# MEETING MARCH 10, 1896.

The Board of Trustees of the University of Illinois met in the University Parlor, Urbana, at 3 o'clock p. m., Tuesday, March 10, 1896. The members present were Messrs. Armstrong, Bullard, Graham, Inglis, McLean, Morgan, Morrison, Raymond, Dr. Julia Holmes Smith, and Mrs. Flower; absent, Governor Altgeld and Mr. Judy.

The minutes of the meeting of December 10, and of the meeting of December 27, 1895, were approved as presented by the Secretary.

The President then announced the election of officers. Messrs. Morgan and Armstrong were put in nomination for President, and on the fourth ballot Mr. Armstrong was elected by vote of five to four.

W. L. Pillsbury was elected Recording Secretary, Corresponding Secretary, and Registrar, at a salary of \$1,400 a year.

Messrs. Bullard and Raymond were elected members of the Executive Committee.

President Draper presented reports and communications which were disposed of as follows:

## PAPERS PRESENTED BY PRESIDENT DRAPER.

A report from the Superintendent of Buildings and Grounds was referred to the Committee on Buildings and Grounds.

The following schedule of charges for services in the Chemical Laboratory was recommended by the President and was adopted:

#### SCHEDULE OF CHARGES FOR CHEMICAL ANALYSES.

Sanitary chemical analysis of potable waters—for residents of Illinois For non-residents	\$10 00
Quantitative analysis of utrisking waters giving grains per gallon of each and every constituent present	\$20 00 to 50 00 10 00 to 20 00 5 00
Analysis of vinegar, whe, beer, and liquors—determination of extract de- tection of fusel oil, detection of mineral acid, each determination Determination of alcohol	2 00 2 00
Analysis of grains and food stuffs—according to the number of determina- tions to be made	

Analysis of foods, coffee, tea, sugar, bread, butter, etc.—		
Determination of moisture in bread		\$1 00
Determination of mineral ingredients in bread—(alum, copper, baryta).		2 00
Determination of fat in butter		$\bar{2}$ 00
Determination of water in butter		1 00
Determination of salt in butter		ÎŬŬ
Determination of sugar		$\hat{2} \ \tilde{0} \tilde{0}$
Determination of sugar Detection of artificial coloring matter in coffee, tea, etc		
Determination of ash in coffee or tea		1 00
Determination of caffeine and theine		$\frac{1}{5}$ 00
	10 00 to	
Fertilizers-quantitative examination	10 00 10	29 00
Analysis of coal and coke-determination of moisture, volatile combustible		F 00
matter, fixed carbon. ash, sulphur		5 00
Analysis of iron and manganese ores, minerals, slags, ashes, clays, building		
stone, etc.—per cent. of iron, phosphorus, sulphur, silica, aluminium,		
manganese, each		3 00
Per cent. of iron together with phosphorus, sulphur, silica, aluminium or		
manganese		5 00
Complete analysis excepting alkalies		20 00
Complete analysis with alkalies		25 00
Gold and silver ores—assays for gold and silver in ores		3 00
Other ores, minerals, metals, alloys, etc.—Per cent. of any of the following		0 00
metals, antimony, arsenic, bismuth, tin, cobalt, molybdenum, nickel, zinc.		
cadmium, copper, silver, chromium, lead, mercury, platinum, each		3 00
caumum, copper, siver, enromann, read, mercury, platmum, each		0 00
-		

Schedule of Charges for Chemical Analysis—Concluded.

Charges for analysis of other articles, such as oils, varnishes, paints, pigments, baking powder, air, soap, drugs, chemicals, medicine, etc., and for the toxicological examination of human organs, etc., would have to be arranged to conform to the amount of time and work involved. They might vary, according to the case, from \$5 to \$50. In cases where the amount of the charge is not definitely fixed it shall be determined by the Professor of Chemistry with the approval of the President.

A request from the business manager of the *Illini* for permission to sell the old printing outfit for the benefit of the *Illini* Association was granted.

A request from Professor Forbes for an appropriation of \$1,000 to be used in publishing the report of the Biological Experiment Station was referred to the Executive Committee with instructions to investigate and report at the next meeting of the Board.

A communication from the Advisory Board of Athletic Managers of the University was referred to the Finance Committee, and upon the recommendation of the committee the matter was laid over to the June meeting.

The construction and maintenance of tennis courts at an expense not to exceed \$250 was authorized, the work to be in charge of a special committee consisting of the Superintendent of Buildings and Grounds, Dr. Smith and Mrs. Flower.

A request from the Glee Club for an appropriation with which to meet the deficiency in their accounts was referred to the Finance Committee. Later in the session the committee reported recommending an appropriation of \$75.00 for the Glee Club, and the recommendation was adopted.

A request by Professor Talbot for \$150.00 for use in the Laboratory of Applied Mechanics was referred to the Finance Committee, and upon recommendation of the Committee the appropriation was made. Mr. C. A. Gunn's letter resigning his position as instructor in architecture was referred to the Committee on Instruction and the resignation was accepted, to take effect the first day of July next, upon recommendation of the Committee.

Mr. H. S Piatt, Assistant Professor of Romance Languages, was granted leave of absence, for the purpose of study abroad, during the University year beginning September 1, 1896, with permission to go away June 10th.

By request of Professor Breckenridge \$250.00 was assigned from the state appropriation for materials for shop practice, for use in the shops.

Certain other requests made by Professor Breckenridge, for appropriations for the Mechanical Engineering Department were referred to the Finance Committee, and upon recommended of the Committee further consideration was postponed to the June meeting.

On request of Professor Baker \$15.00 was appropriated for the removal of certain brick piers received from the United States Laboratory, at Watertown, Mass., to Engineering Hall, and for the return of the metal clamps on these piers.

A request for an appropriation of \$50.00 for expenses of the committee on accredited schools was referred to the Finance Committee, and on recommendation of the Committee this appropriation was made.

A request from the *Technograph* for an appropriation of \$50.00 to meet a deficit in the accounts for publishing of the last number was referred to the Finance Committee, and on recommendation of the Committee, it was voted not to grant the request.

The report of the Agricultural Experiment Station was received.

## AGRICULTURAL EXPERIMENT STATION.

URBANA, ILLINOIS, March 10, 1896.

Dr. A. S. Draper, President of the University of Illinois.

SIR: I beg leave to submit from the Board of Direction of the Agricultural Experiment Station the following:

Paper A is a list of warrants drawn, Nos. 84 to 168, inclusive, for the quarter ending December 31, 1895, and is accompanied with vouchers for the same for audit.

Paper B is a statement of expenditures for the quarter ending December 31, 1895.

Paper C is a statement of appropriations, expenditures, and balances for the quarter ending March 31, 1896.

Paper D is a statement of appropriations asked for the current quarter, and for the next quarter.

PAPER B-STATEMENT OF EXPENDITURES, QUARTER ENDING DECEMBER 31, 1895.

Board expense Books and publications Buildings and repairs	\$34 86 160 50 12 15
Chemical apparatus and supplies Fuel and lights Incidentals Meteorological apparatus Printing, stationery, and postage Salaries Sada md troos	16 24 78 88 9 80 9 95
Printing, stationery, and postage Salaries, Seeds and trees	$24 \ 15 \\ 1,660 \ 00 \\ 2 \ 16 \\ 100 $
Seeds and trees Tools and supplies Wages Wood durability experiment.	$\begin{array}{ccc} 106 & 39 \\ 965 & 62 \\ 32 & 48 \end{array}$
Total	\$3, 113 18

PAPER C-EXPENDITURES, QUARTER ENDING MARCH 31, 1896.

	Appro- priated.	Expended.	Balances.
Board expense. Books and publications. Botanical apparatus and supplies. Buildings and repairs. Bulletins Chemical apparatus and supplies. Fuel and lights. Incidentals. Printing, stationery, and postage. Salaries Seeds and trees. Tools and supplies. Wages. Southern Illinois experiments. Total	$\begin{array}{c} 50 \ 00 \\ 50 \ 00 \\ 25 \ 00 \\ 800 \ 00 \\ 40 \ 00 \\ 100 \ 00 \\ 25 \ 00 \\ 25 \ 00 \\ 25 \ 00 \\ 1, 910 \ 00 \\ 50 \ 00 \\ 100 \ 00 \\ 800 \ 00 \end{array}$	35 95 6 50 13 50 1,114 99  631 15 6 75	$\begin{array}{c} 18 \ 50 \\ 800 \ 00 \\ 40 \ 00 \\ 100 \ 00 \\ 11 \ 50 \\ 25 \ 00 \\ 795 \ 01 \\ 50 \ 00 \\ 100 \ 00 \end{array}$

Quarter ending March 31, 1896,	
Wages	\$150 00
Quarter ending June 30, 1896.	
Board expense. Books and publications. Botanical apparatus and supplies. Bulletins. Chemical apparatus and supplies. Fuel and lights. Incidentals Printing, stationery, and postage Salaries. Seeds and trees. Tools and supplies. Wages Southern Illinois experiments. Total .	\$40 00 25 00 10 00 500 00 40 00 25 00 1, 875 00 75 00 300 00 1, 250 00 1, 250 00 1, 250 00 \$4, 395 00
From farm fund— Buildings and repairs Tools and supplies Wages	\$375 C0 200 C0 260 00
Total	\$835 00

The Board of Direction, in order to carry on experiments in southern Illinois, which it has undertaken by your authority, desires you to lease for its use two tracts of land; one of Mr. H. N. Woodward, of Odin, Ill., contain-ing about fifteen acres, for one year, with the privilege of renewal each sub-sequent year for nine years, at a rental of \$25.00 a year; the other of Mr. Samuel Bartley, of Edgewood, Ill., containing three to five acres, for one year, with the privilege of renewal year by year for nine years thereafter, at an annual rental of \$2.50 an acre.

The Board of Direction also asks you to authorize undertaking the following experiments:

1. Experiments with Kaffir corn.

2. Investigations of pear blight.

The Board of Direction has appointed the members of its staff as follows:

Thomas J. Burrill, Horticulturist and Botanist, salary \$300.00.

Finomas J. Burrin, Horticulturist and Boranist, salary \$300.00.
Eugene Davenport, Agriculturist, salary \$1,050.00.
Stephen A. Forbes, Consulting Entomologist, without salary.
Donald McIntosh, Veterinarian, without salary.
Cyril G. Hopkins, Chemist, salary \$1,500.00.
George P. Clinton, Assistant Botanist, salary \$1,000.00.
William A. Powers, Assistant Chemist, salary \$720.00.
William J. Fraser, Assistant Agriculturist, salary \$800.00.

These appointments are all for the year beginning April 1, 1896.

George W. McCluer for six months, beginning April 1, 1896, salary \$110.00 a month.

The Board of Direction asks your concurrence in the appointment of W. L. Pillsbury as Secretary of the Station at a salary of \$800.00 a year.

The Station also reports that it has purchased a Jersey cow and calf of ex-cellent pedigree, which will prove, it is confident, a valuable addition to the registered stock already owned by the University.

Respectfully submitted.

T. J. BURRILL,

## President Board of Direction.

Appropriations of Experiment Station funds were made as asked for in this report, and the Board of Direction was authorized to undertake the new experiments proposed.

The appointment of members of the Station staff as reported was approved, and the Board concurred in the election of W. L. Pillsbury as Secretary.

The President and Secretary of the Board of Trustees were authorized to sign leases for land in southern Illinois as proposed when presented by the Board of Direction of the Experiment Station.

Messrs. E. E. Chester, of Champaign; H. B. Gurler, of DeKalb, and E. A. Riehl, of Alton, were appointed upon the Board of Direction of the Agricultural Experiment Station, as representatives of the State Board of Agriculture, State Dairymen's Association and the State Horticultural Society respectively.

Messrs. Morrison and Raymond, President Draper and Professors. Burrill, Forbes, and Davenport were also appointed members of the Board of Direction of the Agricultural Experiment Station. Dr. Burrill was made President and President Draper and Mr. Raymond were appointed members of the Executive Committee.

A request from Dr. Burrill, for leave to import apparatus and material for the Botanical Department of the University to the amount of \$100.00, was referred to the Committee on Finance and upon the recommendation of the committee the request was granted.

Another communication from Dr. Burrill in relation the employment of Mr. G. P. Clinton as Instructor in Botany, by the University, and the discontinuance of Mr. John Mayer as an employé of the Experiment Station, was referred to the Committee on Finance.

Upon motion of Mr. McLean, authority was given in the discretion of the President to pay to special students who may be appointed members of the band by the professor of military science, the same amount (\$22.50) a year for such service as is now paid matriculated students who continue as members of the band after they have completed their military service.

President Draper was authorized to make arrangements for lectures during the next University year, and \$1,000.00 was appropriated for this purpose.

The Committee on Buildings and Grounds made the following report:

## REPORT ON LIBRARY.

URBANA, ILL., March 10, 1896.

## To the Board of Trustees of the University of Illinois.

GENTLEMEN: The Buildings and Grounds Committee presents the following report of its doings:

In conformity with the resolution of instructions of the Board, December 27, 1895, the following letter was addressed to President Draper:

UNIVERSITY OF ILLINOIS,

URBANA, ILL., Dec. 28, 1895.

#### Dr. Andrew S. Draper, President,

DEAR SIR: This Committee respectfully requests that you take into consideration the practicability of utilizing the architectural department of the University in the preparation of plans, specifications, and estimates of cost for the proposed library building of the University, in accordance with the resolution of the Board of Trustees adopted December 27th.

The Committee not being sufficiently informed as to the feasibility of such a collateral engagement of the professors, desires to obtain a complete statement from yourself, and also your opinion, for its guidance.

> R. P. MORGAN, N. B. MORRISON, I. S. RAYMOND, Committee on Buildings and Grounds.

#### REPLY.

#### URBANA, January 2, 1896.

Richard P. Morgan, N. B. Morrison, Isaac S. Raymond, Alexander McLean, Committee on Buildings and Grounds,

GENTLEMEN: Replying to your favor of the2 8th ult., requesting me to take into consideration the practicability of utilizing the architectural department of the University in the preparation of plans, specifications and estimates of cost, for the proposed library building of the University, in accordance with

#### UNIVERSITY OF ILLINOIS.

the resolution of the Board of Trustees adopted December 28th, I advise you that I have held several extended interviews with the professor and the assistant professor of architecture touching the matter. These gentlemen have expressed serious apprehensions as to their ability to find the time to carry out this important undertaking while carrying their regular University work. I have answered them that I understand the Board is very willing to make provision for any expense which may be incurred either in employing draughtsmen to assist them upon the plans or in employing instructors to assist in the work of instruction. It has therefore been concluded to advise your committee that upon this understanding Professor Ricker and Professor White will undertake to present to the committee, in less than thirty days, several sketches and estimates of cost for the proposed building, and they have already entered enthusiastically upon the work of preparation. I am,

Very truly yours,

### A. S. DRAPER,

President.

Under this arrangement four designs were prepared and submitted to this Committee, at the University, on the 28th of January, 1896. After careful consideration of the designs the following motion was adopted:

#### MEETING OF BUILDINGS AND GROUNDS COMMITTEE.

#### PRESIDENT'S OFFICE, UNIVERSITY OF ILLINOIS. January 28, 1896.

On motion of Mr. Raymond, Mr. Morrison was instructed to proceed to Springfield at the earliest possible day, accompanied by Professor Ricker or Professor White, for the purpose of submitting the designs for the library building, prepared by the architectural department, to Governor Altgeld, for consultation with him, and to report promptly and fully to the Chairman of this Committee the result of the interview.

RICHARD P. MORGAN,

Chairman.

Mr. Morrison being, in consequence of sickness, unable to attend to the matter, a meeting was arranged with Governor Altgeld at his office in Chicago, on Tuesday, February 4th, at which there were present, Governor Altgeld, Professor Ricker, Professor White, and Mr. Morgan. The plans were fully explained by Professor Ricker and Professor White, and after full consideration the purely Romanesque design was considered satisfactory to all.

On the evening of the same day your Committee invited a conference, at the Palmer House, of the Trustees residing in Chicago, at which were present, Mrs. Flower, Mrs. Dr. Smith, Mr. Armstrong, and Mr. Morgan. At this meeting there was a very thorough discussion of the merits of the several designs, which resulted in a unanimous agreement upon the Romanesque design. The question of the employment of Professors Ricker and White to supervise the construction of the building, and also their compensation, were fully considered and this Committee was informally instructed to arrange with those gentlemen in its discretion.

That the entire responsibility of thus employing Professor Ricker and Professor White, in a degree out of the educational corps of the University, should not rest upon President Draper, and also for the general information of the Trustees upon the subject, your Committee addressed a letter of inquiry to President Angell, of the University of Michigan, and to Professor Adams, of the University of Wisconsin, and received the replies now read.

After this preparatory work and having received the unanimous approval of the Trustees of the Romanesque design, your Committee entered into the the following agreement with Professors Ricker and White.

#### COPY.

Memorandum of an agreement entered into this eighth day of February, 1896, by and between the University of Illinois, through its Committee on Buildings and Grounds, of the first part, and N. Clifford Ricker and James M. White of the second part.

The party of the first part accepts and approves the Romanesque design (No. 4) for a library building to be erected for the University.

The parties of the second part agree to work out sufficiently the details of said design for examination by the Board at a meeting to be held on March 10, 1896, and fully to complete same for bidders not later than April 15, 1896, and as much earlier as possible.

It is agreed by the party of the first part to pay to the party of the second part the usual commission of five per cent. on the total cost of said library building.

It is agreed by the parties of the second part that the present efficiency of the architectural department shall be maintained and that all additional instructors required to secure this end shall be employed and that any additional instructors so required shall be paid by the parties of the second part out of their commissions. The amount of this assistance, the particular persons employed, and the salaries paid shall be entirely subject to the acceptance and approval of the President of the University.

It is agreed by the parties of the first part that funds shall be advanced on account of the commission of the parties of the second part as may be required to pay salaries, and for material and other necessary expenses. These payments shall be made on the certificates of the parties of the second part, after having the approval of the President of the University. One-half of the commissions to the parties of the second part shall become due and payable at the time contracts are signed for the erection of the building and shall be then paid to the parties of the second part after deducting such advances as may have been made. The remainder of said commission shall be paid in installments as the work progresses.

It is agreed by the parties of the second part to devote as much time as necessary and give personal supervision to the construction of the building, and it is also agreed that one of the said parties of the second part shall be present at the University at all times.

It is agreed that suitable rooms shall be provided by the party of the first part, as may be approved by the President, for carrying on the work herein referred to, and it is also agreed that the architectural work herein referred to shall be advanced with all possible speed.

UNIVERSITY OF ILLINOIS, by RICHARD P. MORGAN,

Chairman Committee on Buildings and Grounds, Parties of the first part.

N. CLIFFORD RICKER,

JAMES M. WHITE,

Parties of the second part.

The foregoing agreement, so far as the instruction work is concerned, meets with my approval.

#### A. S. DRAPER,

President of the University of Illinois.

Respectfully submitted, RICHARD P. MORGAN, ISAAC S. RAYMOND, N. B. MORRISON, ALEX. MCLEAN,

Committee on Buildings and Grounds.

Mr. Bullard moved that the report of the committee be adopted. While this motion was pending, the Board adjourned to meet at 8:30 o'clock Wednesday morning.

# Session of Wednesday Morning.

When the Board convened pursuant to adjournment the same members were present as on Tuesday.

After further consideration of the report on the library building Mr. Bullard's motion was passed.

President Armstrong announced the standing committees of the Board as follows:

#### STANDING COMMITTEES.

Farm-I. S. Raymond, chairman; N. B. Morrison, Alex. McLean, J. W. Judy.

Buildings and Grounds-S. A. Bullard, chairman; R. P. Morgan, I. S. Raymond, Mrs. Flower.

Finance-N. B. Morrison, chairman; N. W. Graham, S. A. Bullard.

Instruction-Mrs. Flower, chairman; S. M. Inglis, Dr. Smith, N. W. Graham.

Publication-Mr. Morgan, chairman; President Draper, W. L. Pillsbury.

Library-President Draper, chairman; S. M. Inglis, Alex. McLean, Professor S. W. Shattuck, Percy F. Bicknell.

Students' Welfare-Julia Holmes Smith, chairman; R. P. Morgan, N. W. Graham.

Mr. Morrison from the Finance Committee, reported back the claim of the Garvin Machine Co. (see page 195) without recommendation and, on motion of Mr. Bullard, the Secretary was instructed to write the Garvin Machine Co. that this Board does not consider the papers presented by the company sufficient to establish a claim against the University.

On motion of Mr Morgan the following resolutions were adopted:

*Resolved*, That the architects of the library building are hereby instructed to construct the tower of the building in a manner to enable the hanging of a suitable chime of bells in the tower of the same. And be it further

*Resolved*, That the Trustees of the University shall establish in the tower a chime of bells in the name of the first reputable citizen of the State of Illinois who shall deposit with them, as a donation, a sum of money sufficient to purchase a chime of bells satisfactory to the Trustees.

President Draper, from the committee appointed for the purpose, reported rules concerning the conduct of business in the University, as follows:

#### Rules Governing the Transaction of Business, the Keeping of Accounts and the Custody of Funds of the University of Illinois.

The following rules are adopted for the observance of officers charged with the management of the business, the keeping of the accounts, and the custody of the moneys of the University, and shall apply to the affairs of the Agricultural Experiment Station and of the State Laboratory of Natural History, as well as the affairs of the University, except that the accounts of the Experiment Station and of the State Laboratory shall be kept in separate books, and that in the transaction of the business of the Experiment Station the action of the Board of Direction of the Station shall be accepted for that of the Board of Trustees of the University when within the scope of the delegated powers conferred upon the Board of Direction and pursuant to appropriations made by the Board of Trustees.

#### RECEIPTS, INVESTMENTS, AND ACCOUNTING.

1. The Treasurer shall be the custodian of the funds and securities belonging to the University.

2. The Treasurer shall collect, as it becomes due, the interest accruing on the money and securities (including land contracts) of the University, and shall collect the principal of said securities when it becomes due. He shall collect all general and special appropriations made to the University by the state and the United States.

3. The Treasurer shall keep the accounts of the moneys in his custody in such separate funds as shall be indicated by the Board of Trustees, or as are desirable and necessary for the proper and systematic accounting for the moneys coming into the treasury.

4. At each regular meeting of the Board, the Treasurer shall report in detail the transactions of his office for the quarter preceding the meeting, and shall report the condition of the treasury at such time, and also at any other time the Board may request.

5. The Treasurer shall report to the Secretary, for record, a complete description of each of the securities the Finance Committee may place in his custody, within ten days after such action of the Finance Committee.

6. The Treasurer shall pay out money on warrants signed by the Chairman of the Board of Trustees and the Secretary, and shall not do so otherwise; and he shall submit his paid warrants to the Board for audit by the Finance Committee.

7. The endowment fund shall be kept constantly invested by the Treasurer and the Finance Committee of the Board. The Treasurer shall forthwith report all changes in investments to the Secretary, who shall enter the same in his records. The Committee shall report its action concerning the investment of funds at each regular meeting of the Board, for approval.

8. The Secretary shall keep an accurate account of each of the securities reported by the Treasurer, in a register, and shall report maturing securities to the Board at least one quarter before maturity. He shall report the amount of interest accrued on the securities of the University during the previous quarter.

9. The Business Manager shall be the general business agent and financial accountant of the University. He shall collect and account for all money from dues, fees, tuition, and all other sources not required to be collected by the Treasurer.

10. The Business Manager shall report monthly to the Treasurer the moneys received by him, turning over to him all money, except such as he and the Treasurer may agree to be necessary for the proper conduct of the petty business of his office. Single transactions involving less than \$50 in money may be classified as "petty business."

11. The Business Manager shall report to the Board at its regular meetings the financial condition of the University, with such recommendations for appropriations as may be necessary; and also the transactions of his office for the quarter preceding, and oftener, if requested by the Board. His report shall include a detailed statement of all moneys received and from what sources, shall show the amounts paid to the Treasurer, and all accounts audited, warrants drawn, and balances standing to the credit of the different funds.

12. The Registrar shall report in detail to the Board, at each regular meeting, the number of students, who, during the quarter preceding, were indebted to the University for term fees, tuition, deposits, and all other financial obligations imposed by their attendance upon the University.

13. No department of the University shall receive any funds unless specially authorized by the Business Manager, in writing, to do so. In all such cases he shall furnish the department so authorized a book in which the proper person shall enter a record of all transactions, specifying the date, the person from whom the money was received and the purpose or consideration for which it was received, and at the end of each month, or oftener, if the Business Manager shall request, the department receiving such money shall report to the Business Manager, upon a proper blank to be prepared for the purpose, a transcript of his memorandum book, and account and pay over the moneys so received, and the Business Manager shall keep said reports on file in his office and enter the funds so received in his books.

#### EXPENDITURES, CONTRACTS, OBLIGATIONS, AND PAYMENTS.

1. No expenditures shall be made except on the authority of the Board, and after an appropriation of money therefor, as evidenced by its records. In an emergency requiring immediate action the President and Business Manager may, by concurrent action, incur an expense not greater than \$250, and the Executive Committee of the Board of Trustees may, of course, act in any matter at any time.

2. All appropriations shall lapse at the end of the fiscal year unless otherwise specially ordered. By a vote of the Board an appropriation may be made to lapse at any time.

3. Articles or materials for the University shall be purchased by persons or committees designated by order of the Board. When none are designated the Business Manager shall act as purchasing agent.

4. The Business Manager shall issue an order for purchase to persons authorized by the Board to make purchases, but shall not do so unless the records of the Board show that the purchase has been authorized and that the money for payment therefor has been appropriated. The order shall clearly set forth the articles or materials ordered, and shall state the fund from which the account is to be paid. The order of the Business Manager shall accompany all bills of account for purchases, (or said bills shall refer to said orders,) on presentation of such bills for audit and payment. But no order for the purchase of furniture, apparatus, or equipment, unless specifically ordered by the Board of Trustees, shall be made unless the advisability of such purchase is approved by the President of the University, nor unless the price which it is proposed to pay is approved by the Business Manager.

5. The persons composing the force of administrative officers, and the clerks or other employés of the departments, and the Corps of Instruction, shall be employed and salaries fixed by the Board. The monthly payroll of such persons shall be approved by the President of the University, but he shall not approve the pay of any person who has not rendered prescribed service during the month, unless such service has been previously formally excused by the Board or by the President of the University, under the rules for the government of the instructional force. The Business Manager shall prepare the payroll for the approval of the President each month, setting forth for each person the amount of salary for the month, as fixed by the Board.

6. All help employed, exclusive of the persons referred to in the preceding rule, shall be employed by the Superintendent of Buildings and Grounds, with the approval of the President of the University, provided that before doing so the Superintendent shall secure the certificate of the Business Manager that the employment has been authorized and the money therefor appropriated by the Board. At the time of the employment of each person by him he shall determine the price to be paid, except in cases where the same has been determined by the Board, and he shall keep a record in a suitable book, to be provided for the purpose, of the name of the person so employed, the time when employed, the length of service, and the amount to be paid, and he shall report the same to the Business Manager whenever requested; and he shall prepare and deliver to the Business Manager the payrolls covering such help at the termination of the employment or at such other time as he may be requested so to do.

7. The employés of the Agricultural Experiment Station shall be appointed by the Board of Direction of the Station, or by the Director of said Station when authorized by said Board, but no appointment shall be made unless the same shall have been authorized by the Board of Trustees. The Business Manager and the Secretary of the Board of Trustees shall, upon application, afford information to the Board of Direction of the Experiment Station touching the action of the Board of Trustees and the condition of the funds in which the Board of Direction and the Station may be interested. The payroll of said employés shall be made and certified by the Director of the Station to the Business Manager at such times as that officer may request.

8. The employés of the State Laboratory of Natural History shall be appointed by the Director of the Laboratory, but not until such appointments shall have been authorized by the Board of Trustees, and the payroll of said employés shall be made out and certified by the Director and delivered by him to the Business Manager at such times as that officer may request.

9. Purchases to an amount exceeding \$100.00 shall be let by contract, after competition, unless the character of the material or articles renders competition unpracticable. Contracts shall be let by the Board or a committee appointed by the Board, and shall be signed for the University by the Chairman and Secretary of the Board of Trustees, unless other persons or committees are authorized by the Board to perform that service.

10. Contracts shall be filed with the Business Manager by the officers of the Board authorized to enter into the contracts, and payment in full or in part shall be made on contracts only on the certificate of some person authorized by the Board to make a certificate that the contract or a part thereof has been acceptably fulfilled, and that under the terms of the contract a certain stated amount is due and payable.

11. The Business Manager shall act as the auditor of the Board, and all bills shall be presented to him for audit, but no bills relating to labor upon buildings and grounds shall be audited and paid unless approved by the Superintendent of Buildings and Grounds, and all other bills must have the approval of the President of the University unless they are for continuing salaries, contracts, or other running accounts specially authorized by the Board; and in all cases payment of any bill or account shall be suspended on the request of the President of the University pending the action of the Board of Trustees.

12. Bills for purchases, when rendered, must be accompanied by the order hereinbefore provided for, and if for materials or articles delivered then also by the receipt of the officer, member of the instructional force, or employé who received them, that the same were received by him in good condition, and that they were of the quality, kind, and price prescribed.

13. When any account against the University is found to be just and due, created by the authority of the Board, and one that an appropriation has been made to pay, and is presented in accordance with the requirements of the Board, and has been approved by the proper officer, the Business Manager shall approve and audit the same, stamp his approval upon the face of the bill, issue a warrant against the Treasurer for the amount thereof, and send said warrant to the Chairman of the Board of Trustees for signature. The Chairman shall sign the same, if he thinks proper, and in that event he shall forthwith forward it to the Secretary. In case he declines to sign the same he shall return it to the Business Manager with his reasons for such declination. The Secretary shall, as soon as he receives a warrant, make a proper record thereof in his books, sign the same, and deliver it to the Business Manager, who shall enter the same in his warrant book, giving its number, for what issued, to whom payable, and the appropriation from which it is to be paid.

Separate warrant books shall be kept for the University, the Agricultural Experiment Station, and the State Laboratory of Natural History.

The Business Manager shall deliver the signed warrants which he receives to the payee therein named in exchange for such receipts or evidences of discharge as may be required to meet the needs of the University accounts.

When a bill or claim is for less than \$50.00 the Business Manager may, at his discretion, pay the same in cash, if, in his opinion, the business of the University will be better expedited thereby. Before such payment the Secre-

-15 U. I.

tary shall, however, make a record of said bill, and soon after payment, certainly as often as once in each month, and as much oftener as he prefers, the Business Manager shall make a statement of all such payments, accompanied by the vouchers therefor, and draw a warrant to his own order for the sum thereof, and forward both to the Chairman of the Board of Trustees for approval and signature. If the payments are approved the Chairman shall endorse his approval upon said statement, and shall sign the accompanying warrant and forward both to the Secretary, who shall also sign both and note the fact against the previous record, and deliver said statement and warrant to the Business Manager, who shall make proper entries of their receipt in his books, shall file the statement in his office, endorse the warrant and deliver the same to the Treasurer, who shall receive the same as cash and credit the Business Manager with the amount thereof.

14. The Business Manager, Treasurer, and Secretary shall report fully to each regular meeting of the Board, and their reports shall be examined by the Finance Committee of the Board, and said committee shall forthwith report its findings and recommendations to the Board for approval.

15. The fiscal year of the University shall begin on the first day of July in each year and end upon the 30th day of June next succeeding, but all re-ports shall be made as required by law.

16. The officers of the Board shall cause new account books to be pre-pared, and shall open the same and transfer all balances to them at the be-ginning of the next fiscal year, and shall prepare all blank forms necessary for carrying the foregoing rules into effect.

17. The foregoing rules shall be observed from the time of their adoption of July, 1896.

The report of the committee was adopted.

The Committee on Finance offered the following report, which was approved:

URBANA, March 11, 1896.

To the Board of Irustees of the University of Illinois.

GENTLEMEN: Your Committee on Finance has examined the vouchers submitted by the Agricultural Experiment Station Nos. 84 to 168, inclusive, and Respectfully submitted, N. B. MORRISON, S. A. BULLARD, N. W. GRAHAM, *Financ* has found the same correct and duly receipted.

Finance Committee.

The Treasurer's report was received and referred to the Finance Committee.

#### TREASURER'S REPORT.

CHARLES W. SPALDING, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, FEBRUARY 29, 1896.

	Dr.		
December 1	0 8 Balance 6 From F. Topka, interest on land contract No. 18	<b>\$</b> 52 50	\$152, 470 61
	8 Wenzi Kopacek, principal on land contract No. 65 8 Wenzi Kopacek, interest on land contract No. 65 8 S. W. Shattuck, paid warrants, general fund	65 00 1,915 97	
1896.	Jos. Dezort, interest on contract No. 40	40 00 96 00	
January	2 From L. S. Botten, principal on contract No. 83	39 20 120 00	
4 4 * 4 4 4 4	<ol> <li>Wm. Buethe, principal on contract No. 80</li> <li>Wm. Buethe, interest on contract No. 63</li> <li>Kier O. Braaten, interest on contract No. 63</li> <li>Erick Lindquist, interest on contract No. 64</li> <li>Village of Austin coupons due January 1, 1896</li> </ol>		

# Treasurer's Report—Continued.

P		Treasurer's heport—Continued.		
1895.		Dr,		
January	3	From Dale & Roise, principal on contract No. 72 Dale & Roise, interest on contract No. 72 Olof Mattson, interest on land contract No. 73	\$120 00	
**	3	Dale & Roise, interest on contract No. 72	58 80	
	33	<ul> <li>Off Mattson, interest on land contract No. 73</li> <li>Olof Mattson, interest on land contract No. 73</li> <li>Jos. Cuta, principal on contract No. 65</li> <li>Crawford county coupons due Jan. 1, 1896</li> <li>Gallatin county coupons due Jan. 1, 1896</li> <li>From Berthal Pederson, principal on contract No. 69</li> <li>Berthal Pederson, interest on contract No. 69</li> </ul>	200 00 84 00	
4.4	3	" Jos. Cuta, principal on contract No. 65	100 00	
**	3	" Jos. Cuta, interest on contract No. 65	35 00	
	4	Crawford county coupons due Jan. 1, 1896	600 00	
	4 6	From Berthal Pederson principal on contract No 69	630 00 50 00	
44	6	"Berthal Pederson, interest on contract No. 69	14 70	
**		"Berthal Pederson, principal on contract No. 74	105 00	
44	6 6	<ul> <li>Berthal Pederson, principal on contract No. 74</li> <li>Berthal Pederson, interest on contract No. 74</li> <li>U. S. Treasury, Experiment Station warrant, due Jan, 1, 1896</li> </ul>	14 70 3,750 00	
	8	" Peter Larson, principal on contract No. 66	133 33	
4.6	89	<ul> <li>Peter Larson, principal on contract No. 66</li> <li>Peter Larson, interest on contract No. 66</li> <li>S. J. Hallquist, principal on contract No. 75</li> <li>S. J. Hallquist, principal on contract No. 75</li> <li>S. J. Hallquist, interest on contract No. 75</li> <li>S. J. Hallquist, principal on contract No. 75</li> </ul>	84 00	
**	9	S. J. Hallquist, principal on contract No. 75	150 00	
4.6	9 9	S. J. Hallquist, interest on contract No. 75	$\begin{array}{ccc} 63 & 00 \\ 13 & 50 \end{array}$	
* *	9	<ul> <li>S. J. Hallquist, principal on contract No. 76</li> <li>S. J. Hallquist, interest on contract No. 76</li> <li>J. E. Blickenstaff, interest on contract No. 39</li> <li>Nels Olson, on contract No. 99</li> <li>Nels Olson, on contract No. 99</li> </ul>	73 50	
* *	11	" J. E. Blickenstaff, interest on contract No. 39	24 00	
* *	13	<ul> <li>Nels Olson, on contract No. 99</li> <li>Nels Olson, on contract No. 99</li> </ul>	25 00	
	13	<ul> <li>Nels Olson, on contract No. 39.</li> <li>Nels Olson, interest on contract No. 99.</li> <li>Ole Lundquist, interest on contract No. 112.</li> <li>W. L. Pillsbury, on account farm fund, credit</li> <li>Hans Vesterud, interest on land contract No. 84.</li> <li>Hons Vesterud, interest on land contract No. 85.</li> </ul>	35 00	
	16 16	" W L. Pillshury on account farm fund credit	$\begin{array}{c} 25 & 25 \\ 1,015 & 01 \end{array}$	
* *	18	"Hans Vesterud, interest on land contract No. 84	23 54	
44	18	"Hans Vesterud, interest on land contract No. 85	23 54	
44	18	<ul> <li>Hans Vesterud, interest on land contract No. 55</li> <li>Hans Vesterud, interest on land contract No. 54</li> <li>Burnham, Trevett &amp; Mattis, Beatrice, Neb., re- demption and interest tax certificates Nos. 5649</li> </ul>	9 15	
	27	Burnham, Trevett & Mattis, Beatrice, Neb., re-		
	28	" S. W. Shattuck, paid warrants on account general	38 00	
	-0	fund	4,530 76	
February	3	<ul> <li>Ole Sorenson, principal on contract No. 79</li> <li>Ole Sorenson, interest on contract No. 79</li> <li>Usion School District No. 6 Obernspiere source and the source of the sourc</li></ul>	984 20	
••	3	Ole Sorenson, interest on contract No. 79	158 35	
	3	Union School District No. 6, Champaign county, coupons due Feb. 1, 1896. From Ole Sorenson, interest on contract No. 79	270 00	
* *	4	From Ole Sorenson interest on contract No. 79	2 89	
	$\hat{4}$	Mattoon, Coles county, Ill., coupons	150 00	
••		Mattoon, Coles county, Ill., coupons From S. W. Shattuck, paid warrants on account general	3, 948 00	
44	29	From S. W. Shattuck, paid warrants on account general fund Interest Dec., Jan., and Feb. on endowment fund at 4 per	1,229 07	
	1	cent	280 00	
••	29	Interest Dec., Jan., and Feb. on all other funds at 2 <sup>1</sup> 2 per cent	577 30	
				\$23,372 45
				\$175,843 06
		Cr.		4x10,010 00
1896. February				
	29	By amount paid out of general fund, as per list of war-	e10 795 00	
6 6 <sup>-</sup>	29 29	By amount paid out of general fund, as per list of war- rants attached hereto	\$10, 735 80	
6 6 6 6	29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing	\$10, 735 80 36, 250 05	
6 6 6 6	29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing	36, 250 05	
	29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto.		
• • • • • •	29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as	36, 250 05	
•• •• ••	29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto	36, 250 05 315 33 1, 048 25	
••	29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto By amount paid out of state appropriation for Library, as per list of warrants attached hereto By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto.	36, 250 05 315 33	
** ** ** **	29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as nouli paid out of state appropriation for cabinets,	36, 250 05 315 33 1, 048 25 2, 321 93	
•• •• •• ••	29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as nouli paid out of state appropriation for cabinets,	36, 250 05 315 33 1, 048 25	
•• •• •• •• ••	29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for Engineer- ing College, as per list of warrants attached hereto.	36, 250 05 315 33 1, 048 25 2, 321 93 234 23	
    	29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets. By amount paid out of state appropriation for Agineer- ing College, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached	36, 250 05 315 33 1, 048 25 2, 321 93 234 23 8, 893 78	
    	29 29 29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for Engineer- ing College, as per list of warrants attached hereto By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto.	36, 250 05 315 33 1, 048 25 2, 321 93 234 23	
    	29 29 29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto By amount paid out of state appropriation for furnishing and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto. By amount paid out of state appropriation for fitting and furnishing Engineering Hall, as per list of warrants	36, 250 05 315 33 1, 048 25 2, 321 93 234 23 8, 893 78 26 00	
    	29 29 29 29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for Actionets, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto.	36, 250 05 315 33 1, 048 25 2, 321 93 234 23 8, 893 78	
    	29 29 29 29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for cabinets. By amount paid out of state appropriation for Engineer- ing College, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto. By amount paid out of state appropriation for fitting and furnishing Engineering Hall, as per list of warrants attached hereto. By amount paid out of state appropriation for fitting and furnishing Engineering Hall, as per list of warrants attached hereto. By amount paid out of state appropriation for fitting and furnishing Engineering Hall, as per list of warrants attached hereto. By amount paid out of state appropriation for building and equipment of Biological Experiment Station, as	36, 250 05 315 33 1, 048 25 2, 321 93 234 23 8, 893 78 26 00 254 54	
	29 29 29 29 29 29 29 29 29 29	rants attached hereto By amount paid out of state appropriation for salaries, etc., as per list of warrants attached hereto and heating Natural History Hall, as per list of war- rants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Library, as per list of warrants attached hereto. By amount paid out of state appropriation for Labora- tory of Natural History, as per list of warrants at- tacked hereto. By amount paid out of state appropriation for cabinets, as per list of warrants attached hereto. By amount paid out of state appropriation for Engineer- ing College, as per list of warrants attached hereto. By amount paid out of state appropriation for Astro- nomical Observatory, as per list of warrants attached hereto nomical Observatory, as per list of warrants attached hereto By amount paid out of state appropriation for fitting and furnishing Engineering Hall, as per list of warrants attached hereto.	36, 250 05 315 33 1, 048 25 2, 321 93 234 23 8, 893 78 26 00	
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## UNIVERSITY OF ILLINOIS.

## Treasurer's Report—Continued.

February	29	By amount paid out of state appropriation for apparatus		
1 0.01 dai 3 		and material, as per list of warrants attached hereto. By amount paid out of state appropriation for shop prac-	\$1,235 16	
		tice, as per list of warrants attached hereto	798 46	
		By amount paid out of state appropriation for Chemical Laboratory, as per list of warrants attached hereto	1,302 67	· ·
••	29	By amount paid out of state appropriation for Labora- tory of Vegetable Physiology, as per list of warrants		
		attached hereto	1,457 93	
	29	By amount paid out of state appropriation for paving streets and walks, as per list of warrants attached		
••	29	hereto By amount paid out of state appropriation for fire pro-	. 183 56	•
		tection, as per list of warrants attached hereto By amount paid out of U. S. fund as per list of warrants	95 60	
		attached hereto	7,490 74	
		By amount paid out of U.S. fund for the Experiment Station, as per list of warrants attached hereto	3,112 12	• •
**	29	By amount paid out of U. S. Experiment Station farm ac- count, as per list of warrants attached hereto	621 95	
		Balances—		\$76,876-56
		General fund	\$8,238 47	
		Endowment fund U. S. Experiment Station fund	28,945 93 3,739 22	
		Experiment Station farm fundU.S. fund	$59772 \\ 4909$	
		State appropriations— For salaries	30.421 98	
		For library	1, 199 37	
		For library For Laboratory of Natural History	3,702 23	
		For cabinets For Engineering College	768 51	
		For Astronomical Observatory	5,133 34 4,974 00	
		For fitting and furnishing Engineering Hall For building and equipment of Biological Experi-	2,439 39	
		ment Station	1,682 29 281 15	
		For Biological Experiment Station For apparatus and material	1.188 98	
		For shop practice	447 49	
		For Chemical Laboratory	2,251 31	
		For Laboratory of Vegetable Physiology	309 37	
		For fire protection For paving street and walks	1,702 21 894 45	
		For paring succe and waiks		98, 966-5 <b>0</b>
				\$175,843 06

A letter from Mr. F. E. Bonham, a student of the University, was, on motion of Mr. Inglis, referred to the President of the University.

It was now 11 o'clock and the Board adjourned until 2 o'clock in order that the rest of the forenoon might be spent in the architects' rooms in examining the plans for the library building.

# WEDNESDAY AFTERNOON SESSION.

Upon convening in the afternoon, the Board, by the following vote, authorized the carrying out of the idea of the architects in using stone of two colors in the exterior walls of the building: Yeas— Flower, Bullard, Smith, Graham, Armstrong, Raymond; nays—Inglis, McLean, Morgan, Morrison.

Mr. McLean offered the following resolution:

*Resolved*, That the new library building be erected on the northwest corner of the present quadrangle, and in front of the President's House, where stakes are now set, in lieu of the site heretofore selected south of the greenhouse.

This resolution was lost by the following vote: Yeas—Inglis, McLean, Morgan, Smith, Graham; nays—Flower, Bullard, Morrison, Armstrong, Raymond.

The proceedings of the Board were interrupted for a few moments, during which Professor Breckenridge, in behalf of the mechanical engineering department, presented to Mr. Graham a beautiful chess table which had been made of India teak in the shops. On motion of Mr. Morgan, the thanks of the Board were returned to the gentlemen who had made and presented the table.

On motion of Mr. McLean, it was voted that the Board, when it adjourned, should adjourn to meet at the call of the President, and that the Board should be called to meet as soon as the architects could have working plans and specifications ready to submit.

Mr. Morgan, from the Committee on Buildings and Grounds, presented the bill of D. H. Burnham & Co. for \$1,000 for professional services and traveling expenses, and recommended the payment of the bill. The bill was ordered paid.

Mr. Morgan moved the payment of \$300 to Professor Ricker for furnishing plans and supervising the construction of machinery hall; of \$300 to Professor Talbot for services in supervising the laying of pavements and walks; of \$125 to Professor Breckenridge for services in connection with the equipment of machinery hall, and the heating of the President's House; \$300 to Professor White for supervising the construction of the President's House; and of \$100 to Mr. C. A. Gunn for furnishing plans for the Observatory, and the motion prevailed.

The President of the Board was authorized to endorse, in the name of the Board of Trustees, a note which had been received for the deferred payment for the Griggs farm, in order to effect a sale of said note.

Sundry bills for material and work done on the ladies' parlor and the rooms of the music department, amounting in all to \$108.37, were ordered paid.

The Board refused to grant a petition recived from Mr, O. K. Doney, who had been a student of the University, asking for the return of a part of his fees on account of his withdrawal from the University during the term.

An informal report with regard to the proposition made to the Board at its meeting of December 10th by the Chicago College of Pharmacy was made by the committee appointed to investigate the matter.

Mr. W. B. Day, Actuary of the College, was also heard.

On motion of Mr. McLean, Mrs. Flower and Mr. Morgan were added to the committee, and the committee was instructed to investigate further and report at the next meeting of the Board. Mr. Morgan, from the Committee on Buildings and Grounds, presented the bill of the Maltby & Wallace Co for heating plant in machinery hall, and recommended that the bill be paid and that the amount thereof, \$1,118.05, be appropriated. The bill was approved and ordered paid as recommended.

The Business Manager, Professor S. W. Shattuck, presented his report, which was referred to the Finance Committee:

## BUSINESS MANAGER'S REPORT.

UNIVERSITY OF ILLINOIS, March 10, 1896.

N. W. Graham, President of the Board of Trustees, University of Illinois,

SIR:—I have the honor to hand you herewith the following financial statements:

Paper A, a statement of current appropriations for the three months ending February 29, 1896.

Paper B, a statement of the state appropriations, February 29, 1896.

Paper C, a statement of the U.S. fund, same date.

December 10, 1895.	Appropri-	Expended.	Balance.
	ateu.		· · · · · · · · · · · · · · · · · · ·
Board expenses	\$500 00		\$15 62
Salaries for instruction and for President U. S. Fund	24, 415 00	$\left\{\begin{array}{c} 10 \ 50 \\ 3,496 \ 62 \\ 20,902 \ 63 \end{array}\right.$	5 25
Salaries for services {Current}	3,500 00	$\left\{\begin{array}{c} 196 \ 35 \\ 3,280 \ 75 \end{array}\right.$	<pre>{ 22 90</pre>
Buildings and grounds	139 87 3,000 00	$\begin{array}{c} 134 \ 11 \\ 2,436 \ 72 \\ 232 \ 323 \$	5 76 563 28
Stationery and printing. Preparatory School, salaries.	500 00 1,365 00 300 00	339 36 1,365 00 196 34	160 64 
Repair shop Mechanical department Departments	$\begin{array}{c} 497 & 94 \\ 152 & 06 \end{array}$	474 99 125 01	$   \begin{array}{ccccccccccccccccccccccccccccccccccc$
Laboratories	1,000 00 50 00 400 00	26 11	657 69 23 89 97 51
	100 00	001 10	
Sundries.	$\{ i_{i}, j_{i}, j_{i}$	1	
President's House	5,000 00 125 00	$\begin{array}{c} 2,859 & 44 \\ 125 & 00 \end{array}$	2,140 56
Water supply. Heating apparatus Furniture and fixtures.	500 00 300 00	$\begin{array}{c} 100 & 09 \\ 172 & 06 \end{array}$	399 91 127 94
Treasurer's expenses and interest	$   \begin{array}{c}     235 \ 11 \\     50 \ 00 \\     60 \\   \end{array} $	$235 11 \\ 14 62 \\ 62$	35 38
South farm Attorney's fees. President Draper's expenses	60 00 55 00 116 60	55 00	5 17
Senator Morrill's bust.	30 00		30 00
Total	\$42,291 58	\$37,846 42	\$4,445 16

## PAPER A-CURRENT APPROPRIATIONS.

December 10, 1895.	Received.	Expended.	Balance.	Assigned.
For the years 1893-1895, Closed out Cabinets Furnishing and heating Nat. Hist. Hall Applied mechanics. Botany Zoölogy Mechanical engineering Pedagogy Greek Woman's gymnasium.	$\begin{array}{c} \$282, 679 \ 14 \\ 1,000 \ 00 \\ 6,000 \ 00 \\ 472 \ 00 \\ 405 \ 00 \\ 1,200 \ 00 \\ 150 \ 00 \\ 150 \ 00 \\ 300 \ 00 \\ \hline \$296, 401 \ 14 \end{array}$	$\begin{array}{c} 1,000 \ 00\\ 6,000 \ 00\\ 469 \ 66\\ 405 \ 65\\ 1,200 \ 00\\ 4,000 \ 00\\ 127 \ 16\end{array}$	\$2 34 44 35	22 84 38 32 53 98
For the years 1895-1897. Apparatus and materials— Psychology Zoölogy Chemistry Applied chemistry Geology Physiology Botany and horticulture	\$300 00 500 00 500 00 500 00 400 00 500 00 300 00	\$103 57 169 79 499 70 500 00 400 00 266 87 262 25	\$196 43 330 21 30 	330 21
Operating Biological Experiment Station Bialogical Experiment Station Equipment	\$3,000 00 \$1,500 00 \$2,500 00	\$2,202 18 \$1,322 20 \$833 27	\$797 82 \$177 80 \$1,666 73	\$797 82 \$177 80 \$1,666 73
Paving streets, etc Astronomical Observacory Illinois State Laboratory of Natural History	\$9,300 00 \$5,000 00 \$9,900 00	\$8, 468 05 \$26 00 \$7, 079 57	\$\$31 95 \$4,974 00 \$2,820 43	\$831 95 \$4,974 00 \$2,820 43
Laboratoay of Vegetable Physiology         Salaries, etc.—         Salaries for instruction.         Salaries for services.         Heating apparatus.         Library catalogue.         Buildings and grounds.         Library building designs.         Toilet rooms.         Arboretum sewer.         President's House         Art and design.         Physical culture.         School of Music.         Lectures.         Advertising and catalogue.         University magazine.         Illini         Oratorical contest.         Gas fixtures.         Accredited schools.         Illio.         Technograph.         U. S. flag.         Applied chemistry.         Entomological room.         College of Literature and Arts, books.         Unassigned.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} \$1, \$13 \ 29 \\ \hline \\ \$33, 205 \ 66 \\ \$391 \ 97 \\ 455 \ 455 \\ 855 \ 36 \\ 1, 735 \ 07 \\ 1, 100 \ 00 \\ 157 \ 00 \\ 251 \ 81 \\ 8, 000 \ 00 \\ 185 \ 33 \\ 817 \ 27 \\ 962 \ 09 \\ 153 \ 13 \\ 2, 000 \ 00 \\ 159 \ 34 \\ 288 \ 06 \\ \hline \\ 250 \ 00 \\ 152 \ 06 \\ 152 \ 06 \\ 152 \ 06 \\ 152 \ 06 \\ 152 \ 06 \\ 152 \ 06 \\ 152 \ 06 \\ 153 \ 13 \\ 152 \ 06 \\ 153 \ 13 \\ 152 \ 06 \\ 153 \ 13 \\ 153 \ 135 \\ 152 \ 06 \\ 100 \ 00 \\ 100 \ 00 \\ 100 \ 00 \\ 120 \ 33 \\ 163 \ 15 \ 150 \ $		118 19 64 67

# PAPER B-STATE APPROPRIATIONS.

	Received.	Expended.	Balance.	Assigned.
Fire protection	\$2,000 00	\$297 79	\$1,702 21	\$1,702 21
Library	\$3,000 00	\$2,093 21	\$906 79	\$906 79
Cabinets— Geology Unassigned	\$400 00 600 00		\$114 89 600 00	\$114 89
	\$1,000 00	\$285 11	\$714 89	\$114 89
Taxes and lands	\$1,600 00	\$1,600 00	· · · · · · · · · · · · · · · · · · ·	
College of Engineering— Machine shop Equipment	\$15,000 00 10,000 00		\$191 39 3,582 18	\$191 39 3,582 18
	\$25,000 00	\$21,226 43	\$3,773 57	\$3,773 57
Furniture and fixtures, Engineering Hall– Electric wiring. Furniture. Unassigned.	\$1, 191 77 2, 302 90 1, 505 33	1,632 58	\$670 32 1,505 33	
	\$5,000_00	\$2,824 35	\$2,175 65	\$670 32
Shop practice— Mechanical Department Unassigned	\$1,250 00 250 00		\$133 94 250 00	\$133 94
	\$1,500 00	\$1,116 06	\$383 94	\$133 94
Chemical Laboratory Unassigned	\$3,750 00 1,250 00	\$2,926 55	\$823 45 1,250 00	\$823 45
	\$5,000 00	\$2,926 55	\$2,073 45	\$823 45

#### PAPER B-STATE APPROPRIATIONS-Continued.

PAPER C-UNITED STATES FUND.

	Received.	Expended.	Balance.	Assigned.
Year ending June 30, 1894.				
Before reported on	\$18,500 00 500 00		 \$22 97	\$22 07
Total	\$19,000 00	\$18,977 93	\$22 07	\$22 07
Year ending June 30, 1895.				
Before reported on	\$20,000 00	\$20,000 00	<u> </u>	<u></u>
Year ending June 30, 1896.				
Salaries for instruction Unassigned	\$20,972 98 27 02	\$20, 972 98	\$27 02	
Total	\$21,000 00	20,972 98	\$27 02	

Paper D, a list of vouchers presented for audit, being 1 to 675, inclusive. Paper E, estimated receipts and expenses for the six months ending September 1st, not including the state and United States funds, due in July.

Paper F, a list of appropriations the Board is requested to make at this time.

Paper G, a statement of the collections made by the Business Manager in the three months ending February 29, 1896.

The attention of the Board is drawn to the fact that expenditures are made under the state appropriation for a library building, and from the balance \$5,000 for the Engineering College which have not been received from the state. This condition will complicate our accounts badly, within a short time.

The Board is requested to authorize the employment, in the business office of a clerk, to give his full time, at a salary of \$45 per month.

Respectfully submitted,

# S. W. SHATTUCK,

#### Business Manager.

Mr. Morrison, from the Finance Committee, recommended appropriations as follows, in accordance with the request of the Business Manager:

Board expenses	\$500
alaries for instruction and President.	25,800
alaries for services	3,400
Buildings and grounds	750
'uel and lights and electric power	1,500
tationery, printing, and postage	600
lechanical department	600
Departments	100
aboratories	500
ibrary and apparatus	50
ncidentals	400
leating apparatus	200
urniture and fixtures	200
Vater supply	125
ymnasium	50
Repair shops	300
commencement	300
enator Morrill's bust, balance	30
enator Morrill's bust, balance 'resident's House	2,140
-	\$37.545

He also recommended a further appropriation of \$2,000 for the President's House, and also an appropriation of \$45 a month for pay of a clerk in the Business Manager's office. These recommendations were adopted.

Dr. Smith, from the Committee on Student's Welfare, made a report, which was referred to the Committee on Instruction and President Draper.

The Board then adjourned to meet at 8 o'clock a. m. Thursday.

# THURSDAY MORNING SESSION.

The Board met pursuant to adjournment, the same members being present as on Wednesday, except Dr. Smith and Mr. Morrison.

Mr. Bullard, from the Committee on Buildings and Grounds, presented recommendations from the architects with regard to the construction of the library building, as follows:

1. Footings of exterior walls to be of dimension stone, laid in cement; footings of interior walls and of columns to be of fine hard brick, laid in cement.

2. Fire proof construction—Floors of steel framing and tile arches; ceilings and roofs of steel framing and book tile; steel trusses; ground floors of concrete; hollow tile partitions; floors over large reading room and ceiling of second story suspended from steel trusses, skylight of stained glass over rotunda, roof skylight over this.

3. Ceilings and stairways—Marble stairs, wainscot, and railings in vestibule; mosaic floors in vestibule and staircase hall; other stairs to have marble steps with ornamental iron railings.

4. Book stacks and shelves—The proposition of the Library Bureau, of Chicago, for three stories of seven feet each, and each with seven shelves, two lower division floors of Georgia marble slabs, polished on under surface, steel construction of third division floor complete, iron to have painted finish, poplar shelves with oak facing, the whole complete in place for \$8,500.00, accepted, provided the Library Bureau will put in shelving and fixtures any time within three years.

5. Roof-Vitrified Spanish tiles, laid in cement on book tiles, supported by steel framing.

6. Heating and ventilation—Hot air blast system with automatic regulation of temperature in all the rooms; air to be changed once an hour in vestibule, halls, corridors, and stack room, and five and one-half times an hour in all other rooms.

These recommendations were adopted.

Mr. Graham asked to be excused from serving as a member of the Committee on Instruction, and his request was granted. The President appointed Mr. Raymond in his place.

On recommendation of the Buildings and Grounds Committee, \$1,800.00 was appropriated for payment of architects' services.

The Committee on Instruction made the following report, which was adopted:

URBANA, ILL., March 12, 1896.

#### Io the Board of Trustees, University of Illinois.

GENTLEMEN: The Committee on Instruction recommends the acceptance of Mr. Gunn's resignation.

It also recommends that the suggestions with regard to changes in the catalogue, made by the Faculty, be approved, and that Assistant Professor Tooke's title be Assistant Professor of Public Law and Administration, and that the word "Industrial" be dropped from the name of the department of "Industrial Art and Design," and from the title of Professor Frederick.

Also, that the request for a medal for the high school whose team shall win the inter-scholastic debate be approved, value not to exceed \$20.00.

Respectfully submitted,

LUCY L. FLOWER, JULIA HOLMES SMITH, I. S. RAYMOND,

Committee on Instruction.

For improving the water supply in the machine shops and Military Hall, \$225.00 was appropriated, and the Committee on Buildings and Grounds was instructed to give the matter immediate attention.

Thirty dollars was appropriated for a drinking fountain in University Hall.

For the purchase of Welshbach gas burners \$200.00 was appropriated.

Upon the recommendation of President Draper, and, on motion of Mr. McLean, the following resolution was passed:

*Resolved*, That the name of the Athletic Park be changed to that of "Illinois Field," and that the care of the same be given to the Superintendent of Buildings and Grounds, and that the sum of \$250.00 be appropriated for improvements thereat.

The Board adjourned to meet at the call of the President.

J. E. ARMSTRONG,

W. L. PILLSBURY,

President.

Secretary.