

PROCEEDING OF THE BOARD OF TRUSTEES, MARCH, 1885.

The Board met at the University parlor at 4 o'clock P. M., March 10th, 1885.

Present—Trustees Cobb, McLean, Millard, Pearman and Paden.

Absent—Governor Oglesby, Trustees Bennett, Earle, Follansbee, Landrigan and Postel.

The minutes of the last meeting were adopted as printed and revised.

The election of officers was postponed until March 11, 1885, at 10 o'clock A. M.

Trustees Cobb and Pearman were appointed by the chair to serve on the Auditing Committee, vice Bennett and Postel absent.

Regent Peabody read the following report, which was received for further consideration.

To the Trustees of the Illinois Industrial University:

GENTLEMEN: The present occasion marks the close of the second term of my service as Regent of this University, and brings me nearly to the end of five years since the duties were first undertaken. It may not be amiss to look back over this period and see what progress, if any, has been made by the University under your supervision.

No substantial change in the organization of the University has been designed or attempted. The effort to maintain the integrity of existing outlines under severe financial embarrassment has required the full strength of those in authority. It is earnestly hoped that the time has nearly come when some steps in progress may be safely taken, particularly in the establishment in the College of Engineering of a well organized school of Mining Engineering.

The School of Chemistry in the College of Natural Science, has, in the last two and one-half years, been thoroughly renovated. Its courses in Assaying, Agricultural Chemistry, Pharmacy and General Analysis are thorough and efficient. Except at a time when a temporary interest was awakened by the discovery of a new method of manufacturing sugar from sorgham, a discovery whose benefits, if any existed, were of right the property of the State, as having been developed in its University, at public cost—the number of chemical students, and especially the grade of the chemical work, in all its departments has never been greater or higher than now. While performing with success the duties of this chair, the Professor of Chemistry has conducted, at the request of the Agricultural Department at Washington, an elaborate and exhaustive examination and discussion of the fineness elasticity and strength of wools from many localities and of a great variety of breeds. The investigation has been aided by new and delicate mechanism of the professor's own invention. The results, as collated and tabulated, ready for publication, are most remarkable and valuable. They reach to the core of the subject, showing what wools are best adapted for various purposes, and why and what breeds are most serviceable and profitable to the breeders of sheep. It is expected that these results will be published under government auspices, or it would be desirable that the University itself should assist in bringing them before the public.

The unsuccessful effort of three years ago to secure for the University the presence and aid of Prof. S. A. Forbes for the organization of the instruction of Zoölogy was renewed last year, and has been crowned with better fortune. Since the opening of the new year the Zoölogical laboratory has become an active agency in this department of physical science, and its success is well assured. A new interest has been aroused in this science. The office of the State Entomologist has found a home, it is to be hoped permanent, where it naturally belongs. The governing board of the Normal University has unanimously resolved that the State Laboratory of Natural History should find its proper abode here at the State University, and has consented that the property peculiar to the work of that laboratory may be transferred hither. This change requires only legislative action before it

can legally go, as it has practically gone into effect, and there appears to be little doubt that such action will be taken during the present session. When that action is law, your attention will be asked to plans for arranging quarters suitable for this new and important department.

The schools of Mechanical Engineering and of Architecture have shown large progress during the past four years. In each the number of students has increased about threefold. The courses of shop instruction in the freshman year have been changed from one short term in the spring to the occupation of the entire year, while we would yet be glad to secure more time for shop teaching, if it could be spared from other studies. As it is, the mechanical shop is occupied during the entire day, and any material increase in numbers—such an increase as our late experience may well lead us to expect—will make it necessary to add one or two competent assistants to our force of shop teachers. The Legislature has been asked to furnish the means to purchase more machine tools for second year's students, an aid which is certainly imperatively required. The projected increase of shop-room for the architectural shops should not be postponed beyond the coming summer vacation, even if the artillery should be required to stand in the yard without shelter.

The drift of the instruction at the University may be best understood from the following table, prepared for insertion in the last report of the Regent to the State Superintendent of Public Instruction:

Percentages of Students in the Different Courses of Study.

	1868-1881.		1881-1882.		1882-1883.		1883-1884.		1884-1885.	
	Courses.	Colleges.	Courses.	Colleges.	Courses.	Colleges.	Courses.	Colleges.	Courses.	Colleges.
School of Agriculture.....	18		6		7		7		6	
College of Agriculture.....		18		6		7		7		6
School of Mechan'l Engineering.....	10		12		10		14		17	
School of Civil Engineering.....	10		12		14		15		13	
School of Mining Engineering.....	1		1		1		1		1	
School of Architecture.....	3		4		5		6		6	
College of Engineers.....		24		29		30		36		37
School of Chemistry.....	7		12		10		8		2	
School of Natural History.....	2		4		3		5		5	
School of Domestic Science.....	1									
College of Natural Sciences.....		10		16		13		13		13
School of Art and Design.....									2	3
Elective Scientific.....		13		11		12		10		7
Total Technical.....		60		62		64		68		66
College of Literature and Science.....		32		35		34		31		32
Commercial.....		3								
Special.....		3		1						
Special Military.....		1								
Resident Graduates.....		1		2		2		1		2
Grand Total.....		100		100		100		100		100

An examination of the foregoing table should forever set at rest any question which may have arisen as to the intent or effort of the present management to change the character of the University in such a way as to lessen by the least fraction its technical and scientific superiority, or, as it is sometimes averred, to convert it into a "mere literary and classical college."

Still it must not be forgotten that literature and language have a lawful and legitimate place here which must not be denied nor abridged, nor hidden beneath a bushel.

The material and visible improvements made during the last four years at the University are not unworthy of notice. The most notable, perhaps, is the building of the boiler-house with the removal of boilers from the basement of the main building and their replacement by two of much larger capacity than that of the first set. As a result of this improvement may be cited the fact that since the change was made, and particularly during the phenomenally inclement season from which we are just emerging, the main building has been regularly and constantly warmed, and the old days of frozen pipes and enforced holidays have entirely passed away.

The latest improvement in the boiler-house is the setting of a new boiler for pumping uses, with a duplex pump and attachments which command every floor and the roof of the main building, and give added security against fire. But this leads me to say that a matter which will require attention at an early day will be some method of securing a more abundant supply of water.

Lesser items of improvement are the building of the blacksmith's shop, with its cupola for melting iron, and its sixteen fires and forges; the enlargement of the pattern shops and of the machine shops; the building of the dairy-house; the building of the farm cottage; thorough repairs of both the north and the south barns; the painting of the main building; the shelters at the basement doors of the main building; the construction of a sewer from main and chemical buildings to the creek; the neat fences on either side of Green street; the fitting up of the observatory for the reception of the new twelve-inch theodolite; the fitting up of the botanical laboratory; the fitting up of the zoological laboratory; the renewal of the ceiling of the upper story of the west wing of the main building; and the occupation of the room as a museum of industrial art, whose fitting centre-piece is the beautiful and unique Gay model; the recelling of a part of the art gallery, and renovation of the same; the construction of new cases in and the rearrangement of the library by which its capacity for books was duplicated; the opening of new rooms for mathematical and engineering drawing, and the addition to the equipment of all other drawing rooms. To this may be added the constant accumulation of books, apparatus, models, and other means of instruction and illustration, as fast as the needs for them have been found and the funds found.

In this hasty enumeration of improvements made will be seen the reasons for the regular increase of students in the technical studies. Much as has been done, there is yet need for farther improvements in many directions.

Nor should we forget the removal of the old dormitory building—unsightly, unhealthy, and a constant menace to good morals and good government. Without doubt the ground on which the building stood should be sold whenever an advantageous sale can be made, and the proceeds be either added to endowment or invested in some useful and necessary buildings. So long, however, as there is no present market for this property and its holding costs the University nothing, it should be kept until it shall be sought after for more important uses. The time will come when the University will wish to hold no property north of Springfield avenue, if, indeed, it shall not prefer to retire quite south of the horse railway. Meanwhile, the acquisition of the Chase lots has straightened your lines in a serviceable manner, which will be completed, possibly to your entire satisfaction, in a way to be referred to later.

The financial affairs of the University have been greatly aided during the past four years. The legislature has twice recognized the claims of the University for assistance in view of the diminished rates of interest earned by its endowment. The lapsed indebtedness of Kankakee county has been satisfactorily settled, without expense and vexatious litigation, and the University has been secured from loss. Indeed, it may be a matter of congratulation that the State of Illinois has never been called to replace any of the endowment of this University, because lost in unfortunate investments, as in such case the law of Congress requires. The same good fortune has not attended all our Western States.

The sale of Nebraska lands has been well organized, and has so far progressed that there seems little doubt but all will be taken at the prices fixed, adding \$120,000 to our endowment, and raising our total to more than \$450,000. Without presuming to question the wisdom of those who in an early day managed the financial interests of the University, in the light of present facts we may well wish that she were the fortunate investor of 100,000 acres of land scrip in Nebraska instead of the 9,000 acres that she did locate there. So often it is in the history of colleges, as of persons, that a great future welfare is sacrificed for a paltry present gain. That the University, as the assignee of the State, had a lawful right to make such investments there can be no shadow of a doubt, or that it has an indefeasible title to the lands so entered, which it now holds under patents duly issued to it by the government of the United States.

Meanwhile the University is constantly gaining in favor with the people of the State, from the knowledge of it disseminated through its students, through its faculty, through the press of the State, which has of late uttered no unkind words concerning it, and through the troops of visitors of every shade of opinion and sentiment, who frequently come to scoff, but who uniformly go away to praise. Among its late visitors may be named committees from the State Grange and the Legislature, the State Horticultural Society, the State Dairymen's Association, the State Press Association, a large concourse of the Masonic order, with smaller groups innumerable. Both the agricultural and secular press have adopted a kinder and more appreciative tone than was always their habit in the earlier days of our history.

It is well thus to look over the history of the years and count up the results of our labors, if for no other good than that we may take heart to go forward. We must not, we do not, imagine that the University has achieved any more than elementary successes. There is much to be done which time and progress will make known. There are many things which are yet needed before the institution will have taken its true position. We need now a name which is a true and broad index of the scope and quality of our work. We need the active sympathy and aid of a large and influential body of educated and cultivated men and women in the State, who from force of habit and circumstance have never even yet discovered how grand is the enterprise here in action, nor how far assured is its success. While we enter into no competition with other collegiate institutions within the borders of the State—there is room enough for us and for them to march ever out of sight of each other's banners—we do want that a large part of the thousand students who annually leave the State for no greater privileges on the Eastern slope than they could find here, should stay at home for their education.

We need, what we may not soon obtain, a larger endowment. A senator asked me when this institution would be self sustaining. I answered, not while we give \$150 worth of tuition for \$22.50. The more business we do at these figures the more aid we must ask of the State. We need more men to carry forward our work.

We need, and must maintain, a constant, vigorous, and healthy growth. Having thus hastily glanced at the retrospect, I beg to call your attention to other matters of more immediate interest.

THE HALF WAY HOUSE.

The Half Way House, so called, on the line of the horse railway, and the land adjacent, near the northwest corner of the arboretum, has been before brought to your attention, and some negotiations were had for the purchase of the building and the ground it was supposed to occupy. Since your last meeting the house has been burned. From some investigations I had before made, it had seemed to me that the building really stood on the University property, and that the builder was in error as to the lot which he supposed he had purchased. The deed by which the University holds the west half of the west half of the northeast quarter of section 18, &c., that is the ground of the arboretum, college campus, etc., has been examined by competent legal counsel, and I am advised that the corner lot, being the southeast corner of Wright street and the right of way of the horse-railway, is the property of the University, and that the lot bought by Mr. Rush lies next east of the corner lot. This lot he has sold to the horse-railway company, and I have a communication from Mr. F. G. Jaques, its secretary, offering it to the University, upon terms specified. The University should certainly have the lot if it can be obtained at reasonable terms. If secured, the line of lots south of the horse railway will all be included in the arboretum.

ELECTRICAL APPARATUS.

The purchase of a dynamo electrical generator for the joint use of the chemical and physical laboratories has long been desired, but has been postponed from time to time for sufficient reasons. With a view to this purchase, the State appropriation for the laboratories for the current year has been drawn upon sparingly, and the time seems to have come when we can safely make this outlay. The machine is wanted primarily for experiments in the physical laboratory, both for lighting and measurement, and in the chemical laboratory for electro-metallurgy. When not in use in these ways it may be used to a moderate degree for illumination. From investigations made I believe that a machine suitable for our purposes, with the necessary attachments to an engine, line, and fittings, will cost about \$500. I ask authority to use that sum for the purpose.

I would advise that authority be given to expend the balance of the appropriation for such apparatus as may seem most needed.

THE GYMNASIUM.

The attention of the students to this work is increasing. The money appropriated a year since has been usefully expended. I ask a farther appropriation of \$100 for this purpose with authority to use a portion of it in causing the floor of the platform in the drill hall to be reduced to one level, instead of being raised in steps as now. In this way room may be made for primary apparatus not in the way of the drill and not requiring, as now, to be constantly removed. The change is a simple one and should not cost more than \$20.

Prof. Burrill asks that he may be permitted to fit up that part of the east basement once used for taxidermy, but now no longer needed for that purpose, and use it for micrographic photography. I concur in his request.

I recommend that W. H. Garman, assistant to Prof. Forbes, be appointed assistant in zoölogy without salary, for the remainder of the current year.

With great regret I present to you the resignation of Prof. F. W. Prentice to take effect at the end of the current collegiate year. Dr. Prentice has occupied the chair of veterinary science and physiology for a long term of years, with great fidelity and success. It will be no easy matter to supply properly the vacancy.

Authority is asked to publish 4,000 copies of the annual catalogue at an expense not to exceed \$300.

The usual report of classes taught by instructors and the inventory of personal property of the University are presented.

I respectfully ask the following appropriations, including those named before:

From the State Appropriations for Laboratories—	
For a dynamo and adjuncts.....	\$500 00
For chemical apparatus.....	250 00
For the botanical laboratory.....	100 00
From State Appropriations for Cabinets—	
For labor on the herbarium, etc.....	\$16 50
For bird skins for museum.....	50 00
For apparatus for making microscopic sections.....	60 00
From Current Expense Account—	
For collection of photographs, etc., for school of architecture.....	\$50 00
For outfit of stamps, etc., for schools of engineering and architecture.....	20 00
For gymnasium.....	100 00
For new case for card catalogue in library.....	30 00

Balance Sheet of Agricultural Department, Dec. 1, 1884.

<i>Cr.</i>			
Inventory Dec. 1, 1884:			
Live stock.....	\$10,080 00		
Farm products.....	1,980 00		
Teams.....	1,350 00		
Machinery and tools.....	1,850 00	\$15,260 00	
Sales—Live stock.....	\$4,788 00		
Butter and milk.....	575 87		
Grain and hay.....		5,313 65	
Miscellaneous.....		897 26	
		147 61	\$21,620 52
<i>Dr.</i>			
Inventory Dec. 1, 1883:			
Live stock.....	\$10,301 00		
Farm products.....	2,065 00		
Teams.....	1,275 00		
Machinery and tools.....	1,900 00	\$15,541 00	
Paid—For labor.....	\$2,676 04		
Stock purchased.....	1,030 70		
Special food for stock.....	352 51		
Machines, tools and repairs.....	214 70		
Ordinary repairs.....	173 99		
Seeds, freight and advertising.....	135 10		
Miscellaneous.....	167 50		
		4,750 54	
			20,291 54
Profits from year's work.....			\$1,329 98

The Griggs Farm.

It was ordered last year that the accounts of this piece of property should be kept separately from those of the University farm. The fencing and drainage required has been completed, and the account of this farm stands as follows:

<i>Cr.</i>			
Rent.....	\$460 00		
Hay.....	80 00		
Old lumber.....	7 00		\$547 00
<i>Dr.</i>			
Tile and ditching.....	\$376 15		
Fencing.....	75 92		
			452 07
Profits for the year.....			\$94 93

It should be remarked, however, that the whole outlay upon this property is of the nature of permanent improvement, which is already yielding return in the way of increased rental.

THE HORTICULTURAL DEPARTMENT.

The lands used by this department are divided thus:

Orchard, acres.....	30
Forest plantation.....	15
Small fruits and grapes.....	6
Garden and nursery.....	2

This department is also charged with the care and ornamentation of the public grounds the arboretum and the University campus. The old college campus has paid in hay for the cost of its care. The culture of strawberries has yielded a profit. The blackberries and grapes paid nothing. The attempt to grow vegetables for the canning factory was not profitable. The chief item of expense in the nursery was caused by clearing up ground which had been previously in use.

The expense of the green-house, including the wages of the gardener, exceeds the income by \$516 43. Against this item may be offset the value of more than 13,000 plants furnished by the green-house for the decoration of the public grounds. These plants would have cost fully that sum if bought at the wholesale market rates.

The balance sheet of this department is as follows:

Balance Sheet of the Horticultural Department.

<i>Credits.</i>			
Receipts from—			
Orchard.....	\$34 95		
Small fruit.....	513 17		
Nursery.....	49 10		
Forest and arboretum.....	55 80		
		\$653 42	
Green-house, sales.....	\$533 44		
plants for grounds, estimated.....	500 00		
		1,033 44	
State appropriations, buildings and grounds.....		483 55	
			\$2,170 41
<i>Debits.</i>			
Payments for—			
Orchard, labor.....		\$45 00	
Small fruits, labor.....	\$491 62		
material.....	74 80		
		566 42	
Nursery, labor.....	\$55 00		
material.....	20 42		
		75 42	
Forest and arboretum.....		24 00	
Green-house, labor.....	\$152 00		
gardener.....	600 00		
repairs.....	52 01		
fuel.....	114 26		
materials.....	131 60		
		1,049 87	
University campus, labor.....	\$441 55		
material.....	42 00		
plants from green-house.....	500 00		
		983 55	
			\$2,744 26
Balance, payments above receipts.....			\$573 85

Balance Sheet Chemical Department, March 1, 1885.

<i>Credits.</i>			
State appropriations.....	\$30 99		
Receipts for students.....	890 29		
Material sold.....	16 60		
Balance of last year, re-appropriated.....	99 99		
Material supplied other departments.....	15 05		
			\$1,052 92
<i>Debits.</i>			
Apparatus and chemicals.....	\$714 64		
Gas.....	156 00		
Repairs.....	77 93		
Sundries.....	48 14		
		986 81	
Balance to credit.....			\$66 11

Balance Sheet Machine and Carpenter Shops, March 1, 1885.

	Carpenter Shop.		Machine Shop.	
<i>Credits.</i>				
Work for University	\$2,198 02		\$829 49	
Work for other parties.....	416 74		33 35	
State appropriations	500 00		1,000 00	
		\$3,114 76		\$1,862 84
<i>Debits.</i>				
Materials and tools	\$1,162 88		\$536 07	
Labor.....	1,034 69		740 93	
Power.....	116 54		116 54	
Teacher and foreman	960 00		1,200 00	
		3,274 11		2,593 54
Balance against General fund.....		\$159 35		\$730 70
Number students taught during year.....		23		56
Inventory of stock on hand.....		\$650 00		\$1,044 36

General Balance Sheet.

Department.	Loss.	Gain.
Agricultural Department.....		\$1,329 98
Horticultural Department.....	\$573 85	
Chemical Department.....		66 11
Mechanical shops.....	890 05	
Balance.....		67 81
	\$1,463 90	\$1,463 90

Respectfully submitted,

S. H. PEABODY, *Regent.*

The following report from the Professor of Agriculture was read, and on motion of Trustee McLean was received and ordered filed:

CHAMPAIGN, March 7, 1885.

Dr. S. H. Peabody, Regent:

During the last three months the extreme cold weather and the deep snow have prevented about all farm labor except the care of live stock. With a very few exceptions these have done well. More than the usual quantity of food has been required. We have been able to give comfortable shelter to all the stock.

• During the three months the sales have amounted to \$496.58. The chief items are: Hay, \$153.35; butter and milk, \$122.50; cattle, \$139; old horse, \$60.

The payments for the quarter have been \$1,044.41. Of this sum \$558.50 were for stock purchased and on hand, including steers and calves for experimental feeding, twelve Cots-wold ewes, and steers for ordinary feeding.

We have now pure bred or grade Ayrshire, Hereford, Holstein and Short Horn steers, near one year old, for feeding in comparative test of these breeds.

We have a number of young Short Horn bull calves for sale, and can now also spare Short Horn and grade cows and heifers. We can sell hay, but shall need grain.

On the whole, I think we are in good condition.

Respectfully,

G. E. MORROW,

Professor of Agriculture.

On motion of Trustee Pearman, the request of Prof. Burrill for an assistant in the Horticultural Department was referred to the Committee on Buildings and Grounds.

The President appointed Trustees Cobb and McLean to fill vacancies on the Farm Committee, and Regent Peabody and Trustee Paden on the Committee on Buildings and Grounds.

Voted, that if the Board adjourn it be to meet at the Doane House, in Champaign, at 8 o'clock P. M.

The Business Agent then submitted the following statements, which were read and referred to the Auditing Committee:

State Appropriations.

July, 1883.	Appropriated.	Received.	Expended.	Balance.
Taxes on lands, $\frac{1}{2}$ per annum.....	\$5,000 00	\$4,969 06	\$4,969 06	.....
Buildings and grounds, $\frac{1}{2}$ per annum.....	6,000 00	6,000 00	5,292 89	\$707 11
Laboratories, $\frac{1}{2}$ per annum.....	3,000 00	3,000 00	2,000 96	999 04
Mechanical and arch'l shops, $\frac{1}{2}$ per annum.....	3,000 00	3,000 00	2,431 82	568 18
Books and publications, $\frac{1}{2}$ per annum.....	3,000 00	3,000 00	1,868 77	1,131 23
Cabinets, $\frac{1}{2}$ per annum.....	2,000 00	2,000 00	517 12	1,482 88
Current expenses of instruction, $\frac{1}{2}$ per annum.....	28,000 00	28,000 00	28,000 00	.....
Blacksmith shop.....	2,500 00	2,500 00	2,500 00	.....
Machines and tools.....	2,000 00	2,000 00	2,000 00	.....
Total.....	\$54,500 00	\$54,469 06	\$49,580 62	\$4,888 44

Current Appropriations.

SEPTEMBER 1, 1884.	Appropriated.	Receipt also approved, Appropriated.	Expended.	Balance.
Board expense.....	\$300 00	Current State	\$201 76	\$98 24
Salaries.....	17,360 00	.....	6,335 08	.....
Buildings and grounds.....	50 00	82 00	10,000 12	1,024 80
Fuel and lights.....	1,500 00	97 33	105 93	26 07
Stationery and printing.....	450 00	.....	1,840 91	243 58
Preparatory year.....	.....	782 50	333 03	66 97
Nebraska lands.....	228 52	.....	900 00	117 50
Mechanical department.....	500 00	558 42	163 30	65 22
Architectural department.....	546 23	1,555 96	790 23	268 19
Agricultural department.....	658 33	2,763 49	1,231 44	870 75
Horticultural department.....	500 00	155 89	2,545 51	876 31
Chemical department.....	379 77	467 76	825 69	169 80
Military department.....	50 00	.....	691 96	155 57
Library and apparatus.....	300 00	.....	49 74	26
Incidental expenses.....	200 00	1 45	222 34	77 66
Sundries—Griggs farm.....	100 00	547 00	156 43	45 02
Physical laboratory.....	35 80	.....	148 11	498 89
Cabinets.....	8 12	.....	2 60	33 20
Gymnasium.....	81 75	.....	1 37	6 75
Architectural dept (desks).....	7 26	.....	41 20	40 55
New pump and boiler.....	1,000 00	.....	.....	7 26
Engraving, etc., for report.....	65 00	.....	1,021 09	21 09
New Orleans exposition.....	150 00	.....	.....	65 00
Natural History laboratory.....	500 00	.....	53 24	96 76
Civil engineering instruments.....	25 00	.....	596 34	96 34
Music fees.....	.....	113 00	25 00	.....
University fees.....	.....	4,991 50	113 00	.....

Dr. Peabody read the following report from Committee on Sale of Nebraska Lands:

To the Board of Trustees of the Illinois Industrial University:

GENTLEMEN—Your committee upon the sale of the Nebraska lands reports as follows:

The sales since your last meeting have been:

No.	Name.	Tract.	Price.	Cash.
31	John H. Hanson	N.E. 35 5 8	\$2,000 00	\$500 00
	Total sales		65,061 36	16,265 34
	Proposals have been accepted and contracts are drawn for—			
32	Patrick C. O'Brien	N.E. 5 2 8	2,054 00	514 50
33	Christian Hesse	S.E. 30 3 8	2,244 00	560 00
34	Joseph Swoboda and H. John Swoboda	S.E. 35 5 8	2,000 00	500 00

When these sales are completed the total sales will be \$71,359.36.

Inquiries are more abundant and more sales may be made soon.

One purchaser has completed his purchase in accordance with the terms of his contract, and is entitled to his deed. This fact has led your committee to ask your further attention to the character of the deeds which should be given to the purchasers of these lands, due consideration being had both to the rights of the buyers and to the influence which the deed will have upon the sales hereafter to be made. Your committee respectfully recommends the passage of a resolution substantially as follows, and that the resolution be incorporated in the deed:

Resolved, That the President of the Board of Trustees of the Illinois Industrial University be and hereby is authorized and directed to execute, in the name and under the seal of the said Board, deeds in fee simple of lands belonging to said University in Gage county, Nebraska, to purchasers who have paid the full purchase price thereof, said deeds to be countersigned by the Recording Secretary of said Board of Trustees.

Your committee further recommends that deeds be prepared substantially in accordance with a form herewith presented.

Your committee presents the account of Burnham, Trevett & Mattis, of Beatrice, Nebraska, amounting to \$130 08, for service to the committee during the year ending Dec. 31, 1884, and ask that it may be audited and paid, after making due account of sums already authorized by you to be paid to the same firm on current account during the year.

Respectfully submitted,

S. H. PEABODY, *for Committee.*

The report was received and referred to the Executive Committee and the Regent for report at this meeting.

Adjourned.

EVENING SESSION.

The Board met at 8 o'clock P. M. Present: Trustees Cobb, McLean, Millard, Pearman, and Paden.

The resignation of Dr. F. W. Prentice, Professor of Veterinary Science, was received and placed on file.

The committee to whom was referred the request of Janitor A. B. Baker, asked for further time to report, which was granted.

1884.	Dec. 16	By balance.....		\$16,766 87
1885.				
Jan. 1		By interest on Chicago water bonds.....	\$875 00	
		Pittsfield school bonds.....	600 00	
		\$24,000.00.....	960 00	
				\$2,435 00
Jan. 15		Champaign school bonds.....		180 00
		Land contract No. 1, A. Hubka.....	\$121 87	
		No. 2, J. T. Applegate.....	110 31	
		No. 3,.....	120 39	
		No. 4,.....	115 62	
		No. 5, S. C. Miller and D. C. Bashor.....	80 50	
		No. 7, August Zahlen.....	69 00	
		No. 8, C. E. Baker.....	79 74	
		No. 9, Chester M. Dawson.....	62 00	
		No. 10, John W. Herbert.....	62 00	
		No. 11, David Richardson.....	50 00	
		No. 12, Herman C. Kluders.....	50 00	
		No. 13, H. T. Willis and A. W. Miller.....	45 20	
		No. 14, W. L. Collins.....	38 33	
		No. 15, W. T. Maxwell.....	44 00	
		No. 16, Robert L. Gumaer.....	30 66	
		No. 17, Robert L. Gumaer.....	38 33	
		No. 18, Spencer G. Bryant.....	30 66	
		No. 19, Lawrence Larsen.....	42 00	
		No. 20, Christian Andersen.....	42 00	
		No. 21, Dennis Magner.....	31 67	
		No. 22, H. H. Snyder and J. H. Martin.....	28 33	
		No. 23, James Lowe.....	28 33	
		No. 24, John Higgins.....	31 73	
		No. 25, John Higgins.....	31 73	
		No. 26, M. R. O'Brien.....	25 28	

Jan. 15	By interest on land contract	No. 27, Amos L. Wright.....	\$23 33	
"	"	No. 28, Amos L. Wright.....	23 33	
"	"	No. 29, Spencer G. Bryant.....	18 66	
"	"	No. 30, John A. Huston.....	16 00	
Feb. 28	By amount received on account	Mechanical department.....	\$554 42	\$1,491 00
"	"	Architectural department.....	1,462 60	
"	"	Agricultural department.....	556 58	
"	"	Horticultural department.....	42 70	
"	"	Chemical department.....	456 81	
"	"	Fuel and lights.....	94 83	
"	"	Buildings and grounds.....	47 00	
"	"	Griggs' farm.....	547 00	
"	"	Incidentals.....	1 45	
"	"	University fees.....	1,892 75	
"	"	Tuition in preparatory department	332 50	
"	"	Music fees.....	113 00	
				6,101 64
				\$26,974 51

URBANA, March 10, 1885.

JOHN W. BUNN, *Treasurer.*

The Committee on Buildings and Grounds submitted the following report:

To the Trustees of the Illinois Industrial University:

The undersigned, Committee on Buildings and Grounds, to whom was referred the report of Prof. T. J. Burrill, would report that after a careful consideration of the matter of engaging the services of a foreman of horticultural department, we would recommend that George W. McClure be appointed to that position at a salary of six hundred and sixty dollars per annum. And we would also recommend that an assistant be appointed, preference being given to a woman of some experience in horticulture, whose duty it shall be to attend to the sale department and to have in charge the office and other matters pertaining to the indoor work of the department, at a suitable salary, to be determined by the Board hereafter.

Respectfully submitted,

ALEX. McLEAN,
EMORY COBB.
R. N. PADEN,

Committee.

The report was received and its recommendations adopted.

The Executive Committee reported that the request of Prof. Burrill concerning the needs of the horticultural department, referred to them at the last meeting, has required no action on their part.

The Executive Committee further reported that they have, on recommendation of the Regent, employed Mr. Horace Taylor at a salary of \$25 per month, as assistant to Prof. Roos, and asked further time for a report on fittings and furniture in the drawing room.

The appointment was concurred in and further time granted.

The matter of leasing or putting under cultivation the Griggs farm was referred to the Executive Committee with power to act.

The following appropriations were made from State funds in accordance with requests found in Regent's report:

For dynamo engine.....	\$500 00
For apparatus for chemical department.....	125 00
For apparatus for botanical laboratory.....	100 00
For cabinets for botanical collections.....	16 50
For cabinets for zoological collections.....	110 00

Further appropriations were made from current funds as follows:

For chemicals.....	\$400 00
For card cabinets for library.....	30 00
For photos of drawings for architectural department.....	50 00
For rubber type and stamps for engineering and architectural departments.....	20 00
For gymnasium apparatus, etc.....	140 00

Authority was granted to the Regent and Faculty to publish the annual catalogue, in 4,000 copies, at an expense not to exceed \$350.

W. H. Garman was appointed assistant in Zoölogy for the remainder of the academic year (without salary).

Trustee McLean offered the following resolution, which was adopted:

Resolved, That the Treasurer of this University be and he is hereby requested to have placed upon the records of Gage County, Nebraska, the fifty-nine patents issued by the United States to the Illinois Industrial University to tracts of land in said county; that the Treasurer be authorized to pay the fees for same from the funds of this University, and that he report his action at the next meeting of the Board.

Adjourned to meet at 8 o'clock A. M.
