

Meeting of the State Board of Agriculture

College Board Rooms

February 3, 1904

10:30 A.M.

Present, Mr. Moore and President Snyder.

No quorum being present, adjournment was taken to 2:00 o'clock P.M.

College Board Rooms

2 P.M.

Present, Messrs. Moore and Watkins and President Snyder.

No quorum being present, the meeting was adjourned.

All Brawnrey

Meeting of the State Board of Agriculture.

College Board Rooms

March 2, 1904

9 o'clock P.M.

Present, Vice-president Graham, Messrs. Moore, Wallace, Mathews and President Snyder.

The reading of the minutes of the previous meeting was, on motion, postponed.

Bids for Power House, opened. The bids for the construction of a power house and for special iron work were opened.

Committee appointed to act on Bids for Power House. On motion of Mr. Wallace, a committee consisting of Mr. Graham and President Snyder was appointed with power to act in reference to bids for power house, coal sheds and iron construction.

Appointment of Major Kell. On motion of Mr. Wallace, the appointment of Major Kell as Commandant to succeed Major Bernow resigned, was approved. Salary to remain as heretofore.

Salary of Mr. Parrand, increased. On motion of Mr. Mathews, the recommendation of the Director of the Experiment Station that the salary of Mr. Parrand, be increased to \$60.00 per month for ten months, was adopted.

Rooms for Alpha Zeta Soc'y. A communication from the Alpha Zeta Society asking for rooms was, on motion of Mr. Moore, referred to the secretary.

Greenhouse for Hort. Bld'g. A communication from Prof. U. P. Hedrick in reference to greenhouse was, on motion of Mr. Wallace, referred to the President and Secretary with power to act.

Collection of bulletins by Prof. Hedrick. On motion of Mr. Mathews, the proposition presented by Prof. Hedrick in reference to a collection of bulletins was accepted and direction given that the bulletins be bound.

Moving Dairy Barn. A communication from Prof. Shan in reference to moving the grade dairy barn was referred to the Committee on Farm Management.

A communication from Prof. Sharr in reference to Stock Exhibit at stock exhibit at the St. Louis Exposition, was also referred St. Louis to the same committee.

College Board Room

March 3, 1904

8 o'clock P.M.

Same members present.

On motion of Mr. Wallace, the recommendation Stock judging at Prof. Sharr in reference to live stock judging at the State Fair approved. State Fair was approved and authority given.

On motion of Mr. Wallace, communication from Work of mechanical Prof. Hall in reference to putting the work of the shops on commercial basis was laid over until the next meeting.

The Committee on Employees made the following Report of Comm. report and recommendations which was, on motion of on Employees Mr. Hoop, adopted:

The Committee on Employees beg leave to report as follows:

The Committee recommends the election of Prof. A. R. Sanger A. R. Sanger to the chair of Professor of Physics and Electrical Engineering, at a salary of \$2,000.00 per annum.

It is also recommended that Harry L. Reed, Instructor in Chemistry, be granted leave of absence for the remainder of the school year, beginning March 26th and that his salary continue until June 1st.

It is further recommended that Mr. C. A. McCue C. A. McCue, be elected Instructor in Horticulture for the remainder of this year at a salary of \$750.00 per annum. The President is authorized to arrange to make this salary \$800.00 if necessary to retain his services. Also to arrange for him to do experimental work if such an arrangement can be made satisfactorily.

The recommendation of the Fair Committee in reference to running the grade dairy barn and making exhibition at the St. Louis Exposition as advised by Prof. Sharr was, on motion of Mr. Wallace adopted.

On motion of Mr. Wallace, the Commissioner of the Land Office was authorized to sell all college lands located in Township 27 N. 3 E.

The matter relating to the correction of description contained in the contract for the sale of salt spring lands in Lansing Township, as presented in a correction of description of salt spring lands.

communication from Mr. Charles W. Fuster was, on motion, referred to the Secretary with power to act.

On motion, the following resolution was adopted:

Resolved, that \$2,300.00 of the tenth-mill fund for the fiscal year ending June 30, 1902 remaining unexpended and unappropriated, the unexpended balance of the amount appropriated for bath house being \$1117.32, and the unexpended balance of the amount appropriated for water system being \$1335.47 be set apart and appropriated for minor improvements at the Agricultural College, in accordance with the provisions of Sec. 2, Act 232, Session laws of 1901."

On motion of President Snyder, it was voted that the Union literary Society be supplied with the same amount of coal that they have received in past years.

On motion of President Snyder, it was voted that \$200.00 be paid Prof. Weil out of the fund for Power Plant for special services.

The following report of the special committee appointed to consider the report of the State Accountant was, on motion of President Snyder, received and placed on file:

"To the Members of the State Board of Agriculture. Gentlemen:

The committee to whom was referred the report of Mr. Henry Humphrey, General Accountant of the State, of his examination of the accounts of the College, beg leave to report that said examination shows

First, That said accounts are correct.

Second, He "commends the exactness with which the transactions in the Secretary's office" are found.

Third, He offers some criticisms to which you are referred to his letter accompanying this report, which letter and report are made a part of this report. *

It will be observed that the criticism is that we do not report the entire official transactions covered by the Secretary's duties to the State. While not particularly dissenting from his view, we believe that there are paramount reasons of continuing the

Resolutions
in re. Minor
Improvements

Coal for
Union lit. Socy.

Prof. Weil paid
\$200 for
special services

Report of
Special Committee
on file
or considering
Report of State
Accountant

present practice of keeping the M.A.C. accounts as at present.

The college being three and one-half miles from the city, the banking feature of the M.A.C. accounts as kept, is a great convenience as well as economy in the collection and payment of its numerous accounts besides being convenient and of special value to the students (who are younger and less experienced than in most institutions distant from their homes) in furnishing them a ready place to deposit their money, relieving them of the identification required by a bank and the ready risks of carrying their money or depositing it down in the city and much less likely to spend it unnecessarily.

Again, the habit of depositing and withdrawing small amounts by students tends to familiarize them with business.

We think the confusion which may be due to Mr. Brown being Treasurer of the State account and of the trust funds carried under the name of M.A.C. account might be avoided by placing Mr. Humey Treasurer of the M.A.C. account, by furnishing the proper bond, the same as Secretary Brown. While there are a large number of transactions and of great variety, the amounts are small, besides the accounts are grouped into a few general accounts easily examined and verified. If this plan is followed, then we recommend that special pains be taken to keep such a complete separation of the State and M.A.C. accounts that the State Accountant, making an examination will not find any occasion to consider the M.A.C. account i. e. his examination of the State account will be entirely independent and complete in itself without in any way bringing in the M.A.C. account. He would not want to follow any system which was clearly illegal but as we understand it, no strictly state moneys enter into the M.A.C. accounts until they have been properly drawn from the State or the United States. That the bulk of its transactions is such that entirely to the College by reason of its situation.

We recommend that the report of the State Accountant be received and spread in full upon the records, also duly filed with the accompanying letter of Mr. Humphrey.

The Committee also recommends that the M.A.C. accounts shall be carefully examined at least twice in each year by the Finance Committee or a special committee duly appointed."

(Note: - The letter and report referred to above appears in the minutes of the meeting of December 9, 1903.)

Expense bill of
Mr. Moore approved.

The expense bills of Mr. Moore up to the present meeting, were approved.

Salary of
President \$5000

On motion of Mr. Hattis, the salary of the President of the Agricultural College was made \$5000.00 per year, beginning March 1, 1904.

On motion, adjourned.
All Present Secy

Meeting of the State Board of Agriculture.

College Board Rooms

April 13, 1904.

1:30 P.M.

Present, Vice-president Krahau, Messrs. Wallace, Bliss, Watkins, Moore and President Snyder.

On motion of Mr. Moore, the minutes of the two previous meetings were approved.

On motion of President Snyder, a communication of Dr. Peal in reference to Elementary Science bulletins was referred to the Experiment Station Council.

A communication from Dr. Peal in reference to the report of the Academy of Science now being published of Science was, on motion, referred to President Snyder and Secretary Brown.

On motion of Mr. Moore, Prof. Jaff who has been tendered the Chairmanship of the Committee on Awards for the Horticultural Department at the St. Louis Exposition, was given authority to accept the position and the necessary leave of absence and Mr. John M. Rankin of St. Clair was appointed Deputy Inspector of Nurseries at \$3.00 per day.

On motion of Mr. Moore, the appropriation for Farmers' Institutes was increased \$300.00 for the present period.

On motion of Mr. Watkins President Snyder was given authority to employ Thomas R. Brown of Newark, Delaware, as Assistant to Dr. Marshall.

On motion of Mr. Bliss, the communication from Prof. Barrows in reference to the publication of a bulletin on Birds of Michigan was referred to President Snyder and the Secretary with power to act.

On motion of President Snyder, it was voted that Senator Dolliver be engaged to lecture at the College.

On motion of Mr. Bliss, the communication of Prof. Bogue in reference to the Forestry Department was referred to President Snyder, Mr. Abraham and Mr. Hattis.

The Committee to whom was referred with power the bids for the boiler house and structural steel for the same, presented the following report:

"Report of Committee to whom was referred with power the bids on boiler house iron work and coal shed;

1. The Secretary and Prof. Neil are authorized to close contract with the Russell Wheel & Foundry Company in case their deduction for ash bins will bring their bid down to \$3175.00 or less.

2. The contract for coal shed is held in abeyance for the present.

3. The contract is awarded to Chas. Stoerty & Son for the Boiler House in accordance with the bid and deduction made.

The Secretary and Architect are instructed to go over the plans with the contractor and make deductions in plumbing and in all other ways possible without materially affecting the building.

March 10, 1904

R. D. Abraham
J. L. Snyder

The Secretary read the following report:

"To the Honorable State Board of Agriculture,
Gentlemen:-

I herewith present the following report of business transacted at my office since the last meeting of the Board:

Upon presentation of the resolutions passed by you for minor improvements, the State Accountant so seriously objected to the use of the term "Minor" that I request you authorize the substitution of the word secondary.

During the recent flood, the basement floors of the Women's Building were seriously damaged. They have been repaired as best they could with the exception of the one in the Peruvian Society Rooms. This could be repaired but not in such a way as to make it suitable for dancing. I should like to be instructed as to whether a new hard wood floor shall be put in.

Secretary's
Report

Report of Comtee.
to whom was referred
with power
the bids for
Boiler House, etc.

In reference to the Foster land matter to which I called your attention at the last meeting and which was referred to me, I desire to say that I wrote the following letters to Mr. Fred Pault and to Mr. Christian Krentel, Register of Deeds of Ingham County and received from them the following replies:

March 18, 1904.

Mr. Fred Pault,

Lansing, Michigan.

Dear Sir:-

It appears from the records of my office that you have a deed dated Sept. 22, 1887 to the N.W. Quarter of the N.W. Quarter of Section 36, Lansing Township. It also appears that a contract was given to John Tobias for the N.E. Quarter of the N.E. Quarter of Sec. 35, same township. Mr. Charles W. Foster however, has a contract assigned to him which covers the land described in your deed. I presume that this is an error. Do you know whether Mr. Tobias has ever laid claim to the lands described as deeded to you and do you know whether he has claimed the lands described as the N.E. Quarter of the N.E. Quarter of Sec. 35 being the 40 acres immediately west of the lands deeded to you. If there is an error in Mr. Tobias' contract we want to correct it. Will you be kind enough to let me hear from you at your earliest convenience.

Yours truly,
A. M. Brown, Secretary.

March 18, 1904.

Christian Krentel, Esq.,

Register of Deeds,

Mason, Michigan.

Dear Sir:-

Will you kindly let me know if your records show that a deed was made to Mr. Fred Pault on Sept. 22, 1887 for the N.W. Quarter of the N.W. Quarter of Sec. 36, Lansing Township from the State Board of Agriculture and also whether any deed from the State Board of Agriculture has been made conveying the N.E. Quarter of the N.E. Quarter of Sec. 35 in Lansing Township.

Yours truly,
A. M. Brown, Secretary.

Lansing, Mich. Mar. 21, 1904

Hon. A. M. Brown,
Agricultural College.

Dear Sir:-

Mr. Panto makes me to answer your communication to him of the 18th inst.

The Pantos own the N. W. of N. W. Sec. 36 Lansing Township and have held possession and paid taxes since 1887. Mr. John J. Tobias claimed to own the 40 acres directly west on Sec. 35.

Yours,
Jason E. Nichols.

Mason, Mich.

Mr. A. M. Brown,
M. A. C.

Dear Sir:-

The records of the office show that the State Board of Agriculture deeded the N. W. 1/4 of N. W. 1/4 Sec. 36 Lansing Twp. to Fred Panto Sept. 22, 1887, further the records do not show that any transfer has been made by the State Board of Agriculture conveying the N. E. 1/4 of N. E. 1/4 of Sec. 35 Lan. Twp.

Yours truly,
C. M. Kuntel.

I think it would be proper to execute a deed to Mr. Foster to show the contract of Mr. John J. Tobias was assigned if the Board so desires, though it may be doubtful whether the contract could be enforced at this time.

It is now time to consider the question of the coal contract for the ensuing year and I suggest that the conditions are unusually favorable for taking this matter up at once.

In accordance with the report of your special committee upon the boiler house, contracts have been entered into with Chas. Hoertz & Son of Grand Rapids for the erection of the building and the Russell Wheel & Foundry Company of Detroit for the steel work and the contracts and bonds are as follows:

"This Agreement, made the Twelfth day of March in the year one thousand nine hundred and four by and between C. Hoertz & Son, Contractors, of Grand Rapids, Michigan, party of the first part (hereinafter designated the Contractors), and the State Board of

Agriculture, Agricultural College, Michigan, (hereinafter designated the Owners) party of the second part.

Witnesseth, that the Contractors, in consideration of the fulfillment of the covenants herein made by the Owners, agree with the said Owners, as follows:

Article I. The Contractors, under the direction and to the satisfaction of Edw. R. Bond, Architect, acting for the purposes of this contract as agent of the said Owners, shall and will provide all the materials and perform all the work mentioned in the specifications and shown on the drawings prepared by the said Architect for the Mason Work, Carpenter Work, Iron Work, Slate, Painting, etc., for Power House at Agricultural College, Michigan, which drawings and specifications are identified by the signatures of the parties hereto, and together with the proposal of said Contractors are attached to and made part of this contract.

Art. II. The Architect shall furnish to the Contractors such further drawings or explanations as may be necessary to detail and illustrate the work to be done, and the Contractors shall conform to the same as part of this contract so far as they may be consistent with the original drawings and specifications referred to and identified, as provided in Art. I.

It is mutually understood and agreed that all drawings and specifications are and remain the property of the Architect.

Art. III. No alterations shall be made in the work shown or described by the drawings and specifications, except upon a written order of the Architect, and when so made, the value of the work added or omitted shall be computed by the Architect, and the amount so ascertained shall be added to or deducted from the contract price. In the case of dissent from such award by either party hereto, the valuation of the work added or omitted shall be referred to three (3) disinterested Arbitrators, one to be appointed by each of the parties to this contract, and the third by the two thus chosen; the decision of any two of whom shall be final and binding, and each of the parties hereto shall pay one-half of the expenses of such reference.

Art. IV. The Contractors shall provide sufficient, safe and proper facilities at all times for the inspection of the work by the Architect or his authorized representative. He shall, within twenty-four hours after receiving written notice from the Architect to that effect, proceed to remove from the grounds or buildings all materials

condemned by him whether worked or unworked, and to take down all portions of the work which the Architect shall by like written notice condemn as unsound or improper, or as in any way failing to conform to the drawings and specifications.

Art. V. Should the Contractors at any time refuse or neglect to supply a sufficiency of properly skilled workmen, or of materials of the proper quality, or fail in any respect to prosecute the work with promptness and diligence, or fail in the performance of any of the agreements herein contained, such refusal, neglect or failure being certified by the Architect, the Owners shall be at liberty, after three days written notice to the Contractors, to provide any such labor or materials, and to deduct the cost thereof from any money then due or thereafter to become due to the Contractors under this contract; and if the Architect shall certify that such refusal, neglect or failure is sufficient ground for such action, the Owners shall also be at liberty to terminate the employment of the Contractors for the said work and to enter upon the premises and take possession, for the purpose of completing the work comprehended under this contract of all materials, tools and appliances thereon, and to employ any other person or persons to finish the work, and to provide the materials therefor; and in case of such discontinuance of the employment of the Contractors he shall not be entitled to receive any further payment under this contract until the said work shall be wholly finished, at which time if the unpaid balance of the amount to be paid under this contract shall exceed the expense incurred by the Owners in finishing the work, such excess shall be paid by the Owners to the Contractors, but if such expense shall exceed such unpaid balance, the Contractors shall pay the difference to the Owners. The expense incurred by the Owners as herein provided, either for furnishing materials or for finishing the work and any damage incurred through such default, shall be audited and certified by the Architect, whose certificate thereof shall be conclusive upon the parties.

Art. VI. The Contractors shall complete the several portions, and the whole of the work comprehended in this Agreement by and at the time or times hereinafter stated: To be completed not later than September 1st, 1904. The Contractors to pay to the Owners the sum of ten dollars (\$10) for every day thereafter the building remains unfinished, subject as provided in Art. III of this

Contract provided that possession be given not later than March 15th 1904.

Art. VII. Should the Contractor be obstructed or delayed in the prosecution or completion of his work by the act, neglect, delay or default of the Owners, or the Architect or of any other contractor employed by the Owners upon the work, or by any damage which may happen by fire, lightning, earthquake or cyclone, or by the abandonment of the work by the employees through no default of the Contractor, then the time herein fixed for the completion of the work shall be extended for a period equivalent to the time lost by reason of any or all of the causes aforesaid; but no such allowance shall be made unless a claim therefor is presented in writing to the Architect within twenty-four hours of the occurrence of such delay. The duration of such extension shall be certified to by the Architect, but appeal from his decision may be made to arbitration, as provided by Art. III of this contract.

Art. VIII. The Owners agree to provide all labor and materials not included in this contract in such manner as not to delay the material progress of the work, and in the event of failure so to do, thereby causing loss to the Contractor, agree that they will reimburse the Contractor for such loss; and the Contractor agrees that if they shall delay the material progress of the work so as to cause any damage for which the Owners shall become liable, (as above stated), then they shall make good to the Owners any such damage. The amount of such loss or damage to either party hereto, shall in every case, be fixed and determined by the Architect or by arbitration, as provided in Art. III of this contract.

Art. IX. It is hereby mutually agreed between the parties hereto that the sum to be paid by the Owners to the Contractor for said work and materials shall be (\$22,395.00) Twenty-two thousand three hundred and ninety-five dollars, subject to additions and deductions as hereinbefore provided, and that such sum shall be paid in current funds by the Owners to the Contractor in installments, as follows:

On estimates made by the Architect as the work progresses, not oftener than once every thirty days, retaining twenty per cent (20%) on all estimates until the final completion and acceptance of the Building. The final payment shall be made within thirty days after this contract is fulfilled.

All payments shall be made upon written certificate of the Architect to the effect that such payments have become due.

If at any time there shall be evidence of any lien or claim for which, if established, the Owner of the said premises might become liable, and which is chargeable to the Contractor, the Owner shall have the right to retain out of any payment then due or thereafter to become due an amount sufficient to completely indemnify him against such lien or claim. Should there prove to be any such claim after all payments are made, the Contractor shall refund to the Owner all moneys that the latter may be compelled to pay in discharging any lien on said premises made obligatory in consequence of the Contractor's default.

Art. V. It is further mutually agreed between the parties hereto that no certificate given or payment made under this contract, except the final certificate or final payment, shall be conclusive evidence of the performance of this contract, either wholly or in part, and that no payment shall be construed to be an acceptance of defective work or improper materials.

Art. VI. The Contractor shall during the progress of the work maintain full insurance on said work in their own name and in the name of the Owners against loss or damage by fire. The policies shall cover all work incorporated in the building, and all materials for the same in or about the premises, and shall be made payable to the parties hereto, as their interest may appear.

The Board of Agriculture shall have access to the building at all times during the progress of the work. This contract is made subject to bonds of 60% of amount of contract.

Bond to be satisfactory to the State Board of Agriculture.

Art. VII. The said parties for themselves, their heirs, executors, administrators, successors and assigns, do hereby agree to the full performance of the covenants herein contained.

In Witness Whereof, the parties to these presents have hereunto set their hands and seals, the day and year first above written.

(Seal of State
of Michigan)

Wm. C. Hoertz for (Seal)
Chas. Hoertz & Son (Seal)
State Board of Agriculture (Seal)
by R. D. Graham, V. Pres. (Seal)
by A. M. Brown, Sec'y. (Seal)

Bond

Know All Men By These Presents, That we, Charles W. Hoertz and William C. Hoertz, Co-partners, doing business under the firm name of Chas. Hoertz Son, of Grand Rapids, Michigan, as Principals and the United States Fidelity and Guaranty Company, a corporation created and existing under the laws of the State of Maryland and whose principal office is located at Baltimore, Md. as Surety, are duly and lawfully bound unto the State Board of Agriculture of the State of Michigan in the full and just sum of Six Thousand Seven Hundred (\$6,700.00) Dollars lawful money of the United States, to the payment of which sum well and truly to be made, the said Principals bind themselves, their heirs, executors, and administrators, and the said Surety binds itself, its successors and assigns, jointly and severally, firmly by these presents.

Signed, sealed and delivered this 5th day of April A.D. 1904. Whereas, the said Principals have entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the Fourth day of March A.D. 1904, to furnish all materials, machinery, tools and labor and to erect a power house in and upon the property known and described as the State Agricultural College of Michigan, in accordance with the plans, specifications, conditions, etc.; prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees the faithful performance and completion of the conditions of said contract in accordance with the plans, specifications, conditions, etc., therein referred to and made a part thereof, and that the work thereunder shall be first class in every respect and shall be free from defective or inferior workmanship or material;

Now, therefore, the condition of this obligation is such that if the said principals shall furnish all materials, tools, machinery and labor and construct and complete said power house in and upon the property known as the State Agricultural College of Michigan, in strict accordance to and with said contract and the plans, specifications, conditions, etc., therein mentioned and made a part thereof, and shall faithfully perform and fulfill the several conditions of the said contract; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof, the said Principals have hereunto set their hands and seals, and the said Surety has caused these presents to be sealed with its corporate seal, duly attested by the signature of its Vice-president and its Assistant

Secretary, the day and year first above written.

Signed, sealed and Delivered } Chas. Hoerty (L. S.)
in Presence of } William C. Hoerty (L. S.)

A. C. Supplee

Principals
The United States Fidelity & Guaranty Co.
Surety

Attest: H. V. D. Johns,
Albert H. Buck
Vice President
Asst. Secretary

Bond.

Know All Men By These Presents, That we, Charles N. Hoerty and William C. Hoerty, co-partners doing business under the firm name of Chas. Hoerty & Son, of Grand Rapids, Michigan, as Principals and The United States Fidelity and Guaranty Company, a corporation created and existing under the laws of the State of Maryland, and whose principal office is located at Baltimore Md. as Surety, are held and firmly bound unto the People of the State of Michigan, in the full and just sum of six Thousand Seven Hundred Dollars (\$6700.00), lawful money of the United States, to the payment of which sum well and truly to be made, the said Principals bind themselves, their heirs, executors and administrators and the said Surety binds itself, its successors and assigns, jointly and severally firmly by these presents.

Signed, sealed and Delivered this 8th day of April, A.D. 1904.

Whereas, the said Principals have entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the Ninth day of March, A.D. 1904, to furnish all materials, tools, machinery and labor and to erect a power house in and upon the property known and described as the State Agricultural College of Michigan in accordance with the plans, specifications, conditions, etc., prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees that the said Principals and their agents and all sub-contractors shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principals and agents and all sub-contractors, for or on account of all labor performed or materials furnished

in fulfilling said contract and performing its several conditions, as the same may become due and payable;

Now, Therefore, the condition of this obligation is such, that if the said Principals, their agents and all sub-contractors, shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principals, their agents and all sub-contractors, for or on account of all labor performed or materials furnished in fulfilling said contract and performing its several conditions, as the same may become due and payable; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof the said Principals has hereunto set their hands and seals, and the said Surety has caused these presents to be sealed with its corporate seal, duly attested by the signature of its Vice-president and its Asst. Secretary, this day and year first above written.
Signed, sealed and Delivered in the Presence of

W.C. Suplee

Chas. Hoey (L.S.)
William C. Hoey (L.S.)
Principals
The United States Fidelity & Surety Co.
Surety
H. N. D. Jones, Vice President
Albert H. Buck, Asst. Secretary

Attest:

Contract

This Agreement, Made this 21st day of March, in the year of our Lord one thousand nine hundred and four,

By and Between, The Russell Wheel and Foundry Company of Detroit, Michigan, a corporation formed under the laws of the State of Michigan, party of the first part and the State Board of Agriculture, party of the second part.

Witnesseth: First, That the said party of the first part, for and in consideration of the covenants and agreements hereinafter contained and compensation hereinafter specified, hereby covenants and agrees to and with the said party of the second part to furnish, deliver and erect with its own labor and at its own expense, all structural steel required for the Power House to be built in and upon the property known and described as the State Agricultural College of Michigan, and in strict accordance to and with the plans, specifications, conditions, etc. of the Consulting Engineer, C. H. Will, and are ^{hereby} distinctly understood to be incorporated in and form a part of this agreement as if the same had been

embodied therein and to be binding as to all the conditions therein contained upon the parties hereto.

Second. The said party of the first part further covenants and agrees that it will enter upon the work contemplated and provided for by this contract and said plans, specifications, conditions, etc., at such time as will enable it to well and sufficiently perform, finish and complete, and turn the same over to the said party of the second part free from liens or claims of any kind whatsoever, on or before the First day of September, 1904.

Third. The parties hereto further covenant and agree that no payment made upon this contract shall be construed as an acceptance of improper or defective material or faulty workmanship.

Fourth. The said party of the second part hereby covenants and agrees, in consideration of the covenants and agreements herein mentioned to be kept by the said party of the first part being kept and performed in all respects by said party of the first part and the work being completed to the satisfaction of the Consulting Engineer, to pay to said party of the first part, the sum of Three Thousand One Hundred Ninety (\$3,190.00) Dollars.

Fifth. It is further covenanted and agreed by and between the parties hereto that all alterations, changes or deviations from the plans, specifications, conditions, etc., therein specified and referred to, shall be first authorized by the Consulting Engineer, and all the additions or deductions in cost of construction, including the furnishing of all material and labor necessary therefor, shall be agreed upon in writing before the work shall be done necessary to make such alterations, changes or deviations.

Sixth. It is further covenanted and agreed by and between the parties hereto that this agreement becomes valid and operative only upon the execution and delivery of a surety bond for the sum of One Thousand (\$1,000.00) Dollars, under and pursuant to the provisions of Act No. 94 of the Public Acts of 1883, and also a surety bond for the sum of One Thousand (\$1,000.00) Dollars to insure the performance of the terms of this agreement, by the said party of the first part.

Seventh. It is further mutually covenanted and agreed by and between the parties hereto that no assignment of this contract shall be made by said party of the first part, except on the written consent of said party of the second part.

Payments will be made on or before the tenth day of each month for work done and materials furnished and

erected during the preceding month, certified to by the engineer in writing, as follows:

Sixty (60%) per cent of the bills rendered for all materials delivered at site.

Thirty (30%) per cent additional of such bills to be paid in cash at the time building is completed. The remaining ten (10%) per cent to be paid within thirty days after the completed work has been accepted.

In Witness Whereof, the parties to these presents have hereunto set their hands and seals the day and year written above.

In Presence of
M. Pipling
C. H. Ross
Fred C. Keeney

Russell Wheel Laundry Co. (L. S.)
Walter J. Russell (L. S.)
V. Priest.

State Board of Agriculture (L. S.)
A. D. Williams, Pres. (L. S.)
W. M. Brown, Secy. (L. S.)

Bond

Know All Men By These Presents, That we, The Russell Wheel Laundry Company of Detroit, Michigan, a corporation created and existing under the laws of the State of Michigan as Principal and American Surety Company of New York, a corporation created and existing under the laws of the State of New York, and whose principal office is located at 100 Broadway, New York, N.Y., as Surety, are held and firmly bound unto the State Board of Agriculture of the State of Michigan in the full and just sum of the Thousand (\$1000.00) Dollars, lawful money of the United States, to the payment of which sum well and truly to be made, the said Principal and Surety respectively bind themselves, their successors and assigns, jointly and severally firmly by these presents.

Signed, Sealed and delivered this 21st day of March, A.D., 1904.
Whereas, the said Principal has entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the 21st day of March, A.D. 1904, to furnish, deliver and erect with its own labor and at its own expense, all structural steel required for the Power House to be built in and upon the property known and described as The State Agricultural College of Michigan, in accordance with the plans, specifications, conditions etc., prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees the faithful performance and completion of the conditions of said contract in accordance with the plans, specifications,

conditions, etc., therein referred to and made a part thereof and that the work thereunder shall be first class in every respect and shall be free from defective or inferior workmanship or material.

Now, Therefore, the condition of this obligation is such, that if the said Principal shall furnish, deliver and erect with its own labor and at its own expense, said structural steel for Cover House in and upon the property known as the State Agricultural College of Michigan, in strict accordance to and with said contract and the plans, specifications, conditions, etc., therein mentioned and made a part thereof, and shall faithfully perform and fulfill the several conditions of the said contract; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof, the said Principal and the said Surety have caused these presents to be sealed with their corporate seals, duly attested by the official signature of their proper officers, the day and year first above written.

Signed, sealed and Delivered) in Presence of) Russel Wheel & Foundry Co. Principal
Geo. J. Cloutier)
Attest:) Walter J. Gussel, Jr. Pres.
Armanda Wetloff) American Surety Co. of New York
Attest:) By Fred L. Praser, President & Pres.
John B. Archer) Resident Asst. Sec'y.

State of New York } ss.
County of New York }

William A. Brandt, being duly sworn, says: That he is the Assistant Secretary of the American Surety Company of New York; that said Company is a corporation duly created, existing and engaged in business as a surety company under and by virtue of the laws of the State of New York, and has duly complied with all the requirements of the laws of said State applicable to said Company, and is duly qualified to act as surety under the Act of Congress of August 13, 1894, entitled "An Act relative to recognizances, stipulations, bonds and undertakings and to allow certain corporations to be accepted as surety thereon;" that the within is a true copy of the last statement of the assets and liabilities of said Company as rendered pursuant to section 4 of said Act of Congress; that said American Surety Company of New York is worth more than \$2,500,000.00 over and above all its debts and liabilities and such exemptions as may be allowed by law.

Subscribed and sworn before me } Thom. A. Brandt
 this 18th day of Jan'y, 1904 }
 C. E. Cannon,
 Notary Public, New York County.

Bond.

Know All Men By These Presents, That we, The Russell Wheel & Foundry Company of Detroit, Michigan, a corporation created and existing under the laws of the State of Michigan, as Principal and American Surety Company of New York, a corporation created and existing under the laws of the State of New York, and whose principal office is located at 100 Broadway, New York, N. Y., as Surety, are held and firmly bound unto the People of the State of Michigan in the full and just sum of One Thousand (\$1,000.00) Dollars, lawful money of the United States, to the payment of which sum well and truly to be made, the said Principal and Surety bind themselves, their successors and assigns jointly and severally, firmly by these presents.

Signed, sealed and delivered this 21st day of March A.D., 1904.

Whereas, the said Principal has entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the 21st day of March A. D., 1904, to furnish, deliver and erect with its own labor and at its own expense, all structural steel required for the Power House to be built in and upon the property known and described as the State Agricultural College of Michigan, in accordance with the plans, specifications, conditions, etc., prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees that the said Principal and its agents and all sub-contractors shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principal and agents and all sub-contractors, for or on account of all labor performed or materials furnished in fulfilling said contract and per- forming its several conditions, as the same may become due and payable.

Now, Therefore, the condition of this obligation is such that if the said Principal, its agents and all sub-contractors shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principal, its agents and all sub-contractors, for or on account of all labor performed or materials furnished in fulfilling said contract-

and performing its several conditions, as the same may become due and payable; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof, the said Principal and the said Society have caused these presents to be sealed with their corporate seals, duly attested by the official signature of their proper officers, the day and year first above written.

Signed, sealed and Delivered }
 in Presence of }
 Geo. J. Cloutier }
 Amanda Detloff }

Russel Wheel & Foundry Company
 Principal

Attest:

Walter J. Russel, V. Pres.
 American Society Company of New York
 By Fred L. Fraser

Attest:

Resident V. Pres.
 John B. Archer
 Resident Ass't Sec'y

There will be necessity this summer to make a considerable number of repairs in the heating equipment of the houses on Faculty Row. The question has arisen as to what our policy ought to be in reference to this matter. There has been some talk of the extension of the steam heat under the new system so as to reach Faculty Row houses. If this were to be done, it would make considerable difference with the policy to be pursued in making these repairs.

All of which is respectfully submitted.

A. M. Brown, Secretary.

Hard wood floor
 in Peruvian Rooms

On motion of Mr. Bliss, the Secretary was directed to lay a new hard wood floor in the Peruvian Society Rooms.

Change of word
 "minor" to Sundry
 in Classification

On motion of Mr. Wallace, the word "minor" in the resolution passed at the meeting of the Board held on March 2nd setting aside funds for "minor improvements," was changed to Sundry.

Exhibit of stock
 at West Mich. Fair

On motion of Mr. Watkins it was voted that the College should make an exhibit of stock and stock judging at the West Michigan Fair.

Expense bills of
 Mr. Graham & Mr. Moore

The expense bills of Mr. Graham and Mr. Moore were, on motion, allowed.

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

Resolved, That the State Board of Agriculture be with
 Resolution as to expresse its views as to what is a reasonable, legal, proper
 justifiable and justifiable expenditure of the monies under its control
 expenditure of for advertising and the extension of hospitality to the
 monies for guests of the Agricultural College.
 advertising etc.

It is the unanimous opinion of the members of
 this Board that it is their duty not only to provide for a
 course of instruction in accordance with the purposes for which
 the College was founded but also to acquaint the public as
 fully as possible with the courses of instruction offered
 and the facilities for study granted to students. In furtherance
 of this object, funds have been from time to time expended,
 both in direct advertising through the press and in various
 ways attracting the attention of the public to the opportunities
 offered. Various indirect methods of advertising have been
 employed with very marked results and these are regarded
 not only as justifiable but as evidence of the performance
 on the part of this Board of a duty inseparable from the
 trust imposed upon it. It is believed that the con-
 ducting of excursions to the College from the various
 parts of the state and the extension of hospitality in
 all reasonable ways to the people in this case here has
 been one of the most effective methods of acquainting
 the public with the work of the College and has been
 responsible in a large degree for the very rapid increase
 in the attendance.

It is believed further, that the extension of the
 same hospitality to bodies of representative citizens of
 the state, as, for instance, the editors, postmasters,
 alumni and the delegates of the Grange, when they
 express a desire to visit the College, is the wisest ad-
 vertising that can be done. The actual amount deemed
 necessary for this particular purpose in any single year
 is relatively small, perhaps two or three hundred dollars
 at the most, and in general not more than one hundred.
 The entertainment of guests at public institutions of
 this kind is a universal practice not only in this state
 but everywhere.

Attention is here pointedly called to the fact that no
 similar justification exists for the above practices on the
 part of a large class of state institutions of which the
 penal and reformatory ones are examples and that
 there is no parallel between them and the College in
 this respect.

It is the opinion of this Board that it is entirely
 within the spirit and purpose of the law on which the
 College was established to expend annually a considerable

room (and \$2,000.00 is here mentioned as a reasonable amount under present conditions) for the purpose of advertising the College in the broadest sense and that the expenditure of this amount for such a purpose is a proper function of the governing body and should not be questioned."

minutes in appendix
 history, Sup. Dept.
 M.A.C. Record

On motion of President Snyder, the appropriation for heating for the present period was increased \$3,000.00; for the Physical Department \$200.00 and for the M.A.C. Record, \$100.00.

The following resolution was, on motion, adopted:

minutes setting
 M.A.C. Record
 Power House

"Resolved, That Forty-Three Thousand (\$43,000.00) Dollars of the amount arising and becoming available "for building and other extraordinary purposes" under the provisions of sections 1 and 2, Act 232 Laws of 1901, be set apart and appropriated for the construction of a Power House at the Agricultural College and its equipment exclusive of electrical apparatus."

On motion, adjourned.

Attest
 M. Brown, Secy

Meeting of the State Board of Agriculture

College Board Rooms

May 17, 1904.

1:30 P.M.

Re
fr
ex
m
co

Present, President Maurice, Messrs. Abraham, Waller, Watkins and President Snyder.

The minutes of the previous meeting were read and approved.

Com. to purchase pipe for tunnels On motion of Mr. Abraham, Prof. Neil and the Secretary were authorized to purchase and lay the pipe in the tunnels.

Stack & equipment for Bone House On motion of Mr. Watkins, the question of stack and equipment for the bone house, was referred to Prof. Neil and the Secretary, with power to act, the stack to be of brick.

Resignations of Miss Carrie A. Lyford, as Instructor in Domestic Science and Mr. John Michels, as Instructor in Dairying The resignations of Miss Carrie A. Lyford, as Instructor in Domestic Science and Mr. John Michels, as Instructor in Dairying, on motion of Mr. Wallace, accepted.

Appointments On motion of Mr. Watkins, the recommendations of President Snyder in reference to appointments and salaries were adopted of employees as shown in the following roster of employees:

	College	Exp. Status	Total	House
<u>President's Office</u>				
J. L. Snyder, President	\$5000.00		\$5000.00	
Elida Yakeley, Clerk	500.00		500.00	House
<u>Agricultural Department</u>				
Robert S. Sham, Professor	\$2000.00	\$400.00	2400.00	
Joseph A. Jeffery, Prof. of Agronomy	2000.00		2000.00	
Horace H. Norton, Inst'r. Animal Husbandry	700.00		700.00	
Inst'r in Dairying	1200.00	(Not to exceed)	1200.00	
A. O. Churchill, Inst'r. in Agri.	550.00		550.00	
E. R. Blair, Foreman of College Farms	600.00		600.00	
Wayne Kerr, Clerk	480.00		480.00	House
<u>Bacteriological Department</u>				
Charles E. Marshall, Professor	1000.00	1000.00	2000.00	
Thomas R. Brown, Instructor	950.00	150.00	1100.00	
H. R. Wright, Instructor			360.00	
Lady			360.00	
			210.00	

paid for same

	College	Exp. Station	Total	
<u>Botanical Department.</u>				
• H. J. Beal, Professor	\$1800.00		\$1800.00	House
• James B. Waudens, Asst. Professor	1150.00		1150.00	
• Burton J. Bougysar, Instructor	700.00	\$100.00	800.00	
<u>Chemical Department</u>				
• Frank S. Kedzie, Professor	1700.00	300.00	2000.00	
• Harry S. Reed, Instructor	800.00		800.00	
• Perry Edmunds	550.00		550.00	
_____	550.00		550.00	
_____	550.00		550.00	
<u>Dramatic Department</u>				
• H. S. Holdsworth, Professor	2000.00		2000.00	
• Caroline L. Holt, Instructor	700.00		700.00	
• Chace Newman, Inst'r. Mech'l. Draming	900.00		900.00	
<u>English Department</u>				
• Howard Edwards, Professor	1800.00		1800.00	House
• E. S. King, Asst. Professor	1000.00		1000.00	Rooms
• LeForest W. Santelli, Instructor	800.00		800.00	
• Bertha M. Wellman, "	600.00		600.00	
<u>Forestry Department</u>				
• Ernest E. Pogue, Professor	1500.00		1500.00	
<u>Horticultural Department</u>				
• U. P. Hedrick, Professor	2000.00		2000.00	
• Thomas Gausson, Instructor	1000.00		1000.00	House with heat
_____	700.00		700.00	
• C. A. McCue, Asst. Gardener	400.00	400.00	800.00	
• H. B. Sherman, Prem. of Grounds	500.00		500.00	House
<u>History + Pol. Economy</u>				
• H. C. Hedrick, Asst. Professor	1300.00		1300.00	Rooms
_____ , Instructor	550.00		550.00	
<u>Institutes + Nursery Inspector</u>				
• Leni P. Taft, Superintendent and Horticulturist of Exp. Station.	1200.00	600.00	1800.00	House
<u>Library</u>				
• Linda C. Handon, Librarian	880.00	120.00	1000.00	Rooms
• Caroline Balbach, Asst. Librarian	400.00		400.00	

	<u>College</u>	<u>Exp. Station</u>	<u>Total</u>	
<u>Mathematical Department</u>				
H. N. Bedder, Professor	\$1500.00		\$1500.00	House
Warren Babcock, Asst. Professor	1250.00		1250.00	Room
Richard Hopkins, Inst'r. in Engineering	300.00		800.00	
	750.00		750.00	
	Inst'r. in Math.	750.00	750.00	
H. N. Hartwell	600.00		600.00	
A. E. Jones	550.00		550.00	
	550.00		550.00	
<u>Mechanical Department</u>				
Chas. L. Weil, Professor	1800.00		1500.00	House
H. W. Reynolds, Asst. Professor	1400.00		1400.00	
Hard P. Shedd, Instructor	800.00		800.00	
N. S. Leonard, Foreman Machine Shop	1200.00		1200.00	
Andrew Krentel	Wood Shop	750.00	750.00	
E. C. Baker	Foundry	750.00	750.00	
L. F. Jenson, Clerk	480.00		480.00	
<u>Military Department</u>				
Major W. H. Kell, Professor	576.00		576.00	
<u>Miscellaneous</u>				
Edwyn A. Bond, Architect	1500.00		1500.00	
L. F. Merrill, Engineer	1150.00		1150.00	
Ed. Gibbons, Plumber	700.00		700.00	
Charles Fox, Night Watchman	480.00		480.00	
Herbert Masselink, Editor M. Record	1000.00		1000.00	
C. D. Smith, Dean Short Courses	400.00	1600.00	2000.00	House
<u>Physical Department</u>				
A. R. Sawyer, Professor	2000.00		2000.00	
H. L. Curtis, Instructor	800.00		800.00	
L. H. Stolbrook	700.00		700.00	
H. D. Peters	600.00		600.00	
<u>Physical Culture</u>				
Cluster L. Bremer, Director	1300.00		1300.00	
<u>Secretary's Office</u>				
A. M. Brown, Secretary	300.00	500.00	800.00	House
Fred C. Kenney, Cashier	1000.00	200.00	1200.00	
Lena M. Maxwell, Bookkeeper	500.00	150.00	600.00	
S. Alice Carl, Clerk	375.00	125.00	500.00	
C. H. McHugh		480.00	480.00	

	College	Exp Station	Total
<u>Veterinary Department</u>			
M. A. Waterman, Professor	\$1200.00	\$300.00	\$1500.00
<u>Armenia's Department</u>			
Maud Mitchell, Dean	1400.00		1400.00 Rooms
Mrs. J. L. K. Hauer, Inst'n. in Sewing	800.00		800.00 Room
Mrs. Mae M. Higgins	500.00		500.00 ..
Jennette C. Carpenter .. Domestic Science	700.00		700.00 ..
.. Cookery	500.00		500.00 ..
Sarah B. S. Arney, Inst'n. Physical Culture	650.00		650.00 ..
Louise Preyhofer Inst'n in Music	850.00		850.00
Romona Ketchum, Nurse	450.00		450.00
<u>Zoological Department</u>			
N. B. Barrons, Professor	1800.00		1800.00 House
Arthur H. Pettit, Instructor	300.00	600.00	1100.00 ..
Jesse J. Myers	800.00		800.00

Filling of vacant positions left Pres. & Sec'y.

The filling of subordinate positions was, on motion of Mr. Abraham, referred to the President and Secretary, with power to act.

Summer courses in Mech. Dept. authorized

On motion of President Snyder, summer courses in the Mechanical Department were authorized in case there is a sufficient number of applicants, in accordance with the recommendations contained in the following communication from Professor Neil:

"Agricultural College, Michigan
April 2 P.M., 1904"

President Snyder,
M.C.C.

Dear Sir:-

I would recommend offering in the way of summer courses for the coming summer the following: (1) Woodworking (2) Forging, (3) Foundry Practice, (4) Chipping and Filing, (5) Lathe, Drill and General Machine Shop Practice, (6) Mechanical Drawing, (7) Elementary Machine Design, (8) Laboratory in Steam Engineering and Strength of Materials.

These courses should extend over a period of eight weeks and be so arranged that a student could secure a maximum of three courses.

I would recommend charging a fee of ten Dollars (\$10.00) for a single course and twenty-five Dollars (\$25.00) in case a student took three courses.

Yours truly,
Chas. L. Neil"

On motion the Secretary was directed to secure bids for
Bids for uniforms military uniforms.

On motion of Mr. Graham, it was voted that the bulletin
Bulletin on Bids on bids of Michigan in preparation by Prof. Barrows, be
of Michigan published.

On motion of Mr. Walker, Secretary Brown and Prof. Hill
Expense of steam were directed to report at the next meeting on the expense
heat on Faculty of putting in steam heat on Faculty Row and also on
Row repairing furnaces and putting present means of heating
in proper condition.

On motion of Mr. Walker, President Moore and Mr. Graham
Violation of were appointed a committee to investigate the violation of the
Nursery laws nursery laws and take such steps as may be necessary in
the premises.

On motion, it was voted that when the Board adjourns,
Adjourn to it adjourn to meet Thursday, June 23rd at 9 o'clock A.M.
June 23rd at the College Board Rooms.

On motion, adjourned.

All Brown Secy

Meeting of the State Board of Agriculture.

Held at Land Commissioner's Office

June 1, 1904

3 o'clock P.M.

Present, President Moore, Messrs. Graham, Wallace, Moore and President Snyder.

On motion of Mr. Moore, the following appraisal of College lands in Oscoda County was adopted:

Appraisal
of lands
in Oscoda
County

N. E. 1/4 of S. W. 1/4, Sec. 6, Twp. 27 N., Range 3 E., 40 Acres	\$52.50
" " " " " 7 " " " " " " " " 40 "	1207.50
N. Trac. 1/2 " " " " " " " " " " " " " " 57.90 "	1228.60
S. E. 1/4 " " " " " " " " " " " " " " 40 "	1081.50

Increase of
App't. ment for
Geol. Dept.

On motion, the appropriation for the Zoological Department was increased \$150.00 for the present period on account of expense connected with the preparation of the Bird Bulletin.

Board Adjourn
to June 22

On motion it was voted that when the Board adjourns it adjourn to meet June 22nd at 9 o'clock A.M.

Inspection of
Power House

On motion of Mr. Moore, the matter of the inspection of the work of erecting the power house was referred to the Secretary, with power.

Prec. attend
Jubilee at
Madison, Wis.

On motion of Mr. Graham, President Snyder was given authority to attend the Jubilee Exercises of the Wisconsin State University at Madison, Wis.

Class of 1900
given permission
to erect memorial
fountain

On motion of Mr. Graham, the class of 1900 was given permission to erect a memorial fountain on the College grounds in such place as the President and Secretary may direct.

On motion, adjourned.

A. M. Brown Secy

Meeting of the State Board of Agriculture.

College Board Rooms.

June 22, 1904.

9 O'clock A.M.

Present, President Monroe, Messrs. Moore, Bliss, Graham and President Snyder.

The reading of the minutes of the previous meetings was postponed.

On motion of President Snyder, it was voted that the Degree of Bachelor of Science be conferred upon the following persons:

Degrees conferred upon graduates

Adelman, Arthur, m.
 Alger, Archie R., m.
 Armstrong, Elmer L., sr.
 Balbach, Edward, m.
 Baldwin, Robert J., a.
 Barrows, Marguerite, sr.
 Bird, Lewis D., a.
 Brody, Clark P., a.
 Bringer, Clifford J., a.
 Button, Don B., a.
 Carleton, William J., m.
 Carter, Albertus C., m.
 Clark, Lawrence T., a.
 * Cardley, Bessie E., sr.
 Dodge, Arthur C., m.
 Geller, Henry W., a.
 Flint, Paul M., a.
 Gurney, Dayton A., m.
 Hahn, Harvey D., a.
 Hornbeck, H. Newton, a.
 Howard, George B., m.
 Johns, Elizabeth, sr.
 Johnson, Sidney E., m.
 Knickerbocker, Jesse P., m.
 Lee, Jewel, sr.
 Loew, Frederick A., a.
 Maltby, Robert D., a.
 Martin, George E., m.
 McMillen, George S., a.
 McVethy, Leslie B., a.

* Deceased, June 8, 1904.

Merick, Wendell S., m.
 Millar, Wilson F., m.
 Morbeck, George C., a.
 Palmer, Jessie K., w.
 Price, Paul B., m.
 Poet, Jacob H., a.
 Robbins, Gerald G., m.
 Rogers, Arthur B., a.
 Rosenbom, Alvin A., a.
 Ross, Henry T., a.
 Spuford, F. Hobart, a.
 Schneider, Henry J., m.
 Schreiber, Herman, a.
 Selby, Elie A., a.
 Serlance, Howard S., a.
 Slaght, Bertrude, w.
 Slaght, Katherine, w.
 Taber, Melbert H., m.
 Taft, Grace H., w.
 Taylor, Charles B., a.
 Thompson, William C., a.
 Walker, Harry G., m.
 White, George H., m.
 Woodbury, Charles H., a.
 Wright, William J., a.

and also that the same degree be conferred upon Mr. Robert E. Ferguson as soon as his work is completed.

On motion, adjournment was taken to 2 o'clock P.M.

College Board Rooms.

2 o'clock P.M.

Same members present.

Report of Comm.
on Employees

The Committee on Employees recommended that the salary of Miss Mellman be increased \$50.00 and that an additional instructor be appointed for the Drawing Department at a salary of \$600.00 per year, which recommendation, on motion of Mr. Moore, was adopted.

President Snyder read a letter from a committee of

Acceptance of the class of 1900 presenting a drinking fountain to the drinking fountain College and the Secretary was requested to make acknowledgment by Class of 1900 meet on behalf of the Board.

Prof. Bedden given permission to attend. given permission to attend the meeting of the Society of Engineers for the Promotion of Engineering Education to be held at St. Louis, September 6-8 inclusive.

Expenses bill of Mr. Wallace & Mr. Moore. On motion of Mr. Abraham, the expense bills of Mr. Wallace and Mr. Moore were allowed.

Special appropriations for Math. & Physical Dept's. On motion of President Snyder the following special appropriations for the purchase of apparatus were made: Mathematical Department, \$1086.00; Physical Department, \$1500.00.

Report of Inspector of Nurseries accepted. On motion of Mr. Abraham, the report of the Inspector of Nurseries was received and directed to be printed in the Board Report.

Bids for military uniforms found to be as follows:

Morgan, Puleit & Morris	\$16.50
Royal Tailors	19.50
The Greenwood Company	15.85-
Stenderson & Ames	15.53-
Fickheiser Bros. Co.	15.40
Jacob Reed's Sons	14.70

Coal & military contracts referred to Pres. & Sec'y. On motion of Mr. Bliss, the question of the coal contract and contract for the military uniforms was referred to President Snyder and the Secretary, with power.

Report of Comm. on heating houses on Faculty Row. The special committee appointed to report in regard to heating the houses on Faculty Row, made the following report:

Your committee to whom was referred the question of heating the houses on Faculty Row respectfully reports that we have considered four methods of heating as applied to the houses and other buildings on Faculty Row, as follows: First, by steam from central power house; second, by hot water from same source; third, by individual hot water

systems and Fourth, by hot air. We find that there will be no great difference in the cost of installing any one of the first three, and this is estimated at \$11,000.00. We are of the opinion that hot water, in some form is, all things considered, much the best medium for conveying heat for this purpose. As between individual heating systems for the several houses and heating from the central plant, we are disposed to favor the former, chiefly for the reason that occasions may arise when the individual needs cannot or may not be compatible with the method of operating the central plant. The cost of installing hot air furnaces will be about \$150.00 for each house, and there are four at present that need new equipment but hot air is both uneconomical and unsatisfactory. Your committee would recommend as the policy of the College, to replace the hot air furnaces with individual hot water equipment as fast as the former come to serious repair. We would suggest, however that it would be entirely feasible and less objectionable to heat Stoward Terrace by steam than any of the other buildings, it being located so near the end of the tunnel.

All of which is respectfully submitted.
 A. M. Brown
 Chas. L. Hill."

Decided to install hot water in certain houses

On motion of Mr. Bliss, the Secretary was directed to install hot water systems in such houses as require new heating plants.

Mr. Balbach employed as inspector on Power House

On motion of Mr. Abraham, it was voted that Mr. Balbach be employed continuously as inspector on the power house.

Appropriation increased for Mech. Dept. Drawing, M. A. C. Record, Office, Gen. Special Courses

On motion, the following additions to the apportionments of the several departments were made for the present period: Mechanical Department, \$325.00; Horticultural Department, \$200.00; Drawing Department, \$45.00; M. A. C. Record, \$100.00; Military Department, \$175.00; President's Office, \$30.00; Geological Department, \$100.00 and Special Courses, \$125.00.

The following apportionment for the period

ending December 31, 1904, was adopted:

Appropriation for six months ending Dec. 31, 1904.	Advertising	\$100.00
	Athletics	-----
	Bacteriological	1000.00
	Botanical	800.00
	Chemical	400.00
	Cleaning	1000.00
	Contingent Building	-----
	Dancing	355.00
	Electric Lighting	4000.00
	English	25.00
	Gann	2175.00
	Forestry	450.00
	Heating	10000.00
	History	25.00
	Agricultural	1500.00
	Library	800.00
	Mathematical	350.00
	Mechanical	2175.00
	M. A. C. Record	350.00
	Military	250.00
	Miscellaneous	-----
	President's Office	400.00
	Secretary's Office	400.00
	Salaries	93000.00
	Special Courses	250.00
	Physical	250.00
	Veterinary	50.00
	Women's	800.00
	Zoological	250.00
	U. S. Exp. Station	-----
	Smith. Soreu Exp. Station	-----
	Institutes inc. P. H. Q. P.	7500.00
	Experiment Station Bulletins	2000.00

On motion, adjourned at the call of the
President.

All Brown Secy

Meeting of the State Board of Agriculture

Interlaken Hotel, Pontiac, Michigan
September 14, 1904. 8 O'clock P.M.

Present, President Monroe, Messrs. Bliss, Graham, Moore, Watkins and President Snyder.

The minutes of the May and June meetings were, on motion, approved.

On motion of Mr. Bliss, R. F. Bird was appointed as Assistant in Animal Husbandry at a salary of \$700.00 per year, beginning September 1, 1904, the apportionment between the College and Experiment Station to be fixed by the President and Secretary.

On motion of Mr. Bliss, the salary of Mr. Robison was increased to \$1100.00 per annum and rooms, beginning September 1st, the motion being based upon the recommendation of President Snyder.

President Snyder presented a communication from a committee of the Club-boarding Association in reference to a bake area, which was, on motion of Mr. Bliss, referred to a committee consisting of Messrs. Monroe, Snyder and Graham, with power to act.

A communication from Prof. Hedrick in reference to the artificial pond was, on motion of Mr. Bliss, referred to the same committee.

On motion of Mr. Bliss, the Secretary was directed to consult the Attorney General and obtain a written opinion in reference to the sale of ties, poles, etc. upon the lands of the U. P. Experiment Station.

On motion of Mr. Watkins, it was voted to put in a gasoline gas plant for the Agricultural Laboratory.

On motion of Mr. Graham, it was decided to extend the tunnel for the heating system so as to connect the Armory, Bath House and Abbot Hall.

On motion of Mr. Graham, it was voted that Director Smith be requested to make a detailed and

Report of U. P. Station asked for. Comprehensive report, at the next meeting of the Board, of the status work and expenditures of the U. P. Experiment Station from July 1, 1903 up to the present time.

Appropriation for So. Hareu Station. On motion of President Snyder, the appropriation for the South Hareu Experiment Station for the fiscal year commencing June 30, 1904, was made \$10,000.00.

Report of So. Hareu Station asked for. On motion of Mr. Abraham, it was voted that Prof. Tull, in charge of the Experiment Station at South Hareu, be requested to make a report for the South Hareu Station corresponding with the one to be made by Director Smith for the U. P. Station.

Expense bills of members approved. On motion of President Snyder, the expense bills of members were approved.

Adjournment was taken to 8 o'clock A. M., September 15th.

September 15, 1904.

8 o'clock A. M.

Same members present.

Mr. Matthews to represent Board. On motion of Mr. Abraham, it was voted that Mr. Matthews represent the Board at the meeting of the National Convention of Presidents and Experiment Station workers, at Des Moines, Iowa, the first week in November.

Salaries of clerks. On motion of Mr. Abraham, the question of the salaries of Miss Yakelby and Miss Earl was referred to President Snyder and the Secretary, with power.

On motion, adjourned.

All Brethren Secy

Meeting of the State Board of Agriculture

College Board Rooms

September 30, 1904.

8 O'clock P.M.

Present, President Monroe, Messrs. Grahame, Moore, Bliss, Matthews and President Snyder.

The minutes of the previous meeting were read and approved.

Question of lease of College property for houses.
 President Snyder presented the question of the lease of a portion of the College Campus for the erection of houses by members of the Faculty, in accordance with the plan adopted at Cornell University, and the Secretary was requested to take legal counsel as to the authority of the Board to make such leases.

Report of employees kind and salaries
 President Snyder reported the following employees and their salaries:

Ellen Bach, Instructor in Botany	\$600.00
E. A. Boyer, Instructor in Chemistry	550.00
B. A. Lance, Clerk to President	1000.00
D. O. Foster, Instructor in Dairying	1000.00
Carl Henderson, Instructor in Mathematics	700.00
Mrs. J. Lamoreaux, Instructor in Chemistry	550.00
F. C. Mills, Instructor in Civil Engineering	750.00
Arthur E. Palmer, Instructor in Mech'l. Drawing	550.00
Miss Virginia Purmort, Instructor in Domestic Science	500.00
Halter G. Sackett, Instructor in Bact. and Hygiene	1000.00
C. H. Srauger, Instructor in Chemistry	550.00
George G. Smeat, Instructor in Mathematics	550.00
Chas. S. Williamson, Jr., Instructor in Chemistry	900.00
H. H. Wells, Instructor in Mechanical Engineering	1000.00
Otis N. Blair, Instructor in Mechanical Engineering	720.00

Report of the U. P. Station from President Snyder,
 July 1, 1903,
 by Prof. Smith.
 Professor Smith, Director of the Experiment Station:
 "September 28, 1904."

Dear Sir:-

At the last meeting of the Board, "on motion of Mr. Grahame, it was voted that Director Smith be requested to make a detailed and comprehensive report, at the next meeting of the Board, of the entire work and expenditures

of the U. P. Experiment Station from July 1, 1903, up till the present time:
 Complying with this mandate I submit the following report:-
 Expenditures.

For the year ending June 30, 1904.

Postage + Printing	\$152.18
Freight	76.95
Seeds and plants	93.41
Pools	25.76
Pile	33.10
Travel, including two visits of Director	94.50
Repairs, lumber, nails, etc.	142.35
Dynamite	207.90
Labor	3571.76
Dynamite since July 1	50.50
Freight	12.30
Seeds	5.85
Repairs	3.00
Payroll	907.88
Total expenditures	\$5745.75

Monthly payrolls.	
July, 1903	\$706.34
August	832.24
September	542.63
October	274.12
November	252.30
December	50.00
January	50.00
February	50.00
March	50.00
April	76.67
May	368.79
June	477.67
July	383.54
August	524.24
Labor bill	\$4779.64
Green's salary (14.000's.)	700.00
	\$4079.64

It pays \$1.75 for man and \$4.00 for man and team.
 The above account is not accurate to a dollar but is approximately correct, as is also the classification.

Work accomplished.

Naturally the bulk of the \$4079.64 spent for labor has gone to pay for improvements, for clearing and ditching, but it must not be forgotten that we have been conducting experiments

on a great multitude of small plots. This means the weighing of seeds, fertilizers and crops and an attention to details not thought of in actual farm practice. I regret that Mr. Weisman is unable to give me any estimate of the proportions of labor on the plots to the gross labor bill. It is safe to assume that two men besides Mr. Weisman would spend their entire time at this legitimate station work, for the months of May, to October inclusive and I have therefore estimated the labor bill for station work at \$500.00 and for man and team at \$319.64. This leaves something over \$3200. to be expended in clearing and ditching.

On the 30th of June, 1903 the area of land cleared and ready for the plow did not exceed eighteen acres. The trees had been cut over most of the east forty, a house and barn had been built, the grounds about the buildings had been graded, a permanent front fence had been built and one east and west ditch had been put in, to carry the water from the buildings.

The first expensive job of the fiscal year was to put in a ditch to carry off the water from the terrace below the house. The bottom eight inches of this drain had to be cut for 150 ft. through rock, most of it fairly soft but occasionally dolomite line stone. This ditch extended from the road to a point directly south of the barn, with a lateral running up to the house for the sewage and to the barn.

Next, came the clearing of the terrace between the house and the creek. This clearing embraces the entire cedar swamp and the fact that the merchantable timber had been removed five years ago made the clearing very expensive. The soil was largely filled with middalls partly decayed. The area was traversed by lumber roads built by chopping off trees close to the ground, filling the spaces between the main roots with cedar slabs, corduroying the rest with poles, large slabs and cedar bark, the tramping of teams causing the whole to be firmly compacted and covered with mud. Even grub hoes prove useless and resort had to be made to pickaxes. The large cedar stumps averaged over 150 per acre, occupying almost the whole surface, while many trees were branched at the base, each stump being in fact the remnant of a cluster of three to six large trees. Blowing up the stumps with dynamite would have been too expensive and the soil itself would have been blown away. The nearly nine acres of swamp required an average of 90 lbs. of dynamite per acre, the stumps being removed by the so-called "dambic" process. All of this area is now plowed or ready for the plow.

South of the creek the eight acres adjacent to the railroad have been cleared and nearly all of it plowed and cross plowed, the stones and roots being carefully picked up and removed. A side track formerly extended

across the plowed portion and $5\frac{1}{2}$ acres had been used as loading grounds. The condition of this tract was bad enough because, in addition to the rubbish naturally tramped into the soil, there had been worked into it endless numbers of strands of hay wire and of heavy wire used for fastening loads on flat cars. The otherwise shallow soil had been used with the old logs for building side tracks and the vacant spaces were used as a receptacle for all the broken boxes, bottles, tin cans and such rubbish as accumulates around a village.

Moreover, practically every square inch of the five acres in this railroad tract had to be dug over with a pickaxe, the chief aim being the removal of all rough stones to make even shallow plowing possible. The loose surface stone alone aggregated one hundred wagon loads which were dumped between the main tracks and the present side tracks of the railroad. Plowing revealed a ridge 30 rods long east and west and a couple of rods wide, an almost continuous and solid belt of stone at a depth of one to four inches. This whole area would have been abandoned were it not close to the railroad and in full view of every one passing. We had to uncover the whole bed of stone and quarry them out. It would have taken too long to haul them to the railroad so they were dumped along the railroad fence in a pile 500 ft. long, a rod wide and 3 ft. or less high. Fortunately the stumps on this area and withered toward the creek were of trees cut when the station was first located and therefore partly rotten, hence the charge for dynamite was only about 30 lbs. per acre for eight acres.

We have now a frontage on the railroad of 42 rods cleared land with four acres left not entirely cleared of stumps.

The cost of clearing has been excessive largely because it has been impossible to get anyone besides Finlanders to do the work and it is a hopeless task to teach them even the use of the caulwork. They rely upon brute force rather than skill, but they are good workers even in situations where an American would refuse to work.

Considerable sand was hauled for grading about the barn, one hundred wagon loads last summer and an equal amount this year in the attempt to redeem the black swamps near the creek, which has been a continual eyesore and which cannot be readily drained. The result has been fairly satisfactory as we have a good catch of alsike and timothy or alsike

and red top.

Considerable work has been done in the grove of large maples northwest of the house, clearing off underbrush and removing the danger from fire. Six acres have been gone over.

Not counting this area practically twenty acres have been cleared in the time covered by this report.

Ditching.

As already reported 1115 ft. of main ditch and 230 ft. of laterals were completed last year on the terrace north of the creek and south of the building. During the present season a ditch 375 ft. long has been put on the same terrace which will require 350 ft. more to finish the job as it ought to be done.

South of the creek one main ditch 510 ft. long had been completed this year and a lateral 695 ft. long is in process of excavation with 200 ft. completed and the soil and soft rock removed from the remainder. The soil is scarcely 6 in. deep over part of this ditch and there is less than 3 in. of soft rock which can be taken out with pickaxes and steel bars. To obtain a fall of 2.5 in. to 100 ft. requires the removing of 30 in. of hard rock, greyish dolomite for the most part or a blue rock looking like granite and exceeding hard. For this we are using dynamite, putting in a drill hole every two to three feet, one half pound of dynamite for each hole. Blue rock requires more dynamite. The railroad company furnishes the tile. Heretofore the whole area south of the creek has been too wet for any results of value but these ditches will remove the surplus water.

It has been necessary to fence the recently cleared areas and to do this the post holes have been blown out with dynamite except near the Lindquist house where dynamite has been forbidden.

Mr. Geismar says that he estimates the cost of the clearing of 17 acres as at least \$125.00 per acre. This is more than double what it should have cost to clear an average acre with green stumps and the greatest part of the extra cost is due to the extraordinary conditions mentioned. The cost of the other four acres will not exceed \$50.00 per acre. The ditching north of the creek will average eight cents per foot while the cost on the south side will average 35¢.

I have shown you briefly, what has been accomplished in the way of clearing and other im-

provements. You are also interested in the question what the station has done to help the state. Here are some of the things accomplished: It has been shown

That certain varieties of apple trees are adapted to that northern climate which others exhibit a tenderness either in trunk, leaf or bloom. It is too early to report selections on the basis of fruitfulness!

The apple trees must be headed high on account of the snow and that certain methods of pruning not followed farther south must be adopted. That in top grafting certain stocks must be used.

That certain varieties of stone fruits do well but that the tender cherries and all the peaches must be excluded from the list.

That all of the small fruits do well, including gooseberries but that certain varieties are more resistant to the late frosts than others.

That strawberries are an exceedingly profitable crop, resist the late frosts and mature a crop under conditions seemingly prohibited.

That vegetables of all kinds find their maximum yield, but that variations in method of growing are necessary; that potatoes, for instance, do better if planted in the fall, that sugar beets may be left in the ground all winter, that peas and beans must be selected for less foliage and shorter vines. Our work has been quoted with approval by the authorities at Washington as being the best work done in these directions in northern latitudes.

Full wheat has been extensively tried and does remarkably well. Oats is practically a total failure, while corn are fair.

The cause of the climate is the fact that frosts come without warning almost if not quite every month in the year. We are keeping careful records and are publishing the facts exactly as they are. A second trouble lies in the excessive rain fall especially in August and September, making the harvests difficult, sometimes impossible.

I submit these facts without comment.

Yours respectfully,

C. D. Smith, Director

On motion of Mr. Moore, the following resolutions were adopted:

Resolved, That we hereby certify to the Auditor General that, of the unexpended balance of the \$100,000.00 arising under the provisions of

Act 232, Laws of 1901, for the fiscal year ending June 30, 1904, no further amount will be required to cover the current expenses of the Agricultural College for that year.

Resolved, That there is hereby appropriated, under the provisions of Act 232, Laws of 1901, the sum of \$9,000.00 for the extension of tunnels and additional equipment.

On motion, the expense accounts of Board members were allowed.

Adjournment was taken to 8 o'clock A.M. October 1st.

College Board Rooms.

October 1, 1904.

8 O'clock A.M.

Present, President Monroe, Messrs. Graham, Matthews, Moore and President Snyder.

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

Resolved, That operations at the Upper Peninsula Experiment Station, during the ensuing year, be confined to experimentation only, unless otherwise ordered by the Board.

On motion of President Snyder, \$500.00 was added to the appropriation of the English Department for additional assistance in the correction of papers.

On motion, adjourned.

Allen Brown Secy

Resolution to appropriate \$9,000.00 for extension of tunnels

Expense acct. of Board members allowed.

Resolution that operations at U.P. Experiment Station be confined to experimentation ordered by the Board.

\$500.00 added to the appropriation of Eng. Dept.

Meeting of the State Board of Agriculture.

College Board Rooms.

November 16, 1914. 1:30 o'clock P.M.

Present, President Moore, Messrs. Mullac, Bliss, Wimer, Washburn and President Snyder.

The minutes of the previous meeting were read and approved.

On motion of Mr. Bliss, it was voted that the College pay the expenses of Prof. H. P. Holbrook in attending the meeting of the American Association of Science, December 28th & 29th at Philadelphia; also those of Prof. Boquer while attending the Forestry Congress held under the auspices of the American Forestry Association, at Washington, January 2nd to 6th.

Expenses of Prof. U. P. Hedrick to attend meeting Am. Assoc. of Sci. at Phila., also others of Prof. Boquer to Am. Forestry Assoc. at Wash. D. C.

\$150.00 added to app'tment of Farm Dept. to pay expenses of getting horses for stock judging.

On motion of Mr. Washburn \$150.00 was added to the appropriation of the Farm Department, for the present period, to cover the expense of supplying horses for stock judging.

In re. Sigma Nu. Beta Secy for rooms.

On motion of Mr. Bliss, the request of the Sigma Nu Beta Society for no more, was referred to the president and secretary, with power.

In re. money for distribution as debating prizes.

On motion of Mr. Moore, the request of Dr. Edwards for the privilege of using \$60.00 for distribution as debating prizes, was granted.

Report of Secretary

The secretary read the following report: To the Honorable State Board of Agriculture. Gentlemen:-

I herewith present the following report upon matters relating to my office.

During the latter summer and early fall months, six very complete hot water systems were installed in the following houses: Budd's, Shaw's, Pettit's, the President's, the Hospital and the west half of Donald Perrace, embracing four suites of rooms, at an average cost of about \$633.00.

Work on the tunnel contract is rapidly approaching an end not excepting the extension recently authorized.

by you. The boiler house contract was considerably delayed through the failure of the Russel Wheel & Foundry Company to execute their contract in accordance with the specifications. The trusses, as originally built, were inadequate and unsatisfactory and numerous alterations were required to be made, before the contractors were permitted to erect them and finally the company were asked to reduce the contract price, in consideration of difference of material, delays and expenses, by the amount of \$1,000.00, which it consented to do. Much credit is due Prof. Neil for the zeal and energy with which he followed up this matter, which might easily have been overlooked, and brought about the final terms of settlement. He perhaps, assumed more responsibility and a deeper interest than his position required and if so, I trust that you will take this into consideration. The new boilers are here, the stack completed, the contract for the stokers has been made and the work on the boiler house will soon be completed.

I wish to call your attention to the condition of our water supply. For some time, the two wells which we now have, have failed to supply all the water that is required notwithstanding the fact that we have been supplying the Bath House with water from the river through the old mains. At frequent intervals, it has been impossible to raise the water to the third floor, thus causing great trouble with the closets and especially with the kitchen of the Women's Building. It will be necessary, I think, to put down another well at once.

As directed by you, at a previous meeting, I consulted with the Attorney General, or rather with his deputy, Mr. Chase, in reference to the cedar at the U. P. Station and was advised that we might sell the same at once and I accordingly asked Mr. Meisner to secure a bid on it. In the meantime, a letter has been received from the attorney of the Cleveland-Cliffs Iron Co. offering to make settlement.

I have also consulted the same authority in reference to the Cornell plan of leasing lots for building purposes and was advised that in his opinion, the Board of Agriculture had not the requisite authority to make such leases without a special act of the legislature.

The city of Lansing have asked to have us name a price on the old dynamo which we are

no longer using and I bring the matter to your attention at this time to take such action as you may see fit.

As the Sundry Improvement account is to be a permanent one, it will be necessary to supplement the appropriation for it. It will also be necessary to take care of the appropriation for the U. P. station for which some alterations have been made and the account is now overdrawn \$1187.66. The appropriation of the Chemical Department is also overdrawn \$261.76.

All of which is respectfully submitted.

A. M. Brown, Secretary."

On motion of Mr. Wallace, the secretary was directed to take up with the Attorney General the question of settlement with the Cleveland-Cliffs Iron Co. for cedar timber cut upon the Upper Peninsula Station lands, also the matter relating to the contract of the Muncising Company with the College for the clearing of certain portions of the same lands.

On motion of Mr. Wallace, the question of the sale of old dynamo referred to president and secretary with power.

On motion of Mr. Moore, there was appropriated for the U. P. Station, for the period ending June 30, 1905, the sum of \$2500.00.

The following resolution was, on motion, adopted: Resolved, that there is hereby appropriated, under the provisions of Act 232, Session Laws of 1901, the sum of \$5000.00 for Sundry Improvements, at the Agricultural College.

On motion of Mr. Moore, the president and secretary were given authority to put down one or two new corn saw mills as, in their judgement, may seem best.

On motion of Mr. Moore, \$550.00 was added to the appropriation of the Chemical Department, for the present period.

On motion of Mr. Abraham, the following resolution was adopted: Whereas, By provisions of Act 194 of the Public Acts of 1903, the Commissioner of the State Land

In re. settlement for timber with Cleveland-Cliffs Iron Co.

Sale of old dynamo referred to president and secretary

Appropriation for U. P. Station

\$5,000.00 appropriated for Sundry Improvements

President and Secy. authorized to put down saw mills

\$550.00 added to appropriation of Chem. Dept.

Resolutions in regard to sale of timber from college lands

Office is authorized and empowered to sell the timber from the Agricultural College lands under such rules and regulations as may be prescribed by the State Board of Agriculture and,

Whereas, One of the provisions of the said act is that the said lands from which it may be proposed to sell any timber, under the provisions of said act, shall have been offered at public sale, pursuant to Act 21 of the Public Acts of 1873 and to have been held by the State, one year after such public offering, and

Whereas, There has been this day, offered to this Board, by the Commissioner of the State Land Office, a list of such lands situated in Decoda County and which have been so offered at public sale and held for at least one year after such public offering, therefore be it,

Resolved, That said State Board of Agriculture hereby authorizes the Commissioner to sell without reserve, all timber on the following descriptions, at not less than the appraised value fixed upon these lands, by the said Board on November 11, 1903, to-wit:

- N N - N E Section 10, \$910.25
- N E - N N Section 23, 1311.35
- S E - N N Section 23, 2165.46
- S E - S N Section 24, 1007.22
- S N - N N Section 25, 1204.74
- N E - S N Section 25, 1163.40, All in 27 N 2 E Decoda County.

Expense bills of members, approved.

On motion of President Snyder, the expense bills of all members, were approved.

On motion, adjourned.

Attest
 A. M. Brown Secy

Meeting of the State Board of Agriculture.
College Board Rooms.

December 16, 1904.

1:30 P. M.

Present, President Moore, Messrs. Wallace, Moore
and Graham.

No quorum being present, the meeting adjourned.

All Brown Decy

Meeting of the State Board of Agriculture
College Board Rooms

January 3, 1905

10 o'clock A. M.

Present, President Moore, Messrs. Abraham, Bliss,
Moore, Mathews and President Snyder.

The minutes of the previous meeting were read
and approved.

Resignation of Mr. Sherman as foreman of the grounds which was
on motion of Mr. Bliss, accepted.

Appointment of Mr. Gibson as
Foreman of Grounds. On motion of President Snyder, Clifford Gibson
was appointed foreman of the grounds for a period
of six months, beginning January 1, 1905, at a salary
of \$750.00 per year and house.

Sugar beet course
suspended. On motion of Mr. Mathews, the sugar beet
course was suspended for one year.

Microscopes for
Botanical Dept. On motion of Mr. Bliss, the question of the
purchase of microscopes for the Botanical Department
was referred to President Snyder, with power

See special
appointment for Mech. Dept. A communication from Prof. Heif in reference
to a special appointment for the Mechanical
Department was referred to the Mechanical Depart-
ment Committee.