

How We Do It Today.

"In olden times we took a car
Drawn by a horse if going far,
And felt that we were blest;
Now the conductor takes the fare
And sticks a broomstick in the air
And lightning does the rest.

"In other days along the street,
A glimmering lantern led the feet
When on a midnight stroll;
But now we catch, when night is nigh,
A piece of lightning from the sky,
And stick it on a pole.

"Time was when one must hold his ear
Close to a whispering voice to hear,
Like deaf men—nigh and nigher;
But now from town to town he talks
And puts his nose into a box
And whispers through a wire."
—*Science and Industry.*

1895 Class Meeting.

A special meeting of the class of '95 was called to order on the evening of March 1st at Fritz Reuter's Cafe, Washington, D. C., President G. L. Stewart in the chair. The first business was a discussion of the oysters that had been laid on the table. The molluscs were referred to the committee of inner men. Mr. H. W. Lawson's motion to serve the halibut was carried unanimously, as were also the motions of Mr. M. G. Kains to masticate the roast beef and of Mr. J. S. Mitchell to wrestle with the turkey. Mr. C. B. Smith, '94, was then elected as a member *pro tem*. Under the head of mutual criticisms the class of '95 was spoken of and lauded in choice superlatives by all except Mr. Smith, who was derisive. This gentleman was subsequently suspended indefinitely for toasting the class of '94 and jeering at the superiority of the class of '95.

The business of the session being over the meeting was adjourned to the New National Theatre, where Mr. Henry Miller was playing "The Only Way," a dramatization of Dickens' Tale of Two Cities.

M. G. K.

A Good Substitute.

Last Wednesday morning, our Puerto Rican student, Mr. Louis Quevedo, left the college for good. He expects to stay in Baltimore with his uncle until next September, and then go to Ann Arbor to study medicine. The college people will remember him with pleasure.

However, the night before his departure he was replaced by a Cuban student, Mr. Antonio Aguilar Borrero. He is native of Puerto Principe de Cuba, but comes directly from New York, where he spent five weeks with his friends. He was a locomotive engineer previous to the war, and was a captain in the Cuban army. He came here through the Cuban-American Educational Association. He intends to become a mechanical engineer. His knowledge of English is very slight; however, taking into consideration the short time he has been in the United States he is doing very well. He seems to be good-natured and warm-hearted. God speed to both of these young men.

A. G. B.

Athletic Notes.

A number of the base ball candidates have remained at College through the vacation and have taken advantage of the fact to practice in the armory every afternoon.

All base ball candidates will meet in the armory Tuesday afternoon at 4 o'clock. Those who desire to enter training for any of the runs will meet in the armory Tuesday afternoon at 4:30 o'clock. All wrestlers and track men who have already qualified for the track team by the preliminary contest will meet in the office of the physical director Tuesday afternoon at 5 o'clock.

There is great opportunity in all the runs for any who wish to enter, as no intercollegiate winner in these events is to participate this spring. If you were a good runner or jumper at home or school, come around and enter for practice, you may be a "dark horse."

The faculty has approved the following base-ball schedule for the spring term: April 14, M. A. C. at Kalamazoo; April 21, M. A. C. at Hillsdale; April 28, D. A. C. at M. A. C.; April 30, Olivet, at M. A. C.; May 5, Ypsilanti, at M. A. C.; May 14, Alma at M. A. C.; May 19, M. A. C., at Ypsilanti; May 21, Hillsdale, at M. A. C.; May 26, Kalamazoo, at M. A. C.; May 28, M. A. C., at Olivet.

The program of College classes leaves the hour from four to five in the afternoon entirely free for all the young men. It was only with the greatest difficulty that the classes could be so arranged as to leave this hour vacant, owing to the large number of students and lack of a corresponding increase of the teaching force.

C. O. B.

On a Pig's Back.

The following clipping from *Farm, Field and Fireside* may interest M. A. C. students of twenty years ago:

"Sixteen years ago on a stormy night in the early fall, in a poorly furnished student's room, around the lamp, four earnest young men, all farm bred, were discussing the question of the "money power" that enabled them to take their college courses.

"One had his wits only—no other backing in the world—sold books or anything that he could get hold of during vacations. One winter he had worked digging ditches in the daytime, and evenings gave readings and recitations at country school houses, often walking miles to do so, developing brain and muscle and the power to interest an audience at the same time—having to think on his feet.

"The next—his father gave him the poorest ten-acre piece on the farm to crop for himself. His mother gave him seed wheat which he himself planted and harvested during vacations.

"The third boy's brother had given him a Poland China sow, and from the increase in pigs and pork he was paying his way, helping out by such work as he could find to do during vacations. He said: 'I

deem it no disgrace to ride through college on a pig's back.'

"The fourth boy had made a bargain with his father by which he was to buy the clover seed for one round of the crop rotation, his father agreeing to give him the increase in each crop. He was best off of them all and literally, to his fellows, 'rolled in clover.'

"Today one of those boys is editor of the *Rural New Yorker*, has traveled extensively in the United States and Europe, has addressed hundreds of farmers' institutes and is an acknowledged authority on all agricultural topics. Another is a civil engineer of high standing, a national authority on the building of roads. A lawyer successful beyond his dreams accounts for one more. The other one owns a farm in Michigan and conducts it so successfully that he is regarded as a financier.

"The first three also own and conduct successful farms that make money for their owners and are object lessons to their neighbors.—*Our Wedge.*"

Michigan Academy of Science.

The sixth session of the Michigan Academy of Science was held at the college on Thursday and Friday of last week with a good attendance.

Many of the papers were purely technical, but the illustrated lecture of Dr. A. C. Lane, State Geologist, upon "Coal, its Origin and Occurrence," was of general interest, while the address of Dr. H. B. Baker, Secretary of the State Board of Health, upon "Infectiousness of Milk from Tuberculous Cows" brought out a lively discussion. Dr. Baker claimed that such milk was dangerous, while Prof. Marshall stated that he had never found the tubercular bacilli in milk except in one instance, and that he believed the only danger was when the mammary glands were infected. On Friday forenoon the academy met in sections, where a large number of papers were presented.

The election of officers on Friday afternoon resulted as follows: President, Prof. C. E. Barr, Albion; vice-presidents, Prof. J. A. Jeffery, for section of agriculture; Prof. C. F. Wheeler, section of botany; Bryant Walker, Detroit, section of zoology; Frank Wells, Lansing, section of sanitary science; secretary, W. B. Barrows; treasurer, Prof. W. H. Munson, Hillsdale. Eleven new members were admitted to the academy.

Station Bulletins.

The Experiment Station has two bulletins ready for distribution. The report of the South Haven Sub-Station is No. 177. It gives the results of the tests of a large number of varieties of large and small fruits and of experiments in spraying and pruning. The application of one pound of copper sulphate in twenty gallons of water before the first of April was again found to be an effective remedy for the leaf-curl of the peach. In a pruning experiment upon peach trees injured by the winter, better results were obtained when they were severely cut

back than when unpruned, although where they were cut back to short stubs from the trunk many of the trees died.

Bulletin 178, by Prof. Mumford, relates to "The Production and Marketing of Wool." The opinions of a large number of wool dealers is given and all agree that the careless preparation of wool causes an immense loss to the farmers of Michigan.

Walter G. Amos.

The death of Walter G. Amos, on March 22, resulted from injuries sustained by falling from a moving train while returning from business to his home at Morgan Park, Chicago, Ill.

At M. A. C. Walter Amos was known as an earnest, careful, growing student and a thorough gentleman: at all times he had the respect and confidence of his associates,—both among the faculty and students.

At the time of his death Mr. Amos had charge of the Chicago office of the Murphy Iron Works.

The funeral took place from the home of Mr. Amos' mother, at 859 Monroe avenue, Detroit, on March 26th. The following M. A. C. men were among the pall bearers: Chas. Hermann, James Elliott, E. T. Nunnely and Oscar Gorenflo.

Mr. Amos is survived by his wife and two young children, also his mother and two brothers.

C. E. W.

Vacation Echoes.

Miss Susie L. Beck, whose home is at Petoskey, is spending a few days with Mrs. A. T. Metz.

Prof. Holdsworth is entertaining his sister Miss C. Holdsworth, of Traverse City.

Clarence Mantz, '03, received a visit from his sister Miss Lizzie Mantz, last week.

Mrs. Wm. Young, who has been making an extended visit at Mrs. Chase Newman's, returned to her home at Portland, Mich., on Saturday.

Mrs. Royal Newman, of Battle Creek, is now visiting at C. Newman's.

Irving Gingrich, '01, visited at Fort Wayne, Indiana, and C. P. Reed, '01, at his home, Howell, Mich., last week. He returned to the College Friday.

L. D. Rudolph, '02, spent part of his vacation visiting Clio Philips, '02, at his home, Shadyside, Mich.

H. L. Metz, '03, and A. G. Craig, '02, spent vacation at Harbor Springs.

C. Kaylor, '01, and R. A. Whitney, '01, scored the cows in the Grade Herd last week. This is to be a part of their thesis work.

A. C. Mitchell, '03, is now at the College, but will soon leave to work on Prof. Mumford's farm for the coming season.

The Red Cedar river overflowed its banks and inundated the low lands near it. No damage was done except to inconvenience some pigs in a lot near the river. They were rescued by the farm hands.

THE M. A. C. RECORD.

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scribed for the paper. Such persons need have
no hesitation about taking the paper from the
postoffice, for no charge will be made for it.
The only way, however, to secure THE RECORD
regularly is to subscribe.

Official Directory.

Y. M. C. A.—Regular meetings Sunday evenings
at 7:00 and Thursday evenings at 6:30. C. H.
Parker, President. D. S. Bullock, Cor. Secretary.

Y. W. C. A.—Weekly meetings for all ladies on
the campus, Thursday evenings at 6:20, in Abbot
Hall. Sunday meetings with the Y. M. C. A.
Mabel Brigham, President; Elizabeth Johns, Cor.
Secretary.

KING'S DAUGHTERS—Meet alternate Wed-
nesdays. Mrs. W. Babcock, President. Mrs. W.
J. Beal, Secretary.

NATURAL HISTORY SOCIETY—Meets
alternate Wednesday evenings at 6:30 P. M., in
the Zoological Lecture Room. B. Barlow, Presi-
dent. W. K. Wonders, Secretary.

BOTANICAL CLUB—Meets Tuesday evenings
at 6:30 in the Botanical Laboratory. R. L. Brown,
President. Emma Miller, Secretary.

ADELPHIC SOCIETY—Meetings every Satur-
day evening at 7:00, Class room A., College Hall.
H. L. Brunger, President. Geo. McMullen, Secre-
tary.

COLUMBIAN LITERARY SOCIETY—
Meetings every Saturday evening at 7:00. Fourth
floor, Williams Hall. A. H. Hayes, President. D.
S. Bullock, Secretary.

ECLECTIC SOCIETY—Meetings every Satur-
day evening at 7:00, Fourth Floor, Williams Hall.
E. S. Good, President. W. S. Palmer, Secretary.

FERONIAN SOCIETY—Meetings every Thurs-
day afternoon at 4:00, U. L. S. Rooms. Bertha
Malone, President. Ella Phelps, Secretary.

HESPERIAN SOCIETY—Meetings every Sat-
urday evening at 7:00, West Ward, Wells Hall.
A. J. Cook, President. C. Johnston, Secretary.

OLYMPIC SOCIETY—Meetings every Satur-
day evening at 7:00, Fourth Floor, Williams Hall.
G. M. Odium, President. H. J. Eastace, Secretary.

PHI DELTA SOCIETY—Meetings every Sat-
urday evening at 7:30, East Ward, Wells Hall.
H. B. Clark, President. H. M. Eaton, Secretary.

THEMIAN SOCIETY—Meetings every Fri-
day afternoon from 5 to 6, Agricultural Laboratory,
second floor. Irma G. Thompson, President.
Maude C. Armstrong, Secretary.

UNION LITERARY SOCIETY—Meetings
every Saturday evening at 7:00, U. L. S. Hall.
C. H. Hilton, President. H. P. Weydemeyer,
Secretary.

TAU BETA PI FRATERNITY—Meetings on
alternate Thursday evenings, Tower Room, Me-
chanical Laboratory. William Ball, President.
C. W. Bale, Secretary.

CLUB BOARDING ASSOCIATION—H. L.
Chamberlain, President. Geo. Severance, Secre-
tary.

M. A. C. ATHLETIC ASSOCIATION—W. T.
Parks, President. H. P. Weydemeyer, Secretary.

FARMERS' CLUB—Meets alternate Wednes-
day evenings at 6:30 in the Agricultural Labora-
tory. J. H. Skinner, President. R. A. Whitney,
Cor. Secretary.

M. A. C. CHORUS meets in the Chapel every
Monday evening at 6:30. C. H. Parker, President.
Gertrude Van Loo, Secretary. Mrs. C. E. Mar-
shall, Director.

State Forestry Commission.

BY CHAS. W. GARFIELD, '68, PRESIDENT OF
THE COMMISSION.

"The forestry commission is hard
at work preparing for the campaign
looking toward the preservation of
the forests which are left, and re-
plenishing the great pine tracts with
a new growth of trees.

"There has been nothing done in
the matter of forest preservation, or
protection, in Michigan up to the
present time, and we are compelled
to start in on a complete new cam-
paign, and we will need all the
assistance that those who are intelli-
gently interested in the subject can
give us.

"I have for some time been in
correspondence with the forestry
commissioners of Minnesota, Wis-

consin, Maine and New York, in all
of which states the movement has
been well started. In my letters
with the commissioners of these
states I have sought to learn just
what sort of legislation they had
succeeded in putting into operation,
what the result was and what the
defects of their system were, in
order that we might profit by their
mistakes.

"I find that the fire wardenship,
an office which was created for the
first time in Minnesota five years
ago, is working in good shape, and
that the results have fully justified
the wisdom of the measure. Of
course, the cost of maintaining the
department was considerable, but
the records of fires stopped before
any amount of damage was done is
so great that there is no question
but what money has been saved.

"In Maine and New York the
best feature of their method is the
posting of the salient features of the
forestry laws and the warning of
prosecution for even neglect which
results in a forest fire, all over the
two states of Maine and New York
wherever a group of trees are to be
found, and the effect is said to be
remarkable.

"In New York the forestry com-
mission has done more than protect
the forests. They have taken up
the subject of economic lumbering;
that is, the handling of forest lands
so as to make them a permanent
source of income instead of stripping
them of every foot of timber the
first time they are cut over. This
is accomplished by only cutting
down the mature trees and caring
for the younger growth by lumber-
ing carefully. Of course the ex-
pense is considerably greater, but it
has been proved by actual experi-
ment that it pays in the long run.

"The work of the commission is
primarily for the protection of the
state as a large owner of forests,
but in order to do this we must have
the co-operation of all of the large
land owners of the state. In order
to do this I am corresponding with
a number of large lumbermen of the
state on the question of a policy
upon which we can all unite. I am
also writing to the various candi-
dates who have announced their de-
sire to be nominated for the office of
governor, asking their position in
the matter of forest preservation.
In addition to this I have made up
a list of what I term 'thoughtful
citizens' from all parts of the state,
and I will write them asking for
advice.

"Then, when I have secured the
proper material with which to do it,
I shall inaugurate a newspaper
campaign of education on the sub-
ject.

"In the matter of forest preserves,
I think that we have at last hit upon
a scheme which is possible of fulfil-
ment. The preserve which we
would create is located in Roscom-
mon county, which contains the
headwaters of the Au Sable, the
Manistee, the Muskegon and the
Tittabawassee rivers. The plan of
the commission is to draw a line
directly down through the county
from north to south and attach to
this the two townships in the south-
west corner of Crawford county,
which is just to the north of Ros-
common. In this tract Michigan
now owns 100,000 acres of land and
a portion of the remaining territory
is taken up with Houghton and
Higgins lakes. What land is left is
largely held by lumber companies
who have cut off the heavy timber

and now hold the land at a very
low figure. We have already with-
drawn the public lands lying within
this district from the market and
hope that we can induce some of
the big companies which own land
there to either sell for a very low
figure or give us their holdings.
There are but few people living
within the limits of the proposed
reserve and there are no towns of
any size whatever. The plan is im-
mature as yet, but we hope in the
future to accomplish something
worth while." — *Grand Rapids
Herald.*

The Ideal Education in the Twen- tieth Century.

Back in the early sixties, I became
acquainted and sat at the same table
for meals with a stalwart Harvard
student by the name of E. P.
Cheever. For some time past he
has been superintendent of schools
in Boston, Mass. In the *Educational
Review* for Feb., 1900, he has an
article entitled "The Public High
School of the Twentieth Century."
I quote a few paragraphs, as I am
sure the young ladies and the ath-
letes of M. A. C. will be glad to
have their attention called to the
article. They will be gratified to
see that M. A. C. is rapidly ap-
proaching the ideal fixed by Mr.
Cheever.

"Among the new subjects of in-
struction in *The People's Univer-
sity* will be the different branches of
domestic science; that is, physics,
chemistry, and biology applied to
the arts of housekeeping. Cookery
will be carried to the point of pro-
fessional skill, especially in the line
of cookery for the sick room.
Dressing and millinery will be
offered in substantial courses. Hy-
giene and sanitation will be taught
to the extent of making competent
heads of households and of schools.
The mechanic arts will be carried
farther than now and in more
variety than now.

"Drawing has been stuffed into a
course of study already crowded,
there to be taken by all students
alike, whether gifted or not gifted
with aptitude for art instruction.
The little drawing that was taught
was a waste of time for the untal-
ented or uninterested many, and
was altogether insufficient for the
interested and talented few.

"Finally, our ideal high school is
going to pay supreme regard to the
health of its students and of its
teachers. The hygienic conditions
relating to lessons, study-hours, food,
ventilation, rest, and exercise, are
going to be most intelligently ob-
served. The fare will consist of
more beef and fewer buns. These
matters will receive no less care
than the lessons. Nor will physical
exercise be neglected. It will be
taken at intervals every day; and
there will be time enough given to
it. It will no longer be squeezed
into the chinks of a well-nigh solid
lesson program or lumped for the
week into parts of one or two days.

"Complaints of overwork will be
heard of no more; for in our ideal
school, emulation, striving for rank,
and struggling with too many or
too hard lessons to escape loss of
promotion or loss of diploma will
have no place. Each girl will be
permitted to undertake only so much
work as she can do well and without
impairment of health and vigor.
There ought to be physical improve-
ment during these years."

W. J. B.

Labor Saving Machinery Has Been Beneficial to the Laboring People.

ABSTRACT OF AN ORATION BY C. H. SPRING,
'00.

This is an age of progression, in
other words, an age of evolution.
Science is advancing step by step
and sweeping away inferiority from
among the laboring classes, and this
movement is claiming extraordinary
attention on the part of the Amer-
ican people at the present time.
Science is making the laboring man
of today an educated man when
compared with the man of the last
generation.

From a business standpoint, all
the benefits to be derived from labor
saving machinery may be combined
into one statement,—vastly more
work can be done in the same num-
ber of hours, with the use of ma-
chinery, than would be possible
without it. Any inventor, who can
shorten the time it takes to do a cer-
tain amount of work, is heralded as
a benefactor to his country. Every
great invention creates a new field
of employment. This is a principle
which the laboring people in days
gone by were slow to grasp, and it
is hard even now for some of us to
accept it when we see hundreds
thrown out of employment by the
simple application of some one of
nature's laws. Yet, today, there
are thousands filling positions of
kinds unknown twenty years ago.
The workshops demand educated
labor. The man who can neither
read nor write, must stand aside and
make room for the man who reads
and keeps up with the times. The
demand for *educated* labor cannot
be satisfied.

It has been said that the introduc-
tion of machinery promotes trusts by
centralizing the laboring people.
There are trusts in existence which
are detrimental to the welfare of the
country, but the majority of the
large corporations are a benefit and
almost a necessity. They are con-
ducted on the same principles as the
individual manufacturing concerns
of our cities, the only difference
being in magnitude and capital in-
vested. It is a noticeable fact that
when the large corporations are
making money their workmen get
high wages. High prices and high
wages are conditions which go hand
in hand.

This is an age of rapid changes
and sudden developments. As stated
before, we have today a multitude
of callings which are comparatively
new, so that while population is in-
creasing new kinds of employment
are increasing proportionally, and in
this way the American people are
advancing educationally and finan-
cially faster than any other nation in
the world.

At the College.

Mrs. A. C. Bird entertained the
College ladies on Wednesday after-
noon.

Miss Nellie Greening, of Xenia,
O., visited Mrs. Pettit during the
vacation.

Prof. Moseley left for Chicago on
Thursday afternoon, for a short
vacation.

A. B. Cook, '93, of Owosso, spent
Sunday, March 25, with friends at
the College.

On Wednesday evening there was
a dancing party at the Union Lit-
erary Society rooms.

Miss Maude Metz, a teacher in the Adrian schools, spent her vacation with her mother.

Miss Edna Deyarmond, '92w, has received a visit from her sister and Miss Lizzie Mantz, of Lewiston.

On Tuesday evening an enjoyable card party was given at the residence of Prof. and Mrs. C. F. Wheeler.

Prof. Taft visited the South Haven sub-station last week. The prospects for fruit crops of all kinds are excellent.

The Horticultural department has a new team of horses. They were purchased last week by Prof. Taft near Grand Rapids.

Prof. and Mrs. Pettit entertained at euchre on Wednesday evening, in honor of their guest, Miss Nellie Greening of Xenia, O.

Miss Fanny Carruthers, of Bancroft, who has been visiting Miss Kedzie during the past week returned home on Thursday afternoon.

The King's Daughters will meet this week with Mrs. Babcock on Wednesday, at 3 p. m. Lesson reading, Matt. 4:1-11. Text word, Tempted. Leader, Mrs. Barrows.

During the vacation the workmen upon the Women's building made rapid progress until Thursday night, when they were laid off owing to a lack of pressed brick. The walls of the first story are nearly completed.

Chorus rehearsal, Tuesday night at 6:30 in the armory. All members are requested to be present. Students intending to take piano lessons this term will please hand their names and a list of their vacant hours to Mrs. Marshall before Wednesday night.

The College faculty is considering a new system of marking students, in which letters will be substituted for figures. In making up the records in the secretary's office, each study will be given a definite value, which will make it easy at any time to determine the standing of a student.

L. R. Love, '96, who has for two years been in charge of the greenhouses and grounds of the Kalamazoo asylum, was at the College last week to obtain cuttings of shrubs and secure information regarding the raising of sugar beets, as fifteen or twenty acres will be grown on the asylum farm.

On last Tuesday an ice jam formed in the river just above the railroad bridge, and at one time threatened to carry it away. Several students worked for a number of hours at loosening the ice cakes, but were not able to prevent the water from working around the north end of the trestle work and undermining the track so that it was rendered unsafe.

Prof. Smith visited Munising last week. Arrangements had been made to have twenty acres of land at the new experiment station cleared before the first of May, but the great depth of snow has prevented work up to the present time. The parties in charge think they will have no difficulty in carrying out their contract.

Companies "A" and "B" will report for drill Thursday, April 5, at 5 p. m. Companies "C" and "D" will report Friday, April 6, at 5 p. m.

Mechanical Department Announcement.

Prof. Weil will meet seniors on Tuesday, April 3d. at 1 p. m. to arrange for hours in thesis work.

Prof. Moseley will meet juniors on Tuesday, April 3d, at 1 p. m. to arrange for sections in laboratory work.

Juniors and sophomores are requested to see bulletin board in Mechanical Laboratory for announcements of lessons for Wednesday, April 4th.

All classes will meet according to the *printed program*.

The text-book required by sophomores in Steam Engine is,—Holmes' Steam Engine. The text-book required by juniors in Strength of Materials is,—Church's Mechanics of Engineering. Sophomores in Machine Design will use Mechanical Department Notes.

Note-books will be required of seniors in Engineering Practice.

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M. J. & B. M. Buck.

R. B. Shank & Co.,

Leading Grocers and Confectioners.

An essay on corn

There are two kinds of corn—the Indian corn, grown in the ground, and the anatomical corn, grown on the foot. One is measured by acres and the other by achers.

Indian corn is shucked, but if a man tells you that a human corn don't amount to shucks, he's a liar in six languages.

If you want to raise a crop of anatomical corns, wear a pair of poorly fitted two-for-a-dollar, wear-out-in-an-hour pair of shoes.

If you have a foot that no one else can fit comfortably, bring it to us—"and we'll do the rest."

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ELEVATOR.

News from Graduates and Former Students.

E. E. Gallup, with '96, filled the pulpit in the Hanover M. E. church Sunday evening.

Virgil S. Hillyer '91m, is mining engineer with the Manila Iron Co. of Iron Mountain, Mich.

Duncan D. McArthur, '94, is superintendent of the Pima Indian School at Sacaton, Arizona.

J. Cuthbert Patrick, with '94m, is vice-president and treasurer of The Habbin Electrotype and Engraving Co. of Detroit, Mich.

The democrats of Van Buren township, Wayne county, voted yesterday for Ralph W. Clark, with '99, for township clerk.

L. W. Rice, '89, of Grand Rapids, was at the college for a short time last Wednesday. It was his first visit since graduating.

Frederick L. Reynolds, with '95m, is chemist for the Universal Fuel Co. Address 4312 Greenwood avenue, Chicago, Ill.

Milton M. Marble, with '85, is instructor of the physical sciences and mathematics in the Hillhouse high school, New Haven, Conn.

Geo. W. Kinsey, '90, who graduated from the Chicago Veterinary College in 1891, is now a veterinary surgeon and dentist at Wheeling, W. Va.

Walter J. Goodenough, '95m, is chief engine draughtsman in the Marine Department of the Maryland Steel Co. at Sparrow's Point, Maryland.

Dwight A. Bruen, with '94, has, since August, 1899, been assistant manager for the New Calumet and Hecla Copper Mine, located at Index, Washington.

Allen C. Redding, '83, formerly chemist for the Columbia Gold Mining Co. of Sumpter, Oregon, is now chemist for the Golconda mine at the same address.

Frank P. Davis, '68, who was engineer on the Nicaragua canal, is assistant chief engineer on the Guayaquil and Sinto Ry., address Box 37, Guayaquil, Ecuador.

William H. Parker, with '87, is general manager of western New York for the New England Mutual Life Insurance Co., Guaranty Building, Buffalo, New York.

Albert T. Cartland, '97, is pastor of the Upton avenue M. E. church, at Battle Creek, Mich. He writes expressing the hope that the College and all its interests are prospering.

E. A. Winegar, with '99, was married at St. Johns on March 3d, to Miss Myrtle Stephenson, of Eagle. He is now pleasantly located at Caro, where he has leased a creamery for one year.

William Thum, with '81, inventor and for some years manufacturer of Tanglefoot Fly Paper at Grand Rapids, Mich., is now engaged in growing walnuts and oranges in California. Address 123 Columbia St., Pasadena, Cal.

F. B. Mumford, '90, Professor of Agriculture in the University of Missouri at Columbia, writes as follows: At a meeting of the Board of Curators, March 26, they voted to grant me a leave of absence of 15 months to study and travel in Europe. The usual tenure of office before such a favor is granted at this uni-

versity is seven years. I have been here only five years, and therefore feel under great obligations to the Board of Control for this rather unexpected favor. We shall sail about July 15.

Chas. P. Bush, with '83, after graduating at the University of Michigan, in 1885, went into the railroad business and is now located at Louisville, Ky., as paymaster and purchasing agent for the Louisville, Henderson & St. Louis Ry. Co.

Chas. G. Percival, with '93m, passed through our late war as newspaper correspondent. He is now sporting editor of *The Boston Daily Traveler*, business manager of *The Tufts Medics*, and student of medicine at Tufts College, Boston, Mass.

R. E. Morrow, '98, of Central Lake, writes as follows concerning his classmate, Chas. E. Townsend:

"He has been ill with gastritis for a year, and some three months ago went to the Hartman Sanitarium, Columbus, O., where he underwent an operation, and after five or six weeks was able to return home. He is still very weak, but we hope that he will improve when the warm days of spring come. He was highly regarded by his classmates, and was one of the most popular men of his class." Mr. Townsend is at his home in Onondaga.

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We pay all transportation on wheels to and from College when repairs amount to one dollar or more.

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DIRECTORY

LANSING BUSINESS and PROFESSIONAL MEN

The names in this Directory, as well as those of all our other advertisers, are of reliable parties. We hope that the faculty and students will take pains to patronize those who patronize us.

BARBERS.

J. H. WOOD—Barber, 106 Michigan Avenue E. College work especially solicited.

BOOKS AND STATIONERY.

LANSING BOOK AND PAPER CO. Waterman and Sterling Fountain Pens, Stationery, Pictures, Frames, Wall Paper, 120 Wash. Ave. N.

CITY BOOK STORE. Fountain Pens, Drafting Tools, Stationery, Cards Engraved, Pictures and Picture Framing. Tennis, Football and Baseball goods. Crotty Bros., 206 Wash. Ave. N.

BOOTS AND SHOES.

C. D. WOODBURY.—Boots and Shoes. We shoe the students. See ad.

BICYCLES.

GEO. H. RICHMOND. Pierce Cycles. Full line of sundries. Repairing and renting at reasonable rates. 200 N. Washington Ave.

CLOTHING.

LOUIS BECK.—Clothier. Gents' Furnishings, Hats and Caps. 112 Washington Ave. North.

A. E. DAVIS.—Clothing and Gentlemen's Furnishings. See ad.

CROCKERY AND GLASSWARE.

H. H. LARNED.—China, Glass and Lamps. 105 Washington Ave. S.

DENTISTS.

R. W. MORSE, D. D. S. Hollister Block, Room 517.

D. R. DAWLEY, M. D., D. D. S. Office over Postal Telegraph Co., Michigan and Washington Aves.

D. E. PARMELEE—Dentist. 218 Washington Ave. south. Opposite Hudson House.

DEPARTMENT STORE.

ONSEREAUX'S DEPARTMENT STORE is the place to trade. You can get a warm lunch in our cafe for 10c.

DRUGGISTS.

ALSDORF & SON—The Druggists. Two stores, 102 Washington Ave. N. 335 Washington Ave. S. See ad.

C. J. ROUSER—Capital Drug Store. 123 Washington Avenue South.

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BOTH PHONES. Careful attention given to phone orders.

GOTTLIEB REUTER.

Washington Ave. South.

DRY GOODS.

SIMONS DRY GOODS COMPANY.—Dry Goods and Carpets. See ad.

FURNISHING GOODS.

ELGIN MIFFLIN.—Ladies' and Gentlemen's Furnishing Goods. See ad.

FURNITURE DEALERS.

M. J. & B. M. BUCK.—Furniture. Cor. Washington Avenue and Ionia Street. See ad.

GROCERS.

R. B. SHANK & CO., 200 Washington Ave. S. The leading grocers. Both phones. Daily delivery to the college.

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M. A. C. STUDENTS—Don't forget W. H. PORTER, the Hack and Liveryman. Rubber tires a specialty. 300 Capitol Ave. S. Both Phones.

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NORTON'S HARDWARE—General Hardware, Stoves, Tinware, Graniteware, Cutlery, etc. 111 Washington Ave. South. See ad.

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THE DYER-JENISON-BARRY CO., LTD., (Incorporated) 108 Mich. Ave. West. All kinds of the best insurance. Strongest agency in city.

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B. P. RICHMOND—Watchmaker, Jeweler and Engraver. 200-202 Washington Avenue N.

LAUNDRIES.

THE VAN GORDER PALACE LAUNDRY. College agents, C. H. Hilton, 97 Wells; Irving Gingrich, 47 Williams. S. P. Lantz, Prop.

LUMBER DEALERS.

H. W. RIKER.—Lumber Dealer. Mill Street. See ad.

MERCHANT TAILORS.

WOODBURY & SAVAGE.—Tailors. Student trade solicited. Opposite Hotel Downey, North.

JOHN HERRMANN'S SONS. Fine Tailoring. 218 Washington Avenue N.

OCULISTS.

JOSEPH FOSTER, M. D.—Eye, Ear, Nose and Throat. Hours 9 to 12 A. M. City National Bank Building, Lansing.

PHYSICIANS.

A. D. HAGADORN, M. D.—Office hours, 11 to 12 A. M., 2 to 4 and 7 to 8 P. M. Office at 212 Washington Avenue S.; home 419 Seymour St.

D. R. J. M. COLLIER.—123 Washington Ave. south. Office over Capital Drug Store. Residence 310 Seymour St.

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