General labor	18
:	394	Dec. 30	Library Bureau	Desk and cabinets	74 18 621 177
:	395	do	The Field & Shorb	Plumbing	177
3	396	do	Peck & Hills Furniture Co	Stools	2
	397	do	Illinois State Pentitentiary	Table, chairs	2 - 21 - 76
è	398 399	ao	Fodoral Sign System Co	Stools	10
4	100	do	Economy Drawing Table Co	Filing case	56
4	401	do	D. M. Sims	Grading	346
4	402	do	A. E. Keys. Federal Sign System Co. Economy Drawing Table Co. D. M. Sims. Automatic Electric Co.	GradingTelephone apparatus	19 56 346 27
4	403	do	Crane Co	Plumbing materials	39
	404	do	Holder Hardware Co	Tile, cement	39
	405	do	Western Gas Fixture Co	Electric materials	40 70
4	406	do	Smith-Totman Co	Flumbing materials Tile, cement Electric materials Tunnel extension Freight	170
- 4	407 408	00	Automatic Electric Co. Crane Co. Holder Hardware Co. Western Gas Fixture Co. Smith-Totman Co. Wabash R. R. Co. S. E. Huff & Co. Mrs. Sarah McGlaughlin.	Lumber	170 16
	408	Dec. 21	Mrs. Sarah McGlaughlin	LumberMortgage	255
7					

N	Го.	Date.	To whom.	For what.	Amoun
		1913.			
	410	Dec. 31	The Burr Co. Reliable Plumbing & Heating. S. E. Huff & Co. Central Supply Co. General Electric Co.	Piping.	\$ 11
	411	do	Reliable Plumbing & Heating	Plumbing	14
	412	do	S. E. Huff & Co	Lumber	56
	413	do	Central Supply Co	Plumbing.	48
	414	do 1914.	General Electric Co	Electrical materials	35
	415	Jan. 5	Illinois Central R. R. Co	Freight	15
	416	Jan. 6	C. J. Welch	Concrete work	90
	417	do	S. E. Huff & Co	Lumber	8
	418	do	Reliable Plumbing & Heating Co	Plumbing	5
	419	do	Standard Sheet Metal Mig. Co	Lockers	50
	$\frac{420}{421}$	do	Automatic File & Index Co	Office equipment	21
	422	uo	Alexander Lumber Co	Lumber	60
	423	do	O E Stanles Rurser	Bills naid Jahor	15 19
	424	do	L. B. King	Contract	1,379
	425	do	Reliable Plumbing & Heating Co	Plumbing	429
	426	do	Pay roll.	December, 1913	1, 107
	1		Boyce, W. A.	Wages, Décember, 1913. \$ 16 66	-,
			Clancy, Frank	do 109 98	
			Craig, J. D	do	
			Crawford, R. W	do52 60	
			Illinois Central R. R. Co. C. J. Welch. C. J. Welch. S. E. Huff & Co. Reliable Plumbing & Heating Co. Standard Sheet Metal Mfg; Co. Automatic File & Index Co. The Hall Safe Co. Alexander Lumber Co. O. E. Staples, Bursar L. B. King. Reliable Plumbing & Heating Co. Pay roll. Boyce, W. A. Clancy, Frank. Craig, J. D. Crawford, R. W. Davis, C. M. Doll, John Barclay Fiscus, J. G. Heinz, L. T. Hickey, J. B. Higgins, Harry Hooker, Fred Long, R. Ray Miller, J. H. Porter, S. A. Simerl, M. A. Wright, Amos Bevis, A. Brannigan, John Taylor Hardware Co. H. W. Johns-Manville Co. Hunter, Rourke & Co. F. A. Hawley.	1do	
			Figure I C	do 93 60	
			Heinz T. T	do 85 00	
			Hickey, J. B.	.do	
			Higgins, Harry	do	1
			Hooker, Fred	do	
			Long, R. Ray	do	
			Miller, J. H	do 108 10	
			Porter, S. A	do 93 60	
			Simerl, M. A	do	
			Wright, Amos	do	
			Bevis, A		
	427	Ton 0	Morrion Handword Co	Locks metts	071
	428	do do	H W Johns-Manvilla Co	Electric matts	271 363
	429	Ton 0	Hunter Dourks & Co	Building materials	55
	430	do	Hunter, Rourke & Co. F. A. Hawley. S. E. Huff & Co.	Building materials. Concrete work.	275
	431	do	S. E. Huff & Co.	Building materials	459
	432	do	Peck & Hills Furniture Co	Omce equipment	40
	433	Jan. 10	W. M. Crilly Co	Building cantract	548
	434	do	The S. S. White Dental Co	Laboratory apparatus	1,008
	435	Jan. 12	R. C. Wagner & Son G. E. Stechert & Co Underwood Typewriter Co The W. W. Crilly Co	Piping	53
	436	do	G. E. Stechert & Co	Books	106
	437 438	ao	Underwood Typewriter Co	Building contract	71
	439	do	M I Corbox & Co	Plumbing	266 825
	440	Jan. 13	M. J. Corboy & Co. Illinois Traction System.	Freight	5
	441	Jan. 14	Illinois State Register	Incidentals	4
	442	do	Alexander Lumber Co	Lumber	68
	443	do	Central Electric Co	Electrical materials	38
	444	do	Southern Publication Society	Books	3
	445	do	The Champaign News The Urbana Courier Co	incidentals	1
	446	do	The Urbana Courier Co	do Piping	1 1
	447	ao	Harris-Dillavou & Co	Plumbing	16
	448 449	do	Crane Co.	Plumbing	28 76
		do	Hunter, Rourke & Co	Building suppliesPlumbing.	
	451	uo	R C Wagner & Son	Tunnel extension	191
	452	do	Burt Paul	Salary January 1914	150
	453	Jan. 15	Reliable Plumbing & Heating Co. R. C. Wagner & Son. Burt, Paul. O. E. Staples, Bursar Erie City Iron Works Carson Payson Co. Eimer & Amend Nollau & Wolff Mfg. Co. E. R. Welshly. Eco-Thermal Stove Co. Jacob White J. W. Dunlan	Salary, January, 1914. Student labor	111
	454	do	Erie City Iron Works	Boiler	403
	455	do	Carson Payson Co	Plumbing	82
	456	Jan. 16	Eimer & Amend	Laboratory apparatus	75
	457	do	Nollau & Wolff Mfg. Co	Furniture	275
	458	do	E. R. Welshly	do	375
	459	do	Eco-Tnermal Stove Co	Kange	55
	460	do	Jacob White	Labor, material	70
	461	do	J. W. Duniap	Lumbor	22
	462	do	Coorgo W. Prutemon Co	Drainage grading	5 528
	463 464	ao	Relieble Plumbing & Testing Co	Plumbing	165
	465	ao	Jacob White. J. W. Dunlap W. W. Walls & Co. George W. Prutsman Co. Reliable Plumbing & Heating Co. Ideal Electric Co. Mrs. Mary Poll Narraganset Machine Co. Alexander H. Revell & Co. Alexander H. Revell & Co.	Electrical materials	8
	466	Tan 10	Mrs. Mary Poll	City lots	2,816
	467	do	Narraganset Machine Co	Lockers	812
	10	Tan 20	Alexander H. Revell & Co.	Furniture	70
	46				167

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000000000000000000000000000000000000000	476 477 478 479 480 481 482 483 484 485 486 487 490 491 492 493 494 497 498 499 499 499	.do	U. of I. Supply Store. C., C., C. & St. L. R. R. The Wabsah R. R. Smith-Totman Co. The Remington Typewriter Co. The Globe-Wernicke Co. O. E. Staples, Bursar Reliable Plumbing & Heating Co. Charles Welch. Crane Co. Bacon Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk C. J. Welch. J. Welch. J. H. Rice Co. C. A. Denman.	Friling cabinet Freightdo .Plumbing Typewriters Office equipment Student labor Plumbing Concrete work Plumbing Stain and shellac Plumbing Tanbark Taxes Concrete work Rilding Taxes Concrete work	169 44 4 13 41 87 724 33 145 86 27 56 10 26 196 00 6 80 42 00 3 38 330 00 519 66 78 88 71 89
000000000000000000000000000000000000000	477 478 479 481 482 483 484 485 486 487 490 491 492 493 494 497 498 499 499	do	C. C. C. & St. L. R. R The Wabash R. R Smith-Totman Co. The Remington Typewriter Co. The Globe-Wernicke Co O. E. Staples, Bursar Reliable Plumbing & Heating Co. Charles Welch Crane Co. Bacon Brothers Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk C. J. Welch Jas. H. Rice Co. C. A. Denman.	FreightdoDynaming Typewriters Office equipment Student labor Plumbing Concrete work Plumbing Stain and shellac Plumbing Tanbark Taxes Concrete work	4 13 41 8 724 3; 145 8 27 5 10 20 196 00 6 8 42 00 3 38 330 00 519 66 78 85
000000000000000000000000000000000000000	478 479 480 481 482 483 484 485 486 487 488 490 491 492 493 494 495 496 497 498	.do	The Wabash R. R. Smith-Totman Co. The Remington Typewriter Co. The Globe-Wernicke Co. O. E. Staples, Bursar. Reliable Plumbing & Heating Co. Charles Welch. Crane Co. Bacon Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	. do Plumbing Typewriters Office equipment Student labor Plumbing Concrete work Plumbing Stain and shellac Plumbing Tanbark Taxes Concrete work	41 84 724 33 145 80 27 50 10 20 196 00 6 80 42 00 3 38 330 00 519 66 78 85
000000000000000000000000000000000000000	479 480 481 482 483 484 485 486 487 488 489 491 492 493 494 495 496 497 498	.do	Smun-Toman Co. The Remington Typewriter Co. The Globe-Wernicke Co. O. E. Staples, Bursar. Reliable Plumbing & Heating Co. Charles Welch. Crane Co. Bacon Brothers. Smith-Totman Co. Woeliel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	rumbing. Typewriters Office equipment Student labor Plumbing. Concrete work Plumbing Stain and shellac Plumbing Tanbark Taxes. Concrete work	724 33 145 80 27 55 10 20 196 00 6 80 42 00 3 38 330 00 519 66 78 85 71 8
000000000000000000000000000000000000000	481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498	Jan. 22 .dodododododododododododododododododododododododododododo	The Globe-Wernicke Co O. E. Staples, Bursar Reliable Plumbing & Heating Co. Charles Welch. Crane Co. Bacon Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	Office equipment Student labor Plumbing Concrete work Plumbing Stain and shellac Plumbing Tanbark Taxes Concrete work	119 50 10 20 196 00 6 80 42 00 3 38 330 00 519 66 78 88
000000000000000000000000000000000000000	482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498	Jan. 22 .dododododododododododododododododododododododododododododododo	O. E. Staples, Bursar. Reliable Plumbing & Heating Co. Charles Welch. Crane Co. Bacon Brothers Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	Student labor Plumbing Concrete work Plumbing Stain and shellae Plumbing Tanbark Taxes Concrete work	10 20 196 00 6 80 42 00 3 38 330 00 519 66 78 88 71 88
000000000000000000000000000000000000000	483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498	do do do do do do do do	Reliable Plumbing & Heating Co. Charles Welch Crane Co. Bacom Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch Jas. H. Rice Co. C. A. Denman.	Plumbing. Concrete work Plumbing. Stain and shellac Plumbing. Tanbark Taxes. Concrete work.	196 00 6 80 42 00 3 38 330 00 519 66 78 88 71 88
000000000000000000000000000000000000000	484 485 486 487 488 489 490 491 492 493 494 495 496 497 498	do	Crane Co. Bacon Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch Jas. H. Rice Co. C. A. Denman	Concrete work Plumbing Stain and shellae Plumbing Tanbark Taxes Concrete work Building materials	42 00 3 38 330 00 519 66 78 88
000000000000000000000000000000000000000	486 487 488 489 490 491 492 493 494 495 496 497 498	.do	Bacon Brothers. Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	Stain and shellac Plumbing Tanbark Taxes Concrete work	3 38 330 00 519 66 78 88 71 88
00000000000000	487 488 489 490 491 492 493 494 495 496 497 498	do	Smith-Totman Co. Woelfel Leather Co. Fred Hess, County clerk. C. J. Welch. Jas. H. Rice Co. C. A. Denman.	Plumbing Tanbark Taxes Concrete work	330 00 519 66 78 85 71 85
000000000000	488 489 490 491 492 493 494 495 496 497 498	Jan. 23 do do do	Woeliel Leather Co. Fred Hess, County clerk. C. J. Welch. C. J. Rice Co. C. A. Denman.	Tanbark Taxes Concrete work	519 66 78 85 71 85
00000000000	489 490 491 492 493 494 495 496 497 498	.dododododo	Jas. H. Rice Co. C. A. Denman	Concrete work.	71 85
0000000000	491 492 493 494 495 496 497 498	do do do	Jas. H. Rice Co. C. A. Denman	Building motoriols	12 44
00000000	492 493 494 495 496 497 498	do do	C. A. Denman	Dunung materials	2 40
0000000	493 494 495 496 497 498	do	11 25 21 0	Painting.	214 75 316 44
000000	495 496 497 498	· · · · · · · ·	The Burr Co	Apparatus, Woman's Building.	316 44 16 50
0000	496 497 498 490		The Taylor Hardware Co	do	4 85
CCC	497 498 490	do	Weil Brothers	Plumbing.	4 88 93 78
Č :	498   490	Jan. 26	John B. Bennett	Drains.	449 35
Ž į		Jan. 28	Federal Sign System Co	Electrical materials	92 62
	500	do	The Snead & Co. Iron works	Furniture and fixtures	267 96 336 00
č	501	do	Illinois State Penetenitary	Furniture	57 50
Ç .	502	do	D. H. Lloyde	Office equipment	64 84
Ç i	503	do	Control Floatria Co	Hinges and screws	2 06 26 93
č	504 505	do	Urbana, Champaign Rv., Gas & Electric	Electrical materials	. 20 98
		_	_Co	Plumbing	32 05
Ğ i	506	do	The Taylor Hardware Co	Locks and knobs	49 32
č	507 508	do	F P Smith Wire & Iron Works	Partition and door	650 00 50 47
č	509	do	Statute Law Book Co.	Books.	6 00
Č.	510	do	U. of I. Supply Store	do	8 36
Č i	511	do	Shepard Book Co	do	17 18 5 50
č	512 513	do	Powners Book Store	-do	5 50 7 50
č	513 514	do	John W. Cadley	do	7 50 5 35
Ç (	515	do	The Boston Book Co	do	1 35
C	516 517	do	Lomela & Ruschner	do	10 75 22 42
č	518	do	American Society of Mechanical Engineers	.do	6 00
Č	519	do	G. Schirmer	do	4 46
Č {	520 521	do	Lathrop C. Harper	do	50 00
000000000000000000000000000000000000000	$\frac{521}{522}$	do	M. H. Gardner	do	5 00 7 00
č	523	do	John Wheldon Có	do	7 42
Ç ê	524	do	A. C. McClurg & Co.	do	563 56
C S	525 526	do	The Arthur H. Clark Co	do	34 90 645 23
C	526 527	ao	The M. J. Corboy Co	Building contract	1,047 71
č	528	do	Nollau & Wolff Mfg. Co.	Furniture and fixtures	175 00
Ç	529	do	H. Mueller Mfg. Co	Building contract	214 50
Ç E	530	do	Stromberg Carlson Telephone Mfg. Co	Office equipment	80 00
C	531 532	do	Carson Harry Y	Salary January 1014	58 27 62 50
Č i	533	Jan. 29	C. B. Holmes, Collector	Taxes.	487 08
Ç ē	534	do	A. E. Keys.	Drains	102 30
Ç E	535 536	oo	K. U. Wagner & Sons	Ruilding materials	117 75 4 71
č	537	do	Bacon Brothers.	Varnish	4 71
Č	537 538	do	W. W. Walls & Co	Building materials.	63 36
C	539	do	Central Electric Co. Urbana, Champaign Ry., Gas & Electric Co. Co. The Taylor Hardware Co. Charles T. Moore. F. P. Smith Wire & Iron Works. Statute Law Book Co. Urbanel Co. Statute Law Book Co. The John Clark Co. Powners Book Store. John W. Cadley. The John Clark Co. Powners Book Store. John W. Cadley. The Boston Book Co. A. A. Heller. The Bibliopole. M. H. Gardner. Lathrop C. Harper. The Bibliopole. M. H. Gardner. John Wheldon Co. A. C. McClurg & Co. The Arthur H. Clark Co. G. E. Stechert & Co. The M. J. Corboy Co. Nollau & Wolff Mfg. Co. H. Mueller Mfg. Co. H. Mueller Mfg. Co. Carson, Harry Y. C. B. Holmes, Collector A. E. Keys. R. C. Wagner & Sons. The Burr Co. Bacon Brothers. W. W. Walls & Co. S. E. Huff & Co. C. J. Welch. C. W. Purtemen.	Building materials. Varnish. Building materials and plumbing. Building contract. Grading Labor Turbine pump Taxes.	
o :	<sub>40</sub>	Jan. 30	C T Wolch	Ing	35 90
č	540  - 541  -	do	G. W. Prutsman	Grading	90 81 1, 095 93
č	542	do	J. C. White	Labor	1,095 93 21 50
C E	543	Jan. 31	Chicago Pump Co.	Turbine pump	276 00
0000000 5500000	544	do  Feb. 3			5 95
Č F		do	Federal Sign System	Furniture and fixtures General supplies	11 <sup>.</sup> 61 3 02

1	Vo.	Date.	S. E. Huff & Co. Lawyers Cooperative Publishing Co. Boston Book Co. T. H. Flood & Co. West Publishing Co. Callaghan & Co. James M. White, Supt. Architect. Statute Law Book Co. Fred Hess, County Clerk The Morava Construction Co. Boyer, W. H. Pay roll. Bevis, Albon Booher, M. C. Booker, A. J. Brannigan, John. Clancy, Frank. Craig, J. D. Davis, C. M. Fiscus, J. C. Gundlock, Charles. Higgins, Harry. Long, R. Roy Porter, S. A. Stipes, George. Vandeventer, J. H. Wright, Amos Porter, S. A. C. H. Lemon & C. W. Walcott. F. C. Jorgeson & Co. Bausch & Lomb Optical Co. Carson-Payson Co. The Chas. A. Hall Hardware Co. General Electric Co. Peck & Hills Furniture Co. The Snead & Co. Iron Works English Brothers. J. W. Swartz E. T. Barnum Wire & Iron Works S. E. Huff & Co. Weil Brothers Knowlton & Bennett Twin City Roofing Co. George Strode Archibald Fisher Bacon Brothers. W. F. & John Barnes Co. Weil Brothers Earhart, C. M. O. E. Staples, Bursar C. A. Kiler Reliable Plumbing & Heating Co. Putnam-Page Co., Inc. Pittsburgh Plate Glass Co. Luitwieler Pumping Engine Co. S. E. Huff & Co. Weil Brothers Earhart, C. M. O. E. Staples, Bursar C. A. Kiler Reliable Plumbing & Heating Co. Putnam-Page Co., Inc. Pittsburgh Plate Glass Co. Luitwieler Pumping Engine Co. S. E. Huff & Co. Weil Brothers Earhart, C. M. O. E. Staples, Bursar C. A. Kiler Reliable Plumbing & Heating Co. Putnam-Page Co., Inc. Pittsburgh Plate Glass Co. Luitwieler Pumping Engine Co. S. E. Huff & Co. Weil Brothers Earhart, C. M. O. Federal Sign System, Electric. Multiplex Display Fixture Co. E. H. Stafford Wire Works Programs M. White. The Reliable Plumbing & Heating Co. Mitter Braced Furniture Co. James M. White. The Reliable Plumbing & Heating Co. Mitter Braced Furniture Co. The Shank White. The Reliable Plumbing & Heating Co. Mitter Brownell. Fitte Bruniture Co. The Shank White. The Reliable Plumbing & Heating Co. The Miller Pasteurizing Machine Co. Automatic Electric Co.	Foriwhat.	Amou
		1914.			
;	547	Feb. 3	S. E. Huff & Co	Building materials	\$ 25
	548	do	Lawvers Cooperative Publishing Co	Books	. 2
	549	do	Boston Book Co	do	5
	550	do	T. H. Flood & Co	do	237
	551	do	West Publishing Co	do	58
	552	do	Callaghan & Co	do	36 80
	553	Feb. 4	James M. White, Supt. Architect	Traveling expenses	80
	554	do	Statute Law Book Co	Books	1
	555	do	Fred Hess, County Clerk	Taxes	16
	556	do	The Morava Construction Co	Contract-Armory	11,100
	557	do	Boyer, W. H	Wages, January, 1914	1,056
	558	Feb. 5	Pay roll	January, 1914	1,056
			Bevis, Albon	Wages, January, 1914 \$107 25	
		l	Booher, M. C	]do 96 40	· I
		[	Booker, A. J	do 97 60	l l
			Brannigan, John	do 28 00	
		•	Clancy, Frank	do 110 92	
			Craig, J. D.	do 94 40	
			Davis, C. M	do 79 45	
		1	Fiscus, J. C.		1
		I	Gundlock, Charles	ao	1
		I	Higgins, Harry	ao 95 90	9
		ł	Long, K. Roy	do	9
		1	Porter, S. A.	95 00	
		1	Vandavantan T. II	1	1
		1	vanueventer, J. H	95 20	3
		1	Wilgith, Amos	32 40	
	559	4.0	Porter, S. A.	Demokara of 1-4	, , , ,
	560		E. C. Lemon & C. W. Walcott	Constant of Iot.	2,55
	561		Parach & Lamb Ontical Co	Cases	155
	$\frac{561}{562}$		Common Demon Co	Dorrmont on contract	1,70
	563		Carson-rayson co	Pode stalmes	1,70
	564	do	General Floatric Co	Toborotory amount	1
	565	do	Dools & Tilla Franciscana Co	Dooled apparatus	.91
	566	do	The Creed & Co. Tree Works	Bookstooks sholmes	59
	567	Feb 7	English Prothers	Payment on contract	17 94
	568	do.	T W Swortz	do	11,24
	569	do	E T Barnum Wire & Iron Works	Wire etc	37
	570	do	S E Huff & Co	Lumber	17, 24 37
	571 572 573	do	S E Huff & Co	- do	١ .
	572	do	Weil Brothers	Sheet lead	6
	573	'do	Knowlton & Bennett	Glue	
	574	do	Twin City Roofing Co	Skylight	6
	575 576	do	George Strode	Roller curtain	12
	576	do	Archibald Fisher	Chair Pedistals	5
	577	do	Bacon Brothers.	Glass	21 2 2 2
	578 579	do	W. F. & John Barnes Co	Drill, lathe	21
	579	do	Weil Brothers	Sheet lead	2
	580	do	Earhart, C. M.	Salary, January, 1914.	2
	581	Feb. 11	O. E. Staples, Bursar	Student labor	
	582	do	C. A. Kiler	Shades	. 4
	582 583	do	Reliable Plumbing & Heating Co	Piping	
	584	do	Putnam-Page Co., Inc	Machine	20 40
	585	do	Pittsburgh Plate Glass Co	Glass	40
	586	do	Luitwieler Pumping Engine Co	Machine	. 88
	587	do	S. E. Huff & Co	Lumber	88
	588.	do	Western Electric Co	Conductors	. 6
	589	do	Federal Sign System, Electric	Fixtures	. 1
	590	do	Multiplex Display Fixture Co	do	. 49
	591	do	E. H. Stafford Mfg. Co	Desks	84
	592	do	F. A. Hawley	. Payment on contract	. 14
	593	do	W.H. Pearce & Co	do	6,38
	594	do	L. J. Towne	Traveling expenses	1 1
	59	do	Burt, Paul	Salary, February, 1914	150
	596	Feb. 14	C. H. Brownell	Partition	398
	597	do	Fitted Steel Sash Works	Bolts	2
	598	do	The General Fireproofing Co	Furniture	29
	599	do	Illinois State Penitentiary	Chairs	. 1
	600	do	The Inner Braced Furniture Co	Chair	.  ;
	601	do	James M. White	Traveling expenses	2,28
	602	do	The Reliable Plumbing & Heating Co	. Payment on contract	2,28
	603	do	Mittendorf & Kiler	Files	1
	604	do	D. H. Lloyde	do	. 20
	605	do	Charles W. Redwood	Charts	50
;	606	do	E. R. Landon Iron & Wire Works	Window guards	4.
	607	do	Peck & Hills Furniture Co	Desk	2
;	608	do	The Miller Pasteurizing Machine Co	Laboratory apparatus	28
	609	l do	LAutomatic Electric Co	Equipment	1'

=			1	<u> </u>	i i
. :	No.	Date.	U. of I. Supply Store. S. E. Huff & Co. Federal in System. C. J. Welch. R. C. Wagner & Son. General Electric Co. S. E. Huff & Co. W. Lowis & Co. W. Lowis & Co. W. W. Walls & Co. Knowton & Bennett. The Taylor Hardware Co. F. M. Leslie. Inner Braced Furniture Co. Frank Hawley C. A. Denman. A. C. McClurg & Co. Gerbardt & Co. Hudson Book Co. U. P. James. M. M. Breslon. D. H. Newhall. Wm. J. Campbell. Henry Malkan. Arthur H. Clark Co. The Torch Press. Cadmus Book Shop. Illinois State Penitentiary. Marshall Field & Co. Douglas C. McMurtrie. The Boston Book Co. Franklin Book Shop. N. J. Bartlett & Co. Franklin Book Shop. N. J. Bartlett & Co. American Book Co. German-A merican Book Co. Peter Stammer. The Bibliopole. Shurtleff College. John W. Cadby. Peek & Hills Furniture Co. C. A. Denman. S. E. Huff & Co. D. Osborn. Mass Brothers. University of Chicago Press. General Fireproofing Co. Automatic Electric Co. E. H. Sargent & Co. Underwood Typewriter Co. D. H. Lloyde. Johnson Service Co. Illinois State Peniteniary W. W. Walls & Co. The Burr Co. Reliable Plumbing & Heating Co. C. A. Denman. C. A. Co. General Electric Co. Marshall Field & Co. General Electric Co. Bacon Brothers. Leavitt Mfg. Co. General Electric Co. Reliable Plumbing & Heating Co. C. A. Denman C. A. Kiler. Percival & Moorehead The Burr Co. Reliable Plumbing & Heating Co. C. A. Denman C. A. Kiler. Percival & Moorehead The Burr Co. Reliable Plumbing & Heating Co. C. A. Denman C. A. Kiler. Percival & Moorehead The Burr Co. Reliable Plumbing & Heating Co. C. A. Denman Electric Co. Reliable Plumbing & Heating Co. C. A. Denman Electric Co. Reliable Plumbing & Heating Co. C. A. Denman Electric Co. Reliable Plumbing & Heating Co. C. A. Eugen Dietzego Co. Underwood Typewriter Co. Reliable Plumbing & Heating Co. C. A. Eugen Dietzego Co. Reliable Plumbing & Heating Co. C. A. Eugen Dietzego Co. Reliable Plumbing & Heating Co. C. A. Eugen Dietzego Co. C. C. E. H. Sarpenter & Co. Reliable Plumbing & Heating Co. C. A. E. Staples.	For what.	Amount.
c	610	1914.	II of I Supply Store	Equipment	\$ 111 24
č	611	do	S. E. Huff & Co.	Cabinet	29 40
č	612	do	Federal Sign System	Fixtures	29 40 11 75
C	613	do	C. J. Welch	Labor and material	1,685 21 255 77
č	614	do	R. C. Wagner & Son	Grading	255 77
Č	$615 \\ 616$	Fob 17	General Electric Co	Electrical materials	840 24
č	617	do. 17	W Lowis & Co	Rug	15 30 25 00
č	618	do	W. W. Walls & Co.	Building material	20 86
Č	618 619	do	Knowlton & Bennett	do	20 86 34 40
Č	620	do	The Taylor Hardware Co	. do	52 19
Ç	621	Feb. 19	F. M. Leslie	Museum cases	78 45 9 00 11 80
č	$\frac{622}{623}$	do	Frank Hawley	Ruilding improvements	11 90
č	624	do	C. A. Denman	do	374 45
č	625	Feb. 25	A. C. McClurg & Co.	Books.	31 53
Ċ	626	do	G. E. Stechert & Co	do	215 46
Ç	627	do	Smith-Totman Co	Contract	398 05
ç	628	do	Gerhardt & Co	Books	50 49
č	$629 \\ 630 \\ 631$	do	II P James	- do	40 85 16 50
č	631	do	M. M. Breslon	do	23 30
č	632	do	D. H. Newhall	. do	41 75
Č	632 633	do	Wm. J. Campbell	do	41 75 33 00
č	$\frac{634}{635}$	do	Henry Malkan	. do	66 25 27 11
č	635	do	Arthur H. Clark Co	. do	27 11
ä	636 637	do	Codming Pools Shop	. do	29 37 11 11
č	638	do	Illinois State Penitentiary	Furniture	18 00
č	639	do	Marshall Field & Co	_do	108 84
Ċ	640	do	Douglas C. McMurtrie	Books	108 84 1 59
Ç	641	do	The Boston Book Co	do	16 00
ç	642	do	Franklin Book Shop	. do	3 80
č	643	do	The Leby Clark Co		3 23
č	$644 \\ 645$	do	American Rook Co	do	6 25
č	646	do	German-American Book Co	do	5 00
Č	647	do	Peter Stammer	do	3 23 3 00 6 25 5 00 2 10 7 50
Č	648	do	The Bibliopole	do	7 50
ç	649	do	Shurtleff College	do	1 15
č	$650 \\ 651$		Dools & Hills Furniture Co	Furniture	3 10 17 39
č	652	do	C A Denman	Painting	221 80
č	653	do	S. E. Huff & Co.	Building material	6 60
$\mathbf{c}$	654	do	D. Osborn	Contract	101 15 185 00
č	655	do	Maas Brothers	Furniture	185 00
ŭ	$\frac{656}{657}$	ao	University of Unicago Press	BOOKS	$\begin{array}{c} 4 & 33 \\ 27 & 00 \end{array}$
č	658	do	Automatic Electric Co	Office equipment	27 50
č	659	do	E. H. Sargent & Co	Laboratory apparatus	25 00
$\mathbf{c}$	660	do	Underwood Typewriter Co	Office equipment	61 75
č	661	do	D. H. Lloyde	Music	160 08
Ö	662	Feb. 26	Johnson Service Co	Contract	845 00 15 00
č	$663 \\ 664$	Feb. 27	W. W. Walls & Co.	Building material	15 00 12 24
č	665	do	The Burr Co	do	3 85
Ċ	666	do	Bacon Brothers	do	5 00
č	667	do	Leavitt Mfg. Co	do	1 00
č	668	do	General Electric Co	Laboratory apparatus	44 72 5 75 16 75 3 35
č	669 670		Marshall Fleid & Co	Office equipment	5 75 16 75
č	671	Mar 4	Percival & Moorehead	Building material	3 35
č	672	do	The Burr Co	do	7 68
Ċ	672 673	do	Reliable Plumbing & Heating Co	Plumbing	7 68 67 79
č	674	.do	C. A. Denman	Painting	590 17
č	675	do	U. A. Kiler	Omce equipment	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
č	776 677	ao	Toylor Hardware Co	Dunding material	9 84
č	678	do	Engana Dietzgen Co	Furniture and fixtures	189 00
č	679	do	Underwood Typewriter Co	Office equipment.	71 75
C	680	do	S. E. Huff & Čo	Building material	71 75 4 30
č	681	do	Geo. B. Carpenter & Co	do	117 60
č	682	do	Economy Drawing Table Co	Furniture and fixtures	49 10
č	683	ao	U. 01 1. Supply Store	Building meterial	$\begin{array}{ccc} 70 & 00 \\ 3 & 00 \end{array}$
č	684 685	таг. b	E. 1. Dailium whe & Ifon Works	Building repairs	50 65
č	686	do	Peck & Hills Furniture Co.	Furniture	18 37
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	687	do	Geo. C. Maynard	Books	115 90
$\mathbf{C}$	688	do	O. E. Staples	Student labor paid	8 70
		1		t I	

No.	Date.	To whom.	For what.	Amour
	1914.	Library Bureau Col, Thomas L. Casey U. P. James, Bookseller Torch Press Book Shop Boston Book Co. Mrs. Sophie Lee Foster M. R. Scott. C. F. Liebeck John E. Scopes & Co. Geo. E. Warner Mississippi Historical Society Charles E. Lauriat Co C. Gerhardt & Co. McDevitt Wilson W. J. McConnell Southern Book Exchange Wm. J. Gerhard J. Fisher & Bro. S. E. Huff & Co. Bacon Brothers The Burr Co. J. W. Dunlap		
689	Mar. 5	Library Bureau	Furniture and fixtures	\$ 19
69	)  do	Col. Thomas L. Casey	Books	6
69:	l  do	U. P. James, Bookseller	do	29
69	2  do	Torch Press Book Shop	do	4
693	3  do	Boston Book Co	do	10
69	do	Mrs. Sophie Lee Foster	do	ž
69	do	M. R. Scott	do	2
696	do	C F Liebeck	do	3 3 2 25 1 29
69	7do	John E. Scones & Co	do	9
698	3do	Geo F Worner	do	្ត
699	1	Miggigginni Historical Coniety	do	2
700	)  do	Charles To Taxasist Co		25
700	)do	Charles E. Lauriat Co	qo.	1 1
70.	do	C. Gernardt & Co	ao	29
703	2do	McDevitt-Wilson	do	3
70: 70: 70:	3  do	W. J. McConnell	do	3
704	do	Southern Book Exchange	do	3 3 15 17
708 706	do	Wm. J. Gerhard	do	15
706	do	I Fisher & Bro	do	17
707	,do	S E Huff & Co	Building motorial	1 4
700	140	Ragon Brothers	do	1
700	,uo	The Print Co	do	6
711	do	THE DUIT CO	G17-1	_2
709 710 711	do	J. w. Duniap	General labor	14
711	do	Automatic Electric Co	Office equipment	55 125
-712	do	C. H. Brownell	Building changes	125
713 714	do	G. E. Wright	Traveling expenses	6
714	Mar 6	Pay roll	February, 1914	6 1,350
	1	Booher M C	Wages February 1914 \$77 60	2,000
		Booker A T	1 40	
	İ	Down Will Allen	do 06 00	
		Clamar Emanle	30 00	
		Clancy, Frank	]00 98 23	
		Craig, J. D	do 82 80	
	1:	Crawford, R. W	do 45 90	
		Dunseth, C. A.	do	'
		Fiscus, J. C.	do 86 40	
		Gundloch Charles	do 70 66	
	1	Higher T B	45 50	
		Tromport M. A.	40 00	
	1	Kenney, T. A.	J. do	
	İ	Kirby, Clyde Collins	00	
	1	Livich, P. L	do 13 00	
		Sandwell, Martin	do 80 80	
		Snook, Orval	do 51 03	
		Speedie, A. C	12 40	
		Stearns, A. Live	do 35 90	
	1 .	Taylor Arthur	do 52 20	
	1	VanGundy Harvay	do 73 00	
1		TTill Charles	do 00 16	
	1	Manage lim Williams	do 01 00	
71	12 m   0	Tempini, winam	u0 81 00	
715	mar. 9	A. C. McChirg & Co	BOOKS	75
716	do	G. E. Stechert & Co	do	607
717	do	Arthur H. Clark Co	do	13
718	do	Statute Law Book Co	do	104
719 720 721 722	do	The Shaw-Walker Co	Furniture	25
720	do	L. C. Smith & Bros. Typewriter Co.	Office equipment.	25 75
721	·do	Library Bureau	Furniture and fixtures	305
722	do	Thomas I Caia Co	Books	37
723	40	Champaign Navg	Traidentals	3
724		TT of T County Chang	The identials	္
724	ao	U. of 1. Supply Store	Furniture	5 42
$725 \\ 726$	do	H. W. Johns Manville Co	Building repairs	42
726	do	L. C. Smith & Brothers Typewriter Co	Office equipment	45
$727 \\ 728$	do	Peck & Hills Furniture Co	Furniture	5
728	do	H. W. Johns-Manville Co.	Building repairs	14
729	do	S E Huff & eo	do	$\tilde{61}$
729 730	do	Williams Prothers	Furniture	20
72		m tr mans bromors	D 1-0	32 47
731 732	Mar. 10	T. H. F1000 & CO	DOOKS	47
732	ao	George L. Jones	[do	. 98
733 734	do	Caxton School Supply Co	Furniture and fixtures	8
734	do	C. A. Kiler	do	33
735	do	S. E. Huff & Co	Building materials	5
736	l. do	Twin City Roofing Co	Building contract	71
737	do	Martindale Mercantile Agency	Books	10
735 736 737 738	do	Callaghan & Co	do	19
720	1	Lawrana Connerative Deblishing C-	do	19
739 740	[ao]	Dawyers Cooperative Publishing Co	uo	2 1
740	ao	Prairie Pam Rook Co	ao	Ţ
741	do	Little, Brown & Co	ao	4
742	do	Southern Book Exchange. Wm. J. Gerhard. J. Fisher & Bro. S. E. Huff & Co. Bacon Brothers. The Burr Co. J. W. Dunlap. Automatic Electric Co. C. H. Brownell. G. E. Wright. Pay roll. Booher, M. C. Booker, A. J. Boyce, Will Allen. Clancy, Frank. Craig, J. D. Crawford, R. W. Dunseth, C. A. Fiscus, J. C. Gundloch, Charles. Hickey, J. B. Kenney, T. A. Kirby, Clyde Collins. Livich, P. L. Sandwell, Martin. Snook, Orval. Speedie, A. C. Stearns, A. Llye. Taylor, Arthur. VanGundy, Harvey. Hill, Charles. Templin, William. A. C. McClurg & Co. G. E. Stechert & Co. Arthur H. Clark Co. Statute Law Book Co. The Shaw-Walker Co. L. C. Smith & Bros. Typewriter Co. Library Bureau. Thomas J. Caie Co. Champaign News. U. of I. Supply Store. H. W. Johns Manville Co. L. C. Smith & Bros. Typewriter Co. H. W. Johns Manville Co. S. E. Huff & Co. Williams Brothers T. H. Flood & Co. George I. Jones. Caxton School Supply Co. C. A. Kiler. S. E. Huff & Co. Twin City Roofing Co. Martindale Mercantile Agency. Callaghan & Co. Lawyers Cooperative Publishing Co. Stamplex Electric Heating Co. Stamplex Electric Heating Co. Stamplex Electric Heating Co. Simplex Electric Heating Co. Shapleigh Hardware Co. Illinois State Penitentiary.	Office equipment	70
743	do	Simplex Electric Heating Co	Laboratory apparatus	4
	1	a. +1		10
743 744	1do1	Shapleigh Hardware Co	ld0	12

N	To.	Date.	To whom.	For what.	Amou
		1914.			
,	746	Mon 11	Urbana & Champaign Ry. Gas & Elec-		
	747	do	tric Co. C. A. Kiler A. C. McClurg & Co. The Flat Iron Store. The Burr Co. Allis Chalmers Mfg. Co. The Macmillan Co. Misting Science	Building repairs Furniture.	\$ 25 15
	748	do	A. C. McClurg & Co.	Books.	1 10
,	740	do	The Flat Iron Store	Furniture	5
	750	do	The Burr Co	Building repairs	75
	751 752 753	do	Allis Chalmers Mig. Co	Laboratory apparatusBooks	125 11
	753	do	Mining Science	do	9
	754	do	U. of I. Supply Store	do	3 11
	755 756	do	U. of I. Supply Store	L.do	11 8
	757	do	Federal Sign System	Generalsupplies	111
	758 759	do	Burt, Paul.	Salary, March, 1914.	. 150 70
	759	Mar. 14	L. C. Snith & Brothers Typewriter Co	Office equipment	70
	$\frac{760}{761}$	do	Westinghouse Electric & Mig. Co	Pooleg	27 8
	762	do	Hunter, Rourke & Co	Furniture and fixtures	6
	762 763	do	Bausch & Lomb Optical Co	Laboratory apparatus	111
	764	do	O. E. Staples, Bursar	Student labor	12
	765 766	do	F. A. Hawley	Building repairs	24 11
	767	do	James B. Clow & Sons	do	17
	768 769 770	do	The Burr Co. Allis Chalmers Mig. Co. The Macmillan Co. Mining Science. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. U. of I. Supply Store. Burt, Paul U. C. Snith & Brothers Typewriter Co. Westinghouse Electric & Mig. Co. G. E. Stechert & Co. Hunter, Rourke & Co. Bausch & Lomb Optical Co. O. E. Staples, Bursar F. A. Hawley Mass Brothers James B. Clow & Sons. Snook-Roentgen Mig. Co. Peorla Stone & Marble Works E. H. Sargent & Co. Robert Essex Incubator Co. Federal Sign System McGraw-Hill Book Co. Montgomery, Ward & Co. Toledo Metal Furniture Co. U. of I. Supply Store. H. W. Johns-Manville Co. Johnson Brothers. Johnson Brothers. Johns-Hopkins University M. J. Corboy Co. William H. Taggart Ideal Electric Co. U. of I. Supply Store. Swatrz Electric Co. Hunter, Rourke & Co. L. C. Smith & Bros. Typewriter Co. Bausch & Lomb Optical Co. Smith-Totman Co. U. of I. Supply Store. General Electric Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Rourke & Co. Hunter, Ro	Laboratory apparatus	78
	769	Mar. 16	Peoria Stone & Marble Works	On contract.	830
	$\frac{770}{771}$	do	E. H. Sargent & Co	Laporatory apparatus	25 100
	772	do	Federal Sign System	Electrical material	83
	772 773 774	do	McGraw-Hill Book Co.	Books.	83
	774	do	Montgomery, Ward & Co	Office equipment	27
	775	do	Toledo Metal Furniture Co	Furniture	15 12
	775 776 777	do	H. W. Johns-Monville Co.	Building rangire	75
	778	do	Johnson Brothers	do	23
	778 779 780	do	Johns-Hopkins University	Laboratory apparatus	58
	780	do	M. J. Corboy Co	Building contract	180 110
	781	oo	William H. Taggart	Electrical material	110
	781 782 783 784 785	do	U. of I. Supply Store.	Furniture	18 11
	784	do	Swatrz Electric Co	Contract	186 55
	785	do	Hunter, Rourke & Co	Building material	55
	786 787	do	Rausch & Lomb Ontical Co	Laboratory apparatus	29 45
	788	Mar. 19	Smith-Totman Co	Building material	35
	789	do	U. of I. Supply Srore	Books	6
	788 789 790 791	do	General Electric Co	Machinery and apparatus	75 36
	791 792	do	Machinists Supply Co	Ruilding meterial	34
	793 794	do	M. J. Corbov Co.	Contract	55
	794	do	Remington Typewriter Co	Office equipment	45
	795	do	Walker & Mulliken	Furniture	10
	797	do	I I I I I I I I I I I I I I I I I I I	do	16
	796 797 798 799	do	Tinius Olsen Testing Machine Co	Laboratory apparatus	325
	799	Mar. 20	Leavitt Mfg. Co.	Building repairs	18
	800 801	do	Walker & Mulliken. Duparquet, Huot & Moneuse Co. Electrical Machinery & Specialty Co. Creamery Package Mfg. Co. Eimer & Amend. Peck & Hills Furniture Co. Library Bureau. Hudson Book Co. A. C. McClurg & Co. G. E. Stechert & Co. Boston Book Co.	Leberatory apparetus	12
	801	do	Electrical Machinery & Specialty Co	Laboratory apparatusdo	22
	803	do	Creamery Package Mfg. Co	do	39
	804 805	do	Eimer & Amend.	do	
	805 806	do	Peck & Hills Furniture Co	Furnituredo	22
	807	Mar. 26	Hudson Book Co	Books.	12
	808	do	A. C. McClurg & Co	Booksdododo.	321
	809	do	G. E. Stechert & Co	do	353
	810	Mor 02	Hipping State Penitentiany	Furniture	134
	811 812	do	Walker & Mulliken	do	76 24
	813	do	Illinois State Register	Incidentals	} 3
	814	do	Yale & Towne Mfg. Co	Building material	62 12
	$815 \\ 816$	do	Automatic Electric Co	. do	12 37
	817	Mar. 98	The American Contractor	Incidentals	10
	818	do	L. J. Towne.	Incidentals Traveling expenses Office equipment	6
	819	do	A. B. Dick Co.	Office equipment	124
	820 821	do	G. E. Stechert & Co Boston Book Co.  Illinois State Penitentiary.  Walker & Mulliken  Illinois State Register  Yale & Towne Mfg. Co. Automatic Electric Co. General Electric Co. The American Contractor  L. J. Towne.  A. B. Dick Co. Lemon & Walcott The Bristol Co. John J. Pole. George Wharton James	TaxesLaboratory apparatus	42
	$821 \\ 822$	αο	The Bristol Co	Laboratory apparatus    Musical instruments	18 55 7
			U VIII V. I UIU	Books	, 55

Ŋ	Z.oV	Date.	To whom.	For what.	Amour
		1914.		<del></del>	
,	824	Mar. 26	The Bibliopole	Books	\$ 7
, e,	Willis Music Co.	.do	7		
	826	do	Geo. C. Maynard.	do	i
	827	do	Codmus Book Shop	do	2
	000	do	Cadmus Book Shop. The Torch Press Book Shop. Aldine Book Co. Mrs. Frances E. Goddard M. M. Smith Lemcke & Buechner Geo. C. Maynard W. K. Stewart Co. Oliver Ditson Co. George Emery Littlefield S. E. Huff & Co. Urbana & Champaien Rv. Gas and Elec-	40	ĺ
	828	do	Alding Dock Co	00	
	829	do	Aldine Book Co		. 1
	830	do	Mrs. Frances E. Goddard	do	2
	831	do	M. M. Smith	do	35
	832	do	Lemcke & Buechner	do	1
	833	do	Geo. C. Maynard	do	8
	834	do	W. K. Stewart Co	do	1
	835	do	Oliver Ditson Co	do	4
	836	. do	George Emery Littlefield	do	10
	837	do	S. E. Huff & Co.	Building material	30
	838	1do	Urbana & Champaign Ry., Gas and Elec-	1	1
	000		tric Co.	Plumbing	9
	839		Taylor Hardware Co.	Plumbing. Building material	
		1 40	Arthur II Clork Co		56
	840	do	Collabor & Speak	Building shares	22
	841	do	Gallaher & Speck. Davis & Kregger U. P. James. D. H. Newhall	Building charges. Building contract. Books.	168
	842	ao	Davis & Kregger	Building contract	637
	843	do	U. F. James	BOOKS	3
	844	do	D. H. Newhall	do Furniture	17
	845	do	Illinois State Penitentiary	Furniture	76
	846	do	Illinois State Penitentiary Illinois State Penitentiary	ldo	14
	847	1 00	Roller-Smith Co	Laboratory apparatus	49
	848	do	Browne-Morse Co. Carson, H. Y. Smith-Totman Co.	Furniture	18
	849	Mar. 30	Carson, H. Y.	Salary, March, 1914.	125
	850	do	Smith-Totman Co.	Building material	4
	851	do	C. A. Kiler	Furniture and fixtures	203
	852				98
	853	do	Central Station Steam Co Taylor Hardware Co. Eugene Dietzgen Co. D. H. Lloyde. A. C. McClurg & Co. G. E. Stechert & Co.	Laboratory apparatus	13
	854	do	Eugene Dietzgen Co	Furniture and fartures	
		do	D TT Tlands	Office equipment	30
	855		D. H. Lloyde	Direct equipment	16
	856	ao	A. C. McClurg & Co	B00KS	692
	857	do	G. E. Stechert & Co	do	297
	858				116
	859	do	G. Schirmer, Inc	do	8
	860	do	G. Schirmer, Inc. Arthur H. Clark Co.	Laboratory apparatus	37
	861	do	Ernst Leitz	Laboratory apparatus	422
	862	do	C. A. Kiler	Furniture	120
	863	Mar. 31	D. H. Newhall	Books	14
	864	do	Boston Book Co	do	151
	865	do	Chicago Medical Book Co	do	62
	866	40	Cohoidal Western V. Dow Coil Co	Laboratory apparatus	375
	867	do		Pools	373
		do	The wyers Cooperative Fublishing Co	Books.	
	868	do	T. H. Flood & Co.	do	3
	869 870	do	Statute Law Book Co	[do	15
	870		Boston Book Co	do	5
	871	do	West Publishing Co	do	57
	872	do	H. D. Oberdorfer	Traveling expenses	38
	873	Apr. 8	O. E. Staples, Bursar	Student labor	26
	874	do	G. E. Stechert & Co	Books	9
•	875	.,do	George E. Wright	Traveling expenses	10
	876	do		Books	95
	877	do		do	12
	878	do	Underwood Typewriter Co	Office equipment	42
	879	do	E H Sargent & Co	Laboratory apparatus	25
	880			do	21
	000	do	T C Smith & Brog Composition C	Office equipment	
	881	do	L. O. Smith & Dros. Typewriter Co	T oborotowy one and	70
	882	do	James G. Biddle		183
	883	do	Library Bureau	rurniture	88
	884	do	General Fireproofing Co	do Building material	50
	885	do	S. E. Huff & Co	Building material	36
	886	do	U. of I. Supply Store	Furniture	16
	887	do	P. D. Foster	do	216
	888	do	P. D. Foster Woldenberg & Schaar	Laboratory apparatus.	36
	889	do	Lyon Metallic Mfg. Co	Furniture	60
	890	do	C. A. Kiler	do	26
		Anr 4	Pow roll	March 1014	193
	OAT	Apr. 4	Candlook Charles	March, 1914	, 120
		1	Gundloch, Charles. Long, R. Roy.	Wages, March, 1914 \$77 67	J
	000	l	Long, R. Roy	D1 46 20	
	892	Apr. 8	Т. H. F100d & Co	B00KS	1 23 45
	893	do	L. C. Smith & Bros. Typewriter Co	Omce snipment	45
	894	do	O. E. Staples, Bursar	Student labor	48
	895	do	The Field & Shorg Co	Plumbing supplies	48 487
	896	do	Illinois State Penitentiary	Furniture.	12
	897	do	Shore Instrument & Mfg Co	Laboratory apparatus	54
	898	do	Gundloch, Charles Long, R. Roy. T. H. Flood & Co. L. C. Smith & Bros. Typewriter Co. O. E. Steples, Bursar The Field & Shorg Co. Illinois State Penitentiary. Shore Instrument & Mfg. Co. The Citator Publishing Co. Automatic Electric Co.	Books	64
	899	40	Automatia Floatria Co	Coneral cumplies	26
		do	LTT THE PARTY OF THE COLUMN TO THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN THE COLUMN TH	.   u onorar suppries	1 20

1	No.	Date.	To whom.	For what.	Amount
		1914.	.,		
ğ	900 901	Apr. 8	Goder-Heiman Co. Peck & Hills Furniture Co.	Laboratory apparatus	\$ 14 20
	901	do	C. A. Kiler	Furnituredo.	7 8 45 8
ž	903	do	R. C. Wagner & Son	General labor	4 0
Š	904	do	Alexander Lumber Co.	. Building material	128 0
Э	905	do	The Burr Co	do	1 5
2	906	Apr. 9	Jno. B. Bennett	Drains	8 5
۲	907 908	do	Harris-Dinavou & Co	Fivtures	3 5 30 5
ή.	909	do	Automatic Electric Co	Telephone apparatus	27 5
Ś	910	do	Peck & Hills Furniture Co	Furniture.	4.5
2	911	do	Illinois State Penitentiary	. do	5 0
2	912	do	Illinois State Penitentiary	.]do	4 5
ì	913	do	U. 01 1. Supply Store		41 6 108 0
į	$\frac{914}{915}$	ao	The Burr Co	Ruilding material	176 4
í	916	Apr. 13	Pay roll	April 1914	938 3
	010	12,511	Havens, Charles	Salary, April, 1914 \$120 00	"
			Murphy, Morris	do	
			Oberdorfer, H. D.	. do 208 33	
,		,	Peel, Elizabeth C	- do	
			DHOWERS, T. J	125 00	
			Peck & Hills Furniture Co. C. A. Kiler. R. C. Wagner & Son. Alexander Lumber Co. The Burr Co. Jno, B. Bennett. Harris-Dillavou & Co. Walker & Mulliken. Automatic Electric Co. Peck & Hills Furniture Co. Illinois State Penitentiary. U. of I. Supply Store. Illinois State Penitentiary. U. of I. Supply Store. Illinois State Penitentiary. The Burr Co. Pay roll. Havens, Charles. Murphy, Morris. Oberdorier, H. D. Peel, Elizabeth C. Showers, T. J. Twoen, L. J. Wright, G. E. Pay roll. Burt, Paul White, J. M. Kelley, R. L. (Student). Rice, G. B. Carson, H. Y. G. E. Stechert & Co. C. A. Kiler. Mittendorf & Kiler. Mittendorf & Kiler. Mittendorf & Kiler. Mittendorf & Kiler. Mittendorf & Kiler. Mittendorf & Kiler. Mutmetic Electric Co.		
,	917	Apr. 13	Pay roll	April. 1914	1,041 66
			Burt, Paul	. Salary, April, 1914 150 00	
			White, J. M	. do	
			Kelley, R. L. (Student)	- do 100 00	· ·
			Rice, G. B.	- 00	
,	918	Apr 17	G E Stochart & Co	Rooks	76· <b>3</b> 6
í	919	do	C. A. Kiler	Furniture	40 50
)	920	do	Mittendorf & Kiler	do	83 89
,		do	Automatic Electric Co	do	65 50
2	922	do	Walker & Mulliken	. F1Xtures	30 50
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	923	do	Peck & Hills Furniture Co	Furniture Electrical material	130 98 9 40
,	$\frac{924}{925}$	do	Western Electric Co	Electrical material	50 76
í	926	do	Smith-Totman Co	Furniture. Building material	169 84
į	927	do	Smith-Totman Co. O. E. Staples, Bursar.	Student labor	10 20
)	928		C. H. Brownell	. Building changes	285 00
;	929	do	R. C. Wagner & Son	Building material	25 00
;	930	do	Howe Scale Co. of Illinois	Farm machinery	35 35
į	$931 \\ 932$		U. of I. Supply Store	Furniture	74 75 60 45
í	933	do	U. of I. Supply Store. Hall Safe Co. Eimer & Amend.	Laboratory apparatus.	28 00
	934	do	E. R. Welshly. T. H. Flood & Co.	Furniture	20 00
!	935	do	T. H. Flood & Co	Books	20 27
	936				4 50
	937	do	S. Druckerman		2 16
	938 939	do	Library Burgon	do	15 00 101 75
	940	do	S. Druckerman. Toledo Metal Furniture Co. Library Bureau U, of I. Supply Store. The Inner Braced Furniture Co.	do	43 16
,	941	Apr. 24	The Inner Braced Furniture Co	do	3 60
;	942	do	H. J. Bool Co.	Lockers	142 00
	943	do	G. S. Moler	.   Furniture	85 00
	944	do	Reliable Plumbing & Heating Co Crane Co	Range boiler	14 40
	945	do	Lamp Equipment Division of Genera	Building materials	15 91
	946	ao	Electric Co	Geryk pump cylinder	47 50
	947	do	Library Bureau	Filing cases	35 00
	948	do	Library Bureau English Brothers	Filing cases	668 73
	949	ao	N. H. Shields	do	702 19
	950	do	Reliable Plumbing & Heating Co	Contract, etc	157 79
	951	do	Taber Pump Co. George B. Rice.	Machinery	24 50
	952 953	Apr. 29	Automotic Floatric Co	Traveling expenses	19 28 96 20
	954	do	Automatic Electric Co	Rooks	27 00
	955	do	The Peoria Stone & Marble Works		
	956	do	E. H. Sargent & Co	Laboratory apparatus	22 05 148 00
	957	do	G. W. Prutsman	Payment on contract	1,000 00
	958	do	Western Slate Co	Table top	18 00
	959	do	D. H. Newhall The Pilgrim Press	Books	12 75
		do	G Schirmor Tre	- a0	4 18
		do	William Dickinson Koon	do	4 19 15 10 12 50
		do	N. J. Bartlett & Co.	do	29 97
		do	G. Schirmer, Inc William Dickinson Keep N. J. Bartlett & Co. Williams Book Store, Inc.	do.	29 97 22 50
				do	13 50

N	٧o٠	Date.	To whom.	For what.	Amour
		1914.	Frederick Loesser & Co Geo. C. Maynard The H. W. Wilson Co George Emery Littlefield The Wabash R. R. Co., Urbana Art Metal Construction Co R. G. Wright & Co International Instrument Co Eimer & Amend W. W. Coblentz Weston Electrical Instrument Co E. H. Sargent & Co G. E. Stechert & Co J. Terquem A. C. McClurg & Co The Boston Book Co G. E. Stechert & Co G. E. Stechert & Co Statute Law Book Co Charles Mollet G. E. Stechert & Co The Boston Book Co G. E. Stechert & Co Statute Law Book Co G. E. Stechert & Co The Boston Book Co G. E. Stechert & Co Statute Law Book Co G. E. Stechert & Co The Boston Book Co G. E. Stechert & Co Than Book Co Co Statute Law Book Co G. E. Stechert & Co Than Book Co The Boston Book Co The Boston Book Co Americus Book Co Milliam Wesley & Son G. E. Wagishanser G. E. Stechert & Co S. E. Huff Westinghouse Electric & Mfg. Co Federal Steel Fixture Co Federal Steel Fixture Co Federal Steel Fixture Co S. E. Huff Westinghouse Electric & Mfg. Co L. Wagishanser The Barber Asphalt Paving Co Urbana & Champaign R. R., Gas & Electric Co H. Mueller Mfg. Co H. Mueller Mfg. Co		
,	966	Apr. 29	Frederick Loesser & Co	Books	\$ 1
	967	do	Geo. C. Maynard	do	13
,	968	do	The H. W. Wilson Co.	do	13
i	969	do	George Emery Littlefield	Enoight	19 10
•	$970 \\ 971$	ao	Art Motel Construction Co.	Chelyrog	30
	072	do	P G Wright & Co	Laboratory apparatus	130
	972 973	do	International Instrument Co	do	130 165
	974	do	Eimer & Amend	do	14
	975	do	W. W. Coblentz	do	83
;	976 977	do	Weston Electrical Instrument Co	do	343
	977	do	E. H. Sargent & Co	do	343 36
	978	do	G. E. Stechert & Co	Books	311
	979	do	J. Terquem	do	77 13
	980	do	A. C. McClurg & Co.	do	13
	981 982 983 984	do	The Arthur H. Clark Co	do	5 317
	982	do	The Boston Book Co	00	317
	900	do	Ctotata Lorr Pook Co	00	565 720
	985	uo	Charles Mollet	Laboratory apparatus	334
	986	do	G E Stechert & Co	Books	118
	987	Apr 30	Yawman & Erba Mfg Co	Furnitura	30
	988	do	Remington Typewriter Co	Typewriter	39 42 25
	989	do	Frank J. Warne	Books.	25
	990	do	Goodspeed's Book Shop	do	6 8 7
	991	do	The Arthur H. Clark Co.	do	8
	992	do	The Boston Book Co	Book	. 7
	993	do	Americus Book Co	Books	3
	994	do	William Wesley & Son	do	146 101
	995	do	G. E. Wagishanser	do	101
	996	do	G. E. Stechert & Co	do	170
	997	do	A. C. McClurg & Co	do	19
	998	ao	G. E. Stechert & Co		426 45
	999 1000	may 7	Cointife Materials Co	Cog opposition	85
	1000		Federal Chal Firsture Co	Ctool abolizing	93
	1001 1002		Todorol Stool Fixture Co	Lookorg and shalving	200
	1002	uo	S E Haff	Building meterial	200
	1004	40	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	7 338
- 1	1005	do	S. W. Schneck	Museum specimens	300
-	1005 1006	do	Remington Typewriter	Office equipment	60
	1007	do	Remington Typewriter Co.	do	35
	1008	do	G. E. Wagishanser	Museum specimens	301
- :	1009 1010	do	The Barber Asphalt Paving Co	Building materials	301 4
:	1010	do	Urbana & Champaign R. R., Gas & Elec-	, ,	
			tric Co	do	23
- 3	$1011 \\ 1012$	do	Automatic Electric Co	Telephone supplies	12 262
	1012	May 8	H. Mueller Mfg. Co	Laboratory apparatus	262
:	1013	do	Bausch & Lomb Optical Co	Dell'dian annual de	319
:	1014 1015	qo	The Chee A TI-11 TI1 C-	building apparatus	7 31
:	1016	00	Tibrony Dances	Esperiture and first and	30
٠:	1017	uo	Twon Matallia Mfg. Co.	do	18
	1018	do	II of I Supply Store	do	1 9
	1019	do	Fairbanks, Morse & Co	Laboratory apparatus	115
	1020	May 11	Fairbanks, Morse & Co	Farm machinery	115
1	1021	May 14	Pay roll.	May, 1914.	1,041
			Burt, Paul	Salary, May, 1914 \$150 00	•
			Kelley, R. L. (Student)	do 100 00	
			Rice, G. B.	do	
			White, J. M	do 416 66	
			Carson, H. Y	do 125 00	
]	1022	do	Pay roll	May, 1914	923
			Havens, Charles	Salary, May, 1914 \$120 00	
			Murpny, Morris		
			Operdorier, H. D		
			Towns T. T	125 00	
			Rover Vere	do 20 00	
			Wright C F	do 195 00	
1	1022	May 15	Pay roll	May 1014	12
	1023 1024 1025	Tago 10	O. E. Stanles, Bursar	Student labor	40
:	1025	- do	C. A. Kiler	Furniture and fixtures	40 36
:	1026	- do	Smith-Totman Co	Building materials	31
i	1026 1027	do	Mittendorf & Kiler	Furniture and fixtures	35
- 1	1028	do.	N. H. Shields	Contract	3, 394
:	1029	May 16	The Barber Asphalt Paving Co. Urbana & Champaign R. R., Gas & Electric Co. Automatic Electric Co. H. Mueller Mfg. Co. Bausch & Lomb Optical Co. Ideal Electric Co. Hatel Electric Co. Library Bureau. Lyon Metallic Mfg. Co. U. of I. Supply Store. Fairbanks, Morse & Co. Fairbanks, Morse & Co. Fairbanks, Morse & Co. Burt, Paul. Kelley, R. L. (Student) Rice, G. B. White, J. M. Carson, H. Y. Pay roll. Havens, Charles. Murphy, Morris. Oberdorfer, H. D. Showers, T. J. Towne, L. J. Beyer, Vera. Wright, G. E. Pay roll. O. E. Staples, Bursar C. A. Kiler Smith-Totman Co. Mittendorf & Kiler N. H. Shields Alexander Lumber Co. T. H. Flood & Co. L. Wolff Mfg. Co.	General supplies	3,394 547
- :	1930	do	T. H. Flood & Co.	Book.	69
	1031				19

No.	Date.	Library Bureau  Geo. B. Carpenter. R. W. L. Tibbits King's Printer. George I. Jones. C. A. Kiler. Eimer & Amend. E. H. Sargent & Co. General Electric Co. F. W. Mateer & Co. George M. Clark & Co. General Electric Co. Neptune Meter Co. Neptune Meter Co. Neptune Meter Co. Ceneral Electric Co. Neptune Meter Co. O. Con General Electric Co. Neptune Meter Co. Library Store. Pay roll. L. B. Malechi & Co. W. W. Blake. William J. Gerhard. Goodspeed's Book Shop Julius Kuhlman L. D. Seabrook Chwers Book Binding Co. New York Evening Post. American Bar Association. The American Law Book Co. A. C. McClurg & Co. T. H. Flood & Co. Statute Law Book Co. McDevitt Wilson. Americos Book Co. The Boston Book Co. The Arthur H. Clark Co. The Boston Book Co. G. E. Stechert & Co. The American Contractor Publishing Co. Fairbanks, Morse & Co. Engineering News. The American Contractor Publishing Co. Remington Typewriter Co. Harris Dillavou & Co. Illinois Central R. R. Co. C. H. Brownell. Western Electric Co. General Electric Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. Ch. E. Stechert & Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. Ch. E. Stechert & Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. Ch. E. Stechert & Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. A. C. McClurg & Co. Ches & Mulliken. A. C. McClurg & Co. Ches Lectric Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. Belectric Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Walker & Mulliken. Belectric Co. The Burr Co. Library Bureau H. W. Johns Manville Co. Western Electric Co. The Burr Co. Deneral Electric Co. Beneral Electric Co. Beneral Electric Co. Beneral Electric Co. Beneral Electr	For what.	Amour
	1914.			
1032	May 16	Library Bureau	Office equipment	\$ 37 14 8
1033	do	Geo. B. Carpenter	Furniture and fixtures	14
1034 1035	do	George I Topos	Books	91
1036	do	C A Wiler	Furniture and fixtures	246
1034 1035 1038 1039 1038 1039 1040 1041 1042 1045 1046 1047 1048 1050 1051 1050 1051 1050 1051 1051 105	do	Eimer & Amend	Laboratory supplies	21 246 187
1038	do	E. H. Sargent & Co.	.do	189 33
1039	do	General Electric Co	Office equipment	33
1040	do	F. W. Mateer & Co	Laboratory apparatus	15 48
1041	do	George M. Clark & Co	do	48
1042	do	General Electric Co	do	200 262 107 7
1043	ido	Neptune Meter Co	do	262
1044 1045		The Burn Co	Office equipment	107
1046	do	I of I Cupply Store	Furniture and furtures	79
1047	do	Pay roll	May 1014	16
1048	May 18	L B Malechi & Co	Books	32
1049	do	W. W. Blake	do	12
1050	do	William J. Gerhard	do	10
1051	do	Goodspeed's Book Shop	do	33
1052	do	Julius Kuhlman	do	22
1053	do	I. D. Seabrook	do	21
1054	do	Chwers Book Binding Co	do	73 16 32 12 10 33 22 21
1055	do	New York Evening Post	do	1 2 12 860 162 8 38 47 13 6
1056	do	American Bar Association	do	2
$\frac{1057}{1058}$	do	The American Law Book Co	do	12
1058	do	A. C. McClurg & Co	do	860
1059	do	T. H. Flood & Co	do	162
1060	do	Statute Law Book Co		8
$\frac{1061}{1062}$	do	McDevitt Wilson	00	38
1062		Who Anthur II Clark Co	00	12
1064		The Regton Rook Co	do	10
1065	do	G E Stachart & Co	do	990
1066	40	The Lawyers Connerative Publishing Co	do	5
1067	May 19	Fairbanks, Morse & Co	Scales	1,150 36
1068	do	Engineering News	Advertising	36
1069	do	The American Contractor Publishing Co.	Advertising	36
1070	do	Putnam Page Co.	Edison machines	36 196
1071 1072 1073	do	Remington Typewriter Co	Typewriter	40
1072	do	Harris Dillavou & Co	Sand	196 40 10 117 93 110 65
1073	do	Illinois Central R. R. Co	Freight	117
1074	do	C. H. Brownell	Partitions	93
1075	May 20	Western Electric Co	Electrical apparatus	110
1076	do	General Electric Co	Laboratory apparatus	65
1077	do	The Burr Co	Building materials	193
1078 1079	do	Library Bureau	Furniture and fixtures	757 17
1080	do	H. W. Johns Manville Co	Building materials	101
1081	Mor 99	A C McClurg & Co	Pooks	121 48
1082	May 22	G E Stechert & Co	do	288
1083	do	The Franklin Bookshop	do	200
1084	do	Automatic Electric Co	Office equipment	288 20 27
1085 1086	do	The Burr Co.	Building materials	16
1086	do	Putnam Page Co	Office equipment	16 201
1087	do	The Western Electric Co	do	30
1088	do	Springfield Boiler & Mfg. Co	Laboratory apparatus	140
1089	do	The Arthur H. Clark Co	Books	206
1090	do	Twin City Roofing & Sheet Metal Works	Contract	206 629 218
1091	May 23	Bausch & Lomb Optical Co	Laboratory apparatus	218
1092	do	Ernst Leitz		218 166 261 12 43 23 129 44
$\frac{1093}{1094}$	0	Automotic Electric C:	Concrel gamplies	201
1094		Mandal Brothers	Tobles tray atc	12
1096	Mov or	A C McClurg & Co	Booke	35
1097	do 20	Chas I Welch	Tunnel	120
1098	do	Peck & Hills Furniture Co	Furniture and fixtures	44
1099	do	Walker & Mulliken	do.	15
1100	May 27	Bell & Howell Co.	Laboratory apparatus.	286
1101	do	Western Electric Co	Furniture and fixtures	30
1102	do	Ernst Leitz	Laboratory apparatus	$\overline{52}$
1103	do	Peck & Hills Furniture Co	Furniture and fixtures	13
1104	do	Spencer Lens Co	Laboratory apparatus	187
1105	do	G. E. Stechert	Books	2
1106	.do	Reliable Plumbing & Heating Co	Contract	729
1107	do	Eugene Dietzgen	Furniture and fixtures	15
1108	do	Illinois Electric Co	General supplies	286 30 52 13 187 2 729 15 5 12
1109	do	Bennetts Magazine Agency	Books	12
1110	1 1 -	Conoral Floatria Co	Laboratory apparatus	i 99

No.	Date.	To whom.	For what.	Amour
	1914.	, 		
2 1111	May 28	Library Bureau	Furniture and fixtures	\$ .3
0 1112	do	American Fruits Publishing Co The Inner Braced Furniture Co	Books.	1
1113	do	The Inner Braced Furniture Co	Furniture and fixtures	3
1114	do	General Electric Co. Caxton School Supply Co.	Laboratory apparatus	34
2 1115	do	Caxton School Supply Co	Furniture and fixtures	54
1116	do	Walker & Mulliken	do	4
1117	do	Tobey Furniture Co	do	61
1118	do	Central Scientific Co	Laboratory apparatus	32
1119	do	G. E. Stechert	Books	_3
1120	do	E. Bartholomew. James B. Clow & Sons.	do	75
1121	do	James B. Clow & Sons	General supplies	134
1122	do	The Science Press	Books	. 5
	May 29	G. E. Stechert & Co	do	2,327
1124	do	Geo. B. Carpenter	Tools	24
1125	May 30	U. of I. Supply Store	Books	1
1126	do	International Magazine Co	do :	38
1127	do	J. Fischer & Bro. The Johns Hopkins Press Frank Bender	do	4
1128	do	The Johns Hopkins Press	Reprint	2
1129	do	Frank Bender	Books.	$\bar{2}$
1130	do	The Arthur H. Clark Co	do	15
1131	do	William I Carbord	do	$\overline{25}$
1132	do	The Bibliopole G. E. Stechert & Co G. E. Stechert & Co G. E. Stechert & Co	do	20
1133	do	G F Stochart & Co	do	355
1134	do	A C McClure & Co	do	17
1135	do	G. T. Ctackent & Co.		63
1136	do	G. E. Stechert & Co		74
	June 1	Geo. C. Maynard. G. W. Prutsman.	C 15	
1137	do	G. W. Prutsman	Grading	697
1138	do	W. T. Lawderville & Co	B00KS	28
1139	do	Chas. E. Lauriat Co	do	. 2
1140	do	A. C. McClurg & Co	do	855
1141	do	G. E. Stechert & Co	[do	595
1142	June 2	Illinois State Register	Incidentals	65
1143	do	Wabash R. R	Freight	48
1144	do	Wabash R. R. The Burr Co.	Building materials	9
1145	do	Statute Law Book Co	Books	217
1146	June 3	The Cadmus Book Shop	do	39
1146 1147 1148	do	G. E. Stechert & Co. Lemcke & Buechner	do	40
1148	do	Lemcke & Buechner	do	59
1149	do l	A C McClurg & Co	l do	88
1150	do	The Morris Book Shop	do	8
1151	do	The Morris Book Shop U. P. James, Bookseller The Arthur H. Clark Co.	do	2
1152	do	The Arthur H. Clark Co	do	2
1153 1154	do	The International Magazine Co	Magazine	35
1154	June 4	The International Magazine Co	do	50
1155	ا مة	Statuta Low Book Co	l do	12
1156	do	The Boston Book Co. Pay roll Havens, Charles. Murphy, Morris. Oberdorfer, H. D.	do	5
1157	June 6	Pay roll	Tuna 1914	923
	ouno o	Hayans Charles	Salary June 1914 \$120 00	0.20
		Murnhy Morrie	do 110 00	_
		Obordorfor H D	do 200 33	
		Charrens M T	.do	
		Morros T T	do	
		Down Vore	1/5 00	
		Deyer, vera	do	
1150	ا . ا	Oberdorier, H. D. Showers, T. J. Towne, L. J. Beyer, Vera. Wright, G. E. Pay roll Burt, Paul. Kelley, R. L. (Student) Rice, G. B. White, J. M. H. B. Boyer.	do	010
1158	do	Pay roll	June, 1914	916
i	į	Burt, Paul	Salary, June, 1914 150 00	
	ĺ	Kelley, R. L. (Student)	do 100 00	
i	ļ	Rice, G. B	do 250 00	
	1	White, J. M	do 416 66	
	June 9	II B Bovor	City lote	6, 224

<sup>\*</sup> C 1154 to C 1161, inclusive, transferred to operation, maintenance and equipment for June.

#### WATER SURVEY VOUCHERS.

w	1	1913. July 21	Pay roll			s :	20 00
**	•	July 21	Pay roll Harnack, Carman	Salary, July, 1913	\$55 00	<b>4</b> 2	20 00
			Hart, Eliza.	do	35 00 45 00		
			Jester, Marie. Johnson, J. J.	do	45 00		
			McMullin, Jane.	-do	40 00		
w	2	do	Pay roll			1,0	21 66
			Bartow, Edward	Salary, July, 1913	291 66	•	
			Corson, H. P. Ferguson, H. F.	do	100 00 60 00		

#### WATER SURVEY VOUCHERS-Continued.

N	0.	Date.	To whom.	For what.	Amount
		1913.			
N	2	July 21	Hansen, Paul	Salary, July, 1913 \$250 00	
C	ld.		Hilscher, Ralph	-do 100 00 -do 00 00 -do 100 00 -do 100 00 -do 100 00 Traveling expenses	
			Hinds, M. E	do 60 00	
		1	Langlier, W. F	do 100 00	
**	0	T-1- 00	Mohlman, F. W	do60 00	0 49 1
V	3 5	July 23	V. R. Fleming	Traveling expenses	\$ 43 1 303 3
V	9	Aug. 21	Harnoel Cormon	Salary, August, 1913 75 00	909 9
			Hart Eliza	do	
			Jester Marie	do	
			Johnson, J. J.	do	
			McMullin, Jane	do 60 00	
V	6	do	Pay roll		961 6
			Bartow, Edward	do	
			Corson, H. P	100 00	
			Ferguson, H. F	do	
			Hansen, Faul	do	
			Langelier W F	do	
		ļ	Mohlmann F W	do	
V	7	Sept. 22	Pay roll (employees under civil service)		874 9
		-14 22	Bartow, Edward.	Salary, September, 1913 333 33	
			Corson, H. P.	do	
		İ	Hansen, Paul	do 291 66	
,	_	١	Hansen, Paul Hilscher, Ralph Hinds, M. E. Langlier, W. F. Mohlman, F. W. V. R. Fleming Pay roll Harnack, Carman Hart, Eliza Jester, Marie. Johnson, J. J. McMullin, Jane Pay roll Bartow, Edward Corson, H. P. Ferguson, H. F. Hansen, Paul Hilscher, Ralph Langelier, W. F. Mohlmann, F. W. Pay roll Bartow, Edward Corson, H. P. Hansen, Paul Hilscher, Ralph Langelier, W. F. Mohlmann, F. W. Pay roll (employees under civil service) Bartow, Edward Corson, H. P. Hansen, Paul Hilscher, Ralph M. C. Sjoolom Ralph Hilscher F. W. Mohlman	.do	
,	.8	Oct. 1	M. C. Sjoblom	Traveling expenses	6 7 22 9
7		do	Raiph Hilscher	do	22 8
7	$\frac{10}{11}$	ao	Ralph Hilscher F. W. Mohlman W. F. Langlier O. E. Staples, Bursar	ao	6 2 42 7 1 6
7	12	Oot	W. F. Langiler	do. Express bills paid in cash General supplies Meat.	1 1 6
7	13	Oct. 6	B. A. Strauch	Canaral cumpliag	1 1 8
7	14	_do	B. A. Strauch' Walter W. and E. D. Hanes' Meat Market A. Kroch & Co Twin City Ice & Cold Storage Co. Bausch & Lomb Optical Co. Walter W. & E. D. Hanes' Meat Market Twin City Ice & Cold Storage Co. The Beck Duplicator Co. International Press Clipping Bureau Western Felt Works. Irving Pitt Mig. Co. A. Kroch & Co. Keuffel & Esser Co. of New York Pay roll	Meat	1 8 1 8
T	15	do	A. Kroch & Co.	Books.	5
r	16	do	Twin City Ice & Cold Storage Co	General supplies	4 (
7	17	do	Bausch & Lomb Optical Co	Laboratory apparatus Laboratory supplies.	10 9
7	18	Oct. 16	Walter W. & E. D. Hanes' Meat Market	Laboratory supplies	3 2
7	19	do	Twin City Ice & Cold Storage Co	do	4 9
VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	20	do	The Beck Duplicator Co	Office supplies. Clippings. Laboratory apparatus. Office supplies. Books. Office supplies	2 2
7	21	do	International Press Clipping Bureau	Clippings	48 0 5 0 48 0 2 0 4 5 13 7
7	22	Oct. 18	Western Felt Works	Laboratory apparatus	48 (
7	22 23 24		A Troch & Co	Pools	1 4
7	25	do	Kauffal & Essar Co. of Naw York	Office supplies.	13 7
7	25 26	do	Pay roll	Omco supplies	1, 454 9
			Bartow, Edward.	Salary, October, 1913 \$333 33	,
			Corson, H. P.	do	
			Ferguson, H. F	do	
411			Hanford, W. W	do	
			Hansen, Paul	do	
			A. Kroch & Co. A. Kroch & Co. Pay roll Bartow, Edward. Corson, H. P. Ferguson, H. F. Hanlord, W. W. Hansen, Paul Hilscher, Ralph Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schenllbach, J. F. Sjoblom, M. C. Tanner, F. W. Pay roll (employees under civil service). Hart, Eliza Hetro, Leona E. Jester, Marie. Johnson, J. J. McMullen, Jennie B Illinois Society of Engineers & Surveyors Knowlton & Bennett H. F. Ferguson. Twin City Printing Co.	125 00	
			Huanink H I.	70 00	
			Mohlman, F. W	do 70.00	
			Schenlibach, J. F.	do 75 00	
			Sjoblom, M, C.	do	
			Tanner, F. W.	do	
	27	do	Pay roll (employees under civil service)		246
			Hart, Eliza	Salary, October, 1913 41 66	
			Hetro, Leona E	do 50 00	
			Jester, Marie	do 55 00	
			Jonnson, J. J	do 50 00	,
	90	Oct. 20	McMullen, Jennie B.	ao 50 00	
	28 29	do	Unowlton & Ronnett	Close	6
	30	Oct 24	H F Forguson	Glass Traveling expenses	1 16
	31	do. 24	Twin City Printing Co	Stamp	. 10
	32	do	O. E. Staples, Bursar	Stamp Sundry bills paid	5
	33	do	Cloyde Smith	Wages	66
•	34	Oct. 25	The 3-H. Mfg. Co.	Laboratory apparatus	102
•	35 36	Oct. 27	Central Union Telephone Co	Exchange service	102 ( 12 (
	36	do	B. A. Strauch	Wages Laboratory apparatus Exchange service Prints	2 8
	37	do	E. M. Moll	Supplies Padding paper Cases	$\frac{2}{1}$
	38	do	Flanigan-Pearson Co	Padding paper	
	39	do	Hunter, Rourke & Co	Cases	40 (
	40	do	M. S. Kibbe	Laboratory apparatus	4 (
	41	do	Knowlton & Bennett. H. F. Ferguson. Twin City Printing Co. O. E. Staples, Bursar. Cloyde Smith. The 3-H. Mfg. Co. Central Union Telephone Co. B. A. Strauch. E. M. Moll. Flanigan-Pearson Co. Hunter, Rourke & Co. M. S. Kibbe. Spaulding, C. E.	Laboratory apparatus. Salary, September and October, 1913.	***
		0.4 00	II.	1913	120 (
	$\frac{42}{43}$	Oct. 28 Nov. 6	Harry F. Ferguson	Traveling expensesdo	22 8 77 0
			W. V. 630010M		77 (

### WATER SURVEY VOUCHERS-Continued.

N	0.	Date.	To whom.	For what.	Amoun
		1913.	To whom.  Irving-Pitt Mfg. Co Ralph Hilscher. G. C. Willis. Spaulding & Quirk. O. E. Staples, Bursar Pay roll (Employees under civil service) Bartow, Edward. Corson, H. P. Ferguson, H. F. Hanford, W. W. Hansen, Paul. Hilscher, Ralph. Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schnellbach, J. F. Sjoblom, M. C. Tanner, F. W. Pay roll (Employees under civil service). Hart, Eliza. Herto, Leona E. Jester, Marie Johnson, J. J. McMullen, Jennie B. Ralph Hilscher. Paul Hansen. Illinois State Reformatory. Yawman & Erbe Mfg. Co. W. W. & E. D. Hanes Meat Market. O. E. Staples, Bursar Twin City Ice & Cold Storage Co. G. C. Willis. Taylor Hardware Co. Wiley & Sons. J. Bishop & Co. Platinum Works. W. F. Langelier. Western Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Gentral Union Telegraph Co. Hilling Co. Taylor Hardware Co. Le Staples, Bursar Ralph Hilscher. Whitall-Tatum Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co. Hilling Co. Taylor Hardware Co.	•	
V	44	Nov. 6	Irving-Pitt Mfg. Co	Office supplies	\$ 48
V	45	do	Ralph Hilscher	Traveling expenses	16
V	46	do	G. C. Willis	Sheeting	2
Ţ	47	do	Spaulding & Quirk	Laboratory supplies	2 8
7	48	Nov. 8	O. E. Staples, Bursar	Office expense bills	16
-	49	Nov. 14	Pay roll (Employees under civil service)	November, 1913	1,454
			Bartow, Edward	Salary, November, 1914 \$333 33	
			Corson, H. P.		
			Henford W W	. do	
			Hanson Poul	do 201 66	
			Hilschar Ralph	do 125 00	
			Hinds, M. E	do 70 00	
			Huenink, H. L.	do	
		í	Mohlman, F. W.	do	
			Schnellbach, J. F.	do	
			Sjoblom, M. C.	. do	
			Tanner, F. W.	. do 70 00	
T	50	Nov. 14	Pay roll (Employees under civil service).	November, 1913	246
			Hart, Eliza	Salary, November, 1913   41 66	
			Herto, Leona E	. do	
		Jester, Marie	. go		
			Johnson, J. J	. do 50 00	
	51	Nov. 15	Delah Hilashan		^
	$\frac{51}{52}$	do	Raul Hanson	Traveling expenses	9
	53	Nov. 20	Illinois State Deformatory	Tottorhoods	. 36
	54	do	Yawman & Erhe Mfg Co	Guides	. 30
•	55	do	W W & E D Hanes Meat Market	Hamburg	2
•	56	do	O E Stanles Bursar	Express hills noid	1
•	57	do	Twin City Ice & Cold Storage Co	Ice hook	$\frac{1}{4}$
	58	do	G. C. Willis	Bats cotton	5
•	59	do	Taylor Hardware Co	Wrapping paper	ĭ
	60	do	Wiley & Sons	Books.	7
	61	do	J. Bishop & Co. Platinum Works	Platinum dishes	444
	62	do	W. F. Langelier	Traveling expenses	30
	63	. do	Western Union Telegraph Co	Message	
	64	do	Gentral Union Telephone Co	Service (toll)	1
	65	Nov. 24	Harry F. Ferguson	Traveling expenses	60
	66	do	McGraw-Hill Book Co., Inc	Forms, lettering	1
	67	Nov. 29	Norton Co	Crucibles	1
	68 69	do	O. E. Staples, Bursar	Express bills, etc	.5
	70	do do Dec. 8	Delah Hilashan	Office expense	42 15
	71	Dec. 8	Whitell Tetum Co	Traveling expenses	45
	71 72 73	do	Toylor Hardware Co	Laboratory apparetus	12
	73	do	Edward Bartow	Traveling expenses	37
	74	do	Pay roll (Employees under civil service)	December 1913	255
			Hart. Eliza	Salary, December, 1913 50 00	200
			Hetro, Leona E	-do50 00	
	ĺ		Jester, Marie	do	
			Johnson, J. J.	do	
		_	McMullen, Jennie B	do 50 00	
	75	do	Pay roll	December, 1913	1,514
			Bartow, Edward	Salary, December, 1914. 333 33	
			Corson, H. P.	do	
	l		rerguson, H. F.	do 90 00	
		j	Hamord, W. W.	ao	
	1		Hilseher Polph		
	1		Hinde M F	125 00	
			Huanink U I.	70 00	
	ı		Mohlman F W	do 70 00	
			Schnellbach I F	do 75 00	
	- 1	l	Sioblom, M. C	do 75.00	
	- [		Spalding, C. H	do 60 00	
			Tanner, F. W	-do	
	76	Dec. 11	International Press Clipping Bureau	Clippings	5
	77	do	E. H. Sargent & Co.	Laboratory apparatus	í
	78	do	D. Van Nostrand Co	Water	1
	79	do	Henry McGlade.	Wire baskets	$\hat{3}$
	80	do	Twin City Ice & Cold Storage Co.	Ice book	4
	81	do	W. Lewis & Co.	Felt	
	82	do	Jester, Marie Johnson, J. J McMullen, Jennie B Pay roll Bartow, Edward Corson, H. P Ferguson, H. F Hanford, W. W Hansen, Paul Hilscher, Ralph Hinds, M. E. Huenink, H. L Mohlman, F. W Schnellbach, J. F Sjoblom, M. C. Spalding, C. H Tanner, F. W International Press Clipping Bureau. E. H. Sargent & Co. D. Van Nostrand Co. Henry McGlade. Twin City Lee & Cold Storage Co. W. Lewis & Co. Paul Hansen Postal Telegraph Cable Co. Western Union Telegraph Co. J. W. Butler Paper Co.	Traveling expenses.	18
	83	Dec. 12	Postal Telegraph Cable Co	Service	10
	84	do	Western Union Telegraph Co	do	1
	85 l	do l	T W Dardley Develop	Drinting	$1\overline{8}$

#### WATER SURVEY VOUCHERS—Continued.

No	0.	Date.	To whom.	For what.	Amour
		1913.			
7	86		Western Society of Engineers	Printing.	\$ 8
	87	do	E. H. Sargent & Co	Laboratory apparatus	17
Ţ	88	ob i	W W & E D Hangs	Laboratory supplies	3
V	89	do	Illinois Glass Co	do	9
r	90	Dec. 18	Ralph Hilscher	Traveling expenses	28
r	$\frac{91}{92}$	do	F. W. Tanner W. F. Langelier Wabash R. R Taylor Hardware Co. Keuffel & Esser & Co.	00	75
7	93	do	Wahach P P	Freight	6
T	94	do	Taylor Hardware Co	Laboratory apparatus	
r	$9\overline{5}$	do	Keuffel & Esser & Co	Office supplies	2
•	96	do	Central Union Telephone Co	Telephone and telegraph	10
-	97	Dec. 17	O. E. Staples, Bursar	Freight and express	3
•	98	Dec. 19	Western Union Telegraph Co	Service.	1
		Dec. 26	Harry F. Ferguson	Traveling expenses	29
		Dec. 30	The Western Union Telegraph Co	Service	
	101	do	The Buckeye Stamping Co	Boxes Freight	7
•	102	do	The C., C., C. & St. L. Ry. C	Freight	
	100	1914.	T 70 C 1	m1:	١
	103	Jan. 5	J. F. Schnellbach	Traveling expenses	14
	$\begin{array}{c} 104 \\ 105 \end{array}$	Jan. 6	O. E. Staples, Bursar H. W. Johns-Manville Co	Bills	3
	105	do	Philadelphia Books Co.	Furniture and fixturesLibrary books	5
	107	do	G. C. Willis	Laboratory supplies	5
	108	do	E. H. Sargent & Co	.do.	16
	109	do	G. C. Willis E. H. Sargent & Co. Walker & Mulliken Henry McGlade. Ralph Hilscher M. E. Hinds. Spalding & Quirk	Book sections	34
	110	Jan. 9	Henry McGlade	Laboratory supplies	"6
	111	Jan. 12	Ralph Hilscher	Traveling expenses	2
	112	do	M. E. Hinds.	do	1
	113	Jan. 14	Spalding & Quirk Indianapolis Engineering & Electricity	do	8
7	114	do	Indianapolis Engineering & Electricity	· · · · · · · · · · · · · · · ·	İ
			_ Co	Printing and publishing	1
	115	do	International Press Clipping Bureau	Incidentals	
	116	do	B. A. Strauch	General supplies	11
	117	Jan. 15	Pay roll	January, 1914	220
1		Hetro, Leona E	Salary, January, 1914 \$ 50 00		
	j	Jester, Marie			
			JOHRSON, J. J	do 50 00	(
			MaMullon Tone	do 15 00	1
-	118	Ton 15	Pow roll	Tanuary 1014	1, 205
	110	7an. 15	Bartow Edward	Salary January 1914 83 36	1,200
		l	Corson, H. P	-do	
			Hansen, Paul	do	
		l	Hilscher, Ralph	do	
			Ferguson, H. F.	. do 90 00	
		I	Hanford, W. W.	do 60 00	
			Hinds, M. E	do 70 00	
			Huenink, H. L	do 70 00	
			Mohlman, F. W	do	
		1	Schnellbach, J. F	do	ļ
		1	Topper F W	75 00	
٠,	110	Ton 15	O F Stoples Burger	Express hills	28
	$\frac{119}{120}$	Тап 10	F W Mohlman	Traveling expenses	26
	$\frac{120}{121}$	Jan 90	Edward Bartow	do	6
	122	Jan. 22	E. H. Sargent & Co.	Laboratory supplies	i
	123	Jan. 29	F. W. Tanner	Traveling expenses	28
	124	do	C. H. Spalding.	do.	7
	$\tilde{1}\tilde{2}\tilde{5}$	do	Central Union Telephone Co	Telephone and telegraph	12
	126	do	Western Union Telegraph Co	do	
	127	do	Western Union Telegraph Co	do.,	49
	128	Jan. 30	Western Society of Engineers	Printing and publishing	
	129	do	O. E. Staples, Bursar	Express bills	]
	130	rep. 3	Palah Hilashan	Traveling expenses	25
	131	Fob	Raiph Huscher	uo	38
	$\frac{132}{133}$	Feb. 4	O F Storles Burger	Evnracchille	13
	134	do. 7	Ralph Hilscher	Traveling expense	19
r .	135	do	International Press Clinning Rurger	Clipping service	1
	136	do	Hanes' Meat Market	Meat	l è
	137	do	Spalding & Quirk Indianapolis Engineering & Electricity Co. International Press Clipping Bureau. B. A. Strauch. Pay roll. Hetro, Leona E. Jester, Marie Johnson, J. Hart, Eliza. McMullen, Jane. Pay roll. Bartow, Edward Corson, H. P. Hansen, Paul Hilscher, Ralph Ferguson, H. F. Hanlord, W. W. Hinds, M. E. Huenink, H. L. Mohlman, F. W. Schnellbach, J. F. Sjoblom, M. C. Tamer, F. W O. E. Staples, Bursar F. W. Mohlman. Edward Bartow. E. H. Sargent & Co. F. W. Tanner C. H. Sargent & Co. F. W. Tanner C. H. Spalding. Central Union Telegraph Co. Western Union Telegraph Co. Western Union Telegraph Co. Western Society of Engineers O. E. Staples, Bursar Paul Hansen Ralph Hilscher H. F. Ferguson O. E. Staples, Bursar Ralph Hilscher International Press Clipping Bureau. Hanes' Meat Market Twin City Lee & Cold Storage Co. Eimer & Amend	Ice book	1
	138	do	Eimer & Amend	Laboratory apparatus	16
	139	Feb. 14	Pay roll.	February, 1914	541
		1	Corson, H. P.	Salary, Fébruary, 1914. 125 00	
			Hansen, Paul	do	1
			Hilscher, Ralph	do 125 00	1
7	140	Feb. 16	Ralph Hilscher	Traveling expenses	4
	141	do	Twin City Ice & Cold Storage Co. Eimer & Amend Pay roll. Corson, H. P Hansen, Paul Hilscher, Ralph Ralph Hilscher Edward Bartow U. W. & E. D. Hanes	Association dues	1
	142		III III P. T. IN III III	II.a haratary cumbiac	4

### WATER SURVEY VOUCHERS-Continued.

No.	Date.	To whom.	For what.	Amoun
	1914.	J. F. Schnellbach. Edward Bartow. Nitschke Brothers. B. A. Strauch. Eimer & Amend. D. H. Lloyde. Bausch & Lomb Optical Co. E. H. Sargent & Co. Paul Hansen. Ricketts, Hazel. Ralph Hilscher. E. H. Sargent & Co. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. O. E. Staples, Bursar. C. Willis. Harry F. Ferguson. E. H. Sargent & Co. United States Aluminum Co. D. H. Lloyde. Ralph Hilscher. J. F. Schnellbach. Wabash R. R. Co. Twin City Ice & Cold Storage Co. Pay roll. Corson, H. P. Hansen, Paul. Hilscher, Ralph. O. E. Staples, Bursar. Edward Bartow. H. P. Corson. Flanigan-Pearson Co.		
V 143	Feb. 16	J. F. Schnellbach	Traveling expenses	\$ 9
V 144 V 146 V 147 V 148 V 150 V 151 V 152 V 155 V 155 V 156 V 158 V 160 V 162 V 163 V 163 V 165 V 165	do	Edward Bartow	.do Office supplies Developing films Laboratory supplies Office equipment Laboratory apparatus Apparatus and supplies Traveling expenses Salary, February, 1914. Traveling expenses Laboratory apparatus. Sundry bills paid	33
7 145	Feb. 17	Nitschke Brothers	Office supplies	15
V 146	do	B. A. Strauch	Developing nims	1
V 147 V 148	Fob 10	D H I lovido	Office equipment	1
7 140	do. 19	Rausch & Lomb Ontical Co	Laboratory apparatus	20
V 149 V 150	do	E. H. Sargent & Co	Apparatus and supplies	20 2
7 151	do	Paul Hansen	Traveling expenses	38
7 152	do	Ricketts, Hazel	Salary, February, 1914	40 (
V 153	Feb. 25	Ralph Hilscher	Traveling expenses	30 8
V 154	do	E. H. Sargent & Co	Laboratory apparatus	8
7 155	do	O. E. Staples, Bursar	Sundry bills paid	5
7 156	Mar. 7	O. E. Staples, Bursar	do	2
7 157 7 158	Jdo	O. E. Staples, Bursar	Express ours paid	3 80 7
7 159		O. E. Staples, Bursar	Laboratory supplies	7
7 160		Harry F Farmagan	Traveling expenses	2
7 161	uo	F H Sargant & Co	Laboratory cumplies	5
7 162	do	United States Aluminum Co	do	6
V 163	do	D. H. Lloyde	Sundry bills paiddo Lexpress bills paid. Bills paid. Laboratory supplies Traveling expenses. Laboratory suppliesdo Laboratory suppliesdo Laboratory apparatus. Traveling expensedofo	48
7 164	Mar. 11	Ralph Hilscher	Traveling expense	
7 165	do	J. F. Schnellbach	do	21
166	do	Wabash R. R. Co	Freight	1
7 166 7 167	do	Twin City Ice & Cold Storage Co	Traveling expensedo. Freight Laboratory supplies March, 1914 Salary, March, 1914\$125 00 .do291 66 .do125 00 Express bills paid. Traveling expensesdo. Printing Telegraph expense Laboratory apparatus. Reprints Laboratory supplies	8
7 <b>1</b> 68	Mar. 13	Pay roll	March, 1914	541
	1	Corson, H. P	Salary, March, 1914 \$125 00	
		Hansen, Paul	do	
T 100		Hilscher, Ralph	do	
169	Mar. 17	O. E. Staples, Bursar	Express bills paid	3 48
7 170 7 171		Edward Bartow	Traveling expenses	17
7 179	do	Florigan Pagran Co	Printing	1 1/4
7 172 7 173	Mar. 19	Wastern Union Talagraph Co	Talagraph avnanca	4
7 174	do	Central Scientific Co	Laboratory apparatus	50
7 175	do	Charleston Courier	Reprints	2
7 176	Mar. 20	W. W. & E. D. Hanes	Laboratory supplies	3
V 170 V 171 V 172 V 173 V 174 V 175 V 176 V 177 V 178	do	H. F. Ferguson	Laboratory supplies Traveling expenses	17
V 178	do	Ralph Hilscher	do	3 17 29
7 179	Mar. 21	Edward Bartow H. P. Corson Flanigan-Pearson Co. Western Union Telegraph Co. Central Scientific Co. Charleston Courier W. W. & E. D. Hanes H. F. Ferguson Ralph Hilscher George E. Frazer, Comptroller G. C. Willis Receivers, Central Union Telephone Co. Irving-Pitt Mfg. Co. F. W. Tanner O. E. Staples, Bursar Paul Hansen O. E. Staples, Bursar M. C. Sjoblom W. W. & E. D. Hanes B. A. Strauch McGraw Hill Book Co., Inc. B. E. Spalding. Twin City Ice & Cold Storage Co. The Emil Greiner Co. International Press Clipping Bureau. O. E. Staples, Bursar Pay roll. Corson, H. P. Hansen, Paul Hilscher, Ralph. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Pay roll. Corson, H. P. Hansen, Paul Hilscher, Ralph. O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar O. E. Staples, Bursar Hilscher Edward Bartow Clarence Scholl H. P. Corson Pay roll Ricketts, Hazel W Steitz, Carman Harnack F. W. Tanner W. J. Smith Ernst Hertzberg & Sons O. E. Staples, Bursar Illinois Society of Engineers & Surveyors B. A. Strauch	Supplies from University store-	000
V 180	Man 99	C C Willia	Toboratory gampling	380
V 180 V 181 V 182 V 183 V 185 V 186 V 187 V 188 V 189 V 190 V 191 V 192 V 193 V 194	Mar 27	Receivers Central Union Telephone Co	Service	2
7 182	Mar. 30	Trying-Pitt Mfg Co	Office supplies	4
7 182 7 183	do	F. W. Tanner	Traveling expenses	4 15
184	do	O. E. Staples, Bursar	Sundry bills	5
7 185	Apr. 8	Paul Hansen	Traveling expenses	44
7 186	do	O. E. Staples, Bursar	Express bills paid	23 1 6 1
187	do	M. C. Sjoblom	Traveling expenses	23
7 188	do	W. W. & E. D. Hanes	Laboratory supplies	1
7 189	do	B. A. Strauch	General supplies	6
190	do	McGraw Hill Book Co., Inc	Books	1
7 191	00	D. E. Spaiding.	Laboratory supplies	6 1 3 4
7 192 7 193		The Magnillan Co.	Rooks	1 1
193	40	The Emil Greiner Co	Laboratory supplies	9
195	do	International Press Clinning Burgers	Incidentals	5
196	do	O. E. Staples, Bursar	Express bills paid	2
7 196 7 197	Apr. 13	Pay roll	April. 1914.	541
	F 10	Corson, H. P.	Salary, April, 1914 125 00	
		Hansen, Paul	do	ļ
	1.	Hilscher, Ralph	do 125 00	
198	Apr. 17	O. E. Staples, Bursar	Student labor	16
7 199 7 200 7 201 7 202	do	O. E. Staples, Bursar	Express bills	1
200	do	George Strode	Fixtures	7
201	on	H. F. Ferguson.	Traveling expenses	22
202	do	Raiph Hilscher		11
7 203 7 204		Clarence Cohell	00	61
7 204 7 204~	1.00	T P Corgon		23 29
7 204 <i>a</i> 7 205	Apr. 18	Pay roll	April 1014	105
200	A.pr. 20	Ricketts Hozel W	Solory April 1014 40 00	100
		Staitz Carman Harnack	do 40 00	
7 206	Apr. 98	F. W. Tanner	Traveling expenses	24
7 207	do 40	W. J. Smith	Laboratory apparatus	12
7 207 7 208	do	Ernst Hertzberg & Sons	Binding	21
7 209	do	O. E. Staples, Bursar	Student labor	20
210	do	Illinois Society of Engineers & Surveyors	Dues	4
		lan in a second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second	15 1-11-14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6

#### WATER SURVEY VOUCHERS-Concluded.

N	0.	Date.	To whom.	For what.	Amount
		1914.	,		
7	212	Apr. 28	Paul Hansen	Traveling expenses	\$ 21 0
7	213	do	Western Union Telegraph Co	Service	2 2
	214	do	Receivers, Central Union Telephone Co		13 5
	215		Illinois Water Supply Assn	Advertising	16 0
	216	May 4	G. E. Frazer	Traveling expenses	1,227 3
	217	May 8	O. E. Staples, Bursar.	Student labor	12 1
	218	do	International Press Clipping Bureau	Press clinning	5 0
	219	do	Osgood Co	Printing and publishing	19 5
	220	do	Taylor Hardware Co	Enamal nails	2 0
	221	do	Twin City Ice & Cold Storage Co:	Laboratory symplica	80
	222	do	Emat Hartshore & Cons	T ibnores	9 4
	$\frac{222}{223}$	Ma	Ernst Hertzberg & Sons. W. W. & E. D. Hanes.	T ab and town and town	
		May 8	W. W. & E. D. Hanes	Laboratory apparatus	1 8
,	224	May 8	Pay roll.	May, 1914	541 6
			Corson, H. P.	Salary, May, 1914 \$125 00	
			Hansen, Paul	do	
		المدا الما	Hilscher, Ralph	do 125 00	
Z	225	May 15	O. E. Staples, Bursar Paul Hansen	Express bills	8 6
	226	do	Paul Hansen	Traveling expenses	59 7
	227	do	E. H. Sargent & Co	Laboratory supplies	3 7
7	228	do	J. F. Schnellbach	Traveling expenses	27 0
7	229	May 21	E. C. Sioblom	do	22 7
7	230	do	Edward Bartow	do	116 2
7	231	do	H. F. Ferguson H. F. Ferguson	do	25 4
7	232	May 23	H. F. Ferguson	do	12 0
7	233	do	F. W. Tanner	ldo	2 5
7	234	May 27	H. L. Huenink. J. F. Schnellbach.	.do	2 5
	235	May 29	J. F. Schnellbach	.do	. 55 5
	236	do	W. W. Hanford	do	2 2
	237	do	Paul Hansen	do	80.3
7	238		Ralph Hilscher	do	34 5
	239	June 4	F. W. Mohlman.	do	11 2
	240	do	H. F. Ferguson	do	1 10
		June 6	Pow roll	Tuno 1014	541 6
٧	241	June o	Pay roll. Corson, H. P.	G-1 Turns 1014	241
			Hansen, Paul.	do	
			Italisen, Faul	107 00	
-	040	T	Huscher, Raipn	do125 00	
	242	June 9	Rogers & Hall Co	Printing	709 4
	243	do	Hilscher, Ralph Rogers & Hall Co H. C. Sjoblom	Traveling expenses	6 2
	244	,uo	n. r. r erguson	ao	15 3
	245	do	Ralph Hilscher	do	41 2
	246	June 17	Ralph Hilscher	do	13 5
	247	June 18	M. C. Sjoblom	do	26 5
	248	do	H. F. Ferguson Ralph Hilscher	do	22 8
	249	June 25	Ralph Hilscher	do	27 3
	250	June 26	Paul Hansen	do	13 7
7	251	do	A. H. Bennett	do	14 9
7	252	June 30	H. P. Corson	do	10 1
	253	do			3 6
	254	do	W. F. Langlier	do	101
			· · · - · - · <del> </del>	1	1

#### MECHANICS' AND MINERS' INSTITUTES VOUCHERS.

	1913.			
MM	1 July	21 S. O. Andros	Salary, July, 1913	\$150 00
MM	2 Aug.	21 S. O. Andros	Salary, August, 1913	150 00
MM	3 Sept.	16 H. H. Stoek	Traveling expenses	5 52
MМ	4 Oct.	3 S. O. Andros	Salary, September, 1914	150 00
MM	5 Sept.	30 H. D. Easton	Traveling expenses	7 55
MM	6 Oct.	4 Daisy Swearingen	Salary, September, 1913	50 00
MM	7 Oct.	10 Ira D. Shaw	Traveling expenses	28 87
MM	8 do	O. E. Staples, Bursar	Temporary labor paid in cash	11 63
MM	9 Oct.	18 S. O. Andros	Salary, October, 1914	150 00
MM	10 Nov.	29 O. E. Staples, Bursar	Telegraph bills	1 12
MM	11 Dec.	9 Remington Typewriter Co	Office supplies	70 00
MM	12 Dec.	18 Wabash R. R.	Freight	1 94
MM	13 Dec.	20 H. H. Stoek	Traveling expenses	93 79
MM	14 do	H. H. Stoek		4 70
MM	15 Dec.	30 Peck & Hills Furniture Co	Desk	27 50
MM	16 do	Browne-Morse Co	Desk. etc	44 40
	1914.		· · · · · · · · · · · · · · · · · · ·	
`MM	17 Jan.	14 Peck & Hills Furniture Co	Furniture	24 50
MM	18 Jan.	28 R. Y. Williams	Salary, January, 1914	333 33
MM	19 Jan.	15 O. E. Staples, Bursar	Express bills	10 65
MM	20 Feb.	1 R. Y. Williams	Salary, February, 1914	333 33
MM	21 Feb.	16 Alexander H. Revell & Co	Furniture	3 00

# MECHANICS' AND MINERS' INSTITUTES VOUCHERS—Continued.

	.	Date.	To whom.	. For what.	Amoun
		1914.	Automatic Electric Co. D. H. Lloyde. W. L. Morgan O. E. Staples, Bursar. Del., Lack. & Western R. R. Co. Pay roll. Morgan, W. L. Williams, R. Y. R. Y. Williams H. H. Stoek. Osgood Engraving Co. B. A. Strauch. Edward C. Lee. Western Carbon & Ribbon Co. O. E. Stanles, Bursar Chas. F. Sherman. E. C. Lee. Central Union Telephone Co.		
IM	22	Feb. 16	Automatic Electric Co	Office equipment	\$ 27
ĽΜ	23	do	D. H. Lloyde	Omce equipmentdo. Salary, February, 1914. Sundry bills paid. Photographs. March, 1914. Salary, March, 1914. \$150 00. do. 333 33 Traveling expenses. Telephone. Printing.	56
M	24	Mar. 3	W. L. Morgan	Salary, February, 1914	75
IM.	25	Feb. 25	Dol Look & Wostorn P P Co	Photographs	48
IMI IMI	27	Mar. 9 Mar. 13	Pow roll	March 1914	32 483
LIVIL	21	Mai. 13	Morgan W T	Salary March 1914 \$150 00	480
			Williams, R. Y.	.do	
M	28	Mar. 14	R. Y. Williams	Traveling expenses	39
M	29	do	H. H. Stoek	Telephone	1
M	30	do	Osgood Engraving Co	Printing. Photograph supplies. Salary, March, 1914 Office supplies. Sundry bills paid Traveling expenses. Traveling expenses.	21
M	31	do	B. A. Strauch	Photograph supplies	51
M	32	do	Edward C. Lee	Salary, March, 1914	80
M	331	Mar. 20	Western Carbon & Ribbon Co	Office supplies	2 48
M	34	do	O. E. Staples, Bursar	Sundry bills paid	48
M	35	Mar. 30	Chas. F. Sherman	Traveling expenses	.5
M	$\frac{36}{37}$	Apr. 8	Control II mion Welenhams Co	Talenhone	58 3
M	30	ao	O F Stanley Burger	Sundry bills noid	30
M	38 39	do	O E Stanles Bursar	do	30
M	40	.do	Wm. Ainsworth & Sons	Laboratory apparatus	208
M	41	. do	Longmans, Green & Co	Books	203
M	42	do	W. & L. E. Gurley.	Laboratory apparatus	69
M	$4\overline{3}$	Apr. 9	T. H. Schutte.	Expert service.	5
M	44	do	Clarence Bonnell	do	12
M	45	do	E. C. Lee	Traveling expenses	20
M	46	Apr. 13	Western Carbon & Kibbon Co.  O. E. Stanles, Bursar Chas. F. Sherman E. C. Lee Central Union Telephone Co. O. E. Staples, Bursar Wm. Ainsworth & Sons Longmans, Green & Co. W. & L. E. Gurley T. H. Schutte. Clarence Bonnell E. C. Lee Pay roll Lee, Edward C. Morgan, W. L. Williams, R. Y. O. E. Staples, Bursar Keuffel & Esser Co. of New York A. C. McCluig & Co. R. Y. Williams Alexander Brothers Co. O. E. Staples, Bursar Fullerton Fulton Harvey E. Smith Western Union Telepraph Co., Receivers Central Union Telephone Co. The C., C. C. & St. L. Ry. Co. McGraw-Hill Book Co. Browne-Morse Co. Koeller Mf. Co. International Textbook Co. Flanigan-Pearson Co. Keuffel & Esser Co. of New York The Wabsh R. R Fred H. Kay Hughes Bros Central Scientific Co. Ella S. Zipprodt. John Riley & Sons, Inc. D. Van Nostrand Co. McGraw-Hill Book Co., Inc. Eugene Dietzgen Co. Ackroyd & Best, Ltd Central Scientific Co. Ella S. Zipprodt. John Riley & Sons, Inc. D. Van Nostrand Co. McGraw-Hill Book Co., Inc. Eugene Dietzgen Co. Ackroyd & Best, Ltd Central Scientific Co. Ella S. Zipprodt. John Riley & Sons, Inc. D. Van Nostrand Co. McGraw-Hill Book Co., Inc. Eugene Dietzgen Co. Ackroyd & Best, Ltd Central Scientific Co. Ella S. Zipprodt. John Riley & Sons, Inc. D. Van Nostrand Co. McGraw-Hill Book Co., Inc. Eugene Dietzgen Co. Ackroyd & Best, Ltd Central Scientific Co. Ella S. Zipprodt. Pay roll Lee, Edward C. Morgan, W. L. Swifth Houver E.	April, 1914	633
			Lee, Edward C	Salary, April, 1914 150 00	
			Morgan, W. L	do 150 00	
	47	A 177	Williams, R. Y	do	
M	48	Apr. 17	V. E. Staples, BursarVaria	Express only paid	5
	49		Keuner & Esser Co. of New Tork	Books	22 35
M. M.	50	A 22 10	D. V. Williams	Traveling ovnenges	35
M	51	Apr. 18	Alexander Brothers Co	Laboratory apparatus	51 71
M	52	Apr. 20	O E Stanles Rurger	Express hills noid	3
M	53	do	Fullerton Fulton	Expert service	40
M	54	do	Fullerton Fulton	Traveling expenses	32
M	55	do	Harvey E. Smith	Salary, April, 1914.	132
M	56	Apr. 1	Western Union Telegraph Co., Receivers	Messages	1
(M)	57	do	Central Union Telephone Co	Rental, service	. 9
M	58	do	The C., C., C. & St. L. Ry. Co	Freight	1
M	59	do	McGraw-Hill Book Co., Inc	Books	15
M	60	do	Joseph F. McCoy Co	Apparatus	48
M	61	00	Mochley Mfg. Co	T dmpg	42
M	62 63		Koenier Mig. Co	Damps	24
M	64	uo	Florigen Peerson Co	Drinting	61
M	65	do	Kouffel & Esser Co. of New York	Annaratus	542 60
M	66	do	The Wabash R. R.	Freight	1
M	67	Apr. 29	Fred H. Kay	Services	5
M	68	do	Hughes Bros.	Lamps.	- 16
M	69	do	Central Scientific Co	Apparatus	204
M	70	do	Ella S. Zipprodt	Salary, March and April, 1914	100
M	71	May 8	John Riley & Sons, Inc	Library books	14
M	72	do	D. Van Nostrand Co	do	12
M	73	do	McGraw-Hill Book Co., Inc	ao	8
M	74	do	Eugene Dietzgen Co	Laporatory apparatus	193 19
M	75	do	Ackroyd & Best, Ltd	0.00	19
M	76 77	uo	W. T. Morgon	Traveling avnonger	50
M	78	May 11	TE C Loo	Traveling expenses	1 37 1 120
M	79	do	R. Y. Williams	do	120
M	80	May 13	Wabash R. R.	Freight	17
M	81	do	Technical Supply Co	Library books.	15
M	82	do	O. E. Staples, Bursar	Express bills.	7
M	83	do	George Strode	Furniture and fixtures	16
M	84	do	Ella S. Zipprodt	do. do. do. Traveling expenses. Traveling expenses. do. Freight. Library books. Express bills. Furniture and fixtures. Salary, May, 1914. May, 1914. May, 1914. Salary, May, 1914. 150 00 do. 150 00 do. 333 33 Books. Furniture and fixtures.	50 783
ſΜ	85	May 14	Pay roll	May, 1914	783
		1	Lee, Edward C	. Salary, May, 1914 150 00	)
			Morgan, W. L.	. do 150 00	)
		1	Smith, Harvey E	. do 150 00	)
		L	Williams, R. Y	. do 333 33	1
M	86	May 18	A. C. McClurg & Co	Books	80
ľΜ	87	do	Peck & Hills Furniture Co	Furniture and fixtures	26
M	88	do	B. A. Strauch	Laporatory apparatus	15
ſM	89 90	do	The Draeger Oxygen Apparatus Co	Laboratory apparatusdo. Books. Traveling expenses.	124
IM			INCUTRANTH III DOOK CO., ITC.	. DUUKS	89

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#### MECHANICS' AND MINERS' INSTITUTES VOUCHERS-Concluded.

No.	Date.	To whom.	For what.	Amount.
	1914.			
MM 92	May 19	H. McJohnston	Lectures	\$ 4 00
	do	Clarence Bonnell	do	32 50
	do	T. H. Schutte	ldo	37 50
	do		do	5 00
	do	A. K. Chittenden	Lecture.	1 00
	May 21	Varsity Amusement Co	Rent	10 00
	do	Scientific Materials Co	Laboratory apparatus	40 00
		McGraw-Hill Book Co	Library	33 83
MM 100		R. Y. Williams		11 74
MM 101	do	Central Scientific Co	Laboratory apparatus	8 00
	do	Hill Publishing Co	General supplies	4 50
MM 103	May 27	Queensland Geological Survey	Publication	3 22
	do 21	H. H. Stoek	Traveling expenses	10 00
	do		Telephone	4 42
MM 106	May 98	The Draeger Oxygen Apparatus Co	Apparatus repairs	1 56
	do	D. H. Llovde	Furniture and fixtures	102 08
MM 108		E. A. Holbrook	Lectures	45 50
MUNE TOO	11 do 29		Expert services	6 00
		E. B. Paine	do	12 00
MIM 110		O. A. Randolph	Lecture	2 00
			Lectures	
	uo	S. O. Andros O. E. Staples, Bursar		10 00
MM 113 MM 114		U. E. Staples, Dursar	Express bills	6 51 36 55
		H. E. Smith	Traveling expenses	30 99
MM 115			do	
MM 116	June of	D. H. Lloyde	Books	7 50
			Furniture and fixtures	4 17
M.M. 118	do	Funk & Wagnalls Co	Books	13 81
MM 119	do	Bausch & Lomb Optical Co	Laboratory apparatus	344 70
M.M. 120	do	Pay roll	June, 1914	783 33
1		Lee, Edward C.	Salary, June, 1914 \$150 00	
1	j	Morgan, W. L. Smith, Harvey E.	150 00	
		Smith, Harvey E	do	
	.	Williams, R. Y. Pay roll	do 333 33	
MM 121	do	Pay roll	June, 1914	50 00
		Zipprodt, Ella S. Clarence Bonnell.	Salary, June, 1914 \$50 00	
MM 122	June 8	Clarence Bonnell	Lecture	30 00
MM 123	June 9	T. H. Schutte	Expert services	25 00
MM 124	June 11	W. L. Morgan.	Traveling expenses	34 25
MM 125		E. C. Lee	do	67 37
MM 126	do	Peter Roberts	do	85 81
MM 127		Central Scientific Co	Laboratory apparatus	40 50
MM 128		A. C. McClurg & Co	Books	12 00
MM 129	June 23	D. H. Lloyde	Furniture and fixtures	127 24
MM 130	doi	David O. Thomas	Lecture	27 50
MM 131	ا مة	C C C & St T. By Co	Freight	1 81
MM 132	June 24	McGraw-Hill Book Co	Books	31 04
MM 133	do	George E. Frazer, Comptroller	Building repairs	9 37
MM 134	do	George E. Frazer, Comptroller	Office supplies	114 11
IM 135	do	George E. Frazer, Comptroller	Clerical assistance	3 41
MM 136 .	do	H. E. Smith	Traveling expenses	21 49
MM 137	June 25	H. E. Smith Pantagraph Printing & Stationery Co	Printing	145 50
им 138	June 27	General Electric Co	Laboratory apparatus	94 00
	June 30	Geo. E. Frazer, Comptroller	Material	48 65
MM 140	.do	C., C., C. & St. L. Rv. Co	Freight	7 77
MM 141	.do	Receivers, Central Union Telephone Co.	Toll	3 47

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