

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 28, 1961



The November meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, November 28, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Earl M. Hughes and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Ralph F. Lesemann, Special Counsel, Dean K. J. McCristal of the College of Physical Education, Mr. Max Abramovitz, Architect for the Assembly Hall, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Thomas P. Parkinson, Director of the Assembly Hall; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 21, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 537 to 632, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DAVID LEE BRADY	Skokie	District of Columbia
JAMES ROBERT BRAGG	Arlington Heights	Pennsylvania
RICHARD ELWOOD	Park Forest	Indiana
RICHARD TOWNSEND FARRAND	Radnor, Pennsylvania	Pennsylvania
GARY STUART LASER	Chicago	Florida
JEROME HOWARD LIPMAN	Chicago	District of Columbia
GEORGE THOMAS MARTIN	Dubuque, Iowa	Iowa
ROBERT FREDERIC MEYERS	Hammond, Indiana	Indiana
MAURICE STANLEY NEWMAN	Hinsdale	New York
ROBERT GERALD SANFORD	Lombard	Wisconsin
IRWIN ISRAEL TUREN	Chicago	District of Columbia
PAUL WILLIAMS WILSON	Minneapolis, Minnesota	Utah

I concur.

On motion of Mr. Harewood, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ROBERT P. BENTZ, Assistant Professor of Poultry Marketing, Department of Agricultural Economics, beginning December 1, 1961, at an annual salary of \$9,500 (DY).
2. CAROLYN A. EDIE, Assistant Professor of History, Division of Social Sciences, Chicago Undergraduate Division, beginning September 1, 1961, on one-half time, at an annual salary of \$3,250 (B50).
3. ANGELA TOWNSEND FOLSOM, Consultant with rank of Assistant Professor of Psychology, beginning September 1, 1961, without salary (DY).
4. GEORGE K. GREEN, George A. Miller Visiting Professor of Physics, one month from November 20, 1961, at a salary of \$3,000 (G).
5. BERNARD LOUIS GREENE, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning October 1, 1961, without salary (DY).
6. MILES VINCENT KLEIN, Research Assistant Professor of Physics, beginning February 1, 1962, at an annual salary of \$7,800 (DY).
7. KATE HIRSCHBERG KOHN, Clinical Assistant Professor of Physical Medicine and Rehabilitation, College of Medicine, beginning November 1, 1961, without salary (DY).
8. PAUL M. NOVAK, Visiting Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, first semester of 1961-62, on one-third time, at a salary of \$2,000 (G33).

On motion of Mr. Pogue, these appointments were confirmed.

COLLEGE OF PHARMACY ADVISORY COMMITTEE

(3) The Dean of the College of Pharmacy recommends the appointment of Milton S. Prizant, Sales Manager, Gazzolo Drug and Chemical Company, Chicago, to the College of Pharmacy Advisory Committee for a term ending June 30, 1966. Mr. Prizant will replace Mr. Fred B. Kienzle, Midwest District Vice-President, McKesson and Robbins, Inc., Chicago, whose term has expired.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

**APPOINTMENT OF ASSISTANT TO THE PRESIDENT
IN CHARGE OF CHICAGO OFFICE**

(4) The public services of the University of Illinois require an office in Chicago as a headquarters for its general operations there, quite apart from the activities at the Medical Center and at Navy Pier. Office space has been available in the Illini Center, LaSalle Hotel, for many years, but the President's Office presently has no continuing staff at this location. I now request that the Board of Trustees authorize a new position, Assistant to the President in charge of the Chicago Office of the President, the duties to include the following assignments:

1. To represent the President at conferences and meetings in Chicago.
2. To supervise and manage the operations of the office, which will include providing services to University officers using the President's Office, to schedule conferences, to conduct interviews for the President, and to supply general information about the University.
3. To facilitate liaison among the several operations of the University of Illinois in the Chicago area.

I also recommend the appointment of Charles C. Caveny, presently Executive Dean of the Chicago Undergraduate Division, to this position, effective January 1, 1962. His knowledge of the Chicago area and his background of experience in the community, as well as his knowledge of the University as a whole, will make it possible for him to render effective and important service in this new assignment.

On motion of Mr. Swain, this appointment was approved.

PROGRESSIVE ADMISSION OF UNDERGRADUATE STUDENTS

(5) The Board of Trustees has authorized a plan of progressive admission of undergraduate students which establishes priorities for action on applications for admission according to a specified schedule. The All-University Committee on Admissions¹ recommends that the dates for the priority periods be modified as follows.

Period I—through April 14, 1962 (rather than through March 31)

Period II—from April 15 through May 31, 1962 (rather than April 1 through April 30)

Period III—after May 31, 1962 (rather than April 30)

Experience has shown that Periods I and II were of insufficient duration to permit the processing of all the applications received for those periods. Most of the applications for a given priority period are available prior to the beginning date indicated for that period. Applications received following the period during which they would normally be processed would be handled so that priority is given, so far as administratively feasible, to the best qualified applicants.

The Committee also recommends that the Dean of Admissions and Records be authorized to make adjustments in dates for priority periods as necessary from year to year.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

**REVISIONS IN CURRICULA IN THE COLLEGE
OF PHYSICAL EDUCATION**

(6) The Urbana-Champaign Senate recommends the following revisions and new curricula in the College of Physical Education:

¹ The progressive admission of undergraduate students plan as approved by the Board of Trustees was recommended by the University Senates. Since the change here proposed is only in the schedule of priorities, approval by the University Senates is not deemed necessary.

Municipal Park Administration. Authorization of a new municipal park administration option in the Department of Recreation to meet the urgent need for competent personnel in the rapidly growing park systems throughout the state of Illinois and the nation. There is no institution of higher learning in Illinois where preparation and training for this work is available.

Submitted herewith are the details of this new option, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

Dance. Authorization of a new curriculum in dance leading to the degree of Bachelor of Arts in Dance, in the Department of Physical Education for Women. The new curriculum will contribute to the program of the College and will offer basic preparation for dance performers, choreographers, and producers. It includes general education courses in humanities, social sciences, and biological sciences, and courses in the related arts of theatre, music, and art. The proposed curriculum is related directly to the degree of Master of Arts in Dance now offered, and is in addition to the option in teacher education curriculum in dance which fulfills the present requirements of a Bachelor of Science in Physical Education for women preparing to teach in public schools.

Submitted herewith are the details of the new curriculum, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval of the above proposals, subject to further action by the new State Board of Higher Education.

On motion of Mr. Swain, the foregoing recommendations were approved.

Physical Education for Men. The Urbana-Champaign Senate Committee on Educational Policy recommends, and the Executive Vice-President and Provost concurs, that a new course, Physical Education for Men 225, Supervised Experience in Physical Education, a noncredit course, be required of all students in the professional curriculum in physical education for men. Students in this professional training curriculum will be required to enroll in the new course for one semester during their junior year.

Although the Educational Policy Committee and the Office of the Executive Vice-President and Provost have advised that no further Senate or other actions are required, this being a minor change in requirements for graduation, it is nevertheless reported to the Board for record and confirmation.

On motion of Mr. Swain, this action was confirmed.

DOCTOR OF PHILOSOPHY IN RUSSIAN

(7) The Urbana-Champaign Senate recommends extension of the existing graduate program in Russian to include the Doctor of Philosophy degree. The formation and expansion of the Department of Russian, the rapid increase of interest in the field, and the number of candidates who wish to pursue studies beyond the recently established master's program indicate a definite need for this graduate program.

Admission Requirements. Applicants must meet the scholastic standards established by the Graduate College, and should have the equivalent of at least four years of Russian, including practical work in the use of the language and an advanced course in literature.

Degree Requirements. The candidate must meet the general requirements specified by the Graduate College with respect to credit, residence, minors, language proficiencies, thesis research, and the preliminary and final examinations. He may major in literature or in linguistics, but he must offer one minor in another language or literature, or in linguistics.

In addition to fulfilling all general requirements of the Graduate College, a candidate for the degree of Doctor of Philosophy in Russian will be required to have a reading knowledge of French and German and a knowledge of the development of the Russian language, including Church Slavonic (Russian 405). The candidate will be required to take at least six units in 400 courses (i.e., graduate courses) beyond the master's degree. The candidate may major either

in Russian literature or in Russian linguistics, but must offer a minor in another language or literature, or in linguistics.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the State Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve, except as otherwise indicated:

Urbana-Champaign

1. College of Agriculture	
Dixon Springs Experiment Station, improvements.....	\$ 9 250
Department of Home Economics, furnishings for Home Management House	2 725
2. College of Education	
Education, equipment	5 000
Industrial Education, equipment.....	1 500
Teacher Placement Office, equipment.....	2 190
University High School, equipment.....	4 280
3. College of Engineering	
Department of Mechanical and Industrial Engineering, thermal analogue computer	8 000
Department of Theoretical and Applied Mechanics, Universal testing machine and associated equipment.....	18 000
4. College of Fine and Applied Arts	
Department of Art, equipment.....	8 200
Department of City Planning and Landscape Architecture, equipment.....	4 850
School of Music, equipment.....	3 000
5. College of Liberal Arts and Sciences	
Department of Anthropology, equipment.....	3 133
Department of Chemistry and Chemical Engineering, equipment....	25 000
Department of Geology, replacement of conversion detector.....	3 468
Department of Microbiology, equipment.....	6 380
Department of Physiology, equipment.....	6 875
Department of Psychology, equipment.....	5 025
Department of Speech and Theatre, prefabricated sound room.....	7 437
Department of Zoology, equipment.....	8 523
6. College of Physical Education	
Department of Health and Safety Education, equipment.....	7 946
Department of Physical Education for Women, equipment.....	3 742
7. College of Veterinary Medicine	
Department of Veterinary Clinical Medicine, remodeling and equipment.....	3 300
Department of Veterinary Physiology and Pharmacology, equipment	16 980
8. Admissions and Records, equipment.....	11 720
9. Physical Plant	
Administration Building, load lugger.....	2 500
1203 West California Avenue property, remodeling.....	5 600
David Kinley Hall, improvements.....	2 560
Fire truck equipped with high lift tower, and shed to house it.....	40 000
Physics Laboratory, remodeling.....	2 800
University High School, improvements.....	8 455
Vegetable Crops Building, improvements.....	1 760
Volatile Storage Building (reallocation of appropriation previously made for remodeling Armory Avenue property for Central Receiving Station)	(54 000)

Chicago Undergraduate Division

10. West End Snack Bar, lighting.....	2 300
11. Honors Program Office, remodeling and equipment.....	5 800

12. Library, additions	\$ 10 000
13. Admissions and Records, equipment.....	2 280

Chicago Professional Colleges

14. Television equipment	43 000
15. College of Dentistry, Pedodontics, equipment.....	21 442
16. Research and Educational Hospitals, equipment.....	47 000
17. College of Medicine, Physiology, equipment.....	6 700

Total, University General Reserve.....\$378 721

From the state capital appropriations "For enlargement and rehabilitation of existing buildings and construction of minor buildings with fixed equipment installed. . . ."

1. Physical Plant, Urbana-Champaign	
Agricultural Engineering Building, wiring and transformer.....	\$ 2 740
David Kinley Hall, replacement of elevator.....	40 000
Law Building, remodeling sprinkler system.....	6 000
Main Library stacks, heating improvements.....	11 000
Mumford Hall, improvements.....	9 050
Natural History Building, enclose north courtyard to match a grant ¹ from the National Science Foundation which is hereby reported for record	15 600
University sheep barn, improvements.....	5 650
<i>Total, State Capital Appropriations.....</i>	<i>\$ 90 040</i>
<i>Grand Total</i>	<i>\$468 761</i>

I concur.

On motion of Mr. Swain, these appropriations were made, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR POWER SUPPLY FOR BETATRON BUILDING

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$13,879 to the Hyre Electric Company, Chicago, the lowest bidder, for installation of a new power supply to the Betatron Building at the Chicago Professional Colleges.

This improvement is in connection with changing the electrical supply to the Medical Center Campus from 4000 volts to 12,000 volts and will include installing new duct work and cables to the Betatron. Long-range plans contemplated this improvement to the electrical distribution system.

Funds are available in the state capital appropriations from the Universities Building Fund.

I concur.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR CONSTRUCTION OF BURNSIDES RESEARCH LABORATORY

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the Burnside Research Laboratory on Pennsylvania Avenue in the area east of the Dairy Manufacturers Building for the Department of Food Technology, the award in each case being to the lowest bidder:

¹ The National Science Foundation has made a grant of \$15,600 for the extension of the Natural History Building to provide research facilities for the Departments of Zoology and Botany, on the condition that this grant will be matched by the University from nonfederal funds to the extent of at least 50 per cent of the direct costs of the project. The grant and matching funds will provide for construction of an office-laboratory facility for graduate students, in the north courtyard of the Natural History Building.

General — A. F. Krall Construction Company, Inc., Decatur.....	\$299 150 00
Electrical — Henry Newgard and Company Chicago.....	53 784 00
Base Bid	\$56 884
Less Deductive Alternate for substitution of a different make of lighting fixtures but equal to those listed in the base bid.....	—3 100
Plumbing — Nu-Way Plumbing Service, Inc., Chicago.....	99 913 00
Heating and Refrigeration — F. R. Inskip and Company, Champaign..	119 819 00
Ventilating — Reliable Plumbing and Heating Company, Champaign..	58 315 00
<i>Total Contracts</i>	\$630 981 00

Elevator — Only one bid was received, and it is recommended that the bid be rejected and new bids taken. This action will not delay construction of the building since the elevator installation will not be required until the building is well under way.

Funds are available in a grant of \$400,000 from the National Institutes of Health, a gift of \$200,000 from Miss Ethel Burnside of Paris, Illinois, and \$200,000 from the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor. Miss Burnside has offered an additional gift of \$50,000 on condition that it be matched by an equal amount. Such additional funds are necessary because the total cost of the building will be in excess of the estimates on which the original financing was based. There will be other costs, including moveable equipment, in addition to the contracts recommended above, and grants may be available for some of the equipment. In the meantime, sufficient funds are available and have been assigned for the award of the contracts and I recommend that they be authorized, and that the Governor be requested to release \$250,000 or as much thereof as may be needed for the project.

Miss Burnside's gift will be made over a period of years. The Vice-President and Comptroller recommends, and I concur, that \$175,000 be advanced from the Indirect Costs Fund Reserve, to be repaid as gifts are received from Miss Burnside in 1963 and subsequent years, and that the President of the University be authorized to accept the offer of Miss Burnside of an additional gift of \$50,000 upon the conditions prescribed by her in her letter of November 16, 1961, a copy of which letter is on file with the Secretary of the Board of Trustees. (Fifty thousand dollars has already been received from Miss Burnside and an additional \$25,000 will be received before construction is completed.)

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, acceptance of the offer was authorized; the contracts were awarded, as recommended; and the only bid on the elevator contract was rejected. These actions were taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR CONSTRUCTION OF THE SECOND STAGE OF THE PHYSICS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the second stage of the Physics Building, the award in each case being to the lowest bidder:

General — Johnson, Drake, and Piper, Inc., Terre Haute.....	\$1 165 300
Base Bid	\$1 107 000
Plus Additive Alternates	
Service charge for accepting assignment of mechanical contracts for supervision by general contractor	19 500
Addition of office shelving assemblies.....	6 800
Addition of vinyl-asbestos tile floor in two lecture rooms	2 000
Acoustical tile in offices.....	3 200

Acoustical tile in research laboratories.....\$	8 300
Acoustical tile in teaching laboratories.....	10 800
Addition of resilient floors	
In research laboratories.....	5 600
In five other rooms.....	2 100
	(58 300)
Electrical — Art-o-lite Company, Inc., Galesburg.....\$	237 000
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur..	89 970
Heating, Process Piping, and Refrigeration — Reliable Plumbing and Heating Company, Champaign.....	204 797
Ventilating — R. H. Bishop Company, Champaign.....	212 700
Laboratory Equipment — Metalab Equipment Company, Hicksville, New York	17 574
<i>Total Contracts</i>	\$1 927 341

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACTS FOR REMODELING AND IMPROVEMENTS IN THE ENGINEERING RESEARCH LABORATORY

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for remodeling and improvements in the areas occupied by the Coordinated Science Laboratory in the Engineering Research Laboratory, the award in each case being to the lowest bidder:

General — C. H. Langman and Son, Rock Island.....	\$15 639
Electrical — Brunkow Electric Company, Champaign.....	3 871
Heating and Refrigeration — T. A. Brinkoetter and Sons, Inc., Decatur...	16 971
Ventilating — Petry Roofing and Sheet Metal Company, Champaign.....	17 994
<i>Total Contracts</i>	\$54 475

Funds are available in Coordinated Science Laboratory research contracts. Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR INTERIOR DECORATING IN THE PENNSYLVANIA AVENUE RESIDENCE HALLS

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Ernst C. Von Ammon, 920 North Michigan Avenue, Chicago, for interior decorating services in the Pennsylvania Avenue Residence Halls at a fee of \$7,000, which is 5.1 per cent of the estimated cost of equipment and furnishings for which he is to make selections and provide specifications.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

NAMES OF UNIVERSITY'S CHICAGO CAMPUSES

(14) Some time ago the administrative officers at the Chicago Undergraduate Division and at the Chicago Professional Colleges were requested to suggest

names for the two Chicago campuses. After consultation, they presented recommendations, which in turn were reviewed by the Executive Committee of the University Council. Consistent with the reactions which I have received, I propose that the following names be officially adopted: the University of Illinois at Congress Circle, Chicago, and the University of Illinois at the Medical Center, Chicago.

The Committee on Buildings and Grounds has previously considered these names and concurs in the recommendation for their adoption.

On motion of Mr. Pogue, these names were approved.

DESIGNS OF NEW BUILDINGS

(15) The Director of the Physical Plant submits for approval by the Board of Trustees designs for the Illinois Street Residence Halls for Single Students, to be constructed in the area between Green Street and Illinois Street, east of the present student-staff apartments, and for the Central Receiving Station.

Director C. S. Havens and Mr. Ambrose Richardson, Consulting Architect, discussed these designs and the Trustees inspected the models.

On motion of Mr. Swain, the Board approved these designs.

EXCHANGE OF LAND AT CHICAGO PROFESSIONAL COLLEGES

(16) The Board of Trustees has authorized the exchange of University land at 1825 West Taylor Street, Chicago, for the land at 1933 West Polk Street, Chicago, owned by the Medical Center Commission.

It is now necessary to adopt a formal resolution to implement this exchange.

Resolution

WHEREAS, Medical Center Commission, a body politic and corporate, duly organized and existing under and by virtue of the laws of the State of Illinois, hereinafter referred to as "Commission," has offered to convey title to the hereinafter-described property now owned by it and located at 1933 West Polk Street, Chicago, Illinois, to The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, hereinafter referred to as "University," in exchange for the conveyance by University of title to the hereinafter-described property now owned by it and located at 1825 West Taylor Street, Chicago, Illinois, to Commission upon the following terms and conditions:

1. Each party will convey title to the other in fee simple absolute free and clear of any and all liens and encumbrances.

2. Each party will furnish to the other an Owners Title Insurance Policy in the sum of Five Thousand Dollars (\$5,000) insuring title in fee simple subject to the printed general exceptions appearing on Chicago Title and Trust Company's Owners Title Insurance Policy Form A and a special exception that since both properties are located within the Medical Center District created by "An act in relation to the establishment of a medical center district in the city of Chicago and for the control and management thereof," approved June 4, 1941, the policies shall be subject to the provisions of said Act and amendments thereto.

3. Possession shall be delivered, and title shall be conveyed by quit-claim deed, by each party to the other simultaneously and on or before December 29, 1961.

Now, Therefore, Be It and It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this University be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name of, and in behalf of, this University, and under its Corporate Seal, a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Medical Center Commission, a body politic and corporate, title to the following-described property, viz.:

Lot 36 of Yeaton and Taylor's Subdivision of Lots 5, 6, and 7 in Codwise's Subdivision of the West Half of the Southeast Quarter (except 1 chain and 37 links all along the West side thereof) of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian, situated in the County of Cook and State of Illinois;

upon Commission's conveying to this University title to the following-described property, viz.:

Lot 11 in Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half of the Southeast Quarter of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian (except 1 chain and 37 links all along the West side thereof), situated in the County of Cook and State of Illinois.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

PURCHASES

Purchases Authorized

(17) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Accessory equipment and spare parts for the CDC 1604 computing assembly being installed in the Coordinated Science Laboratory: One card tester CDC Model No. 151 Two lots spare parts for routine maintenance of the computer	Coordinated Science Laboratory	Control Data Corp., Minneapolis, Minn.	\$24 052 31 f.o.b. Minneapolis, Minn.
4,000 rolls of film, linograph ortho 35 mm. x 100 ft. grey base, not perforated	Physics	Eastman Kodak Co., Chicago	21 600 00 f.o.b. delivered
Print and bind 20,000 copies <i>Illinois Farm Record Book, Part I</i> , 48 pages plus cover per copy, trim size 8½ in. x 10¾ in.	Agricultural Economics	P.D.Q. Printing Service, Urbana	3 178 00 f.o.b. delivered
Print and bind 12,000 copies of <i>Book 2—Gravitation</i> , approximately 124 pages per copy, trim size 8½ in. x 11 in.	Print Shop	George Banta Co., Chicago	3 021 00 f.o.b. delivered

The following purchases were authorized by the Executive Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on recommendations for purchases under International Cooperation Contracts. The purchases will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

One lot laboratory equipment and supplies	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	\$ 7 882 50 f.a.s. New York, N. Y.
Two lots medical and laboratory equipment and supplies for export to India	International Cooperation Administration Contracts	Arthur H. Thomas Co., Philadelphia, Pa.	20 803 99

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One amino acid analyzer	Biochemistry, College of Medicine	Technicon Chromatography Corp., Chauncey, N.Y.	\$8 098 95 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One heart-sound teaching system to visualize heart sounds, ECG, and to provide sound to 200 auditors; less trade-in allowance for one used amplifier	Medicine	Sanborn Co., Chicago	\$8 756 85 delivered
504 bottles Lipomul I.V. (this represents a three-month supply)	Pharmacy	Upjohn Co., Chicago	2 948 40 delivered
40,000 Tolbutamide tablets, 0.5 gm. (this represents a six-month supply)	Pharmacy Stores	Upjohn Co., Chicago	3 336 00 delivered
One vertical mill and accessories	Physiology, College of Medicine	L. G. Evans & Co., Chicago	3 432 50 net, delivered
One blood-volume measuring apparatus	Surgery	Atomium Corp., Waltham, Mass.	4 020 68 delivered
Cable and engineering services to be used in the rerouting of two 4000-volt Commonwealth Edison Co. service lines on the Chicago Professional Colleges campus (this rerouting is necessary in order to start construction of the Medical Science Addition)	Physical Plant	Commonwealth Edison Co., Chicago	7 753 15
270,000 sterile disposable hypodermic needles in assorted sizes (this represents approximately an eight-month supply, with the option to renew for one year beginning July 1, 1962)	Various	V. Mueller & Co., Chicago	13 700 40 (2% 30 days)

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of amino acids for poultry research	Animal Science	Nutritional Biochemicals Corp., Cleveland, Ohio	\$ 3 001 50 f.o.b. delivered
One electrometer amplifier balance system, less shorting switches and recorder, 15-ft. cables between electrometer heads and the main amplifier, three resistors and holders	Chemistry and Chemical Engineering	Applied Physics Corp., Monrovia, Calif.	4 473 00 delivered
Three model F Friden flexwriters with accessory equipment	Coordinated Science Laboratory	Friden, Inc., Minneapolis, Minn.	9 085 00 f.o.b. delivered
One mass spectrometer leak-testing system	Coordinated Science Laboratory	Vacuum-Electronics Corp., Chicago	5 315 00 f.o.b. delivered
One electromagnet, 12-inch, laboratory, with two extra sets of pole caps and one power supply, maximum field 25 kilogauss, homogeneity at 75 per cent of maximum field, full 360° rotation about a vertical axis, rotation of yoke about an axis through the centers of the poles of at least plus or minus 90° from the vertical	Coordinated Science Laboratory	Pacific Electric Motor Co., Oakland, Calif.	14 945 00 f.o.b. delivered
Two precision, electrically advanced, 35 mm. recording cameras, complete with one magazine, footage indicator, and fiducial	Digital Computer Laboratory	Flight Research, Inc., Richmond, Va.	14 410 00 f.o.b. delivered
One spectrometer with a V-58 type klystron to measure both adsorption and dispersion of chemical samples simultaneously	Electrical Engineering	Strand Labs, Inc., Newton, Mass.	10 800 00 f.o.b. Newton, Mass.
One lot laboratory apparatus and equipment (estimated three-month supply) Approximately 150 cases of assorted laboratory glassware (Corning Glass Works) 200 cases assorted laboratory glassware (Kimble Glass Co.)	General Chemical Stores	Schaar & Co., Chicago	61 821 25 f.o.b. delivered
One recording oscillograph, 18 active traces with sequential interruption of all traces at a 12-inch repetition cycle	Mechanical and Industrial Engineering	Consolidated Electrodynamics Corp., Chicago	4 160 00 f.o.b. Pasadena, Calif.
One carrier amplifier, 3KC, 4-channel, frequency response 0-600 cps, sensitivity 1.875-64 millivolts for full-scale output			
One ultracentrifuge with refrigeration and vacuum systems, and one rotor	Microbiology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	7 129 42 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One grand piano, seven foot, ebony finish, less trade-in of one Steinway grand piano	School of Music	Emerson Piano House, Inc., Decatur	\$3 725 00
Two grand pianos, five foot, ebony finish, less trade-in allowance for one Conover grand piano		Seven-foot Steinway Mendel Riley's Music, Champaign	4 130 00
		Two five-foot Baldwin grand pianos	(7 855 00)
One four-rank, two-manual, pipe organ to be furnished and installed in Smith Music Hall, less credit for trade-in of two-manual Moller pipe organ	School of Music	Wicks Organ Co., Highland	5 867 26 f.o.b. delivered and installed
One oscilloscope, range DC to 1 gigacycle, less than 0.35 nanoseconds rise-time, vertical sensitivity better than 10V/cm; 24 KV accelerating potential; 9 calibrated sweeps from 2 to 1000 nsec/cm	Physics	Tektronix, Inc., Park Ridge	4 465 00 f.o.b. Beaverton, Ore.
Two camera mounting adapters No. 122-568			
One oscilloscope camera, object-to-image ratio 1:0.5			
One research model electron microscope for ultra-high resolution and high contrast microscopy, accelerating voltages, 50, 75, and 100, including a double condenser lens, selected area diffraction, magnification from 50 X to 250,000 X continuously variable, resolution guaranteed to be less than 10 angstrom units; including free service for one year with three complete overhaul services	Physics	Erb & Gray Scientific, Inc., Oak Park	28 500 00 f.o.b. delivered and installed
One multichannel pulse-height analyzer system consisting of 512-channel analyzer, computer readout typewriter, components for three-dimensional operation, tape perforators, and reader control	Physics	Nuclear Data, Inc., c/o Charles Walsh Associates, Deerfield	16 019 00 f.o.b. delivered
Phototubes selected for luminous intensity: 10 type 6810A; 30 type 6655A; five type 7046	Physics	Radio Corp. of America, Lancaster, Pa.	6 112 80 f.o.b. delivered
Approximately 4,500 liters liquid hydrogen to be delivered as needed in five shipments of approximately 900 liters each during the period from November, 1961, to June 30, 1962	Physics	Linde Co., Division of Union Carbide Corp., Chicago	17 417 40 f.o.b. delivered
One x-ray generator, special purpose, consisting of a three-phase full wave rectifier power supply and type FA-100 x-ray tube: anode voltages 20 - 100 kv. filament currents up to 50 milliamperes, inherent filtration of the tube for the x-rays 1.6 mm. of beryllium	Physics	Bracke-Seib X-Ray Co., Inc., Pelham Manor, N.Y.	9 950 00 f.o.b. delivered
One film reader, semiautomatic, for measuring events on 35 mm. film; must handle three 100 ft. rolls; viewing screen with a magnification of at least 20; cross hair position to appear on viewing screen moveable by hand, cross hair located with a resolution of 1 micron on the film with accuracy of plus or minus 5 microns full scale and positioned in digitized form for IBM 526 card punch; motorized controlled film speed between 0 and 1 ft. per second; one combination vacuum pump and compressor	Physics-Betatron	Raymond Atchley Division, American Brake Shoe Co., Los Angeles, Calif.	18 300 00 f.o.b. delivered
One twelve-measuring station, strip-chart recording hygrometer, chart speed 3 inches per hour, with change gears for 1, 2, and 4 inches per hour; measuring station terminals to be such that they can be wired in parallel; humidity range 15 to 80 per cent r.h. at 40° to 120° F; 50 ft. leads; 48 elements; 12 mountings; and 20 40-yd. rolls chart paper	Physical Environment Unit	Hygrodyamics, Inc., Silver Spring, Md.	3 178 20 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ultramicrotome with linear thermal feed, electronically controlled, variable cutting speeds and optical attachments	Veterinary Medicine	LKB Instruments, Inc., Washington, D.C.	\$ 4 541 80 f.o.b. delivered
Store fixtures required for the modernization of the Illini Union Bookstore	Illini Union Bookstore	Watson Store Fixtures Co., Fremont, Neb.	13 000 00 f.o.b. delivered
Print and bind 2,000 copies of <i>Reason in Society</i> by Paul Diesing, approximately 304 pages per copy, trim size 6 in. x 9 in.	University Press	North Central Publishing Co., St. Paul, Minn.	3 852 32 f.o.b. delivered
One eight-station, fully automatic collator, to gather sheets ranging in size from 6 in. x 7 in. to 11 in. x 17 in., to be equipped with a detachable double head heavy duty stitcher and detachable folder	Print Shop	Farrington Business Machines Corp., Chicago	12 429 00 f.o.b. delivered
Print and bind 10,000 copies of the Audio-Visual Aids Catalog of Educational Films, approximately 304 pages per copy, trim size 8½ in. x 12 in.	Audio-Visual Aids Service	Interstate Printers and Publishers, Inc., Danville	13 732 75 f.o.b. delivered
60 memo books and 2,544 ring binders (estimated ten- to twelve-month supply)	Office Supply Store	A. C. McClurg & Co., Chicago	3 183 66 f.o.b. delivered
13,420 rolls cellophane tape 3,320 rolls paper masking tape 600 rolls freezer tape 144 rolls drafting tape (Estimated twelve-month supply)	Office Supply Store	Levin Bros. Paper Corp., Chicago	4 502 40 f.o.b. delivered
60,000 lbs. soft, white lead paste (for painting uses), federal specifications TT-W-215-B, type C in 100 lb. kegs	Physical Plant	National Lead Co., Chicago	11 070 00 f.o.b. delivered
40,000 pounds steel pipe, schedule 40, black and galvanized, threaded and coupled, 21 ft. random lengths in sizes from ¾ in. to 8 in.	Physical Plant Stores	Joseph T. Ryerson & Son, Inc., Chicago	4 427 08 f.o.b. delivered
110 fluorescent fixtures, with one 40-watt lamp, 4 ft. long, metal louvers, "A" sound-rated ballasts	Physical Plant	Heider Electric Supply Co., Elgin	6 697 30 f.o.b. delivered
211 fluorescent fixtures, with two 40-watt lamps, 8 ft. long, metal louvers, "A" sound-rated ballasts			

On motion of Mr. Harewood, these purchases were authorized.

GIFT OF AIRCRAFT

(18) The Institute of Aviation has received an outright gift of a DC-3, N 28 U aircraft from a donor who wishes to remain anonymous. It is currently equipped for fifteen passengers and can be remodeled to seat more. The estimated value is \$125,000, including electronic equipment worth approximately \$60,000.

I have accepted this gift on behalf of the Board of Trustees and report my action for record. The aircraft will be used for transportation of University personnel on charter flights when the travel connections or other factors make air transportation desirable or necessary. It will also be used in the two-year aircraft maintenance curriculum given by the Institute of Aviation.

On motion of Mr. Clement, the President's action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period October 1 to 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Mark L. Morris Animal Foundation	A urethral substitute for the canine and feline patient	\$ 1 957 50	May 15, 1961
United States Atomic Energy Commission AT (11-1) 1077	Atomic energy research and development	41 500 00	September 1, 1961
United States Department of Health, Education, and Welfare OE-2-10-050	General relations of changes of interest and personality to changes of school performance in normal children	65 919 00	September 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Department of Health, Education, and Welfare OE-2-10-058	Effects of orientation to testing on motivation for and outcome of test interpretation	\$ 17 040 00	September 1, 1961
United States Navy Nonr 1834-(38)	Dependence of dielectric properties on crystal structures, chemical composition, and defect concen- tration	30 000 00	August 1, 1961
Total		<u>\$156 416 50</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Newton M. Cunningham and Mrs. Eunice C. Creamer	Property at 627½ South Wright Street, Champaign, from Septem- ber 1, 1961, through June 30, 1963, for the use of Community Development, Provost's Office	\$ 3 520 00 (\$160.00 per month)	September 1, 1961
International Harvester Co.	Rental of farm machinery, 28 items: \$17.07 to \$1220.36	9 103 51	August and October, 1961
John Deere Co.	Lease of one rake with hand lift crank	70 98	July 15, 1961
Cyrus W. Vaughn	Property at 1102-A West Main Street, Urbana, from October 1, 1961, through June 30, 1962, for laboratory and office space, Col- lege of Education and University High School	1 440 00 (\$160.00 per month)	October 1, 1961
Total		<u>\$14 134 49</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Bendix Corp.	High-temperature thermal prop- erties of ceramic-metal combina- tions	\$24 976 25	October 10, 1961
Charles Pfizer & Co., Inc.	Study and evaluate amino acids, un- identified growth factors, vita- mins, and antibiotics in swine	2 500 00	August 24, 1961
State of Illinois Depart- ment of Mental Health, Project No. 1723	Psychosomatic differentiation in in- fancy	800 00	September 7, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-2	Highway problems	16 000 00	August 8, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-5	Riveted and bolted structural joints	10 000 00	August 8, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-9	Impact on highway bridges	23 400 00	August 8, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-10	Prestressed concrete highway bridges	29 000 00	August 8, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-12	Soil exploration and mapping	28 000 00	August 8, 1961
State of Illinois Depart- ment of Public Works and Buildings, Division of Highways IHR-23	Determination of waterway areas	10 000 00	August 8, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-46	Soil-aggregate mixtures for highway pavement	\$24 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-47	Chemical stabilization of soils	8 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-53	Vehicular speed regulation	26 850 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-58	Equipment for roadside cover	18 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-59	Highway medians	18 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-64	Welded highway structures	24 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-65	Drainage laws and practices	14 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-66	Woody ground cover	14 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-67	Grasses and their establishment	11 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-68	Guide lines for appraisals	19 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-69	Traffic linkage patterns	8 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-70	Social factors and traffic	7 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-71	Impact on urban real estate values	22 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-72	Creep in structural concrete	16 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-73	Fatigue failure in concrete	16 500 00	August 8, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-75	Seal coats and surface treatments	\$12 750 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-76	Lime stabilization of soils	16 000 00	August 8, 1961
Texaco, Inc.	Study methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	July 10, 1961
United States Air Force AF 19 (604) 2152	Gaseous electronics	35 172 97	August 28, 1961
United States Air Force AF 33 (616) 5153	Brittle transition in metals	13 537 57	September 13, 1961
United States Army DA 11-022-ORD-874	Nucleophilic attack of aromatic rings by organometallic compounds	3 017 00	September 8, 1961
United States Army DA 11-022-ORD-1001	Conduction of electricity in solids	20 442 00	September 8, 1961
United States Army DA 11-022-ORD-1707	Exploration and application of turbulence theories	1 818 00	September 8, 1961
United States Army DA 11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-pair networks	7 217 00	September 13, 1961
United States Army DA 11-022-ORD-1987	Electrochemistry of fused salts	7 433 00	September 8, 1961
United States Army DA 11-022-ORD-2691	Dislocations and point defects	4 806 00	September 13, 1961
United States Army DA 11-022-ORD-2705	Interaction of interstitial impurities with defect in B.C.C. metals	1 352 00	September 8, 1961
United States Army DA 11-022-ORD-3442	Protection against corrosion	3 400 00	September 8, 1961
United States Army DA 19-129-QM-1262	Development of chemical resistant elastomers	2 580 18	August 22, 1961
United States Army DA 22-079-ENG-240	Analytical study of dynamic bearing capacity of soils	1 750 00	August 23, 1961
United States Army DA 49-007-MD-421	Transmission of the common cold under controlled conditions	64 829 00	September 29, 1961
United States Army DA 49-193-MD-2047	Antiradiation drugs	13 334 00	September 27, 1961
United States Army DA 49-193-MD-2133	Biochemistry of the inhibitory or receptor-like substances with which influenza viruses react	39 285 00	August 31, 1961
United States Atomic Energy Commission AT (11-1) 314	Synthesis of boron-containing dyes suitable for use in vivo experiments on mice with glioblastomas	20 000 00	September 15, 1961
United States Department of Agriculture A6-EQ-52	Plant pest control	4 999 92	July 1, 1961
United States Navy NBY-24976	Welding procedures, including preheating and stress-relieving	10 000 00	August 28, 1961
United States Navy Nobs-72069	Pressure vessel design having particular reference to the reinforcement of openings in shells and plates	10 365 86	August 31, 1961
United States Navy Nobs-77012	Hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related cathodic protection	3 536 28	August 31, 1961
United States Navy Nonr-1834 (05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	200 000 00	July 26, 1961
United States Navy Nonr-1834 (33)	Concept invention	11 457 00	July 31, 1961
Wyandotte Chemicals Corp., under prime contract with United States Air Force AF 33 (616) 7214	Ferrocenes substituted with reactive groups	10 000 00	July 26, 1961
<i>Total</i>		<u>\$917 109 03</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fourteen items: \$957.41 deduct to \$136.67	\$490 24 (deduct)	September and October, 1961
M. E. Hollett	Painting	47 68	October, 1961
<i>Total</i>		<u>\$442 56</u> (deduct)	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presented his quarterly report to the Board as of September 30, 1961.

This report was received for record and a copy has been filed with the Secretary of the Board.

SETTLEMENT WITH PATRICK WARREN CONSTRUCTION COMPANY

(21) In December, 1949, the University entered into a contract with Patrick Warren Construction Company (hereinafter termed "Warren") for the performance by the latter of the general work in connection with the construction of the addition to the Research and Educational Hospitals at Chicago. The provisions of the contract contemplated the completion of the building in May, 1951; but, in consequence of numerous delays which developed from time to time, some of the work remained undone in July, 1953, with the result that the University, in order to expedite the completion of the building, assumed the then unfinished portion of Warren's work in return for a credit allowed the University by Warren.

At that time Warren had not paid the balances due a considerable number of its subcontractors for the work done and materials furnished by them. Since then, the University, with Warren's consent, has paid, out of funds it was withholding from payment to Warren, the balances owed those subcontractors by Warren in return for credits allowed the University by Warren.

As the result of the last such payment, which was made to the partnership known as Crouch-Walker Company about three months ago, the unpaid balance under the contract between Warren and the University is now \$49,330.34. In addition to its claim for the payment to it of that balance, Warren, upon the theory that the University is legally responsible for the above-mentioned delays, asserts substantial claims against the University for increased costs and damages Warren claims it has sustained, and may in future sustain, in consequence of them. On the other hand, the University asserts it is entitled to certain credits, which Warren has refused to allow, upon the contract and also asserts claims against Warren for damages for the delays for which the University claims Warren was both actually and legally responsible. The University denies liability to Warren upon the latter's last-mentioned claims, and Warren denies liability to the University upon its claims against Warren. The details of these claims are more fully stated in a letter from Mr. Lesemann to President Henry of which a copy is being filed with the Secretary for record.

As the result of negotiations recently conducted between counsel for Warren and counsel for the University, Warren has now agreed to accept the sum of \$81,042.07 and a release by the University of all of the latter's claims against Warren in full payment and satisfaction of all of Warren's claims against the University and to deliver to the University a full and complete release of all claims, and release and waiver of all liens, which Warren may have or assert against the University.

Litigation of the claims asserted by Warren against the University, and those asserted by the latter against Warren, which appears inevitable if claims are not settled and disposed of on the foregoing basis, would be protracted and complicated and would result in serious inconvenience and very substantial expense to the University. For these reasons, the Vice-President and Comptroller, the Director of the Physical Plant, the Legal Counsel, and Special Counsel (Albert E. Jenner, Jr., and Ralph F. Lesemann), who have been handling these matters for the University, recommend that a final settlement between the University and Warren on the above-mentioned basis be authorized and made, and

that the Comptroller and the Secretary be authorized to execute and deliver upon behalf of the University the necessary release of the University's claims against Warren, all subject to release by the Governor out of funds appropriated to the University for the construction of the Hospital Addition of the sum of \$81,042.07 for payment to Warren.

I concur.

On motion of Mr. Johnston, this settlement was authorized, as recommended.

EASEMENT TO ILLINOIS BELL TELEPHONE COMPANY

(22) The Illinois Bell Telephone Company has requested an easement for an underground telephone cable installation across University properties at 502 and 508 East John Street, Champaign. All University officers concerned recommend that this request be granted and I concur.

To implement this easement, the following resolution should be adopted:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communications cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The North Three (3) feet of Lot Ten (10) in Block Eleven (11) in Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to Champaign, in Champaign County, Illinois; and

The North Three (3) feet of Lot Seven (7) of J. I. Groves' Replat of Lots Seven (7) and Eight (8) in Block Eleven (11) in the Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to Champaign, situated in the County of Champaign, and State of Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted.

PRESIDENT'S REPORT ON SELECTED TOPICS OF CURRENT INTEREST

(23) President Henry stated that for some time he has felt the need to bring to members of the Board of Trustees, with some regularity, a brief report of significant current events and other items of interest so that the members have this additional means to an overview of campus happenings and educational achievements.

Each subject will be in capsule form. Should any particular subject be of special interest to anyone, a more complete dossier of information can be made available.

He presented a report on the following topics: University fifth in total degrees, future teachers in professional semester, Professor George White honored, distinguished graduate returns, mathematics program continued.

Copies of the complete report were distributed at the meeting to the members of the Board of Trustees and to representatives of the press, and a copy was filed with the Secretary for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellation of leave of absence; (6) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADLER, DONATELLA G., Research Assistant Professor of Physics (C), eight months from October 1, 1961, \$725 a month (10-10-61).
- ANDREWS, ROLLIN D., III, Project Assistant in Aquatic Biology (Graduate College and Illinois Natural History Survey), full time from September 1-15, 1961, and from June 1-August 31, 1962, \$400 a month, and $\frac{1}{2}$ time from September 16, 1961-May 31, 1962, \$200 a month, supersedes (10-11-61).
- ASHMORE, CONSTANCE M., Serials Assistant in the Library, October 10, 1961-August 31, 1962, \$5,500 a year, supersedes (10-10-61).
- BAER, ROGER K., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,120 (10-10-61).
- BAKER, LOUID W., Assistant in Physical Education for Men, October 16, 1961-June 15, 1962, \$500 a month, supersedes (10-27-61).
- BEEVERS, LEONARD, Research Associate in Plant Physiology (Agronomy) (S), eleven months from October 1, 1961, \$6,000 a year (10-7-61).
- BOZICH, BEATRICE F., Assistant in Medicine (Medicine), nine months from December 1, 1961, \$4,900 a year (11-7-61).
- BRADY, LEONARD E., Research Associate in Chemistry, October 16, 1961-August 31, 1962, \$7,000 a year (10-20-61).
- BRANDABUR, AGNES, Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-20-61).
- BRAUN, LUCILLE V., Assistant in Spanish, academic year beginning September 1, 1961, \$5,700 (10-10-61).
- BROUDE, FRANKLYN, Assistant in Commerce and Business Administration (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,400 (10-10-61).
- BUBLITZ, DONALD E., Research Associate in Chemistry, one year from September 1, 1961, \$5,850 (10-9-61).
- BUCK, DAVID W., Instructor in Psychiatry (Medicine), one year from July 1, 1961, without salary (10-20-61).
- BUDRYS, MILDA, Clinical Instructor in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- CEKAN, PAUL R., Research Assistant in Psychiatry (Medicine), September 25, 1961-August 31, 1962, \$8,500 a year (10-14-61).
- CHAMBERLAIN, MRS. ARTHA, Assistant in English, $\frac{2}{3}$ time, \$296.33 a month (10-10-61); and Assistant in Aeronautical and Astronautical Engineering, $\frac{1}{3}$ time, \$148.67 a month, September 16, 1961-January 31, 1962, supersedes (6-21-61).
- CHITTY, JACK L., Clinical Assistant in Medicine (Medicine), one year from September 1, 1961, without salary (10-14-61).
- CHURCHICH, JORGE E., Research Associate in Chemistry, eleven months from October 1, 1961, \$6,000 a year (10-10-61).
- CIPLIJAUSKAITE, DANUTE, Assistant in Foreign Languages (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,200 (10-14-61).
- CLARK, JOHN M., JR., Assistant Professor of Biochemistry, academic year beginning September 1, 1961, \$7,400 (10-20-61).
- CONNICK, LOUIS, Instructor in Education (University High School), one year from September 1, 1961, \$6,800 (10-27-61).
- CORNELL, HARRISON K., Educational Script Writer for Television (College of Journalism and Communications), September 16, 1961-August 31, 1962, \$6,600 a year (10-10-61).
- COTTRELL, FRANCES B., Assistant in Education (University High School), $\frac{3}{4}$ time, \$4,200 (8-10-61); and in Botany, $\frac{1}{4}$ time, nine months from September 16, 1961, \$1,000 (10-10-61).

- CRIDER, QUINCY E., Assistant in Animal Science (S), one year from September 1, 1961, \$5,000 (10-9-61).
- DACHOWSKI, MARJORIE M., Clinical Counselor, with rank of Instructor, Student Counseling Service (Provost's Office), $\frac{3}{4}$ time, eleven months from October 1, 1961, \$5,475 a year, supersedes (10-10-61).
- DEES, DENZIL E., Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine), and in Veterinary Research (Agricultural Experiment Station), five months from September 1, 1961, \$6,800 a year (10-20-61).
- DEWHIRST, DONALD L., Assistant Professor of Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$7,800 (10-10-61).
- DJORUP, FRANS M., JR., Research Associate in Mathematics, August 28-September 8, 1961, \$345, supersedes (10-20-61).
- DOUGLAS, GEORGE H., Assistant Editor in the Agricultural Experiment Station, with rank of Instructor, eleven months from October 1, 1961, \$6,000 a year (10-7-61).
- DROWER, SARA R., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,200 (10-10-61).
- EDA, KEIICHI, Research Associate in Chemistry, August 23, 1961-June 30, 1962, \$6,000 a year, supersedes (10-11-61).
- EDWARDS, RALPH M., Catalog Assistant in the Library, October 10, 1961-August 31, 1962, \$5,500 a year (10-10-61).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$4,050 (10-10-61).
- ELLIOTT, PATRICK F., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1961-January 31, 1962, to render service during the first semester of the academic year, \$1,250 (10-10-61).
- EPSTEIN, ROBERT B., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (10-25-61).
- ERICKSON, DONALD V., Instructor in English (Division of Business English), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$1,600 (10-7-61).
- EVANS, CLARYCE L., Research Associate in Education (University High School), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,650 (10-10-61).
- FARA, HARRY, Research Associate in Mining, Metallurgy, and Petroleum Engineering, $\frac{3}{4}$ time, September 1, 1961-January 15, 1962, \$2,500, supersedes (10-20-61).
- FOSTER, HAROLD E., Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), $\frac{3}{4}$ time, September 16, 1961-August 31, 1962, \$4,850 a year (10-26-61).
- FUJII, TOZO, Research Associate in Chemistry, one year from October 1, 1961, \$5,850 (10-10-61).
- GAETANI, SANCIA, Research Associate in Animal Science (S), ten months from November 1, 1961, \$5,850 a year (10-20-61).
- GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), $\frac{1}{2}$ time, one year from September 1, 1961, without salary (10-27-61).
- GOLDMAN, MRS. OLIVE R., Assistant in Speech and Theatre, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- GOODMAN, PEARL M., Assistant in English (English for Foreign Students), September 16, 1961-January 31, 1962, \$444.44 a month (11-7-61).
- GOSS, MARY E., Instructor in Medical Social Work (Medicine), ten months from September 1, 1961, \$566.66 a month, supersedes (10-10-61).
- GRIMM, ARTHUR, Instructor in Physiology (Medicine), $\frac{1}{2}$ time, and in Dentistry (Administrative Department) (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$9,000, supersedes (10-10-61).
- GROUTT, THOMAS W., Assistant in English, nine months from September 16, 1961, \$4,000, supersedes (10-20-61).
- HARTMAN, MARTHA, Assistant in English, nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering (E and S), two years from September 1, 1961, \$8,000 a year (10-20-61).
- HINKEN, MICHAEL V., Instructor in Ophthalmology (Medicine), $\frac{4}{5}$ time, one year from September 1, 1961, \$5,760 (10-24-61).

- HODGES, RALPH R., JR., Research Associate in Electrical Engineering (S), eleven months from October 1, 1961, \$6,800 a year, supersedes (10-20-61).
- HOFFMANN, RITA, Research Assistant in Biological Chemistry (Medicine), September 19, 1961-August 31, 1962, \$4,900 a year (10-10-61).
- HORNBEAK, HAROLD L., Associate Professor of Architectural Engineering, indefinite tenure from September 1, 1961, to render service during each academic year, \$10,800 a year, supersedes (10-10-61).
- HUNT, RICHARD H., Instructor in Architecture and Art (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,500 (10-10-61).
- JOHNSON, ARTHUR L., Instructor in Music (Division of University Extension and College of Fine and Applied Arts), October 15, 1961-August 31, 1962, \$8,000 a year (10-7-61).
- JOHNSON, DICK H., Spectroscopist in Chemistry, one year from September 1, 1961, \$5,600 (10-10-61).
- JOHNSON, Keith E., Research Associate in Chemistry, one year from October 1, 1961, \$7,200 (10-20-61).
- JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), $\frac{1}{3}$ time, one year from September 1, 1961, without salary (10-27-61).
- JONES, ROBERT A., Acquisition Assistant in the Library, seven months from February 1, 1962, \$450 a month, supersedes (10-10-61).
- JONES, ROBERT E., Lecturer in Psychology, with rank of Associate Professor, one year from September 1, 1961, without salary (10-20-61).
- JORDAN, LAURA J., Assistant Professor of Education (College of Education and Graduate College), one year from September 1, 1961, \$8,900, supersedes (10-10-61).
- JULIAN, JAMES W., Research Associate in Psychology, $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,600 (10-10-61).
- KADANOFF, LEO P., Assistant Professor of Physics (C), December 15, 1961-August 31, 1962, to render service during the academic year, \$7,500 a year, supersedes (11-7-61).
- KAHANE, MRS. RENEE, Instructor in German, $\frac{2}{3}$ time, September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, \$1,600 (10-10-61).
- KELLY, MRS. INGA K., Assistant Professor of Education, $\frac{9}{10}$ time, academic year beginning September 1, 1961, \$6,750, supersedes (10-27-61).
- KIMIZUKA, HIDEO, Research Associate in Psychiatry (Medicine), October 15, 1961-August 31, 1962, \$5,850 a year (11-7-61).
- KISE, JOHN A., Instructor in Engineering (Chicago Undergraduate Division), $\frac{3}{4}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$2,250 (10-20-61).
- KITAMURA, RYOZO, Research Associate in Psychiatry (Medicine), October 15, 1961-August 31, 1962, \$5,850 a year (11-7-61).
- KLEE, FLORENCE C., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$320 a month (10-11-61).
- KOLB, MRS. DOROTHY D., Assistant in English, $\frac{2}{3}$ time, \$296.33 a month (10-10-61), and in German, $\frac{1}{3}$ time, \$148.22 a month (10-2-61), September 16, 1961-January 31, 1962.
- KORNACKER, MILDRED, Instructor in Sociology (Chicago Undergraduate Division), $\frac{1}{3}$ time, academic year beginning September 1, 1961, \$1,867 (10-10-61).
- KRAMER, ELIZABETH B., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,400 (10-7-61).
- LASK, EMANUEL A., Research Associate in Education (College of Education and Graduate College), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,750; this is in addition to his appointment as Assistant in Psychology on $\frac{1}{2}$ time (10-24-61).
- LEACH, JAMES L., Professor of Mechanical Engineering (C), indefinite tenure, to render service during each academic year, \$5,000 a year, and Assistant Coordinator for the College of Engineering, Office of Coordinator of International Programs (Provost's Office), academic year, \$5,000, from September 1, 1961, supersedes (10-26-61).

- LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine), $\frac{1}{4}$ time, eleven months from October 1, 1961, \$2,375 a year, supersedes (10-20-61).
- LEKAN, EUGENE C., Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, \$3,950 a year, and Clinical Instructor in Surgery (Medicine), without salary, eleven months from October 1, 1961, supersedes (10-20-61).
- LIBNOCH, JOSEPH A., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (11-7-61).
- LIDDLE, LARRY B., Assistant in Biological Sciences (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,000 (10-14-61).
- LIEM, KAREL, Assistant, $\frac{1}{2}$ time, and Research Assistant, $\frac{1}{2}$ time, in Zoology, nine months from September 16, 1961, \$4,000, supersedes (11-1-61).
- LOHRER, ALICE, Associate Professor of Library Science, one year from September 1, 1961, \$11,500; and Associate Professor of Library Science, indefinite tenure from September 1, 1962, to render service during each academic year, \$9,000 a year, supersedes (10-9-61).
- LOVITZ, BERYL, Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (10-25-61).
- LYON, RICHARD O., State Leader of 4-H Club Work with rank of Associate Professor Cooperative Extension Service, (E), indefinite tenure from October 1, 1961, \$11,150 a year, supersedes (10-20-61).
- MACDONALD, JOHN A., Clinical Instructor in Surgery (Medicine), $\frac{1}{3}$ time, to render service during the first semester of the academic year, September 19, 1961-February 28, 1962, \$200 a month (10-7-61).
- MARCUS, PHILIP S., Instructor in Mathematics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$2,400 (10-27-61).
- MASON, RALPH E., Associate Professor of Business Education, indefinite tenure from September 1, 1961, full time, \$9,600 a year (to render service during each academic year on $\frac{1}{2}$ time), supersedes (10-23-61).
- MCGEE, VICTOR E., Research Associate in the Bureau of Educational Research, one year from September 1, 1961, \$7,500 (10-10-61).
- MCMANUS, JOHN T., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- MEDAK, HERMAN, Associate Professor of Oral Pathology (Dentistry), $\frac{3}{4}$ time, indefinite tenure from October 1, 1961, \$6,000 a year, supersedes (10-10-61).
- MEERMAN, GERARDINE, Research Assistant in Chemistry, September 16, 1961-January 31, 1962, \$444.44 a month (10-11-61).
- MENDEL, GISELA, Research Associate in Psychiatry (Medicine), ten months from November 1, 1961, \$9,000 a year (11-7-61).
- MERMALL, HUNTER L., Research Assistant in Preventive Medicine (Medicine), ten months from November 1, 1961, \$6,700 a year, supersedes (10-27-61).
- MEUX, MILTON O., Research Assistant Professor of Education (Bureau of Educational Research), one year from September 1, 1961, \$8,500, supersedes (10-20-61).
- MILLER, EDWIN B., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (11-7-61).
- MORCH, ERNST T., Clinical Professor of Anesthesiology (Surgery) (Medicine), $\frac{1}{2}$ time, six months from July 1, 1961, \$600 a month, supersedes nonsalaried appointment (10-10-61).
- MORGAN, LEZLIE A., Research Assistant in the Coordinated Science Laboratory (C), September 18, 1961-August 31, 1962, \$4,900 a year (10-14-61).
- MOWAT, BRUCE, Instructor in Operative Dentistry (Dentistry), October 16, 1961-August 31, 1962, \$7,000 a year, supersedes (10-20-61).
- MURAYAMA, SATOSHI, Research Associate in Pharmacology (Medicine), one year from September 1, 1961, \$7,000 (10-10-61).
- NALBANDOV, OLGA G., Research Associate in Entomology, $\frac{1}{2}$ time, three months from October 1, 1961, \$300 a month (10-13-61).
- NEWMAN, JULIUS S., Clinical Instructor in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- OPPERMANN, JUTTA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), ten months from November 1, 1961, \$4,900 a year (10-27-61).
- PENN, JOHN F., Editorial Assistant in the Engineering Experiment Station, eleven months from October 1, 1961, \$6,400 a year (10-27-61).

- PERELMUTER, SAMUEL, Instructor in Biological Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,500 (10-7-61).
- PIRSIG, ROBERT M., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,400 (10-7-61).
- PITTS, M. HENRY, Assistant Professor of Psychology (Social Sciences), and Counselor, Student Counseling Service (Chicago Undergraduate Division), two years from September 1, 1961, \$9,200 a year, supersedes (10-17-61).
- POXON, MRS. NANCY J., Instructor in Mathematics, 83/100 time, to render service during the first semester of the academic year, September 1, 1961-February 28, 1962, \$375 a month (10-27-61).
- RITT, DONALD J., Clinical Assistant in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- ROBBINS, ANITA, Instructor in Medicine (Medicine), $\frac{1}{2}$ time, October 1, 1961-February 28, 1962, \$383.33 a month, supersedes nonsalaried appointment (10-20-61).
- ROBINS MARY L., Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-20-61).
- ROGGE, WILLIAM M., Research Assistant Professor of Education (University High School), nine months from October 1, 1961, to render service during the academic year, \$800 a month (10-11-61).
- ROSS, JUNE R. P., Research Associate in the State Geological Survey, one year from October 1, 1961, \$6,600 (10-10-61).
- RUMMEL, MARION L., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,400 (10-10-61).
- SALOMON, CARL, Research Associate in Orthopaedic Surgery (Medicine), seven months from November 1, 1961, without salary (11-7-61).
- SARLAS, SOPHIE H., Assistant in Literature and Fine Arts (Division of General Studies), nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- SCHACHT, SYLVIA N., Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- SCHAEFER, ROBERT L., Extension Specialist in Music (Division of University Extension), ten months from November 1, 1961, \$7,920 a year (10-27-61).
- SCHILLER, MRS. ANITA R., Instructor in the Graduate School of Business Administration (Commerce and Business Administration), $\frac{1}{2}$ time, October 1, 1961-August 31, 1962, to render service during the academic year, \$2,360 (10-20-61).
- SCHMIDT, RUTH A., Assistant in Spanish, academic year beginning September 1, 1961, \$5,700 (10-10-61).
- SEARLE, MARILYN S., Assistant in Chemistry, nine months from September 16, 1961, \$4,400, supersedes (10-10-61).
- SINHA, SHYAMAL K., Associate Professor of Veterinary Physiology and Pharmacology (Veterinary Medicine), and Assistant Coordinator of International Cooperation Association Programs, one year from September 1, 1961, \$12,000 (10-10-61).
- SLAMA, LUCIEN P., Visiting Research Associate in Electrical Engineering (S), $\frac{1}{2}$ time, September 16, 1961-August 31, 1962, \$3,000, supersedes (10-10-61).
- SLODKI, SHELDON J., Clinical Instructor in Medicine (Medicine), eight months from January 1, 1962, without salary (11-7-61).
- SMITH, ALEXANDER T., Clinical Instructor in Psychiatry (Medicine), $\frac{1}{4}$ time, October 1, 1961-June 30, 1962, \$208.33 a month, supersedes nonsalaried appointment (10-20-61).
- STARR, LAURENCE D., Special Associate Chemist in the State Geological Survey, eight months from November 1, 1961, \$9,120 a year (10-27-61).
- STILLWELL, MRS. RUTH, Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- STRINGFELLOW, WILLIAM M., Instructor in Education (University High School), academic year beginning September 1, 1961, \$7,000, supersedes (10-24-61).
- SUESS, ALAN R., Assistant in Industrial Education, nine months from September 16, 1961, \$4,900, supersedes (10-20-61).
- SUNDARESAN, P. R., Research Associate in Radiocarbon Laboratory, one year from September 1, 1961, \$6,000 (10-14-61).
- SWANSON, MRS. JUDITH E., Research Assistant in Microbiology, November 20, 1961-August 31, 1962, \$4,900 a year (11-7-61).

- SYKES, JOHN, Visiting Lecturer in Chemistry, academic year beginning September 1, 1961, \$7,500 (10-20-61).
- TALBOT, GEORGE A., Lecturer in Sociology (Liberal Arts and Sciences), and in the Office of Instructional Television (Provost's Office), $\frac{2}{3}$ time, nine months from September 1, 1961, \$4,000 (10-10-61).
- TANG, CHIEN-HUI, Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$5,300, supersedes (10-10-61).
- TAYLOR, DONALD P., Assistant Professor of Nematology (Plant Pathology) (C and S), October 16, 1961-August 31, 1963, \$8,500 a year (10-7-61).
- THOMPSON, EDWARD C., Clinical Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1961, without salary (10-20-61).
- TREPTON, MARVIN O., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- TROTT, (MR.) BEVERLY D., Research Associate in Metallurgy (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,600, supersedes (10-23-61).
- ULANOWSKY, PAUL, Professor of Music, 55/100 time, indefinite tenure from September 1, 1961, to render service during each academic year, \$7,700 a year, supersedes (10-11-61).
- VESTLING, MRS. CHRISTINA M., Assistant in Library Science, ten months from November 1, 1961, \$5,400 a year, supersedes (11-7-61).
- VON HENTIG, ROLAND T., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,000 (10-20-61).
- WAH, THEIN, Associate Professor of Structural Engineering (Civil Engineering), in the International Cooperation Association Programs, one year from September 1, 1961, \$14,500; this appointment is for services under Contract ICAC-1220 at the Indian Institute of Technology, Kharagpur, West Bengal, India, supersedes (10-24-61).
- WALGREN, HAROLD N., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- WATRACH, MRS. MARIAN N., Research Associate in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{4}{5}$ time, eleven months from October 1, 1961, \$5,760 a year (10-10-61).
- WEAVER, JOANNE L., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), eleven months from October 1, 1961, \$4,900 a year (10-20-61).
- WEBER, EVELYN J., Research Associate in Chemistry, October 16, 1961-August 31, 1962, \$6,100 a year (10-20-61).
- WILCZEWSKA, IZABELLA M., Research Assistant in Microbiology, eleven months from October 1, 1961, \$4,900 a year (10-20-61).
- WILEY, ROGER G., Assistant in Verbal Communication (Division of General Studies), nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- WILSON, ROBERT, Registered Pharmacist in Hospital Pharmacy (Pharmacy), ten months from November 1, 1961, \$7,000 a year (11-8-61).
- ZEITLIN, MURIEL E., Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$870 (10-7-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- BELGUM, DAVID, Lilly Foundation Endowment Fellow in Psychology, nine months from September 16, 1961, \$2,700 (9-27-61).
- BOARDMAN, MARY S., Special Fellow in Social Work, nine months from September 16, 1961, \$1,800 (9-25-61).
- BRILL, WINSTON J., United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, \$3,200 (9-20-61).
- COVERDALE, CHARLES E., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,400, supersedes (10-3-61).
- DUNDAS, IAN E. D., United States Public Health Service Fellow (Trainee) in Microbiology, eleven months from October 1, 1961, \$1,650 (10-11-61).
- HAMILTON, WILLIAM A., Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$5,850, supersedes (10-10-61).

- HOUCHENS, ALBERT F., Alfred P. Sloan Faculty Development Fellow in Mechanical Engineering, nine months from September 16, 1961, \$2,400, supersedes (10-11-61).
- JACKSON, MAURICE P., Lilly Foundation Endowment Fellow in Psychology, nine months from September 16, 1961, \$2,700 (9-27-61).
- KENTNER, DELMAR E., Fellow (Intern) in Government and Public Affairs, eleven months from September 1, 1961, \$2,475, supersedes (10-19-61).
- KILLPATRICK, D. H., Olin Mathieson Company Fellow in Metallurgy, September 16-November 30, 1961, \$600 (10-5-61).
- LAHEY, JAMES M., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (10-18-61).
- LEE, JOSEPH, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from November 1, 1961, \$600 (10-31-61).
- LONG, WILLIAM H., Teaching Fellow in Geography, nine months from September 16, 1961, \$1,000, supersedes (9-25-61).
- MEYEROVITZ, ROBERT, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (9-27-61).
- NOZU, KEIICHI, Postdoctoral Fellow (Trainee) in Microbiology, one year from November 1, 1961, \$6,700 (10-7-61).
- PAGE, RICHARD F., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (10-17-61).
- PALMER, RICHARD A., Teaching Fellow in Chemistry, September 16, 1961-January 31, 1962, \$700, supersedes; and February 1-June 15, 1962, \$825, supersedes (10-5-61).
- PARKS, JOE M., United States Public Health Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$7,800 (10-10-61).
- PIERCE, CAROL R., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$2,000 (10-4-61).
- SOLOMON, MRS. BRENDA, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (10-2-61).
- STEINHARDT, MARY-DELL M., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,400, supersedes (10-3-61).
- STROMFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), ten months from November 1, 1961, \$2,300 (10-26-61).
- VICTOR, THOMAS, United States Public Health Service Part-time Medical Student Fellow (Chicago Professional Colleges), nine months from October 1, 1961, \$600 (10-27-61).
- WOLD, FINN, National Institutes of Health Senior Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$9,000 (10-20-61).
- YANKOVSKY, SAUL A., United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, \$2,667, supersedes (10-6-61).

RESIGNATIONS. CANCELLATIONS. AND DECLINATIONS

- BOUB, WILLIAM D., Instructor in Business Management—resignation effective November 1, 1961.
- BURNS, RICHARD O., United States Public Health Service Fellow (Trainee) in Microbiology—resignation effective November 1, 1961.
- CHANNAPRAGADA, MRS. CLAUDE, Assistant Supervisor of Testing, Student Counseling Service—resignation effective November 7, 1961.
- CLOSE, PATRICIA A., Assistant Extension Editor in Agriculture, with rank of Instructor—resignation effective October 1, 1961.
- FLARSHHEIM, ALFRED, Clinical Assistant Professor of Psychiatry (Medicine)—resignation effective September 1, 1961.
- FLERCHINGER, FRANCIS H., Assistant Director, Systems and Program Development, Statistical Service Unit—resignation effective December 1, 1961.
- FOULKS, FREDERICKA L., Instructor in Occupational Therapy (Medicine)—resignation effective December 29, 1961.
- FRYE, CHARLES, Assistant in Radiology (Medicine)—resignation effective September 1, 1961.

- GERENCSEK, V. F., Instructor in Microbiology (Medicine) — declination effective September 1, 1961.
- GIACHETTO, MARJORIE R., Assistant in Chemistry — resignation effective November 1, 1961.
- GREENEISEN, JON F., Instructor in Journalism and in Agricultural Communications and Journalism — resignation effective October 16, 1961.
- HAASE, ERNST, Clinical Assistant Professor of Neurology — resignation effective October 10, 1961.
- HAMILTON, WILLIAM A., Research Associate in Chemistry — resignation effective September 1, 1961.
- HEPLER, ROGER W., Assistant Professor of Vegetable Crops (Horticulture) — resignation effective December 16, 1961.
- JOHNSTON, PATRICIA V., Assistant Professor of Food Technology — resignation effective January 1, 1962.
- KAEBERLE, MERLIN L., United States Public Health Fellow (Trainee) in Veterinary Medical Science — resignation effective September 1, 1961.
- KANDA, IWAO, Pediatrics Resident Physician in the Division of Services for Crippled Children (Chicago Professional Colleges) — cancellation effective September 1, 1961.
- KELLS, HERBERT R., Research Associate in Dairy Science — resignation effective November 29, 1961.
- KITAHARA, MICHIO, Fellow in Anthropology — resignation effective November 4, 1961.
- LEAVY, JOHN M., United States Public Health Service Fellow (Trainee) in Psychology — resignation effective September 16, 1961.
- LEWIS, MRS. ORDA S., National Science Foundation Mathematics Institute Fellow in Mathematics — resignation effective September 16, 1961.
- MANGALO, RAYMOND, Research Associate in Microbiology — declination effective September 1, 1961.
- MANTIONE, MARY E., Assistant in Anesthesiology (Surgery) (Medicine) — resignation effective September 1, 1961.
- MUNO, FRANK J., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy) — resignation effective November 1, 1961.
- PARROTT, JOHN C., Instructor in Surgery (Medicine) — resignation effective July 1, 1961.
- O'CONNELL, WILLIAM, Research Associate in Biological Chemistry (Medicine) — resignation effective November 17, 1961.
- RAO, V. SESHAGIRI, United States Public Health Service Fellow (Trainee) in Animal Science — resignation effective November 1, 1961.
- RAPS, SHIRLEY, United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective November 1, 1961.
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine) — cancellation effective March 1, 1961.
- RIKER, WILLIAM L., Clinical Assistant Professor of Surgery (Medicine) — resignation effective October 1, 1961.
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation — resignation effective November 9, 1961.
- SAWCZYN, EUGENE, Physician in the Health Service (Chicago Professional Colleges) — resignation effective November 5, 1961.
- SHAKOW, DAVID, Lecturer in Psychiatry, with rank of Professor (Medicine) — resignation effective September 1, 1961.
- SLONIGER, CARL R., Assistant in Physical Education for Men — resignation effective October 14, 1961.
- STEWART, ROBERT L., Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective September 1, 1961.
- TUCKER, ROSS N., Assistant Professor of Metallurgical Engineering — resignation effective October 16, 1961.
- VOGEL, WADE W., Assistant in the Institute of Aviation — resignation effective November 5, 1961.
- WANG, MAW S., Research Associate in Soil Chemistry (Agronomy) — resignation effective December 1, 1961.
- WILK, KENNETH E., Research Assistant in the State Water Survey — resignation effective November 1, 1961.

WINCHELL, H. H. FORSYTH, Instructor in Radiology (Medicine) — resignation effective August 31, 1961.

YANKOVSKY, SAUL A., Research Assistant in Microbiology — declination effective September 1, 1961.

LEAVES OF ABSENCE

BARTLE, ROBERT G., Associate Professor of Mathematics — continuation of leave of absence, so that he may continue his work at the University of California during the second semester of 1961-62 under a grant from the National Science Foundation.

BECKER, WESLEY C., Associate Professor of Psychology — sabbatical leave of absence for the academic year 1961-62, on one-half pay.

BURKHOLDER, DONALD L., Associate Professor of Mathematical Statistics — continuation of leave of absence, for the second semester of the academic year 1961-62, for research work at the University of California under a grant from the National Science Foundation.

DICKASON, DONALD E., Director of Nonacademic Personnel — leave of absence on account of disability for an indefinite period beginning September 15, 1961, without pay.

GRIEBLE, HANS G., Instructor in Medicine, in the College of Medicine — leave of absence, without pay, for one year from September 1, 1961, so that he may devote this time to study and research at the Pasteur Institute in Paris under a United States Public Health Service Fellowship.

HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics and in the Agricultural Experiment Station — leave of absence for one year beginning September 1, 1961, without salary.

HULSIZER, ROBERT I., JR., Professor of Physics, in the College of Engineering — extension of leave of absence for the second semester of the academic year 1961-62, without salary, so that he may continue with his work in the Radiation Laboratory at the University of California.

MASON, RALPH E., Assistant Professor of Business Education — leave of absence, without pay, on $\frac{1}{3}$ time, for nine months beginning October 1, 1961, so that he may serve on the Board of Vocational Education for the state of Illinois.

MCNEIL, EDWARD B., Professor of Physics, in the Chicago Undergraduate Division — leave of absence, with $\frac{7}{8}$ time pay, beginning September 1, 1961, and continuing through February 28, 1962.

SCHAEFFLER, MRS. JOAN M., Instructor in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and in Veterinary Research, in the Agricultural Experiment Station — leave of absence, without pay, beginning September 21, 1961, and continuing through November 15, 1961.

WADE, BEATRICE D., Associate Professor of Occupational Therapy and Head of the Department, in the College of Medicine — leave of absence, without pay, for two months beginning May 1, 1962.

WARRICK, ELVIN S., Mathematics Librarian in the Library, with rank of Instructor — disability leave of absence, with full pay, from August 1 through November 30, 1961.

WOLD, FINN, Assistant Professor of Biological Chemistry — additional leave of absence, without pay, for a five-year period, from September 1, 1961, through August 31, 1966, so that he may continue his research work under a National Institutes of Health Senior Fellowship.

CANCELLATION OF LEAVE OF ABSENCE

LOHRER, ALICE, Associate Professor of Library Science — cancellation of leave of absence from September 1, 1961, through August 31, 1962.

RETIREMENT

HERMAN, CHARLES E., Superintendent of University Print Shop, *Emeritus*, effective September 1, 1961.

DECEMBER AND JANUARY MEETINGS

The Board has previously voted to hold its December, 1961, meeting in Chicago on Tuesday, December 19, and has accepted an invitation

from Mr. C. W. Weldon, Treasurer, to meet in the executive offices of the First National Bank of Chicago.

President Williamson asked the Board if it desires to change the date of the January, 1962, meeting.

On motion of Mrs. Watkins, the Board voted to hold its January, 1962, meeting on Thursday, January 11, in Urbana.

RESOLUTION ON FOOTBALL TEAM

Mr. Clement offered a resolution of tribute and appreciation to the 1961 Varsity Football Team and to its coaching staff.

This resolution was adopted and a copy filed with the Secretary.

STATE OF ILLINOIS FLAG

Mr. Dilliard asked that consideration be given by University officers to flying the state of Illinois flag daily, along with the national colors, in appropriate campus areas.

EXECUTIVE SESSION AND RECESS

President Williamson announced that an Executive Session had been requested, and was being ordered, to be held after luncheon, for consideration of property transactions and patentable inventions which involve federal agencies.

He also stated that today's meeting offers an unusually good opportunity for the Board of Trustees to inspect the Assembly Hall, due to its present stage of construction and because its architect, Mr. Max Abramovitz, is here. The inspection was held after luncheon.

On motion of Mrs. Watkins, the Board recessed.

GUESTS OF THE BOARD AT LUNCHEON

The officers (Executive Committee) of the Student Senate at Urbana-Champaign were guests of the Board at luncheon and were introduced.

Dean King J. McCristal of the College of Physical Education was also a guest, was introduced, and addressed the Board briefly on the state of the College.

Mr. Thomas P. Parkinson, Director of the Assembly Hall, was also a guest and was introduced.

When the Board convened after luncheon the same members, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Avalanche transistor circuit — William Michael Henebry, Electronics Engineer, Department of Physics, inventor. This device is a transistor circuit that permits the use of an avalanche transistor under high duty-cycle conditions.

The Associate Head of the Department of Physics, in which this was developed, has considerable doubt that the device is patentable and, therefore, recommends that the rights of the University be released to the sponsoring agency, the United States Navy. The Patent Committee concurs.

2. Signal amplitude limiting and phase quantization in antenna systems — Donald Lester Bitzer, Research Assistant Professor in the Coordinated Science Laboratory, inventor. The novel aspects of this scheme are quantizing of the signal phase to a discrete phase level, application of this scheme to coherent radar

in synthesizing long antennas, and incorporation of electronic steering of the beam pattern using quantized phase level.

The Director of the Coordinated Science Laboratory is of the opinion that this invention offers little possibility of commercial development but has good probabilities of definite military application; therefore, he recommends that the rights be released to the sponsoring agency, the United States Army Signal Corps. The Patent Committee concurs.

3. Dynamic cross-field electron multiplier — Don F. Holshouser, Associate Professor in Electrical Engineering, inventor. On December 21, 1960, the Board of Trustees approved release of this invention to the University of Illinois Foundation for further development and patent application; application for a patent has now been made. It is recommended that 15 per cent of any income from a patent, if issued, after deducting the expenses of the Foundation, be paid to the inventor.

4. Mulch planting method and device — Roger R. Yoerger, Professor of Agricultural Engineering, and Loren Boppert, student, inventors. This invention consists of a planter that is mounted as an integral unit on the mulch-laying machine with a rotating wheel that follows on the mulch and automatically pierces the mulch, drops the seed into the soil, and covers the seed by firming the soil around it.

Study has indicated that it is desirable to apply for a patent, and it is recommended that the rights of the University in this invention be transferred to the University of Illinois Foundation for further development and possible patent application.

5. Polymers containing recurring thiazole units — Carl S. Marvel, formerly Research Professor of Organic Chemistry, and James E. Mulvaney, formerly Research Associate in Chemistry, inventors. This invention is a synthesis, which can be cast into films, involving condensation of bis-thiolamides and bis-bromomethyl ketones.

Study has indicated that it is desirable to apply for a patent; therefore, it is recommended that the rights of the University in this invention be transferred to the University of Illinois Foundation for further development and possible patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Air Force.

6. Remotely controlled spray head for varying spray swath width — Beverly Jack Butler, Assistant Professor of Agricultural Engineering, inventor. The remotely controlled spray head varies the width of swath by the covering and uncovering of individual passages to separate commercial nozzles, each of which sprays a specific portion of the total width of swath. The nozzle spray angle, position, and output are selected to give even distribution.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for further development and possible patent application.

7. Polyborimadazolines — Carl S. Marvel, formerly Research Professor of Organic Chemistry, and James E. Mulvaney, formerly Research Associate in Chemistry, inventors. A new thermally stable polymer prepared by the melt condensation of 3,3'-diaminobenzidine and tetra-*n*-butyl benzene-1,4-diboronate.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for possible patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Air Force.

8. Edible carbohydrate coating for foods — Lyle Allen, Assistant in Food Technology, and Alvin I. Nelson, Professor of Food Processing, inventors. This invention relates to the development of an edible, pliable, tough, and protective coating for various food products. The coating is composed of sodium alginate and corn starch; microbial inhibitors, antioxidants, and flavors can be added to the coating. It reduces or practically eliminates moisture loss and in many instances preserves the quality of the food product.

This development was referred to the University of Illinois Foundation and its patent attorney for study. The Foundation consulted with the Corn Industries Research Foundation, the sponsoring agency; and it was the consensus that this invention probably is not patentable. The Patent Committee concurs; and accordingly, it is recommended that the rights of the University in this invention be released to the inventors.

9. Electrostatically operated switch — Paul Ernest Weston, Research Assistant in Electrical Engineering, inventor. This invention is an electrostatically operated switch suitable to replace many functions of the common electromagnetic relay, but requiring very much less control power, and for this reason is adaptable to many useful situations in which existing electrically controlled switches fail due to lack of power sensitivity.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Navy.

10. Size-indicating, object-enumerating logic network — Paul Ernest Weston, Research Assistant in Electrical Engineering, inventor. This device counts the number of dark objects in a transparent field. It is thought that it has novelty in being a repetitive network performing this counting function, with invariances.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for development and patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Navy.

I concur.

On motion of Mr. Clement, the foregoing recommendations were approved.

ACQUISITION OF PROPERTY FROM MR. AND MRS. CHARLES J. MERRIAM

(2) Mr. and Mrs. Charles J. Merriam are considering a gift to the University of one-half of the stock in their Wisconsin corporation, Pine Tree Farms, Inc., such gift to be made over a period of approximately five years. The other one-half of the stock in the corporation will be given to the Chicago Council of the Boy Scouts of America over the same period of time. The corporation owns real estate in Waushara, Marquette, and Adams Counties in Wisconsin, and certain tangible personal property located thereon. Some of these properties will be transferred by the corporation in advance of the gifts of the stock.

The Merriams are willing to make such gifts only if the donees will currently assume the responsibility of management, maintenance, and care of the properties, the annual cost of which is presently estimated at \$5,000. The Chicago Council of Boy Scouts is willing to undertake such obligations during the period in which the gifts are to be made, provided that the University or the Foundation will agree to pay one-half the net losses, if any, which the Council may incur by reason thereof. When all the stock has been given to the University and the Chicago Council of Boy Scouts, it is contemplated that Pine Tree Farms, Inc., will be dissolved and its property distributed in liquidation to the University and the Scouts. Agreement has been reached as to the property to be distributed to each. The University will then sell the real estate it receives.

The Foundation is willing to assist the University in procuring this gift by contracting to pay the Boy Scouts one-half of the net losses, if any, of the Scouts under the management contract during the gift period, provided the University will agree to reimburse the Foundation therefor out of the dollar proceeds which the University receives on the disposition of the property obtained through the Merriam gift. Such an arrangement between the University and the Foundation would not involve the expenditure of any state-appropriated funds.

The Vice-President and Comptroller recommends that the Board authorize an arrangement with the Foundation whereby the University will agree to reimburse the Foundation for expenses which it may incur in so procuring the gift from the Merriams, such reimbursement to be made only as, if, and when the Merriams' stock gift is converted to money, and such reimbursement to be payable only out of, and not in excess of, the money so obtained. The Legal Counsel has approved the recommendation.

I concur.

On motion of Mr. Swain, acceptance of this offer, in accordance with the terms and conditions recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr

Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

BEQUEST OF MARY C. McLELLAN

(3) In her will (as recorded in the minutes of January 27, 1940), the late Mary C. McLellan, Class of 1888, left the remainder of her estate to the University of Illinois for the purchase of art objects and/or the establishment of a traveling scholarship in art. There was also a provision in her will in which her residence property at 706 West Park Avenue, Champaign, was left to Birdie M. Nash for life, and upon the death of the life tenant the remainder interest in the property was given to Mrs. Nash's daughter, now Mrs. Lois Nash Dickson. The will contained a provision that if Mrs. Dickson were not living at the time of the death of her mother, the real estate should be sold and the proceeds given to the University.

Mrs. Nash is now seventy-eight years old, has moved from the nine-room house into an apartment, and does not wish to live in the McLellan house again. She would have the right to rent the house, but since no improvements have been made for a number of years, considerable expense would be involved, and she does not wish to assume the management responsibilities. Both Mrs. Nash and her daughter feel that it would be to the best interests of all concerned if the property could be sold. An offer of \$14,000 has been received from Thomas R. and Suzanne Bryant Skaggs. The price is in line with the appraised value and is acceptable to Mrs. Nash and Mrs. Dickson. The Vice-President and Comptroller and the Legal Counsel recommend that the Board of Trustees consent to the sale of the property for \$14,000 on the following conditions: that Mrs. Nash, Mrs. Dickson, and the University enter into an agreement to place the proceeds of the sale in trust in a local bank, the income from the trust to be paid to Mrs. Nash during her lifetime; that if Mrs. Dickson survives Mrs. Nash, the principal of the trust fund so created will be paid by the Trustee to Mrs. Dickson; and that in the event Mrs. Dickson predeceases her mother the principal of the trust fund will be turned over to the University upon the death of Mrs. Nash.

I concur, and recommend adoption of the following resolution:

Resolution

WHEREAS, under the provisions of the Will of Mary C. McLellan, Deceased, the hereinafter-described property located at 706 West Park Street, Champaign, Illinois, was devised to Mrs. Birdie M. Nash to have, hold, use, and enjoy the same so long as she shall live; and upon the death of the said Mrs. Birdie M. Nash said property was devised to her daughter, Mrs. Lois Nash Dickson, if then living; provided that if Mrs. Lois Nash Dickson should die prior to the date of the death of her mother, said property should be converted into cash and the funds derived therefrom devoted by The Board of Trustees of the University of Illinois to the purchase of objects of art for the Art Department of the University of Illinois and/or the establishment of a traveling scholarship in said Art Department to be known as the "Mary C. McLellan Scholarship"; and

WHEREAS, said Mrs. Birdie M. Nash and Mrs. Lois Nash Dickson desire to sell said property and it is deemed to be in the best interest of all concerned that said property be sold at this time and the proceeds derived therefrom placed in trust with the First National Bank in Champaign, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office at 30 Main Street, in the City of Champaign, County of Champaign, and State of Illinois, or other local corporate trustee and the income derived from said trust fund be paid to said Mrs. Birdie M. Nash during her lifetime and upon her death the proceeds of said trust fund be paid to said Mrs. Lois Nash Dickson, if she be then living, and if she should not be then living, be paid to The Board of Trustees of the University of Illinois to be devoted by it to the purposes set forth in said Will; and

WHEREAS, Dr. Thomas R. Skaggs and Mrs. Suzanne Bryant Skaggs, husband and wife, have offered to purchase said property for the sum of Fourteen Thousand Dollars (\$14,000);

Now, Therefore, Be It And It Hereby Is Resolved, by this Board of Trustees

of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver in the name of, and in behalf of, this Corporation, and under its Corporate Seal, a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Dr. Thomas R. Skaggs and Mrs. Suzanne Bryant Skaggs, husband and wife, all right, title, and interest this Corporation may have in or to the following-described property, viz.:

Beginning at a point Twelve (12) rods West of the Southwest corner of Lot Six (6) in Block One (1) of McLaurie, Leal and Cloke's Addition to the City of Champaign, Illinois, thence North One Hundred Twenty-four (124) feet, more or less, to an alley, thence West Sixty-seven (67) feet, thence South to the North line of Park Avenue, thence East on the North line of Park Avenue to the place of beginning, situated in the County of Champaign and State of Illinois.

Be It And It Hereby Is Further Resolved that said Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed to enter into a trust agreement in the name, and in behalf of, this Corporation and to execute such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to place the proceeds from the sale, after deduction for the costs of a title policy, appraisal, federal documentary tax stamps, attorney's fees, abstracting and recording costs, and other expenses usually incident to a sale, in trust with the First National Bank in Champaign, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office at 30 Main Street, in the City of Champaign, County of Champaign, and State of Illinois, or other local corporate trustee, under an agreement whereby the income of the corpus of the trust shall be paid to Mrs. Birdie M. Nash during her lifetime, and upon her death the corpus of the trust shall be distributed to Mrs. Lois Nash Dickson, if she then be living, and if she should not then be living, to this Corporation in accordance with the provisions of the Will of Mary C. McLellan, Deceased.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

ANNUAL MEETING

Some of the Trustees stated that they would be unable to attend the next annual meeting if held on the second Tuesday of March as provided in the Bylaws.

On motion of Mrs. Watkins, the Board voted to change the date of the 1962 annual meeting from Tuesday, March 13, to Thursday, March 15, to be held in Urbana. There were no dissenting votes.

It was the consensus of the Board that no changes be made in the dates of the other meetings following March and during the first half of the calendar year 1962. Accordingly, these meetings will be held on the third Wednesdays as provided in the Bylaws: February 21 and April 18 (in Chicago), May 16 and June 20 (in Urbana).

On motion of Mr. Pogue, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President