

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 9, 1948



The annual meeting of the Board of Trustees of the University of Illinois was held on Tuesday, March 9, 1948, at the Blackstone Hotel, in Chicago, according to the following schedule:

10 a.m. — Executive session as in Committee of the Whole.

2 p.m. — Open session.

The following members were present: President Livingston, General Davis, Mr. Fornof, Mrs. Holt, Dr. Luken, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell, Mr. Williamson.

President Stoddard was present; also Provost C. R. Griffith, Assistants to the President A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and, during part of the day, Mr. D. E. Dickason, Director of Nonacademic Personnel.

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the agenda for the meeting and took action on the following matters presented by the President of the University.

**APPROPRIATIONS FOR PROPERTY PURCHASES
AND IMPROVEMENTS**

(1) The Committee on Special Appropriations and Nonrecurring Expenditures recommends that appropriations be made from the General Reserve Fund for the following purposes:

1. Purchase of the property at 404 South Mathews Avenue, Urbana—\$20,000. This is a lot, 59' x 100' with a 19-room frame house which has been used as a student rooming house. The property is in the block bounded by Green Street, Goodwin Avenue, Illinois Street, and Mathews Avenue, and is in an area which the University needs to acquire for future campus expansion. The University already owns two properties adjoining the one at 404 South Mathews.

2. Purchase of the property at 1106 West Green Street, Urbana—\$15,000. This is a vacant lot with a frontage of 76 feet and is 264 feet deep. It is contiguous to University owned land and is in an area which the University will need to acquire for future campus expansion. In the meantime, the property could be used as a parking lot for the occupants of the Student and Staff Apartments to be constructed on the other side of Green Street.

3. Alterations and furnishings for the houses at 402 and 404 South Mathews Avenue and at the rear of 606 South Mathews for office space—\$28,000.

The houses at 402 South Mathews and at the rear of 606 South Mathews, already owned by the University, have been assigned to the College of Liberal Arts and Sciences for staff offices. The house at 404 South Mathews will also be used as office quarters but has not yet been assigned.

On motion of Mr. Nickell, these purchases were authorized, and the appropriations were made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Dr. Luken, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Meyer.

PATENTABLE DISCOVERIES

(2) The University Research Board has submitted the following reports and recommendations relating to patentable discoveries by members of the staff:

1. *Solvent Extraction of Thorium*. In studying the problem of separation of the rare earths by solvents extraction, a means has been found which permits the preferential extraction of thorium. This is the result of research work in the Department of Chemistry under a task order on a contract the University has with the Office of Naval Research. The work was done under the supervision of Professor Ludwig F. Audrieth. Under the terms of the contract with the Navy the University must in any case give the Navy a royalty-free non-exclusive license under any patent that may issue. Aside from this consideration, the new process is almost exclusively of governmental interest. The Research Board therefore recommends full release of patent rights to the United States Government through the Office of Naval Research. Others who have participated in this research are Professor E. W. Comings and Mr. George F. Asselin, a graduate student.

2. *Development of a New Polymer*. Professor C. S. Marvel of the Department of Chemistry and Paul H. Aldrich, Assistant in Chemistry, have developed a new polymer, made by the addition of hexamethylene dimercaptan to diallyl. This polymer melts too easily to make a suitable synthetic fiber, but on oxidation it is converted to a polysulfone which does melt high enough to be of interest as a fiber. They have not yet been able to cold-draw the polysulfone, but believe this detail can be developed. From a scientific point of view, the discovery is very interesting and may have some patentable features, but there is a great deal of prior art in this field and two previous patents issued will undoubtedly dominate any claims which can be made by Messrs. Marvel and Aldrich. It is the judgment of the University Research Board that the University is not in a

position to benefit from a possible patent on this discovery and the Board recommends release to the discoverers.

I concur in the recommendations of the Research Board.

Dr. Luken reported that the Committee on Patents recommends approval.

On motion of Dr. Luken, these releases were authorized as recommended.

OPEN SESSION

When the Board convened in open session at 2 p.m. on March 9, 1948, the following members were present: General Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell, Mr. Williamson.

President Stoddard was present; also Assistants to the President A. J. Janata and Wilbur Schramm; Secretary H. E. Cunningham, Comptroller Lloyd Morey, Legal Counsel W. E. Britton, and Mr. J. F. Wright, Director of Public Information.

MR. JOHN R. FORNOF ELECTED PRESIDENT OF THE BOARD

Mr. Livingston acted as chairman of the meeting for the election of a president.

General Davis nominated Mr. John R. Fornof, of Streator, for the office of President of the Board for the ensuing year.

On motion of Mr. Nickell, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Fornof as President. The ballot was cast, and Mr. Fornof was declared elected President of the Board.

Mr. Fornof took the chair and expressed his appreciation of the honor.

APPRECIATION OF SERVICES OF PRESIDENT LIVINGSTON

On motion of Mrs. Holt, the Board made record of its appreciation of the untiring efforts and effective leadership of Mr. Park Livingston as President of the Board during the past five years. On request of President Stoddard, the President and the administrative staff of the University were permitted to join with the Board in this expression of good will to Mr. Livingston.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On nomination of Mr. Livingston and on motion of Mr. Williamson, Mr. Harrison E. Cunningham, of Urbana, was elected Secretary of the Board for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On nomination of Mr. McLaughlin and on motion of Mr. Nickell, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

Mr. McKelvey nominated Mr. Park Livingston, and Mr. Williamson nominated Mr. Chester R. Davis, to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Mr. McLaughlin, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Livingston and Mr. Davis as members of the Executive Committee. The ballot was cast, and Mr. Livingston and Mr. Davis were declared elected.

AUTHORITY TO RECEIVE MONEY

On motion of Mrs. Holt, the following resolution was adopted:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

DELEGATION OF SIGNATURES

On motion of Mr. Nickell, the following resolution was adopted:

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, and to W. D. Green in Urbana, and to H. A. Hazleton, to J. F. Knight, and to E. M. Reeves in Chicago, and to H. R. Kobes and Mabel F. Meek, in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and to C. C. DeLong and to H. F. Thornes in Urbana, and to H. A. Hazleton, J. F. Knight, and E. M. Reeves, in Chicago, and to W. J. English and B. W. Benedict in Galesburg, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon and to Helen L. Smith, in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis, in Chicago, and to L. O. Kerwood and Lois Herron, in Galesburg, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freida M. Hicks and to Lean C. Ryan, in Springfield, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of Irvin L. Porter, Treasurer of this Corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: John R. Fornof, President, and H. E. Cunningham, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile

signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

STANDING COMMITTEES FOR 1948-1949

President Fornof appointed the following standing committees of the Board for 1948-1949 on March 17, 1948. They are printed here as provided in the By-Laws.

Agriculture

WALTER W. McLAUGHLIN, Chairman
FRANK H. McKELVEY
KARL A. MEYER

Civil Service and Employees

PARK LIVINGSTON, Chairman
FRANK H. McKELVEY
WALTER W. McLAUGHLIN

Alumni

PARK LIVINGSTON, Chairman
MARTIN G. LUKEN
MRS. DORIS S. HOLT

Finance

KENNEY E. WILLIAMSON, Chairman
CHESTER R. DAVIS
FRANK H. McKELVEY

Athletic Activities

CHESTER R. DAVIS, Chairman
KARL A. MEYER
KENNEY E. WILLIAMSON

General Policy

WALTER W. McLAUGHLIN, Chairman
CHESTER R. DAVIS
FRANK H. McKELVEY
MRS. DORIS S. HOLT

Buildings and Grounds

FRANK H. McKELVEY, Chairman
WALTER W. McLAUGHLIN
MRS. DORIS S. HOLT
PARK LIVINGSTON
KARL A. MEYER

Patents

MARTIN G. LUKEN, Chairman
KENNEY E. WILLIAMSON
CHESTER R. DAVIS

Chicago Departments

KARL A. MEYER, Chairman
MARTIN G. LUKEN
CHESTER R. DAVIS
PARK LIVINGSTON

Student Welfare and Activities

MRS. DORIS S. HOLT, Chairman
KENNEY E. WILLIAMSON
WALTER W. McLAUGHLIN

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(1) I submit the following nominations for reappointments and new appointments to the Board of Directors of the Athletic Association to be effective March 15. This date is specified because the Board of Directors has an important meeting scheduled for March 11 and it would be impracticable for the new Board to meet on such short notice. The organization of the new Board will take place at the April meeting.

Faculty

GEORGE B. WEISIGER, Professor of Law
FRANK H. BEACH, Associate Professor of Business Organization and Operation
CHARLES W. SANFORD, Associate Professor of Education and Coordinator of Teacher Education
PAUL N. LANDIS, Professor of English and Vice-Chairman of the Department of English (*new appointment*)

Alumni

C. E. LOVEJOY, JR., Class of 1920, Vice-President of *Sales Management*, 333 North Michigan Avenue, Chicago
MILTON M. OLANDER, Class of 1922, Director of Industrial Relations, Owens-Illinois Glass Company, Toledo, Ohio
LAWRENCE A. PETERSON, Class of 1931, Realtor (L. A. Peterson and Company), 1305 Chicago Avenue, Evanston, Illinois (*new appointment*)

Professor Landis will replace Professor Leslie E. Card, who has been on the Board of Directors since July 22, 1941.

Mr. Peterson will replace Mr. Lowell Spurgeon, who has been on the Board of Directors since March, 1943.

On motion of Mr. Williamson, these appointments were made as recommended.

SABBATICAL LEAVES OF ABSENCE, 1948-1949

(2) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1948-1949 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated:

LEAVES OF ABSENCE FOR THE FULL YEAR ON ONE-HALF PAY

JAMES H. BARTLETT, Professor of Physics
 DAVID G. BOURGIN, Professor of Mathematics
 MAHLON M. DAY, Associate Professor of Mathematics
 LAWRENCE W. MURPHY, Professor of Journalism
 JOHN A. NICHOLSON, Associate Professor of Philosophy
 HERBERT PENZL, Assistant Professor of German
 ARTHUR W. SECORD, Professor of English
 MARY L. SHAY, Assistant Professor of History
 BENJAMIN F. TIMMONS, Associate Professor of Sociology
 ORVILLE T. BONNETT, Professor of Plant Genetics
 (The full year leave is conditional upon the award of a Guggenheim Fellowship for which he has applied. If the fellowship is not received, it is recommended that he be given leave on full pay for six months from October 15, 1948.)

LEAVES OF ABSENCE FOR ONE-HALF YEAR ON FULL PAY

CLARENCE A. BERDAHL, Professor of Political Science, first semester
 JAY C. HACKLEMAN, Professor of Crops Extension, six months beginning March 1, 1949
 HENRY R. KAHANE, Associate Professor of Spanish, Portuguese, and Italian, first semester
 DONALD L. KEMMERER, Associate Professor of Economics, second semester
 DAVID E. LINDSTROM, Professor of Rural Sociology, six months beginning July 1, 1949
 ROBERT C. ROSS, Professor of Agricultural Economics, six months beginning February 1, 1949
 RAYMOND P. STEARNS, Associate Professor of History, second semester
 FRED W. TANNER, Professor of Bacteriology, first semester
 OSWALD TIPPO, Associate Professor of Botany, second semester
 HAROLD R. WANLESS, Professor of Geology, second semester
 FREDERICK F. WEINARD, Associate Professor of Floriculture, six months beginning March 1, 1949
 WILLIAM W. YAPP, Professor of Dairy Cattle Husbandry, six months beginning August 1, 1948

LEAVES OF ABSENCE FOR ONE-HALF YEAR ON ONE-HALF PAY

AURELIO E. FLORIO, Assistant Professor of Physical Education, second semester
 JOHN M. MATHEWS, Professor of Political Science, second semester

The programs of research, study, and travel for which these leaves are being requested have been examined by the University Research Board which advises the President in such matters. The Research Board's report to the President includes a supporting evaluation of the program in terms of benefits to the University and to the individual in each specific case recommended.

While the number of sabbatical leaves being recommended for 1948-1949 may seem large, it should be remembered that relatively few sabbatical leaves were requested and granted during World War II, so that there is an accumulation

of such requests. In the two years immediately preceding the war, twenty leaves were granted for 1938-1939 and twenty-three for 1939-1940, although some in the latter group were subsequently cancelled at the requests of the applicants after the war began.

On motion of Mr. McLaughlin, these leaves were granted as recommended.

CERTIFICATES FOR POSTGRADUATE COURSE IN DENTISTRY

(3) The Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend the granting of certificates to postgraduate students in orthodontia who have completed a minimum of one year of work in full-time residence. The Board of Trustees on recommendation of the University Senate has previously authorized certificates for postgraduate programs in the College of Medicine.

The certificates will serve to give recognition to those practitioners who have completed training in a recognized specialty in the dental profession.

I concur.

On motion of Mr. Nickell, these certificates were authorized as recommended.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(4) The Committee on Special Appropriations and Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

1. Equipment for the Department of Ceramic Engineering.....	\$29 000
2. Equipment for the Department of Dairy Production.....	10 000
3. Equipment and temporary lighting for the College of Fine and Applied Arts.....	9 876
4. Improvements in Room 155 Natural History for the Department of Botany.....	3 664
5. Equipment for Management courses and purchase of office equipment for College of Commerce.....	3 521
<i>Total</i>	<u>\$56 061</u>

On motion of Mr. McKelvey, these appropriations were made as recommended, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Mr. McLaughlin, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Green, Dr. Luken, Dr. Meyer.

ADDITION TO THE GENERAL CONTRACT FOR THE ELECTRICAL ENGINEERING BUILDING

(5) The Physical Plant Department recommends a change in the construction of the Electrical Engineering Building by substituting four inches of brick for the Haydite block construction originally specified for the center of the exterior walls. Wall leakage has occurred in the Physics Research Laboratory recently constructed and it is the opinion of the University Architect that this is probably due to the use of concrete brick made with Haydite aggregate which forms a part of the exterior wall construction.

The John Felmley Company has submitted an estimate of \$2,567.62 for the additional cost of the change in the construction of the exterior walls of the Electrical Engineering Building.

The Director of the Physical Plant Department and the Comptroller recommend that the change be made.

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute an addition to the contract.

On motion of Mrs. Holt, this addition to contract was approved and authority given as recommended.

**AWARD OF CONTRACT FOR ASPHALT TILE FLOORS IN THE
DENTISTRY, MEDICINE, AND PHARMACY BUILDING**

(6) Bids were received for the installation of asphalt tile flooring in Rooms 106, 221, and 423 Dentistry, Medicine, and Pharmacy Building as follows:

<i>Bidder</i>	<i>Amount</i>	<i>Remarks</i>
General Floor Corporation	\$3 256	Complete
C. E. Korsgaard Co.....	4 180	Add \$275 for tile on stair risers
Thos. Moulding Floor Mfg. Co.....	2 659	<i>Incomplete</i> ; does not include stair risers or handling of lecture room seats

The Director of the Physical Plant and the Comptroller recommend that the contract be awarded to the General Floor Corporation in the amount of \$3,256.

The bid from the Thos. Moulding Floor Mfg. Company was disqualified because it did not include all the work specified. The value of the work not included in their bid is considerably more than the difference between their bid and that of the General Floor Corporation.

Funds are available in the Physical Plant Department budget for this improvement.

I concur, and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. McLaughlin, this contract was awarded, and authority given as recommended.

**AWARD OF CONTRACT FOR FIRE PROTECTION
SYSTEM — CHICAGO**

(7) The following bids have been received for a new fire protection system in the Chicago Professional College buildings:

<i>Bidder</i>	<i>Amount</i>
M. J. Corboy Co., Chicago.....	\$18 600
O'Callaghan Bros., Chicago.....	24 750
H. P. Reger Co., Chicago.....	23 300
J. W. Holt Co., Chicago.....	39 370

This is an important project; the present fire protection system is without water due to underground leaks and failure of piping.

The Director of the Physical Plant Department and the Comptroller recommend award of the contract to the lowest bidder, M. J. Corboy Company, at \$18,600. Funds have been budgeted for this purpose.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded, and authority given as recommended.

**AWARD OF CONTRACT FOR INSTALLATION OF
NEW FIRE ALARM SYSTEM — CHICAGO**

(8) Bids have been received for the installation of a new fire alarm system in the buildings of the Chicago Professional Colleges as follows:

<i>Bidder</i>	<i>Amount</i>	<i>Installation</i>
E. P. Allison Co., Chicago.....	\$32 108	150 days
Edward Electric Co., Chicago.....	38 007	180 days
Hatfield Electric Company, Indianapolis..	40 800	200 days
Meade Electric Co., Chicago.....	39 500	30 days
White City Electric Co., Chicago.....	43 502	200 days
Emerson Comstock Company, Inc., Chicago	34 000	6 mos.

The survey of mechanical facilities in the Chicago Professional Colleges by Holabird and Root, indicates that the present fire alarm systems, particularly in the buildings acquired from the Department of Public Welfare, are in a deplorable state, a serious situation in the operation of hospitals. This project has been

given top priority in the replacement and modernization projects scheduled for 1947-1948.

The Director of the Physical Plant Department and the Comptroller recommend award of the contract to the lowest bidder, the E. P. Allison Company, at \$32,108. Funds are available in the Physical Plant operation and maintenance budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Livingston, this contract was awarded, and authority given as recommended.

PURCHASES

(9) There are submitted herewith recommendations for purchases for approval by the Board, and purchases authorized by the President of the University (see Appendix, page 1052).

On motion of Mr. Williamson, purchases were authorized as recommended, and the action of the President of the University in authorizing emergency purchases was confirmed and approved.

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

(10) A report of gifts and grants of funds for research and other purposes received by the University since the last report on November 29, 1947 (see Appendix, page 1053).

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(11) The Comptroller presents his quarterly report to the Board as of December 31, 1947. Copies of this report have been sent to all members of the Board in advance of this meeting.

This report was received for record.

ADDITION TO CONTRACT FOR UTILITIES DISTRIBUTION SYSTEM, URBANA-CHAMPAIGN

(12) The contract for the construction of the enlargement and extension of the utilities distribution system at Urbana-Champaign does not include lateral connections to the various buildings. The cost of such connections is properly chargeable to the appropriation for each building and in most cases the new building construction details had not been developed to include lateral connections at the time the contract for the utilities distribution system was let.

The Director of the Physical Plant Department and the Comptroller recommend an increase of \$4,328.85 in the contract with the Warner Construction Company for the construction of a conduit duct connecting the new Women's Residence Hall on Lincoln Avenue with the utilities distribution system. The Warner Construction Company has the contract for the construction of this building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this addition to the contract.

On motion of Mrs. Holt, this addition to contract was approved and authority given as recommended.

SUB-CONTRACT FOR BETATRON ERECTION

(13) On January 8, 1948 (Minutes, page 961), the Board of Trustees approved a contract with the Allis-Chalmers Manufacturing Company of Milwaukee for the supervision of the assembly and erection of the 300-mev Betatron. As a part of this contract, authority was given to the Allis-Chalmers Company to employ labor and purchase material if such purchases of over \$25 were approved in advance by the University and did not exceed in total the sum of \$25,000.

The Allis-Chalmers Company now requests authority to execute a contract with the Pennoyer Merchants Transfer Company for the actual rigging required for the 300-mev Betatron. This proposed contract provides for charges to be computed on the basis of fixed hourly rates varying by the class of labor used. The estimated total cost of this work is \$20,800.

The proposed hourly rates to be charged under this contract have been checked and have been found to be about the same as those quoted by other firms for this work.

Professors Donald W. Kerst, F. W. Loomis, and Dean M. L. Enger recommend that the Allis-Chalmers Company be authorized to sub-let this work for the following reasons:

1. The supervision of the erection is the responsibility of the Allis-Chalmers erection department.

2. There will be no question of divided responsibility as there would be if the University contracted directly with the rigging company.

3. Pennoyer Merchants Transfer Company has worked with Allis-Chalmers before on similar jobs and Allis-Chalmers' erection engineers are satisfied the Company can do this one satisfactorily.

The Director of Purchases and the Comptroller have reviewed the proposed contract and concur in the recommendation.

I concur.

On motion of Mr. Nickell, the sub-letting of this work was authorized as recommended.

PURCHASE AND INSTALLATION OF PUBLIC ADDRESS SYSTEMS FOR THE CHICAGO UNDERGRADUATE DIVISION

(14) The Dean of the Chicago Undergraduate Division at Navy Pier has requested the purchase of the following described public address equipment for the uses indicated:

1. Two public address systems for the Drill Hall. The Department of Physical Education has requested these systems to cover simultaneously a class at the north end of the Drill Hall for men and another in the south end for women.

2. A public address system for the Auditorium at the east end of the Pier to be used for lectures, meetings, and examinations.

3. Two portable units of 25 watts each to be used in lecture rooms and rented to University organizations requiring public address systems.

4. Two portable automatic record changers for use with the above equipment.

5. A program console to provide flexible control of program pickup. This will make it possible to add four microphones and to combine the two systems in the Drill Hall and the Auditorium for large meetings.

The following bids have been received on this equipment installed: Boom Electric Company, Chicago, \$6,930; Johnson Electric Company, Chicago, \$7,191.

The Director of the Physical Plant Department and the Comptroller recommend award of the contract for \$6,930 to the Boom Electric Company, the lowest bidder. Funds are available in the Physical Plant Department budget for this purchase.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contract.

On motion of Mr. McKelvey, this contract was awarded, and authority given as recommended.

CASE OF WALTER R. REEVE

At this point, the Secretary read a telegram from Attorney H. F. Simonson to the President of the Board, requesting reconsideration of action in the case of Mr. Walter R. Reeve (Minutes, February 21, 1948, page 1003).

The Board requested the Director of Nonacademic Personnel to inform Mr. Simonson that its action of February 21, 1948, was final.

SECRETARY'S REPORTS

The Secretary presented the following lists for record, as printed in the Appendix.

1. Appointments made by the President of the University (page 1050).
2. Resignations, declinations, and cancellations (page 1051).

On motion of Mr. Livingston the Board adjourned, to meet on call.

H. E. CUNNINGHAM
Secretary

JOHN R. FORNOF
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- BESTOR, C. L., Scholar, Music, four months beginning February 1, 1948, \$250 (2-19-48).
- BOULET, J. L. L., Special Research Associate, Electrical Engineering (S) ($\frac{1}{4}$), six months beginning March 1, 1948, \$1300 a year, supersedes (2-27-48).
- CHEN, CHIA-YUNG, Magnavox Fellow, Chemistry, eight months beginning February 1, 1948, \$750 (2-26-48).
- COATES, C. L., JR., Instructor, Electrical Engineering (C), ten months beginning September 1, 1948, \$3200 a year (2-23-48).
- COLEMAN, MRS. SHIRLEY W., Personnel Technician, Student Personnel Bureau, six months beginning March 1, 1948, \$200 a month (3-5-48).
- COMEFORO, J. E., Illinois Clay Products Company Fellow, Ceramic Engineering, February 1, 1948-January 31, 1949, excluding July and August, \$2000 (3-2-48).
- CONE, L. W., JR., Instructor, Social Sciences (Undergraduate Division in Chicago) ($\frac{2}{7}$), five months beginning February 1, 1948, \$90 a month (2-27-48).
- DELORENZO, W. F., Assistant, Bacteriology, five months beginning February 1, 1948, \$1200, supersedes (3-5-48).
- DIXON, W. R., JR., Assistant Professor, Education, one year beginning September 1, 1948, \$4000 (2-24-48).
- ECKERT, ELEANOR C., Special Research Assistant, Home Economics (C), March 15-June 30, 1948, \$225 a month (3-6-48).
- FRY, F. J., Special Research Associate, Electrical Engineering (S) ($\frac{3}{4}$), seven months beginning February 1, 1948, \$325 a month, supersedes (2-19-48).
- FULLER, PATRICIA, Instructor, Humanities (Undergraduate Division in Chicago), five months beginning February 1, 1948, \$300 a month (2-27-48).
- FURST, VALENTIN, Visiting Research Associate, Medicine (Medicine), ten months beginning January 1, 1948, \$360 a month (2-24-48).
- GRISSOM, R. L., Clinical Assistant, Medicine (Medicine), eight months beginning January 1, 1948, without salary (2-23-48).
- GROSSMAN, A. A., Clinical Assistant, Otolaryngology (Medicine), without salary, Consultant, Division of Services for Crippled Children, \$200 a month, eleven months beginning October 1, 1947, supersedes (3-5-48).
- HECKERT, R. E., Minnesota Mining Fellow, Chemistry, four months beginning February 1, 1948, \$600 (2-26-48).
- HERMAN, HAROLD, Special Research Associate, Electrical Engineering (S) ($\frac{1}{2}$), seven months beginning February 1, 1948, \$2000 a year (2-19-48).
- HESSLER, V. P., Professor, Electrical Engineering (C), indefinite tenure beginning September 1, 1948, \$6000 a year (2-27-48).
- HICKMAN, JANET E., Assistant, Home Economics Research (S), February 15-June 30, 1948, \$200 a month (3-5-48).
- HOOD, MRS. ELLEN G., Instructor, Physical Sciences (Undergraduate Division in Chicago) ($\frac{1}{3}$), five months beginning February 1, 1948, \$100 a month (3-5-48).
- ILES, MRS. BESSIE P., Instructor, Music, five months beginning February 1, 1948, \$300 a month (3-5-48).
- INABNIT, D. J., Research Assistant, Bureau of Research and Service, February 15-June 30, 1948, \$2800 a year (2-24-48).
- JANOWITZ, HENRY, Research Fellow, Clinical Science (Medicine), February 2-August 31, 1948, without salary (2-27-48).
- KAISER, G. D., Clinical Instructor, Surgery ($\frac{1}{4}$), Anatomy ($\frac{1}{4}$), (Medicine), seven months beginning February 1, 1948, \$1500 a year, supersedes (2-26-48).
- KAULFERS, W. V., Professor, Education, one year beginning September 1, 1948, \$6000 (3-6-48).
- KOEHLER, K. E., Assistant, Architecture, five months beginning February 1, 1948, \$240 a month, supersedes (2-27-48).
- LANE, MRS. ALICE M., Assistant, Spanish, five months beginning February 1, 1948, \$1200, supersedes (2-24-48).

- LEHMANN, MRS. VIRGINIA, Lecturer, Social Welfare Administration, four months beginning February 1, 1948, \$500 (2-19-48).
- LENG, E. R., Assistant Professor, Plant Genetics and Plant Genetics Research (Agronomy) (C & S), June 1, 1948-August 31, 1949, \$4200 a year (2-26-48).
- LEPSON, MRS. INDA R., Instructor, Mathematics, five months beginning February 1, 1948, \$1700 (3-5-48).
- MARCHETTI, P. V., Instructor, Psychology, one year beginning September 1, 1948, \$3600 (2-27-48).
- MCCLANATHAN, DONALD, First Year Resident, Anesthesia (Research and Educational Hospitals), four months beginning February 1, 1948, \$55 a month, also to be provided full maintenance valued at \$384 a year (3-5-48).
- MOSSMAN, K. D., Assistant, Economics, five months beginning February 1, 1948, \$1200 (2-19-48).
- MURPHY, W. D., Assistant State Leader, Farm Advisers (E), January 31-August 31, 1948, \$6160 a year, supersedes (3-5-48).
- NEWMAN, EDWARD, Research Fellow, Clinical Science (Medicine), eight months beginning January 1, 1948, without salary (2-27-48).
- OLSON, MRS. ANN E., Instructor, Foreign Languages (Undergraduate Division in Chicago), five months beginning February 1, 1948, \$300 a month (2-27-48).
- PETERSON, E. W., Visiting Research Associate, Psychiatry (Medicine), eight months beginning January 1, 1948, \$5000 a year (2-24-48).
- PETTICREW, G. A., Special Research Assistant, Electrical Engineering (S), six months beginning March 1, 1948, \$275 a month, supersedes (3-5-48).
- PURNELL, LYLE, Jansky and Bailey Fellow, Electrical Engineering, one year beginning February 1, 1948, \$750 (2-26-48).
- ROGERS, R. W., Assistant Professor, English, one year beginning September 1, 1948, \$4200 (2-26-48).
- ROUGH, F. A., Scholar, Metallurgical Engineering, four months beginning February 1, 1948, \$250 (2-26-48).
- SEYLER, J. W., Assistant, Civil Engineering (C), five months beginning February 1, 1948, \$240 a month, supersedes (3-5-48).
- SMITH, MRS. KEO G., Registered Pharmacist, Hospital Pharmacy (Pharmacy) (4/5), five months beginning February 1, 1948, \$240 a month (2-23-48).
- STONE, G. P., Instructor, Social Sciences (Undergraduate Division in Chicago) (2/5), five months beginning February 1, 1948, \$120 a month (3-5-48).
- TAUB, A. H., Research Professor, Applied Mathematics (7/8), seven months beginning February 1, 1948, \$3750 for the period; (full time) indefinite tenure beginning September 1, 1948, \$8500 a year (2-27-48).
- TERRILL, S. W., Instructor, Animal Science (C & S), seven months beginning February 1, 1948, \$3600 a year, supersedes (2-19-48).
- VANNICE, ESTHER, Assistant, Spanish, five months beginning February 1, 1948, \$1200, supersedes (2-24-48).
- WELLS, C. K., First Year Resident, Anesthesia (Research and Educational Hospitals), February 16-June 30, 1948, \$55 a month, also to be provided full maintenance valued at \$384 a year (3-5-48).
- WERMINE, C. F. H., Assistant, Journalism, five months beginning February 1, 1948, \$1200 (2-24-48).
- YOUNG, S. H., Assistant, Economics, five months beginning February 1, 1948, \$1200 (2-19-48).
- ZENZIPER, MARION, Research Assistant, Allergy Unit (Medicine), February 16-August 31, 1948, \$200 a month (2-19-48).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- BEEM, H. D., Instructor, Bureau of Research and Service—declination effective 2-1-48.
- CHU, CHIA-CHEN, Scholar, Chemistry—declination effective 2-1-48.
- HOUGH, L. F., Assistant Professor, Plant Breeding and Plant Breeding Research (Horticulture) (C & S)—resignation effective 3-15-48.
- HUSA, MRS. RUTH, Assistant, Music—resignation effective 2-1-48.
- JOHNSON, R. E., Clinical Instructor, Medicine (Medicine)—resignation effective 2-13-48.
- KENNEY, L. A., Bibliographer, rank of Instructor, Acquisition (Library)—resignation effective 4-1-48.

KLEBAN, W. G., Scholar, Mechanical Engineering—cancellation effective 2-1-48.
KOPSTEIN, B. B., Clinical Instructor, Pediatrics (Medicine)—declination effective 9-1-47.

KROGDAHL, P. J., Special Research Assistant, Theoretical and Applied Mechanics (S)—declination effective 2-16-48.

LEVY, GEORGE, Clinical Assistant, Medicine (Medicine)—resignation effective 1-31-48.

MODJESKI, P. J., Assistant Professor, Prosthetic Dentistry (Fixed Crowns and Bridges) (Dentistry)—resignation effective 5-1-48.

SPOOR, THETA A., Microanalyst, Chemistry—resignation effective 3-16-48.

STEELE, R. L., Assistant, Mechanical Engineering (C)—declination effective 2-1-48.

VON DER GATHEN, H. G., Instructor, Mechanical Engineering (C)—declination effective 2-1-48.

PURCHASES

Purchases Recommended

The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid, or because the item is noncompetitive, or to obtain earliest delivery.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Four Weston Model 6222 multi-range milliammeter 100/10/1/0.1 Ma; 5 Weston Model 267 milliammeter 1 Ma; 4 Weston Model 267 milliammeter 50 Ma; 5 Weston Model 267 milliammeter 10 Ma; 2 Weston Model 769 multi-meter	Electrical Engineering	Weston Electrical Instrument Co., Chicago	\$1 135 30 f.o.b. Newark, N.J.
One Model 205AG and 1 Model 205AH Hewlett-Packard audio signal generators; 3 Model 410A Hewlett-Packard voltmeter	Electrical Engineering	Hewlett-Packard Co., Palo Alto, Calif.	1 754 75 f.o.b. Urbana
Five Model 302 Ballantine Voltmeter	Electrical Engineering	Ballantine Laboratories, Inc., Boonton, N.J.	1 010 00 f.o.b. Urbana
One Model 279, #1386E dual beam oscillograph, Dumont	Electrical Engineering	Alfred Crossley and Associates, Chicago	1 294 50 f.o.b. Urbana
Two 1948 "140" Cessna airplanes	Institute of Aeronautics	Taynor-Harris Aviation Service, Champaign	6 155 25
2400 copies <i>Ferment in Education</i> to be bound in accordance with specifications	Print Shop	Brock & Rankin, Chicago	1 440 00
One 1948 Ford 8-cylinder pickup truck to replace 1937 International truck	Food Technology	Dana Hudelson, Inc., Champaign	1 433 74
One Farmall tractor; 1 fertilizer attachment; 1 corn planter (two-row); 1 lift cultivator (two-row); 1 5-ft. harvester thresher	Agronomy	International Harvester Co., Kankakee	2 450 19
Five composite Kodachrome prints, 4200 feet each together with title, recording, cutting, and other necessary services on original film	Division of Services for Crippled Children	Burton Holmes Films, Inc., Chicago	Not to exceed 11 887 50
One International panel body truck to replace 1938 Plymouth pickup truck	Veterinary Medicine	Power Farm Implement Co., Champaign	1 188 24
Two Type 160 A Boonton Q meters; 2 replacement thermocouples for 160 A Q meter; 2 complete sets Type 103A inductors for Q meters, 1, 2, 5, 11, 12, 15, 21, 22, 25, 31, 32, 35, 41, 42; 4 Type 141-B coupling units for Boonton Q meter; 1 Type 170 A Boonton Q meter	Electrical Engineering	Boonton Radio Corp., Boonton, N.J.	2 159 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fifteen 6-ft. disc harrows for use at soil experiment fields at different locations in the state	Agronomy	Dillavou & Bland, Urbana	2 718 75
Karagheusian "Rosebrook" quality carpet to be laid in living rooms, corridors, and stairways of Busey and Evans Halls to replace carpets that are badly worn	Residence Halls	Stevens Rug & Linoleum Co., Champaign	20 745 00
One carload (approximately 45,000 lbs.) 40-pound newsprint in rolls	Alumni Association	C. J. Duffey Paper Co., Rock Island	170 00 a ton, or approximately 3 825 00
Paintings to be purchased in connection with the current Exhibition of Contemporary Arts, from "The Downtown Gallery," New York: "In a Garden of Ancient Loves" by Raymond Breinin, "Tide-water Shapes" by Julian E. Levi (\$1,980); from Julien Levy Galleries, New York: "Portrait of Rico Lebrun" by Eugene Berman (\$1,530); from Midtown Galleries, New York: "The Porch" by Philip Guston (\$1,350).	Fine and Applied Arts	The Downtown Gallery, New York City Julien Levy Galleries, New York City Midtown Galleries, New York City	1 980 00 1 530 00 1 350 00
One harpsichord	Music	John Challis, Detroit, Mich.	3 000 00
14 adult dental chairs; 4 child dental chairs	Dentistry	Ritter Company, Inc., Rochester, N.Y.	7 726 50 f.o.b. delivered
18 E and O lights for Ritter B 3 dental units, ivory tan finish	Dentistry	Pelton-Crane Co., Chicago	1 289 25
104 cases of assorted Pyrex glassware	Chicago General Stores	A. S. Aloe Co., St. Louis, Mo.	2 376 50

Purchases Authorized by the President of the University

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified the purchases were made on the basis of lowest bids, or because the items are noncompetitive, or to obtain earliest delivery.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fenwal intravenous solution apparatus to complement installation in the R & E Hospitals	Pharmacy	Harris and Wellman, Chicago	2 797 80
Approximately 55,127 pounds steel plates, I-Beams and Angles	Physics	Carnegie-Illinois Steel Co., Chicago	Estimate of 4 200 00

GIFTS AND GRANTS OF FUNDS FOR RESEARCH AND OTHER PURPOSES

Gifts

1. Mrs. Margaret Anderson, Morris, Illinois, \$2,000 to be added to the scholarship fund for students in the School of Music known as the "William Anderson Scholarship in Music" in memory of her late husband. The amount received to date is \$6,500.

2. Laundry Workers' International Union, \$1,500 in support of a fellowship for graduate work in the Institute of Labor and Industrial Relations.

3. Eastman Kodak Company, \$750 in support of a graduate scholarship in Business Organization and Operation during the summer term of 1947 and the first semester, 1947-1948.

4. Illinois Federation of Women's Clubs, Third Congressional District, \$660 to finance one student through the course in Occupational Therapy. This is the fourth scholarship that has been given by this organization; these grants now total \$2,640.

5. The Women of Rotary, Chicago, \$600 to be added to the Orthopaedic Gift Fund for Children.
6. Illinois Crop Improvement Association, \$500 to the Department of Agronomy to help defray the cost of publishing the Corn Performance Bulletin.
7. Kappa Alpha Theta North Shore Junior Auxiliary, Chicago, \$320 for the purchase of carts for the Department of Orthopaedic Surgery.
8. Miss Dorothy J. Dailey, Rockford, Illinois, \$300 to help a deserving student. Miss Dailey while attending the University received this amount from the Wensel Morava Scholarship Fund, and while it was an outright grant, she is now returning this money to help another student.
9. Ladies' Auxiliary to the Illinois Rural Letter Carriers' Association, \$279.25 for services to cancer patients.
10. Sigma of Chi Phi Memorial, \$250 for the purchase of such books as may be needed by the Library.
11. Brook Hill Farms, Inc., Chicago, \$100 for the renewal of a scholarship formerly known as the "Robert G. Morey Scholarship," but now to be known as the "Brook Hill Farms Scholarship."
12. Mr. Andrew M. Fairlie, Atlanta, Georgia, a portrait of his brother, the late Professor John A. Fairlie, for the Department of Political Science.
13. Fischer and Porter Company, Hatboro, Pennsylvania, a stabl-vis flow-rator with six floats to the Department of Mechanical Engineering.
14. Sinai Temple of Champaign-Urbana, \$50 to be awarded as a prize to an outstanding student in the School of Music.
15. Alumni of the College of Dentistry, \$2,657 for the purchase of books and other literature in the special field of Oral Surgery for the Department of Oral and Maxillofacial Surgery.
16. Mr. Philip K. Wrigley, Chicago, a Republic Seabee airplane to the Institute of Aeronautics. This craft was purchased by Mr. Wrigley recently for his personal use and is in good condition.

Grants for Research

1. Prairie Farms Creamery, Champaign, \$250 in support of a study by the Agricultural Experiment Station of the economic facts concerning the dairy industry in the Champaign-Urbana community.
2. Vio Bin Corporation, Monticello, \$200 for research on antibiotics in the Department of Horticulture.
3. Socony-Vacuum Oil Company, New York City, \$2,000 in continued support of a fellowship in chemistry during the academic year, 1948-1949.
4. Western Cartridge Company, East Alton, Illinois, \$2,000 for the continuation of research in chemistry during the academic year, 1947-1948.
5. The Upjohn Company, Kalamazoo, Michigan, \$1,461.60 for the renewal of the Upjohn Fellowship in Chemistry under the direction of Professor C. S. Vestling during the academic year, 1948-1949.
6. Abbott Laboratories, North Chicago, \$1,200 in support of a postdoctoral fellowship in chemistry for a study of mariahuana-like compounds under the direction of Professor Roger Adams.
7. Monsanto Chemical Company, St. Louis, Missouri, \$1,200 for the renewal of the Monsanto fellowship in chemistry during the academic year, 1948-1949, under the direction of Professor C. S. Marvel.
8. Illinois Clay Products Company, \$2,200 in support of a fellowship in Ceramic Engineering during the period September 1, 1947, to June 1, 1948.
9. Titanium Alloy Manufacturing Company, New York City, \$2,000 in support of a fellowship in Ceramic Engineering during the year 1947-1948.
10. United States Public Health Service, National Institute of Health, \$5,508 for a study of the isolation of cholecystokinin by Dr. A. C. Ivy, Vice President in charge of the Chicago Professional Colleges.
11. Mr. Roy G. Daum, East Chicago, Indiana, \$250 for research in dementia praecox, to be added to the Psychiatry Fund in the College of Medicine.
12. A patient in the Research and Educational Hospitals, Chicago, \$100 for research in the field of Somatoprostheses in the College of Dentistry.