

The Weekly Spectrum.

VOL. XII. NUMBER 18. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, FEBRUARY 18, 1908.

PRICE 5 CENTS

Inspiring Address.

Delivered by Governor Burke on Lincoln's Birthday.

Wednesday of last week being the birthday of our martyred president, Lincoln, all classes were suspended at 10 o'clock while the students and faculty, together with a crowd of Fargo people, gathered at the Armory to listen to an address by Governor Burke. Several hundred chairs had been provided but they were not sufficient to seat the 1,000 or 1,200 people present, and so the galleries and benches were filled. The Armory was tastefully decorated in red, white and blue bunting, Old Glory hung draped on the walls, and over the speaker's stand was a large portrait of Lincoln draped with the flag for which he died.

Patriotic music was furnished by the College band and the Chapel choir. At the opening of the program Prof. Arvold read Lincoln's most famous utterance, his Gettysburg speech, and Walt Whitman's perfect tribute, "Captain, My Captain." Governor Burke was then introduced by President Worst. "Lincoln, the Greatest Typical American, and the Most Splendid American Citizen," was the inspiring theme of the Governor's address.

In his opening remarks the speaker laid great emphasis upon patriotism, touching upon the value of the teaching of patriotism in our schools, by placing the flag on all our public buildings, and by observing the great events of our history by national holidays on which special exercises are held in our schools and cities. All this is necessary to awaken in the child a love for his country and "Americans have more reason to love their country than the people of any other land, because America has done more for her people." America has given to all her children equal rights to equal opportunities.

Lincoln stands before us as the ideal citizen of the republic. He had great confidence in the rule of the people as is shown by an address of 1840 where he spoke on representative democracy and expressed his confidence in the principle of the initiation of legislation through their representatives.

The conditions surrounding Lincoln's youth, combined with his natural ability, tended to develop self-reliance, executive ability and gave him thorough knowledge of human nature which fitted him to the tasks to which he was assigned in later years. Although his early schooling was limited, his mother inspired into him the love of study and of books, so that all he learned he knew and remembered, because he had to dig it out for himself.

Lincoln's eccentric characteristics have been over-emphasized. He was not an uncouth, awkward backwoodsman when he sat in the White House. For before that time he practiced before the bar in Indiana, in the legislature and in the national senate. Such environ-

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A New Creation.

Department of Education Established—Prof. A. D. Weeks at Its Head.

At the last regular meeting of the College Board of Trustees, action was taken establishing a distinct Department of Education, the object of which will be to unify and enlarge upon the pedagogical courses offered and also as far as advisable to include a certain amount of pedagogical training in the other course with the view of fitting graduates to fill positions as teachers. Prof. Arland D. Weeks of the department of English was elected to the head of this department.

This action is in harmony with the Nelson Act of 1907 and also conforms with a law on the North Dakota statutes which gives agricultural college graduates a life permit to teach providing that they have had a certain amount of pedagogical training. From this the wisdom of the action can readily be seen, as there will be an ever increasing demand for those qualified to teach such subjects as manual training, agriculture and the other sciences in our public schools, and it is from the Agricultural College that such men and women will be looked for.

Under the leadership of Prof. Weeks, who has just severed his connection with one of our state normal schools and who has kept himself so closely in touch with the educational work of the state, there is little doubt but that this department is in capable hands and will accomplish the purpose for which it is created.

VISIT TO AMENIA.

Prof. Richards and the advanced class in stock judging, twenty-five in number, took a trip to W. W. Brown's stock farm at Amenia Saturday. Mr. Brown has already had three visits from our students and they have always been entertained in a hospitable manner.

Mr. Brown is a breeder of pure bred Shorthorn cattle and Poland China swine. The greater part of the day was spent in judging the animals and inspecting the farm. Students derive a great deal of benefit from trips of this kind as they get a chance to see how practical farm are arranged and managed.

CONVOCATION.

Attorney E. W. Hardy of Fargo was the speaker of the morning at Chapel yesterday. His subject was combinations. He dealt with his subject from a broad standpoint, showing that not only capital was combining and forming trusts, but also the labor, and lately the agricultural interests of the country. Of late our legislators have found it necessary to incorporate into the statutes laws controlling the great combinations of capital. In regard to this he sounded a note of warning, calling for fairness and intelligence of action, there being great danger of a state like North Dakota which is so largely agricultural in its interests, overlooking the rights of manufactures with which it is so largely interdependent.

It was "hands up" with some of the fellows on that sleigh-ride Saturday evening.

FARGO COLLEGE DEBATE.

The debate with Fargo College will take place on March 31, at the A. C. Chapel. Remember the date. The question is, Resolved, That it would be for the best interest of the people of the United States for organized labor to act as a unit at the poles.

On account of the resignation of one of the members of the debate team an opportunity will be given any student to speak on the subject before a committee on Wednesday, Feb. 19, at 1:30. Any one who is interested should see Prof. Arvold at once.

Victory at Wahpeton.

Agricultural College Takes Both Games.

The A. C. boys' and girls' basketball teams defeated the Wahpeton teams in two fast and interesting games played on the Wahpeton floor last Saturday evening. The girls' team returned home Sunday and the boys' team continued on their trip into South Dakota, where they play Aberdeen.

In the girls' game the first half ended with a score of 8 to 1 for the A. C. The second half proved to be more interesting, and both teams played to win. Score of girls' game: A. C. 15, Science school 1.

The boys' game was very interesting owing to the fact that they played an entirely new team from the one which represented Wahpeton here a few weeks ago. Rinde, formerly of the A. C., played a good game for the Science School. The floor was not good and the room was not large, but the game was good from start to finish. Ueland made all the points for the A. C. in the second half. F. Darrow was replaced by Lough in the second half. Hofus played a good game against a large opponent. Score of boys' game: Science School 7, A. C. 36.

Our players report the best of entertainment at Wahpeton. A dance was given in their honor and every courtesy was shown them.

AGGIES LOSE TO A. B. C.

The Agricultural College basketball team opened their schedule by a game with the Aaker's Business College boys on Saturday afternoon. The game was played on the Y. M. C. A. floor. The score ended 34 to 17 with the "Weed Fighters" at the tail end.

The lineup for the Aggies was as follows: F. Faust, center; Chilberg and Still forwards; Staples and McClaine, guards. They all played hard but allowed their opponents too much open play. We would not advise them to tackle any heavy games just yet. A light practice, such as the Engineers could furnish, might prove beneficial.

A couple of dairy students put two cans of milk in the churn before they discovered the faucet was open.

It was "hands up" with some of the fellows on that sleigh-ride Saturday evening.

PROF. McDOWELL RESIGNED.

He Will Accept a Government Position.

Prof. J. C. McDowell, agronomist, returned from Washington last Monday, where he accepted the position offered him by the Agrostology Division of the Bureau of Plant Industry as Traveling Expert on Farm Management. He has resigned his position as professor of agronomy at the College and will leave to begin his new duties April 1st. His many friends are sorry to have him leave but congratulate him on his new and important position.

The general character of his work will be as follows: To determine the types of farming prevailing, and the general results secured from each of these types in the district; to study the effects of each type of farming, the profits and standard of living, and to determine the adaptability of different types of farming to local conditions; and in general to make working plans for selected farms as object lessons for the various sections of the district. He is to work in harmony and co-operation with the state experiment stations, and when we consider that his district covers the territory of Michigan, Wisconsin, Minnesota and North and South Dakota—sections which have the most varied of conditions—we understand that it is a difficult task requiring a practical, well trained and experienced man.

The fact that the department at Washington selected a man from this station for this important position is evidence of the high standing of our station staff. Prof. McDowell has been connected with the College for the past five years, and has a long record of agricultural activities behind him. For the present the Professor's family will reside in Fargo.

ALPHA MU.

On Saturday evening the Alpha Mu Frat. held an initiation and banquet in the fraternity room in the Mechanical Building. The candidates for the degree of fellowship were John White and Leslie Wheeler. A great deal of difficulty was experienced in urging Jack to step over the sands of the V. of the S. of D., but by bringing into play the goataput it was accomplished in an easy manner. A slight accident marred the course of events when Leslie Wheeler, in imagining that he was falling from the tower of the main building, fell through the skylight into one of the class rooms below. No damage was done other than the breaking of the skylight.

SYSTEM.

Very many inquiries are reaching the agricultural department for information regarding all kinds of farm management. It is interesting to note that a superintendent of a large farm near Fergus Falls, Minn., was favorably impressed by the system of keeping records and accounts in use by the College, which is strictly original and very systematic.

Fearing that some of them would be taken for part of the faculty the Freshmen hung a banner over their box at the Opera House Wednesday evening.

Big Event.

The Great Stock Judging Contest of 1908.

Since 1897 when the Board of Trustees of the College donated the gold medal to the advanced student most proficient in judging all classes of live stock, the annual stock judging contests have been the climax of each year's work along that line. Various prizes are offered at each one of these contests to stimulate healthy competition and interest in live stock. A thorough knowledge of the best types and forms of the different classes of farm animals is absolutely necessary to the successful farmer of stockraiser, therefore the College realizes that the value of training in stock judging has an influencing the student toward a desire for breeding a better class of animals. Outsiders have shown their appreciation of the work by donating prizes each year.

The stock judging contest is one of the biggest events of the year for the agricultural men, and it is considered to be quite an honor to be on any of the judging teams. Trips are taken at times to stock farms and live stock shows, such as the International at Chicago, or the Northwestern at St. Paul, where the students enter into competition judging with students of other institutions.

March 18 and 19 are the eventful days of the contest for this year, and a carcass demonstration has been planned in connection. Two rings of each of the different classes of animals will be judged, the decisions as usual will be given by an outside judge of recognized prominence to avoid all traces of partiality.

The following is a list of the winners of prizes in previous contests:

- Winners of the Gold Medal**
1897—John A. Davis, Buxton, N. D.
1898—Harry Hicks, Hickson, N. D.
1899—Simon C. Powers, Lynchburg, N. D.
1900—John S. Cummings, Hawley, N. D.
1901—W. A. Workman, Grandin, N. D.
1902—Stanley Thompson, Ayr, N. D.
1903—Rufus Lee, Gladstone, N. D.
1904—Earl Matteson, Inkster, N. D.
1905—Reine Hasse, Tappen, N. D.
1906—A. J. Weishbach, Lynchburg, N. D.
1907—Geo. P. Grout, Fargo, N. D.
1907—John Dinwoodie, Bottin, D.

Winners of the Richards Silver Cup, Donated in 1906.

- 1906—John Sherman, Steele, N. D.
neau, N. D.
Winner of the Sheperd silver cup in 1907, Phillip Moum of Buffalo.

Messrs. Geo. P. Grout and John Dinwoodie who captured the first prizes in the advanced and first year classes last year which must be won a second time to become the permanent property of the

(Continued on Page 5.)

Everyone Should Subscribe for the Junior Annual

SOCIETY

ATHENIAN PROGRAM

Feb. 21, 1908.

James Russel Lowell.

Music—Orchestra.

Biographical Sketch—Norman Powell.

"The Pioneer"—Mary Thompson.

The Biglow Papers—Albert Thomas.

Piano Duet—Earl and Florence Hunt.

"The Chippewa Legend"—Lillian Locke.

His Rank as a Poet—Ross Babcock.

"The Courtin'"—Fern Dynes.

Criticisms—V. C. Parker.

Vocal Duet—Messrs. Babcock and Yerrington.

Business meeting.

Y. W. C. A.

The attendance at mission study class Wednesday evening was smaller than usual but an interesting session was held. Miss Ruby Hicks read a paper on "How the African Would be Bettered by the Christian Religion."

The subject for the devotional meeting Wednesday, Feb. 19, is "The Salvation I Need." Miss Grest will lead and all girls are invited to come.

STAG SOCIAL.

The boys report a rousing good time at the Y. M. C. A. stag social held in the Armory Saturday evening. About 100 fellows were present and the time was spent in games and various athletic contests, prizes being awarded to the winners. Refreshments in the form of apples and ham sandwiches were served before the close of the evening's enjoyment.

MINERVA CLUB PROGRAM.

The following program will be given Thursday evening, Feb. 20, at 7:15:

Piano solo—Emma Bohlmeir.

Debate: Resolved, That the present banking system is not adequate to the needs of the country.

The affirmative will be upheld by Misses Genevieve Holkesvig, Ruby Gibbons and Matilda Thompson, and the negative by Elizabeth Rice, Fern Dynes and Emily May.

Current Events—Agnes Halland.
Locals—Cecelia Eyolfson.
Piano solo—Mary Thompson.

ATHENIAN PARTY.

Friday evening, Feb. 14, Francis Hall was the scene of a very unique Valentine party given by the Athenians to the members and their friends. The rooms were brilliantly decorated in red, hearts and arrows being everywhere predominant.

On arriving each one was given a thread of a mysterious spider web to untangle at the end of which was attached a fortune. A search was then made for red candy hearts which were concealed about the room. Then followed an arrow shooting contest which proved to be the most exciting feature of the evening. Sides were chosen by Miss Matilda Thompson and Miss Dora Welo. Miss Thompson's side was awarded a box of bon bons as a prize for their superior marksmanship.

During the evening Mr. Ray Babcock rendered a violin solo and Ross Babcock a vocal solo. Both were greatly appreciated. A valentine contest was then held, Miss Gladys Pease winning the first prize and Prof. Arvold the consolation. Later in the evening refreshments of ice cream and cake were served. A large pyramid cake decorated in red hearts was brought out in which was contained a ring, a locket, a nickle, and a key. Considerable excitement was prevalent until the different articles were discovered by the fortunate ones.

Dancing was indulged in until 12. The evening will long be remembered as a pleasant one.

Some people evidently take the newspaper for a waste basket by the looks of the stuff handed in for copy.

EVENING ON THE FARM.

I long for the same old quiet when my daily toil is done,
As once, when on the farm I knew, at going down of sun.
The same old dusty, weary, world, wrapped in its cloak of rest,
The cool, fresh breath of the evening that played above its breast;
The silent, broad expanse of plain bathed in the moon's pale glow—
Oft, when fatigued, my fancy begs—it fain would see it so.
C. H. C. '08.

PROFESSOR'S PREDICAMENT.

"The Professor's Predicament," presented by the Edwin Booth Dramatic Club, at the Fargo Opera House last Wednesday evening, was very well received.

The plot, which is laid at a summer resort in the White Mountains, centers about Arthur Holcomb, Professor of Physics at Harvard, and Mary Dexter, a young girl known as Pansy, who has been kidnapped and is living there in the mountains as the daughter of Staples. The professor is spending his vacation with his aunt, Mrs. Winthrop, who is acting as chaperon to four seminary girls. The predicament the Professor gets into, and finally gets out of by falling in love with Pansy, is that owing to his nearsightedness he becomes engaged to all four of the seminary girls. The play is brought to a happy ending by Harold Dexter, Pansy's brother, finding and recovering her, with the assistance of Singleton, a detective, otherwise known as Featherstone, an artist.

All the members of the cast are deserving of great credit for the way in which they handled their individual parts. Ed. Moore, as the Professor, and Georgia Congdon as Pansy, really showed unusual ability. Charles Clark, as the villain, Staples, and Lynn Miller, as Featherstone, were also very good, while Bert Haskins as Felix Simpkins kept the audience convulsed with laughter. The parts of the four girls to whom the Professor finds himself engaged, were very cleverly handled by Agnes Halland, Louise Doleshy, Mabel Piers, and Katherine Hathaway.

The others, Miss Childs, Paul Heath, John White, Ernest Hill, and Warden Wheeler, were all good in their respective parts. Perhaps too much credit cannot be given Prof. Arvold for the giving of his time and ability to making the play a success.

The opera house was crowded with students and town people and from the applause with which they rewarded the efforts of the amateur Thespians, all were well pleased. The play was very successful from a financial side also. The club's share of the proceeds was \$271.25.

After the performance, the cast, with a few invited guests, betook themselves to the Continental Cafe, where a fine six-course banquet was served.

BOARD OF TRUSTEES.

The College Board of Trustees held their regular monthly meeting in the board room last Wednesday. Those present at the meeting were B. N. Stone of LaMoure; James Radford of Warren; George P. Hollister of Fargo; N. D. Nelson of Mayville; J. P. Brodie of Dickinson, and John Bruegger of Williston. Several matters of considerable importance were discussed and arranged for at this time. A department of education was established with Prof. Weeks at its head, and an assistant was granted to the department of English and one to the department of mathematics. The plans for the new buildings to be erected next summer, including the horticultural greenhouses, the root cellar, and seed barn, were discussed. Plans were also made for the beginning of the work at the Williston sub-station.

The boys in the machine shop have produced a gyroscope with a 12-inch wheel. Its tendency to keep its plane of rotation is so strong that it takes a good hard push to move it. It got loose once and came near tearing things up.

Mr. Briden has been at work recently putting the model engines made by the students in the machine shop in running order, and he reports that they do very nicely.

The finishing hardware for the Engineering Building has at last arrived and the contractors are making every effort to get things into better shape.

The managers of the Junior Annual have become so arrogant that they carry the skin of a fleeced lamb around with them all the time.

Over one hundred subscriptions to the Junior Annual would seem to indicate that a good many people like picture books yet.

The man who put the cinders on the brick walk did more for his country than the man who decorated it last fall.

Young Harvey went to see his girl
Upon a Friday eve;
He ran into her other beau,
Then promptly took his leave.
Shakespeare, '08.

Not satisfied with having secured a ballot in the Athletic Association, the Minerva Club members are now trying to trim up the banking system.

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NAUGHTY CHILDREN.

There is nothing more pleasing to us "older folks" than to see the children have a good time. We were young once ourselves and had our own childish whims and fancies and played our own childish games. But we all dislike to see a disobedient or spoiled child. Now a spoiled child is one who has always had his own way and has been allowed to travel his own road until his wheels have become so accustomed to the ruts that he suffers a severe strain when obliged to depart therefrom. The ruts wear deeper year by year. Therefore the earlier in life the departure is made, the less severe the strain.

Alas, 'tis too true that "to spare the rod is to spoil the child." We have noticed with growing pain, this development of the spoiled child character in our wards, the Freshmen. We feel indeed that we are in part to blame in that we have been too lenient and placed too much confidence in their childish ability to take care of themselves. They are such innocent, playful youngsters that we have overlooked our duties as elder brothers until the rut has been cut quite deep, though not so deep but that an authoritative heave will start this clumsy vehicle of baby-like simplicity in the right direction.

It was without our permission and without having even sought our permission that these infants, in their juvenile longing to air their baby graces before the town and College, did procure as prominent a position as possible at the play, "The Professor's Predicament," and there make inexcusable minnies of themselves. We should, perhaps, apologize for our own unbrotherlike conduct in allowing these simple children the opportunity of appearing as simpletons before such an audience, but we shall not. We wish only to explain briefly how our little brothers nerved themselves up to this first public appearance, as the class of 1911, as given us in their confession.

There are a few girls in their ranks; timid, graceful, giggling creatures; who, of course, wished to attend the show. The dear boys, loving them all alike, gott their bashful pride and swelled heads together and devised a pleasing little scheme. The damsels' names were put in a hat and each lad blindly drew one, and then sought out his lass. We need not add that the first or even the

second drawing was not satisfactory, or how they traded and exchanged, or why it was that the same fellow who had asked a lady to accompany him, did not call for her, for we all know the changeable traits of the childish brain.

A. Soff Moore.

FLOUR BULLETIN.

Prof. Ladd is at present preparing a bulletin which will include the results of the investigations that have now been carried on for some time in the chemical department. This bulletin, when published, will doubtless be the most extensive publication now in the hands of the public as it includes a study of the wheat kernel, milling, and baking tests, together with chemical and gluten determinations of the flours. It will be of peculiar interest to the public as it deals very largely with a subject much discussed and of vital importance today, i. e., the relative merits of Durum flour as compared with that of other spring varieties of wheat.

Prof. Ladd is referee for the Official Association of Agricultural Chemists on cereal products and in connection with some interesting questions that have come to light Dr. Bassett is developing methods for the analysis and separation of the constituents of wheat and flour and study of the proteids of the Durum and standard flours.

IN THE CYCLONE.

Arrangements have been completed and the contract signed, by one of the most daring female acrobatic artists of the day, for the most sensational feats ever attempted by death defying performers, "The Dip of Death." In this "blood freezing" stunt, the daring little lady in her horseless wagon will be elevated to a height of twenty or thirty feet and at a given signal, go dashing down the steep incline, spring across the death gap, strike lightly on the upward incline, and glide gracefully into space, alighting safe and sound before a breathless audience.

Another "heart sickening" feat will be the tight rope walking by the giant John Halland. This prodigious mountain of human flesh and bone will skip gracefully over the tight wire as a spider glides across his web, and perform feats apparently impossible for a man of his enormous frame.

Among the monstrosities in the Cyclone is the Fat Man. This man of tremendous avoirdupois was born of average parents, but was nourished during his babyhood on (name withheld as we do not believe in free advertising) baby food and in his early childhood began the unnatural growth which has developed into his present elephantine proportions.

Also the Fat Woman who tips the scales at 440 pounds with her hat off, whose mammoth development is amazingly incomprehensible. And the Strong Man whose muscular body is like a huge derrick in its lifting ability. This human crane raises a 400-pound weight with as little exertion as John D. displays in raising the price of oil. He balances a 200-pound weight on the tip of one finger with the ease of a schoolboy rolling a cigarette.

PILLMIXERS PASS.

Forty-three Candidates Were Successful.

Out of a very large class of applicants, thirty of whom were A. C. students, that took the Pharmacy State Board examination at the College on Tuesday and Wednesday of last week, forty-three were successful. Of these twenty-two were given certificates as registered pharmacists and twenty-one as assistants. Of the happy candidates twenty-one were A. C. students whose names appear below:

Registered Pharmacists.

- G. S. Adams.
- H. J. Buggy.
- C. G. Barragy.
- J. J. Donahue.
- F. C. Malloy.
- Dr. J. W. Robinson.
- F. L. Sears.
- H. Van Woorhis.

Assistants.

- Edwin Bildin.
- G. A. Collard.
- Albert Crum.
- C. H. Hamilton.
- H. W. Nelson.
- W. L. Rinehart.
- Harry Couch.
- T. Erlendson.
- Harry Hewitt.
- J. S. Kelley.
- J. R. Leeper.
- Sam Russel.
- A. Peterson.

Besides the above there were two of our former students who were among the successful; Roy

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THE PENNY ARCADE Admission Free.

Cook was granted a certificate as registered pharmacist, and Dewitt Tufts as a registered assistant.

A very good showing was made by the special students considering that the course had lasted scarcely over six weeks. The next meeting of the board will be held at the College on the third Tuesday in June.

The Homesteaders will pay you if you get a leg broken or for twenty-one other accidents. It also pays life insurance and matures its policy.

AT THE GRAND.

The week of Feb. 18 is one that has been looked forward to for some time to see and hear some of the noted actors of a wide reputation, how they have played the star characters in all of the largest cities of the world, and now coming on the vaudeville stage for a rush and make good in a week's stand. Porter J. White, "Repressing the Visitor," is the only act of its kind on the vaudeville stage, and only by good luck of the management to have him stop in Fargo, will be a treat for the patrons of the house.

Porter J. White is only one act on the bill. Quinn Bros. in their one original Irish Comedy true to the Irish life, is a strong attraction, along with Wilson the bicyclist, and George Barrett the man that people go out to talk about, saying nothing of Elbie Hancen, the man that sings, and Prof. Rudd's union orchestra, will lead all comers in music in his new selection, and the laughable pictures will be a headline for the week.

JEFFERY'S BULLETIN.

Prof. J. A. Jeffery, for some years connected with the agricultural department of this College, now at the Michigan A. C., has recently prepared a bulletin for the common schools of that state on "An Elementary Study of Crops."

Prof. Rose is loyal to the A. C. Just look at the side door of his new house on Eleventh street.

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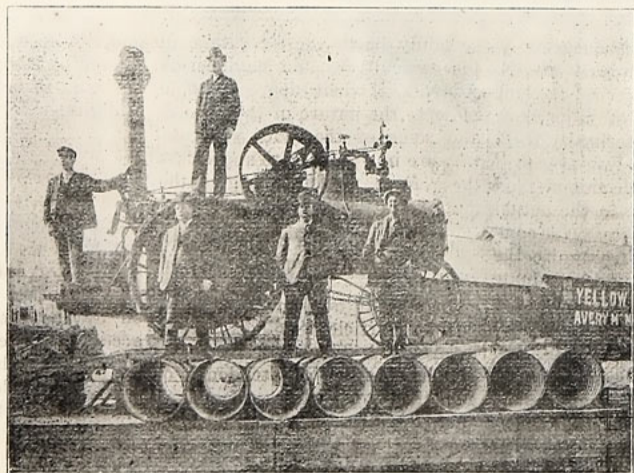
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The Weekly Spectrum

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D.
W. P. Heath.....Publisher

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CREDITS AND DEGREES.

It was only two or three years ago that our credit system was overhauled and reduced to what was supposed to be a more systematic standard. The changes made at that time were highly beneficial and were much appreciated by all the students who saw their advantages. In the last two or three years, however, conditions have changed materially and what was at that time highly satisfactory has lately shown a tendency to prove inadequate to meet the increased demands made upon it.

In the first place, the system in vogue at present, of cataloging the names of the students with a certain number of credits attached is, to the uninitiated, meaningless and confusing. One student is a Senior and has 32.2 credits. Another is a Junior and has 56.63; while still a third is but a lowly Sophomore and has 45.96 credits. The trouble is that no attempt is made to differentiate between College and preparatory credits, or between credits in courses leading to degrees and those two- or three-year courses of a special nature. A remedy for this would be to classify the names according to the department in which the student is taking his course, or better, yet, to divide the names under the heads of "College," including the five courses which are offered leading to degrees, and "academy," including the preparatory department, the farm husbandry course, the domestic science course, the teachers' course, and the two-year steam engineering and pharmacy courses; and then credit them accordingly.

Still another method would be to leave out the number of credits

entirely and insert instead the class and course to which the student belongs.

The present system of classification used in the annual catalogs of the College is very apt to misrepresent the facts in the case and for this reason might be considered as working an injustice to those students who are successfully carrying a regular undergraduate course. For instance, two students enter the school at the same time; one is a high school graduate and takes up his Freshman work in a regular course carrying such subjects as mathematics, English, and engineering, agriculture, or chemistry; while another, who has perhaps not even completed the equivalent of eighth grade work, may elect such subjects as grammar, spelling, penmanship, and book-keeping, typewriting or stenography. At the end of the year both students' names will very likely appear in the catalog with the same number of credits or the second student may even very possibly have the more, yet the difference in their grade of work would represent as much as four years of schooling. The catalog, however, would represent both students as having accomplished the same amount of the same or of similar grades of work. True, this would perhaps tend to create a good impression among the uninitiated as to the large number of students doing college work, but such an impression would be a false one. It is always the higher classman that is shown at disadvantage.

Another slight misrepresentation of the facts in the case might be cited in connection with the equivalent amounts of work required in the different courses leading to the B. S. degree. Our College grants only the one degree whether the student completes a course in science, Agriculture, Engineering or Chemistry, and takes on account of the difference in the work required.

For instance, in the General Science Course there are, of the fifty College credits necessary for a degree, but twenty-seven required subjects, while the remaining twenty-three are elective. This allows the general science students to complete his twenty-seven credits and then take just enough work more to complete the fifty, while he has another advantage from the fact that he may have received enough honor credits to account for from five to ten of these electives. For these electives he chooses only such subjects as may suit his fancy, which may or may not require close application and study outside of the one hour a day spent in the classroom. In the Agricultural course about forty to forty-five of the fifty credits are required work and in Engineering the number of electives is not over five. The required subjects of both these courses are of a technical nature, and demand a large amount of study and preparation outside the classroom. When it comes to graduation the General Science student can make a creditable showing with but fifty credits, five or ten of which may be purely honorary, while the engineering and agricultural students, who, by the time they have completed their required work generally have accumulated from five to fifteen honor credits, cannot graduate until they have successfully completed every subject required.

It would be impossible, considering the diversity of the subjects in these courses, to put them on anything like an equal footing as to the actual amount of work necessary for completion, but it would be easily possible, and it seems to us only just, to incorporate into the degree conferred some intimation of the course pursued.

At almost all of the more important state institutions granting a B. S. degree, the course is also specified by adding the initials of that course in which the degree was taken; i. e., a student completing a course in Agriculture would re-

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WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE

WINTER SHORT COURSES BEGIN JANUARY 2.



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ceive the degree of "Bachelor of Science in Agriculture" (B. S. A.), or an engineering student that of "Bachelor of Science in Mechanical Engineering" (B. S. M. E.), or in "Civil Engineering" (B. S. C. E.). While this method makes no difference in the actual amount of work necessary for completing it does not recognize the students' excess of undergraduate work relative to the student whose degree reads simply "Bachelor of Science."

There has lately been some suggestion that in the engineering courses, the College should give the degrees of M. E. and C. E., but this does not seem advisable inasmuch as these degrees are conferred, at different schools in the country, for work ranging from three to six years. The B. S., on the other hand, shows that a student has completed at least four years of regular undergraduate work.

It is always easy to pick flaws in a certain system, but to suggest a better one is not so light a task. We think, however, that it would

certainly be to the advantage of the agricultural and engineering students, if their degrees should indicate the nature of their work, and some of the older students, who are in a position to appreciate these facts, might well give the matter a little thought.

ATHLETICS.

In the Outlook for Feb. 15 appears an article, "College Athletics Again." This article shows in striking manner the tendency of athletics in our colleges. Too much stress is placed on the idea of a winning team and making a big show at the contests. A team, according to the prevailing idea, should be able to defeat every like team within a radius of several hundred miles. If athletics are for the advertisement of the various institutions and not for the development of the weaker students of the colleges, this may be advisable. However that is neither the true purpose nor the best use of athletics. The example of Wil-

liams College should be well considered by every thinking individual who is interested in college athletics.

HELP IT ALONG.

If, now, it is believed that it will be better for the students of the A. C. to form a new literary society for the preparatory students, the first action must be taken by the present societies. To accomplish the end sought, both the Philomathian and Athenian societies should amend their respective constitutions so that only college students, i. e., those classified as freshmen or higher, are eligible for membership. If the new society is to be successful it can only be so through the support and co-operation of the present societies.

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SPORTING

BASKETBALL.

The teams are still keeping constantly at practice preparing more than ever for the season's finish. Not much out of the ordinary has occurred at the gym lately, save for the occasional absence of some members of the team. Quarantine has prevented Allen Clark from regular practice for over a week, but he is again able to glide over the floor as swiftly as ever. "Red" Arnold is proving a wonder at center. Lough is again at the game after spending several days with a bad attack of grip. Tom is improving in endurance and also is fast becoming an expert at basket shooting. Darrow and Ueland are both in the game now, but both have been absent for a while on account of sprains and a slight tussel with the grip. Hilborn, Hofus and Frank Darrow are there with the goods and playing good ball. Vincent Anderson, who played a star game at St. John's is suffering from a bruised finger.

The girls' team is not losing any opportunity for practice, and are improving in basket shooting and team work. Under the training of Coach Dobie there will be one of the best girls' basketball teams that has ever been produced at the A. C. There is one remark that might fit well in speaking of girls' basketball, that is as long as the game is played at the A. C., why not have all the girls that can possibly spare the time, to at least participate in the practice. It will be a help to the players who represent the College in the intercollegiate games. They need the best practice possible, and this can only be given by having the strongest and swiftest girls to play against while practicing. We have more games to play this season yet and need the cooperation of every loyal student, both in practice and at the games.

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SLEIGHING PARTY.
A party of about twenty College young people, chaperoned by Miss Childs, enjoyed a delightful sleigh ride last Saturday evening. The party left the College at 8 o'clock and a complete tour of the two cities was made. The evening was an ideal one and the air was made to ring with College songs and yells intermingled with the sound of the sleighbells. At 10 o'clock the ride ended at Francis Hall where an oyster stew was partaken of. All present report an excellent time.

Miss Childs spoke at the Farmers' institute held at Casselton last Saturday, and with the assistance of some of the women there, who are interested in Domestic Science, prepared a whole dinner, as a demonstration.

Miss Magill is ill for a few days and her brother is taking charge of her classes in her absence.

Prof. Shepperd was one of the speakers at the Casselton Farmers' Institute last Saturday.

Mr. Montgomery of Grafton visited Irving Phelps at the College on Monday.

CO. "B" GOT THE COLORS.

At battalion parade last Friday Company "B" passed the best inspection and was designated as the color company for this week. At parade, however, "B" got rather badly tangled up while Company "A" went through smoothly enough. Company "B" is somewhat new on parade as yet, and may possibly make a much better showing with a little more experience.

These weekly battalion maneuvers will be continued from now on, and indoor target practice has been substituted for drill on alternate Tuesdays and Thursdays. Company "B" will have its first practice today.

BIG EVENT.

(Continued from Page 1.)

winners, are here again this year and intend to compete this winter.

The following is a list of regular and special prizes offered for proficiency in stock judging this year:

Regular Prizes.

1. A gold medal donated by the Board of Trustees to the student in the advanced class most proficient in judging all classes of live stock, but does not become the property of the student unless won a second time.
2. A silver cup is awarded to the student of the advanced class that wins second position in judging all classes. This cup is donated annually by Prof. Shepperd.
3. A silver cup donated by Prof. Richards will be awarded to the first year student most proficient in judging all classes of animals, which becomes the permanent property of the student on condition that it is won a second time.

Special Prizes.

1. A pure bred Poland China gilt donated by Mr. S. Fletcher, Matteson, N. D., will be awarded to the student in either class showing the greatest proficiency in judging beef cattle.
2. A pure bred Chester White gilt donated by the Division of Animal Husbandry will be awarded to the students of either class, showing the greatest proficiency in judging swine.
3. A Plymouth Rock Cockerel donated by the Division of Poultry will be awarded to the student showing the greatest proficiency in judging dairy cattle.
4. A fob donated by the Zenner Disinfectant Co., will be awarded to the student showing the greatest proficiency in judging sheep.

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PROFS. SLOCUM AND BECKWITH DISCUSS WATER SUPPLY.

On Tuesday the Commercial Club of the city sent an invitation to Prof. Slocum and Prof. Beckwith to speak before that association on the water supply problem.

Prof. Beckwith spoke on the different filtration systems giving their advantages and disadvantages, without any attempt to influence the club in favor of any one system. He also made comparisons of the water which might be used by the different means.

Prof. Slocum made comparisons of the different projects and attempted to point out in an unbiased manner as possible the drawbacks and advantages which each had and also to give the club some idea of the cost of each. In this connection he called to the attention of the members the fact that if a pipe line from Lake Cormorant was installed it would not only be necessary to make it large enough to supply the city with water now, but to supply it with water forty years hence. In order to do that it would cost nearly \$2,000,000 for the thirty-two miles. He also pointed out the fact that if the water from the Sheyenne were used, the drainage area of that river would have to be protected from contamination and an eight-inch pipe line put in to carry the water. That if the artesian wells in Minnesota were used there would have to be an eighteen-mile pipe line installed, and that there was a constant uncertainty as to the permanence of the supply.

Both these men have had wide experience in this line of work and were able to make comparisons of the results obtained in different places by the several methods proposed.

When interviewed later Prof. Slocum said: "There seems to be an erroneous idea of the difference between a mechanical and a sand filter. In reality they are both sand filters and if one is more mechanical than the other it is the one called the 'sand' filter, for when that one is to be cleaned it is accomplished by scraping about a half inch of the dirty sand off the top by a mechanical contrivance, while the 'mechanical'

filter is cleaned by shutting off the outlet for a time and forcing the clean water back through the sand the opposite way from which it came, and wasting this water."

NEW BOOKS.

The following books appear on the shelves of the library for engineering reference work:

- Retaining Walls for Earth—Howe.
- Graphic Statics, with Application to Trusses, Beams and Arches—Sondericker.
- Treatise on Concrete, Plain and Reinforced—Taylor and Thompson.
- Civil Engineer's Pocket Book—Trautwine.
- Text Book on Roofs and Bridges, Parts II and III—Merriman & Jacoby.
- Specifications for Steel Bridges—Waddell.
- Treatise on Hydraulics—Bovey.
- Treatise on Masonry Construction—Baker.
- Modern Asphalt Pavements—Richardson.
- Hydraulic Cement—Spalding.
- Economics of Railroad Construction—Webb.
- Symmetrical Masonry Arches—Howe.
- Free-Hand Lettering—Wilson.
- Hand-book of Cost Data—Gillette.
- Steel Mill Buildings—Ketchum.
- Retaining Walls, Bins, etc.—Ketchum.
- Engineering Works in Small Towns and Cities—McCullough.
- American Railways as Investments—Snyder.
- Railroad Location, Surveys and Estimates—Lavis.
- Field System—Gilbreth.
- Railroad Track and Track Work—Trotman.
- Principles of Reinforced Concrete Construction—Turneaure & Maurer.
- Water-Works Management and Maintenance—Hubberd and Kierstad.
- Design and Construction of Dams—Wegman.
- Roofs and Bridges—Merriman & Jacoby.
- Theory and Practice of Surveying—Johnson.
- Engineering for Land Drainage—Elliott.
- Railroad Curves and Earthwork—Allen.

Principles and Practice of Plumbing—Cosgrove.

GREAT POLITICAL RALLY.

Feb 18, 19, 20 and 21—Chapel at 3:30 P. M. Each Day.

The most distinguished candidates for the presidency will be present to speak. Music will be furnished by the Robins. County Chairmen Miller and McQuinn will introduce the gentlemen. Following is a list of those who will speak:

Thursday, Feb. 8.

- Music—Marching Through Georgia, Robins.
- William J. Bryan alias Magill.
- J. Folks alias Michels.
- Henry Watterson alias Narrl.
- Music—Wait for the Wagon, Robins.
- John Johnson alias Thysell.

Wednesday, Feb. 19.

- Music—Red, White and Blue, Robins.
- Governor Hughes alias Lanxon.
- Robert M. LaFollete alias Willard.
- Music—Battle Hymn of the Republic, Robins.
- W. H. Taft alias Nemzek.

Thursday, Feb. 20.

- Music—Quartette, Robins.
- George B. Cortelyou alias Babcock.
- Vice President Fairbanks, alias Trayner.
- Music—Quartette, Robins.
- J. G. Cannon alias Hennis.
- J. B. Foraker alias Baernstein.

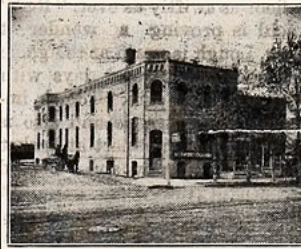
Friday, Feb. 21.

- Music—Quartette, Robins.
- Woodrow Wilson alias A. Thomas.
- Judge Gray alias A. Murphy.
- New York Political Campaign.
- The Hearst and Hughes Debate—Whitcomb and Lanxon.
- T. Roosevelt—M. Keeney.
- Music—America, Robins.
- This most interesting program will be given by the class in public speaking and will be both instructive and entertaining, not only to the class, but also to those who come to listen as the views expressed will be those held by the acknowledged candidates in the presidential race. Everybody is invited to be present during the four days of the convention.

CHAPEL FEB. 24.

As no special exercises will be held on Washington's birthday, a special service has been arranged for Chapel next Monday. Mr. Treadwell Twichell, Speaker of the House, and a prominent farmer of Casselton, will deliver the address on this occasion.

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MYSTERIOUS INDIA.

The Pharmaceutical Club has leased an allotment from the management of the Cyclone for their mammoth presentation of "Mysterious India." This immense mystical exhibit will contain the greatest magical illusion and hypnotical manifestation ever unfurled before the human eye. Every awe-inspiring delusion ever shown or anticipated by a practitioner of the "black art" will appear, in comparison with these, like adulterated food products before the chemist.

Dr. Brown has become a stockholder in the Cyclone and will put on exhibition in "Mysterious India" the only living specimen of its kind in existence, a "Dead Mummy Smoking."

ENGINEERS WIN.

From Fargo Seconds.

In a nice clean game of basketball the Engineers won, by a score of twenty-two to fourteen, from the Fargo College second team last Thursday evening.

The Engineers were in the lead most of the time, but the game was very close and the result was doubtful until near the end of the second half. The small bunch of rooters for each faction were

alternately hopeful and depressed. Coach Kaumbach, of the High School, and S. V. Anderson, were the officials.

PROF. THOMPSON IS TO BE CHIEF CHEMIST.

Goes to the Delaware A. C. Next June.

Prof. Firman Thompson, of the department of chemistry, has given the College an unpleasant surprise by handing in his resignation from the station staff, and declaring his intention of leaving the first of next June to accept the position of chief chemist of the experimental station of the Delaware Agricultural College. This offer has come to Prof. Thompson in recognition of his excellent work and wide experience in the past, and although he has been at the College but a short time, he has initiated some valuable work in the soil laboratory and awakened interest in the subject among his students. In spite of the fact that we regret exceedingly that Prof. Thompson is leaving us, we extend our heartiest congratulations on his promotion.

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PERSONAL

Miss Theresa Nelson, daughter of Trustee Nelson of Mayville, was a visitor at College Thursday.

Ross Farnham was a visitor at College last week.

Dewitte Tufts, a former student took the pharmacy exams. last week.

Prof. Willard has recovered after a serious attack of the grippe.

Miss Jessie Thompson, formerly of the class of '09, is a pleasant visitor at College.

Prof. E. E. Kaufman, formerly superintendent of Farmers' Institutes in this state, who last year found it necessary to leave for Arizona on account of his health, is recovering rapidly. He is located at present at Phoenix where he is government statistician for Arizona and New Mexico.

Mr. B. F. Bangs, superintendent of the Deaf and Dumb School, Devils Lake, was a Colloge visitor Saturday. He was consulting Mr. Tibert in regard to plans for a root cellar.

Mr. Bailey, an old schoolmate of Prof. Arvold's, visited at the College last week.

Mr. Arnold missed the train to Wahpeton and did not get there until after the game was over.

Messrs. Berg and Ryan are under quarantine, suffering mild attacks of smallpox.

Mr. Irving Phelps accompanied the basketball team to Wahpeton last Saturday.

SEE THE SAWS.

Mr. Tibert has just received a consignment of samples from H. Disston and Sons, showing the different operations in the manufacture of saws. The set of samples illustrates the five stages in the process, namely: First, sheet of soft steel sheared to shape, with teeth cut in. Second, the same blade hardened. Third, the same blade tempered. Fourth, the same blade ground thinner on the back and on the cutting edge. Fifth, the same blade polished, stamped with the maker's name, teeth filed and set, and handle adjusted. These samples will make a valuable object lesson on the evolution of the handsaw and should prove interesting to all the students in the wood shop.

HARD TO REFUTE.

The class in debate and argumentation have had to do a lot of thinking lately. Among some of the things they have had to do was to prove the fallacy of statements like the following: "Kipling is not a great poet because all the great poets are dead;" "Night is the cause of day because it precedes it."

BABY SHOW.

Beautiful, bouncing babies; tiny, toylke types of humanity; fearless, frolicsome favorites will be exhibited at the Baby Show. The faculty wives have consented to take charge of this branch of the Cyclone, and many entries have already been made.

VISIT THE

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Respectfully,
Mattie Jones,
Glyndon, Minn.

Students don't seem to have the same opinion of some schools as the proprietors do themselves.

HER BROTHER.

Conductor (to student)—Do you see that girl in the front of the car? Well, I think she is trying to beat me out of a fare. I ain't sure she did not pay me. She looks to me like a girl who would be glad to stir up a fuss. I can pick 'em out as far as I can see 'em. You never saw a woman with a face like that who is not trying to bluff on her face anywhere. Wish I knew whether she paid her fare.

Student—I would not worry about it. I paid the girl's fare some time ago. She's my sister.

TEACHERS WANTED.

Any member of the Senior class who expects to teach next year, is invited to call at Prof. McArdle's office. He has a position which may be of interest to you.

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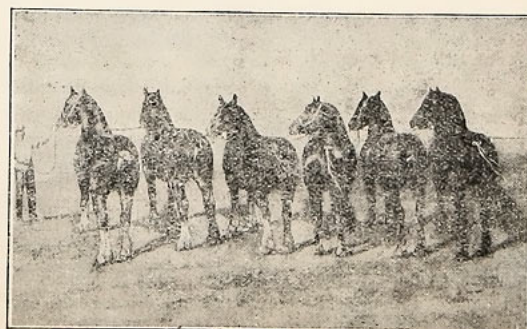
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(Continued from Page 1.)

ment gave him the quiet dignity and self-reliance of a man destined to guide a nation through a great crisis.

Lincoln, as America's foremost patriot, was an exponent of the principle of respect for law. It is said that Americans are lacking, generally, in this respect. It may be true that we have unwise laws on our statute books, but that does not furnish any excuse for violating them. Wherever there is a wrong there is a remedy and in this case we should use our influence to have placed upon the statute books such laws as are just and equitable and have those removed that are not.

Today we are enjoying the blessings of prosperity gained by our forefathers, who braved the perils of an unknown land, purchased their freedom from tyranny with their own blood in the wars of the revolution and rebellion. Remembering what has been done for us should we not do our part to preserve freedom? We can do this in no better way than by thinking of Abraham Lincoln, the ideal patriot, and asking, "What would he do?"

TO DETECT CRIME.

During the middle ages it was customary to force an accused person to confess his crime by torture. The psychologist has a method for causing confession of crime which is an improvement on the medieval system.

The principle used is that of the association of ideas. Few are familiar with the fact that one thought calls up another; one word brings to mind another. It is on the hypothesis that one idea calls to mind another and a certain time is required for the association and expression, that the test is made.

Electrical apparatus has been devised whereby the time may be determined between the expression of a given idea and the associated idea. It has been found by experiment that it requires a certain time in each mind for association to take place. For the association of such simple words as "heat" for "cold," "thief" for "burglar," etc., the average time is perhaps from one to two seconds. In dull-minded people the

time is longer and in quick-minded it is shorter.

Suppose a man denies his guilt of murder. The psychologist gives him a list of words for which the murderer gives associated words and the average time is found. Then a list of 100 words is given among which are 25 or 30 words directly connected with the crime. Suppose "choking" brings up "strangling" or "rope," "hanging" in the mind of the criminal. These associated ideas will not be spoken by the man for he will immediately see that the connection with the crime will be apparent. He, therefore, takes more time to get another. The shock of the associated idea may have an effect on the following words for he will then be looking for catch words and will therefore take more time. The associated idea will be scrutinized before it will be uttered, and this takes time.

A boy was suspected of robbing his uncle of small amounts of money. When the test was applied by a physician, ostensibly to test the nerves, the boy associated "green" — "blue," "wool" — "cloth," and the like in 1.6 seconds. But such ones as "theft," "police," "jail," "penitentiary," etc., from 3.6 to 4.2 seconds was the time required. When the word "theft" occurred again in the list the associated "police" came in 1.8 seconds, but the mental shock was so great that the next common one, "cook" — "kitchen" required 20 seconds. From the interpretation of the results the physician was able to make such definite accusations that the boy confessed to the theft at once.

A similar experiment is said to have been tried on the self-confessed murderer, Harry Orchard, tending to show that his confession is sincere. It is stated that the results of a large number of tests of his association activities show that he is sincere in his present position.

Such methods will eventually take the place of the more cruel practices and with far better results as it is known that torture has often forced a false confession.

THE OLD SILVER DOLLAR.

How dear to our hearts is the old silver dollar, when some kind subscriber presents it to view—the liberty head without necktie or collar, and all the strange things that to us seem so new; the wide spreading eagle, the arrows below it, the stars and the words with the strange things they tell. The coin of our fathers! We're glad that we know it, for sometime or other 'twill come in right well—the spread eagle dollar, the star spangled dollar, the old silver dollar we all love so well.—Masonic Journal.

MRS. WHITE SPOKE.

Last evening the ladies of Fargo were pleasantly entertained at the College Chapel. Mrs. White, wife of ex-Governor White, spoke on the subject of "Civic Improvement." Miss Rumball of the Moorhead Normal gave very interesting readings. Refreshments were served.

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Death threatens him who meddles with the fence in the engine room now. There's a sign up.

At the Professor's Predicament—Who is the villain?
The man who wrote the play.

The epidemic of photography is about over, but the smallpox scare remains.

The committee on candidates for graduation got busy and some of the Seniors cut down the width of their smiles.

"It is often better to think what you say than to say what you think."

Several people are looking for the "original package" after testing the punch at the Officers' Hop.

Prof. Householder was very nervous last Saturday night when he took it upon himself to sing tenor at the Agricultural Club.

FIRST BOOK OF THE KIND.

The College is in receipt of a copy of the first book published in the United States on Farm Machinery and Farm Mechanics, which was recently launched by Prof. Davidson of Iowa State College, and Prof. Chase of the University of Nebraska. This is a distinct step in advance, as heretofore it has been necessary to present the subject in lecture form on account of the lack of a text covering the ground. In all probability the new book will be adopted as a text book by the College.

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