anyway? J. B. STEVENS.

ask: Are our heads made of wood ? Where are we at 4,000 this year to get the same amount of money; but has 2,000 bushels but can only sell 1,000 at 15 cents or year and had about enough, so that if a farmer had large crop of potatoes, and the sentiment obtains that 8 cents, sweet corn at 2 cents, cabbages at 4.50 per ton, tumbling over each other trying to market tomatoes at 1,000 bushels last year he would get $750, this year he is certainly worth 5 cents per bushel, which, added to Well, let us see, 6,000 bushels at 25 cents would give $1,540. Would it not be worth a trial? But some one

the $1,500 would make $1,800, still a gain of $840. A suitable market place with store-room, refrigerator

a temperature of 95° with a low humidity is informed that the temperature is but 85°, when accord­

persuasion causes the sweat to issue from every pore; the

itself: fastened on rear part of the bedframe just under the

stimulus of self preservation calls for organization for the

one may speedily rind favor. The example of Nicola Tesla has particular force

mechanical engineering a little more is necessary than a

The example of Nicola Tesla has particular force with our Mr. Barnay, for they are fellow countrymen,

I wish to refer, before closing this article, to Mr.

mechanical engineers is building one of the best machines of this type. Extensive

in the province of the mechanical course of this college to im­

therefore; he used it in determining the tempera­

part of the contents of the tube is made, while at a con­

consider almost incalculable. Let every mechanical

It is in working amidst such surroundings that we are

the renewed energy on my return.

to increase production, but how to market better that

and feed them out.

The farmers of this state have been quite successful in getting your pay the next night when you deliver

with our Mr. Barnay, for they are fellow countrymen, and the enviable position he now holds, his life affords a

and where the circulation of the air is entirely

For instance moisture in the air. In warm weather the greater the

A suitable market place with store-room, refrigerator

the designer's ingenuity? and elevator would in time need to be provided, charg­

in the market take home your share of what does not sell

and elevator would in time need to be provided, charg­

which are so productive of errors, shall take place

the renewed energy on my return.

college and working his way independently up to fame

about such exhibitions of the designer's ingenuity?

whether it be in the heart of a good city, or in the

face of such exhibitions of the designer's ingenuity?

some effect certainly worth our particular attention or to discover

of 212°F which obtains at New York City. Stanley, the

spreading out finished bicycle hubs made from a

fastened on rear part of the bedframe just under the

moral pressure is necessary because the boiling

which we already produce. The only remedy for the

If one may speak of the power of the operator he is many times multiplied. The

have been able to sell. During the winter each grower

A suitable market place with store-room, refrigerator

are matters of sentiment. Reports come in that we have raised a very

reflected rays of the sun and the radiation to

power of the operator is many times multiplied. The

months of study and where the renewed energy on my return.

after the freezing and boiling points are fixed on the

After the thermometer has been laid away for about

Some time ago our office was visited by a gentleman who brought with him a thermometer and asked that it

the cold. Without a thermometer there is no way to

about 3,000 pieces have been turned out by the machine.

the stock from three sides, while permitting six

our Mr. Barnay, for they are fellow countrymen, and the enviable position he now holds, his life affords a

In the summer the operator has to prevent the stock from

to the boil­ing point of air at sea level. But how is the

the machine has automatic feed, with automatic stop, and

south, the worst the weather bureau has been for a

mechanical course of this college to im­

freezing and boiling points are fixed on the

after the thermometer has been laid away for about

one of the weather bureau thermometers, or the barometer, is

of 212°F which obtains at New York City. Stanley, the

I wish to refer, before closing this article, to Mr.

the operator is many times multiplied. The

the air is entirely unobstructed. They should not be placed simply in the

power of the operator is many times multiplied. The

some effect certainly worth our particular attention or to discover

to discover any deficiencies in our knowledge of mechanical matters

If one may speak of the power of the operator he is many times multiplied. The

the renewed energy on my return.

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the Renewed energy on my return.

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the operator is many times multiplied. The

The example of Nicola Tesla has particular force with our Mr. Barnay, for they are fellow countrymen, both being natives of Buda Pesth.—En.
THE M. A. C. RECORD.

APRIL 7, 1896.

The M. A. C. Record.

The MICHIGAN AGRICULTURAL COLLEGE, is it difficult to comprehend full the details of machines be acquired by direct examination of machines. Not only in engineering practice, it is customary in the many engineering schools to supplement the regular work by visits of inspection to prominent engineering establishments in various parts of the country.

While we at M. A. C. are particularly fortunate in regard to machine equipments, also in the privileges regard to machine equipments, also in the privileges of the day by prominent men throughout the state.

The Bachelors have inaugurated after-dinner entertainments, which are to be continued on Saturday evenings. On the evening of March 28 the following program was rendered: Piano solo, Miss Brush; "The College Now and Twenty Years Ago," A. A. Crouser; "Debate on the Question, 'Wisconsin should be made a National Republic.'" The next evening warm supper was served. The next entertainment will occur on the evening of April 11.

NEWS FROM GRADUATES AND STUDENTS.

John Whitten, '97, is studying law in Lansing.

E. A. Hayden, with '94, is now teaching at Helena, Mont.

W. G. Merritt, with '93, is doing chemical work at Lewistown, Pa.

Miss Grace Fuller, '91, called at M. A. C. last Thursday.

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Dr. Grange went to Traverse City last Friday, returning for purpose of inspection. We believe, for instance, all mechanical students will appreciate the privilege of working in the workshops of this fine institution.

The Republicans have inaugurated after-dinner entertainments, which are to be continued on Saturday evenings. On the evening of March 28 the following program was rendered: Piano solo, Miss Brush; "The College Now and Twenty Years Ago," A. A. Crouser; "Debate on the Question, 'Wisconsin should be made a National Republic.'" The next evening warm supper was served. The next entertainment will occur on the evening of April 11.

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The COOK ARCTIC EXPEDITION.

B. O. LONGYEAR.

Mr. S. P. Orth, of Oberlin College and formerly a student at M. A. C., gave a personal account of this expedition in the chapel, Friday, evening, on the Cook Arctic Expedition. Mr. Orth went as botanist to this expedition and returns with information on a very entertaining subject. The lecture was well illustrated by stereoscopic views taken on the trip and saved from the wreck.

This expedition was organized to do as much work as possible in one season in making surveys and scientific collections in botany, zoology, geology, etc. The company was composed of thirty men, the largest expedition that had ever left the United States, and their object was the first iron vessel ever used in Arctic exploration.

The expedition started north in the spring of 1894, and it met severe storms and storms in the course of two months.

The expedition was met on the coast of Labrador and after again returning to St. John's the vessel continued for Greenland. The expedition left Greenland and at St. John's the party made a short inland excursion, finding game, and especially mosquitoes plentiful.

Starting north the vessel struck a sunken reef and was forced to return to harbor, being able only by working the pumps. The ship was compelled to wait here for help while the members of the company made expeditions. A fishing schooner finally came to their aid and they endeavored to cross the straits but lost the Miranda during a heavy sea. The schooner finally gave up the search and a large vessel carried the party onto the coast of Labrador and after again returning to St. John's the vessel continued for Greenland. The expedition left Greenland and at St. John's the party made a short inland excursion, finding game, and especially mosquitoes plentiful.

Mr. Orth said interesting things concerning the hopeless condition of the

1906.

THE M. A. C. RECORD.

There was never a word of fault found with his work in this department, either by officers or hungry privates. His faithfulness in his duties earned him promotion to second lieutenant of company G; this position gave him more leisure and I saw more of him than before. He became a most excellent drill master. We did not fail while setting a redoubt at Gettysburg, but was shot and instantly killed while we were maintaining a difficult line of battle which was almost impregnable. The situation of the rebels was one of the most exciting I have ever seen. They were under the command of General Longstreet, and was probably the last person that engaged him in friendly conversation. I found him reading his Bible and a look of eternal peace in the eyes of the enemy filling through the timber and preparing for the advance. We said "good-bye" and I returned to my post and soon came the shouting rebels and poor Dickey, shot, and I, wounded, was finding my way to the rear.

Two years ago I was at Gettysburg and visited his grave in the soldier's national monument. I am, respectfully,

Geo. W. HARDY, with '92.

AGRICULTURAL COLLEGE, March 23, 1896.

To the Editor:

In the winter of 1895-96 I was in Lansing, the first reunion of the Central Michigan Agricultural College Alumni Association. Whether this association died on account of its long name or from some other cause, has not appeared to me clearly. By the advice and consent of John J. Bush, '94, the president elect for the second reunion, and Jamie J. Dickey, '94, the secretary elected for the same meeting, I am authorized to turn over the small balance in the treasury to the Alumni Association of this college.

The amount was $8.31.

At the meeting of the association there was an unpaid bill due the treasurer of $6.50. This would leave a balance of $28.21 to this I put in interest (approximately correct), $3.00, making a sum of $5.81.

To the Alumni Association of Central Michigan Agricultural College, March 23, 1896.

W. J. BEAL.

SHARE OF WHEAT FLOUR.

R. C. KEEDER.

A writer in a recent number of the Journal of Hygiene advocated the breeding of wheats to secure a variety which would be so rich in albuminous as to be a complete food in itself, and require no addition of meal and other foods rich in nutritious material to completely nourish the human body. No such wheat is known, but Mr. W. J. Beal, of the Department of Agriculture, D. C., has just announced that he has succeeded in raising a wheat which is free from all other grains to any perceptible extent, and is free from all other seeds or from any other causes, which will make it a valuable food, on account of its long name or from some other cause, has not appeared to me clearly. By the advice and consent of John J. Bush, '94, the president elect for the second reunion, and Jamie J. Dickey, '94, the secretary elected for the same meeting, I am authorized to turn over the small balance in the treasury to the Alumni Association of this college. The amount was $8.31.

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been out of its banks. The next high water will be watched with intense interest by all residents of the delta and should be of interest to all residents of the Mississippi valley. Owing to the compaction of levees on the western side, thus protecting immense areas in Arkansas and Missouri, the water will be confined as it never has been before. Instead of spreading back to the foot-hills on each side, it will be confined by the levees of each side, which will not average more than two miles from the river. Some argue that this confinement will raise the flood height so that much of the levee system will be destroyed, while others claim that the increased velocity due to the confinement will scour out the river bed and thus aid navigation interests as well as lessen future danger from overflows. Still others maintain that the river bed is gradually filling up and that the levees will have to be gradually raised until their maintenance will be so costly as to be prohibitive. Nearly all engineers, government and local, are not increasing the levee height, but are strengthening their lines and waiting for the verdict that will be rendered when the next high water occurs.

SMOKE RECORD.—The writer recently received a "marked copy" of the Electrical Engineer containing an account of tests made by B. R. T. Collins, a former classmate, of two types of smoke preventing furnaces located at the Harrison street station of the Chicago Edison Co. Undoubtedly the results of these tests will be of interest to all residents of the Campus, as the writer has heard many express a desire that the prevention of smoke nuisance should be undertaken at the college boiler house. We wish, however, to call particular attention to one feature of the tests, namely, the "smoke record," which was kept by means of instantaneous photographs taken at fifteen-minute intervals throughout each test by the official photographer of the Edison Company.

College Lands

There are some Fine Timbered and Farming Lands

Belonging to the Agricultural College which have lately been put on the Market

They are Located in the Counties of Manistee, Wexford, Benzie, Antrim, Kalkaska, Missaukee, Charlevoix, Osage, Cheboygan

And a fine tract in Montmorency County will also be on sale very soon. Many of these lands are covered with Nice Hardwood Timber

And a large portion of them are GOOD FARMING LANDS

Portions are within short distance of thriving towns and near railroads stations. They have lately been purchased from the United States Government and the Levee Boards, and are taken as a bond for the income of the lands. The grounds are first

NATURAL SCIENCES

CHEMISTRY

PHYSICS

BOTANY

AND MATHEMATICS

Are taught with special reference to Agriculture and the

day affairs of life.

FOR CATALOGUE ADDRESS,