

The Michigan Tradesman.

VOL. 2.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, MARCH 25, 1885.

NO. 79.

KEMINK, JONES & CO.,
Manufacturers of

Fine Perfumes,
Colognes, Hair Oils,
Flavoring Extracts,
Baking Powders,
Bluing, Etc., Etc.

ALSO PROPRIETORS OF
KEMINK'S

"Red Bark Bitters"

The Oriole Manufacturing Co.

78 West Bridge Street,

GRAND RAPIDS, MICHIGAN.

JOHN CAULFIELD

Is our Agent in Grand Rapids
for our Famous

Galvanic Soap

THE BEST

EASY WASHER

MANUFACTURED.

B. J. Johnson & Co

MILWAUKEE.

RETAILERS,

If you are selling goods to make
a profit, sell

LAVINE

WASHING POWDER.

This Washing Powder pays the Retailer a
larger profit than any in the Market, and is
put up in handsome and attractive packages
with picture cards with each case. We guar-
antee it to be the best Washing Powder
made and solicit a trial order. See prices in
Price-List.

Hartford Chemical Co.

HAWKINS & PERRY

STATE AGENTS,

GRAND RAPIDS, MICHIGAN.

FOR MAHOGANY!

ADDRESS

HENRY OTIS,

IMPORTER, NEW ORLEANS

Yan's Magic Oil,

KING OF COLDS.
KING OF PAINS.
Inflammatory Diseases.

For Sale by F. Brundage & Co., Muskegon;
Hazelton, Perkins & Co., Grand Rapids; H.
Walsh & Son, Holland. Manufactured by
N. G. VANDERLINDE, Muskegon.

G. ROYS & CO

No. 4 Pearl Street, Grand Rapids.

WHIPS

—AND—

LASHES

NEW GOODS. New
Prices down to the whale-
bone. Goods always sale-
able, and always reliable.
Buy close and often.

ORDERS PROMPTLY FILLED

JAMES C. AVERY. GEO. E. HUBBARD.

JAMES C. AVERY & CO

Grand Haven, Mich.

Manufacturers of the following brands of Ci-
gars:

Great Scott, Demolai No. 5,
Eldorado, Doncella,
Avery's Choice,
Etc., Etc.

—JOBBER IN—

Manufactured Tobacco.

W. N. FULLER & CO

DESIGNERS AND

Engravers on Wood,

Fine Mechanical and Furniture Work, In-
cluding Buildings, Etc.,
49 Lyon St., Opposite Arcade,

GRAND RAPIDS MICH.

PETER DORAN,

Attorney-at-Law,

Pierce Block, Grand Rapids, Michigan.

Practices in State and United States Courts.

Special attention given to

MERCANTILE COLLECTIONS.

SEEDS

We carry a full line of
Seeds of every variety,
both for field and garden.
Parties in want will do
well to write or see the

GRAND RAPIDS GRAIN AND SEED CO.

71 CANAL STREET.

DRYDEN & PALMER'S

ROCK CANDY.

Unquestionably the best in the market. As
clear as crystal and as transparent as diamond.
Try a box.

John Caulfield,

Sole Agent for Grand Rapids.

STEAM LAUNDRY

43 and 45 Kent Street.

A. K. ALLEN, Proprietor.

WE DO ONLY FIRST-CLASS WORK AND USE NO

CHEMICALS.

Orders by Mail and Express promptly at-
tended to.

EDMUND B. DIKEMAN,

—THE—

GREAT WATCH MAKER,

—AND—

JEWELER

44 CANAL STREET.

GRAND RAPIDS, MICHIGAN.

Collections and Insurance,

Special Attention given to Collections in City
or Country. Also

FIRE, LIFE & ACCIDENT

Insurance.

Shoe and Leather.....Boston

Cooper.....Dayton, Ohio

Union.....Pittsburgh, Pa

Germania.....Cincinnati, Ohio

Total Assets represented, \$3,516,808.

CORRESPONDENCE SOLICITED.

TOWER & CHAPLIN,

General Collectors.

16 Houseman Block - Grand Rapids

General Stock for Sale

Anyone wishing to purchase a clean
stock of general Merchandise, situated
at a good trading point near Grand
Rapids, would do well to apply this
week to

RINDGE, BERTSCH & CO., or

SHIELDS, BULKLEY & LEMON.

GRAND RAPIDS.

ALBERT COYE & SONS,

—MANUFACTURERS OF—

AWNINGS, TENTS,

HORSE AND WAGON COVERS.

WHOLESALE DEALERS IN

Oiled Clothing, Ducks, Stripes, Etc.

State Agents for the

WATERTOWN HAMMOCK SUPPORT.

SEND FOR PRICES.

73 Canal Street, Grand Rapids, Mich.

An Epic of the Cars.

Crowded cars.
Pleasant day.
Maiden traveling
Far away.

Vacant seat.
By her side.
Only one
In which to ride.

Dandy drummer.
Black moustache.
Thinks good chance
To make a dash.

Grinning asks
May he ride
In vacant seat
By her side.

Maid says "Yes."
Looking sweet,
Drummer happy
To his feet.

Happy drummer!
Hard-earned cash.
Spends for "goodies"
For his mash.

Train boy's stock
Disappears.
Grins with joy
To his ears.

Sells the drummer
Apples, cakes,
Nuts and candy.
Awful "fakes."

Conductor comes.
Drummer's cash
Pays the passage
For his mash.

Conductor looks
At Train boy sly.
Winks a wink
From weather eye.

Conductor gone.
Drummer "dy."
Looks at maiden
With a sigh.

Asks the maiden
"Is there one
Loves you more
Than I have done?"

Maid looks conscious.
Rather coy.
Drummer's heart
Full of joy.

"May I ask,
Wonderous bliss,
For the boon
Of one sweet kiss?"

Maid says "No."
You know the rest,
For there's one
That loves me true."

"I will win you
From his side,"
Drummer says.
With conscious pride.

"Hardly think so,"
Maid replies.
"This conductor,"
Blank surprise.

"He's my husband,
Don't you see?
Here he comes.
You'd better flee."

Door flies open.
Drummer bold.
Dashes out
Looking sold.

Conductor grins.
You know the rest,
Twenty dollars
In his vest.

AMONG THE PINES.

Graphic Description of "The Drive"—No. 7.

Chas. Ellis in the Current

The work in camp is done. The last log
has been piled upon the rollways on the river.
The faithful, weary, dear old horses
have been sent down home to rest and recruit
for another year. The men have been paid
off and have gone, some to waste their
money in debauchery, some to work on the

Camp is broken up. Never again in all
time will the same company meet there
again, for before the next season comes
round some of them will be dead, others
scattered far and wide, and still others can-
not come, though neither dead nor gone
away.

The logs lie there now waiting for the
rivers to rise and bear them away. Horses have
done all that horses can do; the hardest work
of the men is yet to come. But the next
stage of the work must be inaugurated by
stronger powers than the hands of man.
The spring rain must fall, the winter snow
must melt, the northern sun must unlock
the embrace of the icy crystals, and the
swelling waters burst the imprisoning ice
away.

"The Drive" means taking the logs from
where they are piled in the rivers, as hauled
from the camps, down the streams to a point
where the various lots can be sorted out ac-
cording to each owner's mark, which is
stamped upon them, rafted up, and sent
down by tug boat to the mills below. The
drives of which I write are those which cen-
ter in the Tittabawassee and Saginaw rivers,
and include all the logs in the following
named streams: The Tittabawassee and its
tributaries, the Cedar, Sugar, Molasses, Salt
and Tobacco; the Chippewa and its tribu-
taries, Big and Little Salt; the Pine with its
north and south branches. Upon all of these
streams there are piled about seven hundred
million feet of logs, numbering about five
million pieces. The different lots of logs on
each of these streams form a drive which the
men have to deliver within the limits of the
Rafting Booms that extend from a point
three miles above Saginaw City to a distance
of from forty to fifty miles up the main
streams. Some idea of the space that these
logs require may be gathered from the state-
ment of a mill-owner familiar with the busi-
ness, that they would fill a river a hundred
and fifty feet wide a distance of one hun-
dred miles, driven together before a current
of three or four miles an hour. Across the
mouth of each river there are stretched
booms to hold back the logs and give space
below in the mains for rafting.

As soon, then, as the ice has melted and
broken up in the rivers the drive begins, and
until its head has reached the boom at the
mouth of the stream the work continues ear-
ly and late, Sunday and Monday alike. In
rain or snow or shine or frost the work goes
on. The rollways are broken down and the
logs put afloat by the owners, and the driv-
ing is done by jobbers, each stream being
under an independent management. The
various drives of all the confluent streams of
the Tittabawassee and Saginaw pass into the
control of "The Boom Company," who raft
each owner's logs and deliver them at his
mill. As the logs are broken down the cur-
rent bears them away, and from that time
until they are enclosed within the booms at
the mills they are a source of labor and care.

Along the streams down which the logs are
being driven are placed gangs of men called
"jam runners," whose work is to keep all
the logs in the center or channel of the river
constantly on the move. Such logs as stick
on the banks are allowed to remain, where
they do not obstruct the center until the
channel begins to clear down below the up-
per portion of the stranded logs. Then what
is called "the rear" starts. It is a special
gang whose work is to set afloat and follow
down logs that have fallen out from the head
and middle of the drive. This crew finishes

up the work. On the streams above men-
tioned there are engaged on the drive from
eight to ten hundred men, and after their
work is done there are from three to four
hundred at work all through the season
"rafting up" the logs in the booms and de-
livering them at the mills.

The work of the men on the drive is the
hardest work in the whole lumbering busi-
ness. It must be done mainly in the water,
from knee-deep to waist-deep. It need not
be said that it is cold work. All through
March and April these streams are icy cold,
and often the men have to break the ice in
the morning as they wade into their work in
channel, and they have to stand in that wa-
ter for hours at a stretch. It would be in-
teresting to see one of the "champion"
swimmers testing his powers of endurance
with these backwoodsman. It is my opin-
ion that they would soon lose their cham-
pionship. It is fearful work. Said one who
had spent year after year in the woods and
on the drive: "By the holy baldheaded
American Eagle, you're a shoutin' when you
call it cold work. Tell your uncle it'll freeze
the bubbles on bilin' whisky every time!"
It seemed to me as if I could see these men
shiver and shrink and turn blue while talk-
ing about "the drive." A man who is to-day
worth a million and a half of dollars, but
who went into the pine woods here thirty
years ago, working for thirteen dollars a
month, has told me of his own work driving
logs, with his own men and his own logs,
a tale of hardship that cannot be paralleled
in any other business that was ever done on
the globe. Men will go all through the work
of the drive without other shelter than what
the forest gives them. They have left the
camp far behind they are on the move day
by day. Sometimes they have a tent now, but
in the early days they had nothing. Working
in the icy water all day, they would gather
around a great fire in the woods at night,
and heat their cold, wet clothes upon their
persons by turning about. After a supper
of bread or crackers, salt pork, and tea or
coffee without sugar, they would roll them-
selves in blankets, which pack-hands would
move down the stream as the drive moved
forward. They would fall asleep, and sleep
there in the cold until three o'clock. Then
the boss would begin the work of waking
them. Breakfast would be got ready, and
by four o'clock constant efforts would get
the men up. But they would be so stiff and
sore that it was only by the utmost driving
that they could be started. When at last
they shouldered their peaveys (cant-hooks)
and started, half of them would stop every
rod and swear it was impossible for them to
go. Then more driving until the walking
started the blood to the sore muscles and
they limbered up like old lame horses. Then
into the water again and work all day to re-
peat it again the next morning, and so on
for six weeks at a stretch. It is done with
more comfort now, for they manage to keep
a flat boat along with the rear of the drive,
on which there is a cook-house, where hot
meals and better sleeping facilities are pre-
pared for the men, but even with all the
comforts that could possibly be added, it
would still be the hardest work in the world.

Yet many of the men, who are among the
rich and prosperous lumbermen of Michigan
to-day, have done this very work year after
year. They came into the country when it
was wilderness, they came without money,
they came with only strong arms and heroic
pluck. They went into the work, and by
perseverance they succeeded. Where they
have made fortunes that are the envy of
idlers, they have got nothing more than they
deserve. The gain to many of them came
at a cost that only the patient, persistent pull
of grand powers could ever have paid. They
deserve their reward.

The drives of which I have written as be-
ing on these streams all center on the Sagi-
naw River, and there the logs are cut. In
the year 1882 there were manufactured on
that stream within a distance of twenty
miles, 1,010,900,000 feet of pine lumber and
278,500,000 pine shingles, which cut is the
largest on the Saginaw in any one season up
to the present time, and probably it will
never be exceeded.

From the standing pine in the forests, sixty,
seventy, a hundred, and even a hundred
and fifty miles away, to their final martyr-
dom in the mills, we have followed the logs
with watchful eyes, and have seen that they
everywhere mean hard labor for the men,
and a large outlay of money for the manu-
facturer; and the patient reader who has
gone with me must be ready, I think, to ad-
mit that for pure romance the life of the
Michigan lumberman at work among the
pines is not a success; and that while mil-
lions have been made in the lumber busi-
ness, the success is everywhere largely due
to the energy, perseverance, and pluck of the
men who have been engaged in it. They
take all the risks and secure the profits, as
they are entitled to do; and the thousands of
men in their employ might, by observing
frugality, lay by money from year to year,
as in some cases they are known to have
done. Yet the far greater part of them save
nothing, and waste their lives with their
money. They are unkind to themselves.

However, at the end of my experience
among them I have only good wishes for
them all. Heaven bless the hard-working,

good-natured, careless fellows; may they de-
velop their minds in proportion to their mus-
cles, and so grow wiser and better in their
day and generation!

The Manufacture of Cotton Duck in the

United States.

The manufacture of cotton duck in the
United States has been steadily increasing
although during the past year, owing to the
general stagnation prevailing throughout all
the various departments of our textile in-
dustries, it has not made the progress which
it would have done, had the circumstances
of the case been less unfavorable. The cot-
ton duck manufacturer may be said to be es-
sentially American. New England is the
most important center of its manufacture.
Its uses of late years have also been widely
extended, and include not only wearing ap-
parel, sails for vessels, cloth for tenting pur-
poses, but also belting, rubber manufacture,
roofing, shoe linings, water pipes, coverings
for steam engines, wagons, cars, boats, beds,
chairs, camp stools, carriage bolsters, etc.
For clothing purposes alone, of late years,
the increase in the demand has been simply
enormous. Cotton duck differs materially
from other cotton cloth, from the fact that it
is stronger and heavier, and it has no sizing
except in the cheaper grades of goods. Cot-
ton sail duck, as compared with flax sail duck,
has also been supplanting the latter in use,
simply because it is said to be less stretchy
and porous, holds the wind better and is at
least twenty-five per cent. cheaper in price
than the latter. A pound of ordinary thirty-
inch wide cotton cloth will equal from two
and three-fourths to three yards, while a
yard of twenty-two inch wide cotton duck
will weigh a pound. The lightest cotton
sail duck made is said to weigh nine ounces
to the yard, while some twenty-two-inch
duck will weigh two pounds to the yard.

Commercial Intelligence.

From the Texas Siftings.

No wonder the Northern merchants are en-
deavoring to shake off the drummer system.
Edmund Alcott is a New York drummer.
He applied to a well-known New York firm
for a position to travel in the South.

"How much will you require for your ex-
penses?" asked the head of the firm.

"Fifteen dollars a day as long as I travel
in Texas," was the reply.

"Isn't that a little high?"

"Oh, no, not at all," was the reply of Al-
cott, "the legitimate expenses are much higher
in Texas than in any other state. Bill-
iards cost fifty cents a game, and whisky
fifteen cents a drink. You can't get a decent
cigar for less than twenty cents, and the
young ladies have no opinion at all of a man
who does not take them out buggy riding."

She Hit Him Hard.

It was late and she had been yawning for
half an hour, but he did not take the hint.

"I see," he said, "that Tennyson, in his
drama, speaks of men as God's trees, and of
women as God's flowers. It is natural that
he should compare women to flowers, but I
cannot see why he should compare men to
trees."

"I can," she said.

"You can?"

"Yes; this is winter, ain't it?"

"It is."

"Well," said she, with another yawn as
she glanced toward the clock, "the reason he
compared men to trees is that trees don't
leave till spring."

A minute later and he was on his way
home.

Out of Butter.

Through the telephone. Boarding-house
landlady (to grocer)—"Hello! Hello!"

Grocer—"Hello! Hello!"

Landlady—"Send ten pounds of butter and
charge it."

Grocer—"Can't hear. Wires work bad-
ly."

Landlady—"Send ten pounds of butter
with bill."

Grocer—"Will ten pounds be enough?"

In Haste for a Fortune.

A Newark, N. J., butcher received a letter
from his old home in Germany recently no-
tifying him that he had fallen heir to \$26,-
000 by the death of a relative. He was cut-
ting up a hog when the letter was put in his
hand. After reading it he hastily tore off
his bloody apron, demanded his wages, and
left to make preparations for a trip to Ger-
many to claim his fortune.

Seven Up.

"No, I don't allow any card-playing in my
house," said Popinjay, "but, in spite of me,
the girls have a little game of seven up al-
most every night."

"How is that?" inquired Blobson, in a
puzzled tone.

"Why," replied Popinjay "there are four
of them, and they generally have three fel-
lows up with them until eleven o'clock."

Grand Logic.

From the Michigan Journal.

The Leader expresses the opinion that the
South Bend Plow company never intended
to move here—that all the talk about remov-
al was to induce the South Bend people to
come down handsomely. If the concern
can't live without getting a bonus to stay
somewhere or move somewhere else, it had
better die. Grand Rapids can get along with-
out it.

"COMPLAINT COLUMN."

Another Novel Feature to be Added to "The

Tradesman."

Recognizing the necessity which now ex-
ists for some medium by which the com-
plaints of merchants, manufacturers and busi-
ness men generally may be voiced, in order
that mistakes may be righted and evils erad-
icated, THE TRADESMAN has concluded to
add to its other regular features, a "Com-
plaint Column," in which any grievance may
be stated or any inquiry may be made. Many
dealers labor under misapprehensions which
can only be corrected by a knowledge of the
state of affairs existing in other local-
ities, and those who cherish a grievance
against others may look at the matter in a
different light, after a full and free explana-
tion.

In view of these facts, it is thought that a
limited amount of space can be used in this
way to good purpose. The subject rests en-
tirely with the trade, and the project will
succeed or fail, according as they improve or
neglect the opportunity offered. No restric-
tion will be made as to subjects—providing,
of course, that they are akin to business mat-
ters—and the jobber will be welcomed along
with the retailer. The free latitude which
will be accorded each writer in the choice or
treatment of subjects, however, renders it
essential that every communication be signed
with the full name and address of the con-
tributor.

Who will set the ball rolling?

England's New Bankruptcy Act.

The testimony as to the beneficial work-
ing of the new bankruptcy act in Great Brit-
ain is still accumulating, and in the reports
of two large institutions in Great Britain the
workings of the act on the whole are stated
to have been fairly satisfactory. The Coun-
cils of the Institute of Chartered Account-
ants and the Associated Chambers of Com-
merce in their reports concur in the state-
ment that in its essential points the act is a
good measure, and with some additions and
changes could be made productive of far
greater good. Of these changes the system
of private arrangements with creditors, they
state, is probably the most susceptible of im-
provement. One plan which meets with
some favor is that of reforming the present
system of private arrangement and requiring
every such arrangement to be registered, and
all such agreements unregistered, to be de-
clared illegal. With the registration system
enforced full publicity would be given to a
failure, and such failure would not be likely
to be excluded from the total list of assign-
ments. The rules as to proxies at creditors'
meetings are also stated to be open to im-
provement, and the stringent rules, it is said,
could be modified with success. With these
and some few other smaller remedied de-
fects, all of which it is said can be improv-
ed, the act will accomplish much of a bene-
ficial character to the business interests of
Great Britain.

Look Out For Him.

The Michigan Tradesman.

A JOURNAL DEVOTED TO THE
Merchandise and Manufacturing Interests of the State.

E. A. STOWE, Editor.

Terms \$1 a year in advance, postage paid.
Advertising rates made known on application.

WEDNESDAY, MARCH 25, 1885.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

President—Lester J. Rindge.
Vice-President—Chas. H. Leonard.
Treasurer—Wm. Sears.
Executive Committee—President, Vice-President and Treasurer, ex-officio, O. A. Ball, one year; L. E. Hawkins and R. D. Swartout, two years.
Arbitration Committee—L. M. Clark, Ben W. Putnam, Joseph Housman.
Transportation Committee—Samuel Sears, Geo. B. Dutton, Amos S. Musselman.
Insurance Committee—John G. Shields, Arthur Meigs, Wm. T. Lamoreaux.
Manufacturing Committee—Wm. Cartwright, E. S. Pierce, C. W. Jennings.
Annual Meeting—Second Wednesday evening of October.
Regular Meetings—Second Wednesday evening of each month.

POST A.

Organized at Grand Rapids, June 28, 1884.

OFFICERS.

President—Wm. Logie.
First Vice-President—Lloyd Max Mills.
Second Vice-President—Stephen A. Sears.
Secretary and Treasurer—L. W. Adams.
Executive Committee—President and Secretary, ex-officio; Chas. S. Robinson, Jas. N. Bradford and W. G. Hawkins.
Election Committee—Geo. H. Seymour, Wallace Franklin, W. H. Downs, Wm. B. Edmunds and D. S. Haugh.
Room Committee—Stephen A. Sears, Wm. Boughton, W. H. Jennings.
Regular Meetings—Last Saturday evening of each month.
Next Meeting—Saturday evening, March 28, at "The Tradesman" office.

The business interests of Mancelona are sufficiently varied and extensive to warrant the establishment of a bank at that place, and the man who makes a venture of that character will do a good thing for the town and himself at the same time.

One of THE TRADESMAN'S patrons favors this office with a recent issue of Hoyt's *Criterion*, accompanying the same with an inquiry as to why THE TRADESMAN quotes some prices lower and some higher than the Chicago house organ. In answer to the question, THE TRADESMAN would state that it endeavors to quote market prices, whereas the *Criterion* pays about as much attention to the market as a lamp-post does to a horsefly. Moreover, the *Criterion* is the most unscrupulous of all the house organs. When the Grand Haven match factory began business, a couple of years ago, Hoyt contracted for large quantities of the manufactured product, and quoted and sold them at a large advance on cost. On the termination of the contract, and on the refusal of the proprietor of the factory to sell him matches at his own price, Hoyt reduced the quotations on those goods twenty-five per cent. below the manufacturer's prices. He had none of the matches in stock, could not obtain them, in fact, and assured any of his customers who ordered them that they were "out of the market." Still he kept the lying quotations in his organ, to the great detriment of the factory and every jobber handling the goods. Such a display of malice and deception is by no means uncommon with the *Criterion*, which has come to be looked upon by the trade as both unreliable and disreputable.

The regular traveling correspondent of the Chicago *Northwestern Grocer*, in writing to that paper, from Allegan, voices the following universal complaint against the Chicago market:

While we do not profess an intimate knowledge of the subject, yet we may simply state that frequent and loud complaints have come to us as to "the Chicago way of doing business," as it is called, and we know that considerable custom that would otherwise drift into her markets is thereby driven to Grand Rapids and Detroit. We refer to the practice among jobbers of saddling all manner of little expenses upon the purchaser; such, for instance, as exchange, cartage, boxage, etc. The grocers all claim that this is not customary in other markets, and that they are not compelled to deal with Chicago, nor will they do so as long as this method prevails.

There is more truth in the above statements than anyone not directly acquainted with the facts in the case would be inclined to believe. The Chicago jobbers, by their superciliousness and by their monopolistic practices, have lately lost a large amount of trade which has been turned to smaller markets where none of the methods complained of obtain. All things considered, Grand Rapids, Detroit, Saginaw or Bay City are better markets for Michigan merchants than charge-for-everything Chicago. The jobbers at the latter market may quote lower prices, but, when the subsequent charges are considered, the difference is generally found to be in favor of the Michigan markets.

Slightly Inaccurate.

The Coopersville *Observer* states that "100,000 bushels of potatoes have been shipped from Vriesland to Chicago this winter." It is barely possible that 200 carloads of potatoes have been shipped from the place mentioned, but the paper which will make such an astounding statement, unaccompanied by the proper proofs, may safely be set down as unreliable in every respect.

LATER—Messrs. DenHerder & Tanis, general dealers at Vriesland, write THE TRADESMAN that but six carloads of potatoes have been shipped from that place this season, which shows the *Observer* to have been only 194 carloads out of the way after all.

Equal parts of sulphur and pitch make a good stone and iron cement.

AMONG THE TRADE.

IN THE CITY.

W. T. Lamoreaux shipped a carload of beans to New Orleans Monday.

The Banner Tobacco Co., of Detroit, writes THE TRADESMAN that the report that that concern intends starting a branch establishment in this city is without foundation.

Putnam & Brooks and Curtis, Dutton & Co. are now represented at Muskegon by John Garvey, who has, for a number of years, managed the Ducey Lumber Co.'s store at North Muskegon.

H. Van Gieson and George Prindle, of Newaygo, have formed a copartnership under the firm name of H. Van Gieson & Co., and engaged in the drug business on South Division street. Hazeltine, Perkins & Co. furnished the stock.

The following item from a Morley correspondent, will be of peculiar interest to the creditors of Mr. Carr in this locality: "Jas. M. Carr is going to remove his mill from Pleasant Corners to a large tract of pine, which he owns, near Chippewa Lake."

Peter Ross, of Wayland, who has lately been carrying on business in his wife's name (M. M.), received about \$200 worth of goods on consignment, disposed of the same, and pocketed the proceeds. A charge of embezzlement will accordingly be lodged against him.

Assignee Darragh stated to a reporter of THE TRADESMAN the other day that in case he wins in the litigation now in progress between the Sowers & White estate and Potter, Beattie & Co., at Ovid, he will be able to pay the creditors of the former about 50 per cent. In case of a failure, it is difficult to foretell how well the creditors will fare.

W. H. Hooper, of Hooper, Allegan county, was in the city Saturday. He has a hardwood sawmill and general supply store at Hooper, a new station on the line of the Michigan & Ohio, two and one-half miles west of Monticello. He has about a half million feet of ash and maple logs in his yard, and will start up his mill for the season about April 1. Mr. Hooper ships to Grand Rapids, Toledo and Detroit, but says he usually finds the first-named place the best market of the three.

L. E. Hawkins has purchased the business lot on the southwest corner of Ionia and Fulton streets, with 50 foot front on Ionia street and 110 foot on Fulton street, and a 20 foot alley in the rear. As soon as spring opens, Mr. Hawkins will begin the erection of a four-story and basement brick building, covering the entire lot, especially adapted for the wholesale grocery business of Messrs. Hawkins & Perry. The entire front on the first floor will be given up to an office and sample room, with a shipping room in the rear, opening on Fulton street and the alley, in which a side-track will be laid from the main track of the G. R. & I. All things considered, the location is the most available, for the purpose, of any in the city.

AROUND THE STATE.

A. J. Collar & Co., druggists at Reed City, are closing out.

Beardsley & Davis, sleigh makers of Hersey, have failed.

D. R. Meengs, druggist at Holland, has removed to Muskegon.

Robson & Blair succeed H. L. Narregran in the grocery business at Edmore.

Henry Henkel will erect a brick business block at Howard City the coming season.

E. J. Evans succeeds Evans & Brooks in the tin and sheet iron business at Hastings.

P. B. Brown & Co., dry goods and boot and shoe dealers at Gobberville, have assigned.

Seymour & Smith have sold their clothing stock at Reed City to McClellan & Armstrong.

Barton & Morton, confectioners at Big Rapids, have dissolved, Mr. Barton continuing the business.

E. C. Whitney, the Middleville grocer, has effected a settlement with his mortgage creditors and resumed business.

J. C. Thompson has sold his grocery stock at Baldwin to Geo. C. Townsend, who has consolidated it with his own.

J. L. Graham, of Hopkins, has leased a store building at Wayland, and will engage in general trade at that place about April 1.

B. D. Wilcox has sold his drug stock at Millbrook to T. W. Preston, of Lowell.

Dwight Waters, late of Grand Rapids, has charge of the store.

Russell Ward and M. L. Smith have formed a copartnership under the firm name of R. Ward & Co., and engaged in the book and stationery business at Ionia.

Frank C. Brooks and Lannes W. Kenfield have formed a copartnership at Hastings under the firm name of Brooks & Kenfield, and engaged in the tin, copper and sheet iron business.

Mr. S. A. Nickerson has sold his interest in the firm of S. A. & A. S. Nickerson, to Miss Ella Wamsley, who with Mrs. Nickerson will continue the book, stationery, and fancy goods business at Cedar Springs.

S. E. Slade & Co., of Stanton, writes THE TRADESMAN that they are closing out that portion of their general stock which was saved from the fire of February 22, with the intention of retiring from trade. They will continue their shingle business the same as before.

MANUFACTURING MATTERS.

Loucks & Adams have started up their broom factory at Sylvester.

The Excelsior Pearl Button Works will leave Adrian for East Saginaw.

Lakeview people are agitating the question of starting a cedar pail factory.

Manistee salt wells now produce 3,100 barrels a day, and two more are going down.

Wyman & Benedict will engage in the planing mill and box factory business at White Cloud.

W. Fox & Son, saw mill operators at Freepoint, contemplate putting in another mill at Carleton Center.

Smith, Collis & Bennett, of Ludington, recently sold three cars of inch uppers to go to Valparaiso, Chilli.

Filer Bros., of Manistee, recently paid \$10 a thousand for 500,000 feet of logs above Jam 1, in the Manistee river.

The Staples & Covell mill, at Whitehall, is being repaired and overhauled preparatory to the coming season's business.

Peter McGregor has purchased the old tannery building at Frankfort and will engage in the manufacture of sawed woods.

Big Rapids Herald: Hood & Gale are preparing to lumber in the Upper Peninsula, and the mill near Rodney is to do service up there.

George Priest and William Medill, Jr., have bought the Dean & Davis mill property, at Ellsworth. They propose stocking the mill with shingle bolts and logs.

Plainwell Independent: Efforts are being made to induce the Ives & Bush Manufacturing Co. of Vicksburg to locate in Plainwell. The company manufactures doors, etc.

The Detroit Lumber Co. is making improvements in its mill property at Menominee. A new burner is being erected, a new engine foundation being built, and the engine thoroughly repaired.

J. Otis & Co. are now employing about twenty-five men in their broom factory at Mancelona, and turning out fifty dozen brooms per day. Large shipments have lately been made to Chicago, Detroit, East Saginaw and Bay City.

Buckley & Douglas have about 1,000,000 hardwood logs, mostly maple, elm and white ash, piled along the Manistee river from Sherman to the mouth of the south branch, which they will roll in and try to drive down in June to be sawed at Manistee.

Hastings Banner: Messrs. T. D. French & Son, of Middleville, will take stock from our citizens for a \$30,000 roller mill in our city. Hastings has long suffered from the lack of a good flouring mill, and here is a chance for our citizens.

The Alba Handle Co. has resumed operations, using eight turning lathes and employing from seventy-five to one hundred men and boys. The company will also handle a stock of general merchandise which will be under the supervision of D. A. Stratton.

The Onokema Lumber Co., at Onokema, near Manistee, has in 2,500,000 feet of hemlock logs and 800,000 feet of hardwood. Nine companies and firms have maple, cherry, white ash, elm, basswood and other hardwood lumber piled on dock, ranging in amount from 20,000 to 400,000 each.

STRAY FACTS.

Bellaire is the first town in Antrim county to have a bank.

J. Yarger and S. Finch are preparing to erect a hotel at Freepoint.

Vriesland was connected with the telephone line from Grand Rapids to Holland this week.

Several prominent business men at St. Johns are circulating a "feeler," with the erection of a brick hotel in view. St. Johns has the name of having the poorest hotel buildings of any town of its size in the State. If a bonus cannot be raised a stock company will probably be organized to erect and run a suitable building.

South Boardman boasts of one general store, one drug store, one dry goods and clothing store, one hardware, tinshop and grocery store, one grocery and provision store, one flour and feed store, two meat markets, millinery store, skating rink, barber shop and blacksmith shop, three saw mills, and one job shop, where lathe and carpenter work is done, and one flouring mill.

Cadillac Times: One of our dealers had an unpleasant experience one day last week. Having a suspicion that a trusted employee was not dividing the cash fairly, but was taking more than his share of the receipts, he appointed a committee of one, and that one himself, to do a little detective work. He proved to be a good one in that line, for he captured his man and made him confess to numerous thefts from the till. It is not necessary to state that said trusted employee is now out of employment.

Great is "One-Quarter Off."

Several retail dealers in this city have lately advertised "¼ off" sales, claiming that there is more money in that way of advertising than in any other. With a view to ascertaining wherein the profit lies, a reporter of THE TRADESMAN approached a merchant who is now conducting one of these sales and solicited an explanation.

"You see that article?" he replied, pointing to a staple commodity, "well, we ordinarily get 35 cents for it. But we put the price up to 50 cents, advertise '¼ off,' and get 37½ cents for it, which gives us the original price and 2½ cents for advertising. As a rule, people do not look into the real value of any article, so long as they think they are getting it below the regular price. I don't look upon this way of doing business as exactly legitimate, but then our neighbors do the same, and, besides—it pays."

Such is the true inwardness of "¼ off."

The Gripsack Brigade.

Ralph Blockswa left Monday for a trip through the Holland Colony in the interest of Voigt, Herpolsheimer & Co.

W. S. Barnett, traveling representative for the Peninsular Stove Works, Detroit, left yesterday for Chicago on his usual Western trip.

The sale of tickets for the traveling men's party is almost unprecedented. From present indications, Armory Hall will be crowded to its utmost capacity next Friday evening.

"By-Gee-Crip" Jennings had sold twenty-two tickets to the traveling men's party up to Monday morning, and promises to get away with a dozen more before Friday evening.

S. J. Gottlieb, general agent for the Kentucky Railroad Tobacco Co., of Covington, Ky., has gone to Kansas City and Omaha on business for his house. He has engaged Dick Mangold to look after the city trade for him during his absence.

Capt. H. H. Crandall, general manager for Glazer & Frame, the Reading, Pa., cigar manufacturers, put in a couple of days at this market last week. Mr. Crandall has carried the medal awarded to the champion long shot of Pennsylvania for five years past.

Dr. J. B. Evans is now comfortably settled in his new home at 209 South Union street, and will give a reception to the traveling fraternity, on Wednesday evening, April 1. Four boxes of herring and a bag of peanuts—purchased at the wholesale price—have been provided for the occasion.

J. Free Smith, the genial representative of B. F. Farrington & Co., of Detroit, writes a Grand Rapids friend that the injuries recently sustained by a fall at Stanton have affected the sciatic nerve in one of his legs, in consequence of which he is not yet able to leave his bed. The fact that he is provided with an accident insurance policy, however, is some consolation.

Geo. Seymour tells a good story illustrative of the ignorance of an Ironton business man. It seems that the man had owed Hugo, Schneider & Co. about \$30 for several months and paid no attention to numerous statements. On the occasion of his last visit to Petoskey, George drove over to Ironton—a distance of about twenty-five miles—for the purpose of collecting the amount, and was nonplussed to learn that the man had paid the bill several months before. George declared that the house had never received the remittance, whereupon the dealer insisted that it must be the fault of the bank through which the money was sent, as he held the latter's receipt for the same. Upon asking to see the "receipt," the man produced a New York draft, which George speedily pocketed, when he explained the *modus operandi* of bank remittances to an astonished auditor.

Purely Personal.

Dr. J. D. Bowman has decided to locate at Springfield, Mo., and is making every preparation for a vigorous summer's campaign.

E. Medes, the Coral general dealer, was in town last week for the purpose of paying his assessment in the defunct Mansfield insurance company.

The report that Mr. L. E. Hawkins will place a model of his patent car-spring in the corner stone of his new block is probably without foundation.

It is stated that H. B. Fairchild and Geo. R. Perry, both stalwart Democrats, are making a strong canvass of the nomination of alderman in the Third ward.

Fred. B. Clark, of the firm of Clark, Jewell & Co., has gone to the Southern Exposition, by way of the Mammoth Cave. He is accompanied by Walter Northrup.

Geo. Perry, of Hawkins & Perry, and Chas. Prindle, of Wells, Stone & Co., Saginaw City, have lately exchanged compliments, in the way of oyster and codfish decoys. And the end is not yet.

Melvin E. Darragh, manager of D. A. Blodgett's lumbering operations in Clare county, was in town a couple of days last week. He stated that the logging in that vicinity has been practically finished for the season.

Louie Shafer, for the past year clerk for O. H. Richmond & Co., and Miss Flora Richmond, eldest daughter of O. H. Richmond, were married at the family residence, 141 South Division street, by Rev. Henry Powers, pastor of the Unitarian church, last Wednesday.

Morton J. Day, head of the wholesale and retail dry goods house of Day, Campbell & Co., of Detroit, will lead to the altar in November Miss Ella M. Shearer, daughter of Mr. Shearer, president of the First National Bank of Bay City, and one of the wealthiest men in the Saginaw Valley.

Furniture Facts.

Owosso is to have another furniture store. Geo. W. Imus, traveling agent of the Pentwater Furniture Co., was in the city last week.

The St. Johns Manufacturing Co. expects to manufacture extension tables this year at the rate of about 2,000 a month.

J. N. Voorheis has moved his furniture stock from Stanton to Greenville, leaving the former place without a furniture establishment.

Black walnut sawdust is now mixed with linseed gum and moulded into ornamentation for furniture. When varnished it is handsome and more durable than carved work.

The Grand Ledge Chair Co. now has twenty-four hands in its employ and a large number of orders ahead. It received one order last week from New York for \$1,100 worth of chairs.

Will H. Jones, general western traveling agent for the Phoenix Furniture Co., came

in last week from an extended trip in the interest of his house. John W. Bell, the eastern traveling representative of the same house, came in a few days ahead of Mr. Jones.

MISCELLANEOUS.

Advertisements of 25 words or less inserted in this column at the rate of 25 cents per week, each and every insertion. One cent for each additional word. Advance payment.

WANTED—Partner (one posted in groceries) preferred to open a "Knights of Labor" store in Grand Rapids. Reliable party with \$2,000 cash or the owner of a stock of groceries can investigate by addressing K. of L. care THE TRADESMAN.

WANTED—A man competent as book-keeper or general salesman (or both) who can loan on a security \$1,500 to \$2,500. A good salary and a permanent engagement awaits the right party. Address "Reliable," care THE TRADESMAN.

FOR RENT—A desirable store on Canal st., near Monroe. Inquire of L. S. Provin, opposite Sweet's Hotel.

FOR SALE—Whole or half interest in the Prindle drug stock, on the corner of West Bridge and Front Streets. Stock invoiced at \$7,000 and can be bought at a discount, as the principal owner is dead. Address, J. H. Walker, receiver, care Powers & Walker, Grand Rapids.

WANTED—Situation by a young man in a grocery or general store. Four years' experience. Good references. Address Care Box 276, Fremont, Mich.

WANTED—A good drug clerk. One who has had some experience in the wall paper trade and grocery trade preferred. Call or address, Albert E. Smith, Cadillac, Mich. 78

FOR SALE—A nice, clean stock of drugs and stationery. No old stock. Will inventory less than \$1,500. Doing a nice business. Owner has other business to attend to. Inquire of The Tradesman.

FOR RENT—New store building, at Elmira, neatly finished, with counters, drawers and shelves on both sides. Will rent or sell on easy payments. Inquire of D. C. Underwood.

FOR SALE—Cheap for cash, a small stock of drugs and medicines in suburbs of Grand Rapids, Mich. Apply to H. B. Fairchild, City.

WANTED—A situation as traveling salesman or clerk in a jobbing establishment. Have had eight years' experience in retail trade, and can give good references. Address, "M," care "The Tradesman."

WANTED—Situation as billing clerk or copyist in jobbing establishment by a young lady of experience. Best of references from past employers. Address "Billing Clerk," care "The Tradesman."

FOR SALE—The brevity type now used in THE TRADESMAN. The font comprises 222 pounds, including italic, and is well assorted and very little worn. Address this office.

GRAND RAPIDS GRAIN AND SEED CO., SEED MERCHANTS,

WAREHOUSES: 71 Canal St., and Cor. Ionia and Williams Streets. OFFICE: 71 CANAL ST.

GRAND RAPIDS, March 23, 1885.

DEAR SIRS—Below we hand you jobbing prices for today:

Clover, Extra cleaned.....	60 bu	5 00
" Choice.....	"	4 90
" Prime.....	"	4 75
" No. 2.....	"	4 50
" Mammoth Prime.....	"	5 50
" White.....	"	12 00
" Alsike.....	"	12 00
" Alfalfa or Lucerne 25c per lb.....	"	15 00
Timothy, Choice.....	45 bu	1 75
" Prime.....	"	1 65
Red Top.....	14 bu	80
Blue Grass.....	"	2 00
Orchard Grass.....	"	2 50
Buckwheat.....	48 bu	1 00
Peas, White Field.....	60 bu	1 25
Rye, Winter.....	56 bu	75
" Spring.....	"	1 00
Wheat, Spring.....	"	1 75
Barley, Spring.....	"	1 75

Prices on Rape, Canary, Hemp and all other seeds on application.

The above prices are free on board cars in lots of 5 or more bags at a time. Cartage on smaller quantities.

We also carry the largest line of Garden Seeds in bulk of any house in the State west of Detroit, and would be pleased at any time to quote you prices.

All Field Seeds are spot Cash on receipt of goods.

W. T. Lamoreaux, Agt.

MAYHEW'S HEELERS

A Word Why Stocking Heel Protectors Should Be Worn.

A pair will save their cost five times over. Also prevents slipping of the Boot or Shoe at the heel.

Trade supplied by C. R. MAYHEW, 76 MONROE ST., GRAND RAPIDS, MICH.

FOX, MUSSELMAN & LOVERIDGE

Wholesale Grocers,

Sole Owners of ARAB PLUG!

The Best and Most Attractive Goods on the Market. Send for Sample Butt. See Quotations in Price-Current.

WALL PAPER & WINDOW SHADES

At Manufacturers' Prices.

SAMPLES TO THE TRADE ONLY.

House and Store Shades Made to Order.

68 Monroe Street, Grand Rapids.

Nelson Bros. & Co.

CANNED GOODS Sale

OF 8,000 CASES

At the following low prices until further notice.

It is a good time to buy, as stocks of Canned Goods are generally light throughout the country. See to it in time that your wants in this line are without delay fully replenished. You may rest assured that the dealer who buys his Canned Goods at these prices will soon reap big advantages over his neighbor competitor who delays purchasing. The following are all standard brands—all delivered f. o. b. Grand Rapids. We make no charges for drayage.

3 lb Tomatoes, Standards our best brand	95
3 lb Golden Pumpkin, Adrian	90
3 lb Pie Peaches, Standards	1 10
3 lb Yellow Peaches	1 65
2 1/2 lb California Apricots, Standards	2 40
Gallon Apples	1 30
2 lb Blueberries	1 30
2 lb Blueberries, Standards	1 40
2 lb Pears, Erie Duchess, very fine	1 75
2 lb Red Cherries, Evans, Day & Co., stan	1 90
2 lb Red Cherries	85
2 1/2 lb Bartlett Pears, California	2 45
Yarmouth Succotash, large cans	1 35
3 lb Boston Baked Beans	1 40
2 lb Erie Stringless Beans	90
2 lb Sweet Corn, Standard	1 00
2 lb Corn (common)	75
2 lb Peas Field Standards	85
2 lb Peas, Soaked	75
2 lb Lima Beans, fine extra quality	1 15
2 lb Lima Beans, common	75
1 lb Lobsters, picnics	1 05
1 lb Columbia River Salmon, Booth's	1 45
1 lb Sacramento River	1 30
1 lb Mackerel, Potter & Wrightington Standards	1 40
1 lb Cove Oysters, Standards	1 00
2 lb Cove Oysters, Standards	1 80
1/4 lb Sardines, 1/2 Imported	60¢
1/4 lb Sardines, 1/2 Imported	13½
Sardines, mustard, large boxes	10

Our celebrated brand of full cream

"Durham Cheese"

No. 1 White Fish, half barrels, 90s

No. 1 White Fish, pails

No. 1 Mackerel, new and large

No. 1 Mackerel, medium pails

Having no traveling agents, thus saving a large expense,

Drugs & Medicines

Michigan State Pharmaceutical Association.

President—Geo. W. Crouter, Charlevoix.
First Vice-President—Geo. M. McDonald, Kalamazoo.
Second Vice-President—B. D. Northrup, Lansing.
Third Vice-President—Frank Wurzburg, Grand Rapids.
Secretary—Jacob Jenson, Muskegon.
Treasurer—Wm. W. Dupont, Detroit.
Executive Committee—H. J. Brown, A. B. Stevens, Geo. Gundrum, W. H. Keller, F. W. Fincher.
Next place of meeting—At Detroit, Tuesday, October 13, 1885.

Grand Rapids Pharmaceutical Society.

ORGANIZED OCTOBER 9, 1884.

OFFICERS.
President—Frank J. Wurzburg.
Vice-President—Wm. L. White.
Secretary—Frank H. Escott.
Treasurer—Henry B. Fairchild.
Board of Censors—John Peck, Chas. P. Bigelow, Jas. S. Cowin.
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.
Committee on Pharmacy—Hugo Thum, M. B. Kimb, A. C. Bauer.
Committee on Legislation—Isaac Watts, O. H. Richmond, Jas. S. Cowin.
Committee on Trade Matters—H. B. Fairchild, John Peck, Wm. H. Van Leeuwen.
Regular Meetings—First Thursday evening in each month.
Annual Meetings—First Thursday evening in November.
Next Meeting—Thursday evening, April 2, at "The Tradesman" office.

New Form of Protective Plan for the Retail Druggists.
From the Oil, Paint and Drug Reporter.

We alluded some weeks since to a new plan for the protection of retail druggists, that had been devised and suggested, to succeed the defunct Campion plan. The details we did not feel at liberty to give at that time, but they have since been furnished to us by Mr. Isaac W. Ives, the originator of the plan, and we give them herewith. Mr. Ives is president of the Moses Dame Company, which has had a coupon plan in successful operation for a number of years. Before the Campion plan was adopted this coupon plan received the approval of both retailers and jobbers, but it was not put into force, as it was thought to possess some defects which might lead it to fall short of complete and satisfactory protection of the retail trade. Mr. Ives was not at that time an advocate of the general adoption of the plan, for the reason that while it had worked with reasonable success and satisfaction to his company, it was evident to him that it might be improved upon as a scheme for general adoption. The plan of which we give the outlines at this time has been devised by Mr. Ives after a great deal of study and is based upon his experience with the coupon plan, and his observation of other schemes. He has prepared it at the solicitation of a number of proprietors, some of whom were not advocates of the Campion plan and never applied its provisions to their goods. The new plan may be stated in brief as follows:

GENERAL OUTLINE OF IVES' NEW DRUGGISTS' PROTECTIVE PLAN.

1st. Those manufacturers and proprietors who decide to join in the plan, organize a stock company under State laws, suitable for the purpose. The offices can be located at any point, preferably New York, and must be conducted entirely separate from their individual business. This organization could be called by any suitable name; we would suggest something like the following: Druggists' Protective Clearing House, or Druggists' Protective Bureau.

2d. That said manufacturers advance the wholesale price of their goods, say two dollars per dozen on dollar articles, and on other sizes in this proportion, said manufacturers to pay into this Bureau, at stated intervals, upon their sworn statements, the amount of this advanced price upon all goods sold.

3d. That said Bureau furnish to said manufacturers a sufficient number of finely lithographed coupons, which they are to have attached to all their goods. Said manufacturers to give security to the Bureau for all coupons furnished them in advance of sales, coupons so attached not to represent any value in themselves, but be a part of the rebate plan.

4th. That said Bureau mail to every retail druggist in the United States an explanation of the plan and an offer of a cash rebate conditional upon the return of the coupon accompanied by the coupon certificate properly filled out and signed, said certificate having been previously mailed to them by the Bureau.

The following is embodied in the coupon certificate:

The enclosed coupons were detached by us from the goods when sold to the consumers over our own counters, and in no instance were they detached from goods sold by any other dealers, nor from goods remaining unsold in our possession, or elsewhere, and in no instance (directly or indirectly) has our price been varied from advertised rates.

This we certify to by our signature.

Name..... Address.....

5th. That said manufacturers uniformly adopt some well designed brand or stamp (lithographed or engraved) that will be attractive, and have it conspicuously placed on every wrapper, and perhaps label of all goods, after the adoption of this plan, making it a point of advertising this in all printed matter, warning the public against buying any proprietary goods that do not have this stamp of genuineness upon them.

6th. Said Bureau to furnish to each of said manufacturers at stated intervals a list of all rebates paid, together with the name and size of the article and name and address of the druggist selling them.

This plan, as will be seen, entails little labor upon the retailer, and none upon the jobber. It does not attempt to prevent any

body from getting the goods and allows everybody to make a profit if he will, but it also reduces the margin to the general dealer or the cutter to such an extent that there will no longer be any inducement to cut, the margin being too narrow to tempt buyers away from their regular stores. The machinery for enforcing this plan is by no means cumbersome and is adequate to its enforcement and the prevention of violations, without involving any greater expense than the revenues of the company from various sources would provide. The plan, therefore, while affording protection to the retailer would be no expense upon proprietors. Such at least is the claim put forth by the designer of the plan, and it appears to us that his scheme is the most practicable of any that have been presented. That it is possible to devise any scheme that will be absolute proof against violation, we do not believe, but such a one as is outlined above should approach somewhere near inviolability.

Mistakes Incident to the Drug Business.

Gavel in the Grand Rapids Eagle.

I heard a bit of news this morning which will cause our Prohibition neighbors to rejoice. An up-town druggist sent a juvenile clerk to the basement to draw a gallon of whisky from a barrel of whisky nearly full. The lad let it run slowly, started off to attend to something else, forgot the whisky, the barrel was emptied, and that druggist is out \$110. The moral of this tale is—well is there any moral? By the way, this tale reminds me of a story a veteran druggist here tells on himself occasionally. When he was a younger man a customer called for a quart of castor oil just as he received a letter from the charming woman who is now his wife. He went to the barrel, put his measure under the faucet, set the oil running, and then began to devour his letter. He forgot his oil, was oblivious to all but the honied phrases he was so eagerly reading, and that barrel of castor oil all ran into and out of that quart measure.

Evidently an Impostor.

A man with bleary eyes, a rum blossomed nose and features patterned after those of Scar Face Charlie stumbled into Hazeltine, Perkins & Co.'s establishment last Saturday and represented himself as traveling agent for Messrs. Fuller & Fuller and Graham Bros. & Co., of Chicago. He made himself so obnoxious and exhibited such unmistakable symptoms of pugnacity that Mr. Fairchild preferred to leave the fighting part of the programme to those who are paid for it, and accordingly telephoned for a policeman. Before the latter arrived, however, the man had succeeded in making a tour of the establishment and was ejected from the premises by a muscular porter.

The Drug Market.

Business continues good, and collections continue to improve. The market is about steady, the only fluctuation of note which has occurred during the past week being in the matter of quinine.

The druggists at Lowell, Mass., last week made a determined effort to undersell each other in the prices of patent medicines, and lively cuts were made, averaging from thirty to forty per cent. Store windows were completely covered up with placards enumerating the reductions, and many proprietors changed their prices a dozen times during one day. The warfare was the sensation of the day, and many dealers have been actually selling goods below cost. It is probable that a meeting of the Lowell Pharmaceutical Society will have to be called to regulate the matter.

The new paper bottles are said to withstand the action of water, wine and alcohol. It is thought that druggists will be able to furnish them free of charge, just as they provide wrapping paper for dry goods. The cementing material of the bottles is a mixture of blood, albumen, alum, and lime.

Secretary Jenson is sending out the proceedings of the second annual meeting of the Michigan State Pharmaceutical Society, which make a pamphlet of 228 pages. Extra copies can be obtained by remitting 50 cents to the Secretary.

Oil resembling the castor variety, purgative in character and totally unlike petroleum, is said to have been struck recently in the vicinity of Port Byron, N. Y., by parties who were drilling with a view to restoring a dry well.

Cocaine, which soothes the pain felt by us from the goods when sold to the consumers over our own counters, and in no instance were they detached from goods sold by any other dealers, nor from goods remaining unsold in our possession, or elsewhere, and in no instance (directly or indirectly) has our price been varied from advertised rates.

A putty of starch and chloride of zinc hardens quickly and will last as a stopper of holes in metals for months.

Linseed oil and white lead mixed with glue is good for what is to be exposed to the weather.

DUNHAM'S
Catarrh Lotion.

THE BEST IN THE WORLD!
PRICE 50 CENTS.
WESTERN MEDICINE CO.,
GRAND RAPIDS, MICH.

WHOLESALE PRICE CURRENT.

Declined—Quinine.				Sarsaparilla, Honduras.	40
				Sarsaparilla, Mexican.	20
				Squills, white (Powd 35c)	15
				Valerian, English (Powd 20c)	18
				Valerian, Vermont (Powd 28c)	16
ACIDS.				SEEDS.	
Acetic, No. 8	9 @ 10			Anise, Italian (Powd 20c)	15
Acetic, C. P. (Sp. grav. 1.040)	30 @ 35			Bird, mixed in lb packages.	5 @ 6
Carbolic	33 @ 35			Canary, Smyrna.	4 @ 4 1/2
Citric	3 @ 55			Caraway, best Dutch (Powd 20c)	15 @ 18
Muriatic 18 deg.	3 @ 5			Cardamom, Malabar.	2 25
Nitric 36 deg.	11 @ 12			Celery	20
Oxalic	14 1/2 @ 15			Coriander, best English.	10
Sulphuric 66 deg.	3 @ 4			Flax, clean	3 1/2 @ 4
Tartaric powdered.				Flax, pure grd (bbl 3 1/2)	4 @ 4 1/2
Benzoic, English	12 @ 15			Foenugreek, powdered	7 @ 8
Benzoic, German.	12 @ 15			Hemp, Russian	5 @ 6
Tannic	12 @ 15			Mustard, white Black 10c.	7 1/2
AMMONIA.				Quince	7 1/2
Carbonate	15 @ 18			Rape, English	6 @ 7
Muriate (Powd. 22c)	14			Worm, Levant.	14
Aqua 16 deg or 31.	5 @ 6			SPONGES.	
Aqua 18 deg or 41.	6 @ 7			Florida sheeps' wool, carriage.	2 25 @ 2 50
BALSAMS.				Nassau do do	2 00
Copaiba	55 @ 60			Valerian, English (Powd 20c)	18
Peru	2 00			Extra Yellow do do	85
Tolu	50			Grass do do	65
BARKS.				Hard head, for slate use	75
Cassia, in mats (Powd 20c)	11			Yellow Reef, do do	1 40
Cinchona, yellow	13			ISCELANES.	
Elm, select	14			Alcohol, grain (bbl \$2.22 1/2 gal.	2 32
Elm, ground, pure	15			Alcohol, wood, 45 per cent ex. ref.	1 25
Elm, powdered, pure	10			Anydne Hoffman's.	50
Sassafras, of root.	12			Arsenic, Donovan's solution	27
Wild Cherry, select.	12			Arsenic, Fowler's solution	12
Bayberry powdered.	18			Annatto 1 lb rolls.	45
Blacklock powdered.	30			Alum	2 1/2 @ 3 1/2
Wahoo	12			Alum, ground (Powd 9c)	3 @ 4
Soap ground.	12			Annatto, prime	45
BERRIES.				Antimony, powdered, com'l.	4 1/2 @ 5
Cubeb prime (Powd 1 00c)	6 @ 85			Arsenic, white, powdered	6 @ 7
Juniper	6 @ 7			Blue Soluble	50
Prickly Ash.	50 @ 60			Bay Rum, imported, best.	2 75
EXTRACTS.				Bay Rum, domestic, H. P. & Co.'s.	2 00
Licorice (10 and 25 lb boxes, 25c)	27			Balm Gilead Buds	1 35
Licorice, powdered	37 1/2			Beans, Tonka.	4 1 35
Logwood, bulk (12 and 25 lb boxes).	9			Beans, Vanilla.	7 00 @ 7 50
Logwood, 1s (25 lb boxes).	12			Bismuth, sub nitrate.	2 30
Logwood, 1/2s do	15			Blue Pill (Powd 70c)	2 00
Logwood, 1/4s do	14			Blue Vitrol	6 @ 7
Logwood, ass'd do	13			Borax, refined (Powd 13c)	12
Fluid Extracts—25 cent. off list.	35			Cantharides, Russian powdered	2 25
FLOWERS.				Capsicum Pods, African	18
Arnica	10 @ 11			Capsicum Pods, African pow'd.	22
Chamomile, Roman	25			Capsicum Pods, Bombay	4 00
Chamomile, German.	25			Carmine, No. 40.	12
GUMS.				Cassia Buds.	75
Aloes, Barbadoes	60 @ 75			Calomel, American	12
Aloes, Cape (Powd 24c)	70			Chalk, prepared drop.	12
Aloes, Socotrine (Powd 60c)	50			Chalk, precipitate English.	1 60
Ammoniac	28 @ 30			Chalk, red fingers.	8
Arabic, extra select.	60			Chalk, white lump.	1 60
Arabic, powdered select.	50			Chloroform, Squibb's	85 @ 90
Arabic, 1st picked.	50			Colocynth apples	1 50
Arabic, 2d picked	40			Chloral hydrate, German crystals.	1 50
Arabic, sifted select	30			Chloral do do crystals.	1 75
Assafetida, prime (Powd 35c)	25			Chloral do do Scherff's do	1 90
Camphor	19 @ 22			Chloral do do crystals.	1 75
Catechu, 18 1/2 lb, 1/4 lb	13			Chloroform	85 @ 90
Euphorbium powdered.	35 @ 40			Cinchonidia, P. & W.	40 @ 45
Galbanum strained.	80			Cinchonidia, other brands.	40 @ 45
Gamboge	90 @ 100			Cloves (Powd 23c)	18 @ 20
Guaiac, prime (Powd 45c)	20			Coccol	45
Kino (Powdered, 30c)	20			Cocoa Butter.	45
Mastic	40			Coppers (by bbl 1c)	40
Myrrh, Turkish (Powdered 47c)	40			Corrosive Sublimate	70
Opium, pure (Powd \$5.50)	30			Corks, X and XX—40 off list.	40
Shellac, Campbell's	26			Cream Tartar, pure powdered.	15
Shellac, English	26			Cream Tartar, grocer's, 10 lb box.	15
Shellac, native	24			Cresote	50
Shellac bleached	30			Cudbear, prime	24
Tragacanth	30 @ 100			Cuttle Fish Bone	24
HERBS—IN OUNCE PACKAGES.				Dextrine	12
Hoarhound	25			Dover's Powders	1 10
Lobelia	25			Dragon's Blood Mass.	50
Peppermint	25			Ergot powdered.	45
Rue	25			Ether Squibb's	1 10
Sage	25			Emery, Turkish, all No.'s.	8
Sweet Majoram	25			Epsom Salts	2 @ 3
Tanzy	25			Ergot, fresh.	50
Thyme	25			Ether, sulphuric, U. S. P.	60
Wormwood	25			Flake white.	14
IRON.				Grains Paradise.	90
Citrate and Quinine	6 40			Gelatin, Cooper's	25
Solution mur., for tinctures.	20			Gelatin, French	45 @ 70
Sulphate, pure crystal.	60			Glassware, flint, 70 off by box 60 off	
Citrate	65			Glassware, green, 60 and 10 dis.	12 @ 17
Phosphate	65			Glue, ca met.	16 @ 28
LEAVES.				Glue, white.	15 @ 20
Buchu, short (Powd 25c)	13 @ 14			Glycerine, pure.	25 @ 40
Sage, Italian, bulk (1/4 & 1/2 lb, 12c)	6			Hops 1/2s and 1/4s.	25 @ 40
Senna, Alex, natural	18 @ 20			Iodoform 1/2 oz.	35 @ 40
Senna, Alex, sifted and garbled.	30			Indigo	85 @ 100
Senna, powdered	22			Insect Powder, best Dalmatian.	35 @ 40
Senna Linwell	10			Iodine, resublimed.	4 00
Uva Ursi	10			Istinglass, American	1 50
Belleadonna	35			Japonica	8
Foxglove	35			London Purple.	10 @ 15
Hemlane	35			Lead, acetate.	15
Rose, red	2 35			Lime, chloride, (1/2s 2s 10c & 1/4s 11c)	1 00
LIQUORS.				Lupulodium	1 00
W. D. & Co.'s Sour Mash Whisky.	2 00 @ 25			Lycopodium	50
Druggists' Favorite Rye	75 @ 80			Mace	50
Whisky, other brands	1 10 @ 50			Madder, best Dutch.	12 1/2 @ 13
Gin, Old Tom	1 35 @ 75			Manna, S. F.	60
Gin, Holland	2 00 @ 60			Mercury	60
Brandy	1 75 @ 60			Morphia, sulph., P. & W.	3 00 @ 25
Catawba Wines.	1 25 @ 60			Musk, Canton, H. P. & Co.'s.	10
Port Wines.	1 35 @ 60			Moss, Irish.	12
MAGNESIA.				Mustard, English.	30
Carbonate, Pattison's, 2 oz	22			Mustard, grocer's, 10 lb cans.	18
Carbonate, Jennings's, 2 oz.	2 25			Nutmegs.	60
Citrate, H. P. & Co.'s solution.	65			Opium	60
Calcedine	65			Nux Vomica.	10
OILS.				Ointment, Mercurial, 1/2 d.	45
Almond, sweet	45 @ 50			Paris Green	17 @ 25
Amber, rectified	1 45			Peppor, Black Berry	10
Anise	1 85			Pepsin	2 50
Bay 1/2 oz	1 50			Pitch, True Burgundy	7
Bergamont	1 80			Quassia	6 @ 7
Castor	18 @ 19 1/2			Quina, Sulph., P. & W.	10 @ 100
Croton	2 00			Quinine, German.	35 @ 40
Calceat	75			Red Precipitate.	85
Cassia	1 00			Seidlitz Mixture	28
Cedar, commercial (Pure 75c)	75			Strychnia, cryst.	1 60
Citronella	1 20			Sal Nitre, cryst.	77 @ 80
Cloves	1 50			Sal Glauber	2 @ 2
Cod Liver, filtered.	1 20			Sal Nitre, large cryst.	9
Cod Liver, best	3 50			Sal Nitre, medium cryst.	29
Cod Liver, H. P. & Co.'s, 16	6 00			Sal Rochelle	33
Cubeb, P. & W.	7 50			Sal Soda	2 @ 2 1/2
Erigeron	1 60			Salicin	2 15
Geranium 1/2 oz.	75			Santonin	6 50
Hemlock, commercial (Pure 75c)	75			Snuffs, Maccoboy or Scotch.	38
Juniper berries	2 00			Soda Ash (by keg 3c)	4
Lavender flowers, French	2 01			Spermaceti	35
Lavender garden	1 00			Soda, Bi-Carbonate, DeLand's.	4 1/2 @ 5
Lavender spike do	1 90			Soap, White Castile	17
Lemon, new crop.	1 40			Soap, Green do	17
Lemon, Sanderson's.	1 50			Soap, Mottled do	19
Lemongrass	80			Soap, do do	14
Olive, Malaga	61 @ 20			Soap, Mazzini	26 @ 28
Olive, "Sublime Italian"	2 75			Spirits Nitre, 3 F.	30 @ 32
Origanum, red flowers, French.	1 25			Spirits Nitre, 4 F.	30 @ 32
Origanum, No. 1	1 09			Sugar Milk powdered	3 1/2 @ 4
Penrynaxol	4 75			Sulphur, flour	3 1/2 @ 4
Peppermint, white	4 75			Sulphur, roll	3 @ 3 1/2
Rose 1/2 oz.	8 50			Tartar Emetic	60
Rosemary, French (Flowers \$1 50)	6 50			Tar, N. C. Pine, 1/2 gal. cans 1/2 doz	2 70
Salad	65 @ 67			Tar, do quarts in tin.	1 40
Sandal	1 00			Tar, do pints in tin.	1 25
Sandal Wood, German.	4 50			Turpentine, Venice	25
Sandal Wood, W. I.	7 00			Wax, White, S. & F. brand.	55
Sassafras	67 @ 00			Zinc, Sulphate	7 @ 8
Spearmint	2 00			OILS.	
Arany (by gal 50c)	4 50 @ 65 00			Capitol Cylinder.	
Wintergreen	2 20			Model Cylinder.	
Wormwood, No. 1 (Pure \$5.00).	4 00			Shields Cylinder.	
Wormseed	2 50			Eldorado Engine.	
POTASSIUM.				Peelers Machinery.	
Bicromate	14			Challenge Machinery.	
Bromide, cryst and gran. bulk.	36			Backus Fine Engine.	
Chlorate, cryst (Powd 23c)	19			Black Diamond Machinery.	
Iodide, cryst and gran. bulk.	2 90			Castor Machinery.	
Prussiate yellow	28			Paraffine, 25 deg.	
ROOTS.				Paraffine, 28 deg.	
Alkanet	20			Sperm, winter bleached.	1 G
Althea, cut	25			Whale, winter.	70
Arrow, St. Vincent's	17			Lard, extra.	64
Arrow, Taylor's, in 1/4s and 1/2s.	13			Lard, No. 1.	55
Blood (Powd 18c)	12			Lined, pure raw	51
Calamus, peeled	18			Unseed, boiled	51
Calamus, German white, peeled.	35			Neat's Foot, winter strained.	30
Eleanore, powdered	20			Spirits Turpentine	36
Gentian (Powd 15c)	13 @ 14			VARNISHES.	
Ginger, African (Powd 16c)	13			No. 1 Turp Coach.	1 00 @ 1
Ginger, Jamaica bleached.	17			Extra Turp.	1 00 @ 1
Golden Seal (Powd 30c)	25			Coach Body.	2 75 @ 3
Heliozore, white, powdered	25			No. 1 Turp Furniture.	1 00 @ 1
Ipecac, Rio, powdered.	1 10			Extra Turp Damur.	1 50 @ 1
Jalap, powdered	30			Japan Dryer, No. 1 Turp.	70 @ 75
Licorice, select (Powd 12 1/2)	12			PAINTS.	
Licorice, extra select.	15			Red Venetian	1 1/2 @ 2 1/2
Pinx true	30			Ochre, yellow Marselles.	1 1/2 @ 2
Rhei, from select to choice.	1 00 @ 1 50			Ochre, yellow Bernuda.	1 1/2 @ 2
Rhei, powdered E. I.	1 10 @ 1 20			Putty, commercial.	2 1/2 @ 3
Rhei, choice cut cubes	2 00			Putty, strictly pure.	2 1/2 @ 3
Rhei, choice cut fingers	2 25			Vermilion, prime American.	13 @ 15
				Vermilion, English.	10 @ 12
				Green, Venetian.	8
				Lead, red strictly pure.	50
				Lead, white, strictly pure.	50
				Whiting, white Spanish.	4
				Whiting, Gliders	5
				Whiting, Paris English cliff.	1
				Whiting, Paris English cliff.	1
				Pioneer Prepared Paints.	1 20 @ 1
				Swiss Villa Prepared Paints.	1 00 @ 1

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The Old Log Cabins.

J. W. Donovan in the Current.

The old log cabins! where are they?—with their rough bark sides and steep gables, their long shingle roofs held in place, not by nails, but by poles spaced off at half-yard distances; their "stick" chimneys and broad fire-places, over which once hung the singing tea-kettle, around which I can almost see to-night a group of a half-dozen school-children reading their lessons by the clear firelight—children all grown to manhood and womanhood, and maybe themselves pioneers on a faraway mountain of Montana, or in the New Mexico ranches, and lacking many of the solid comforts of the old log cabin of thirty years gone by.

How pleasant it is to recall the friendly neighbors as they gathered in an evening visit. The chairs are placed back in a half-circle; the broad room is not too large for the cheerful gathering. None are in full-dress, but they are all full-hearted. With humor unstinted and generous natures unchecked, they tell of the weather, the snow, the clearing, the markets, the schools, and the "meetings," of the faraway New England that someone has just heard from; of the news from weekly papers; of the runaway slaves escaping into Canada; of the new Administration and the little that is known in the world so distant from lack of a few wires and engines.

They are not dull or tedious, nor do they count the hours till then, when, before leaving, they kneel reverently, each by his chair, and two short, earnest prayers are offered. They seem to pray for everyone; for the wanderer in the bleak forest, if any there be, without shelter; for food and raiment; patience and charity; for the loved they have left and the prospects of the future; for health, for hope eternal, and for the double blessing of a peaceful life.

They have gone! wrapped up in their sleighs, three, five, eight miles, out into the wilderness! gone to their homes with renewed courage and bravery, to battle with the trees and the forest, and carve out a home for their offspring. They have lived to see the changes, maybe, but they have not lived to see a more hearty and enduring friendship, more devoted and earnest Christians more substantial and determined prosperity. They have built the solid structure on which our national character leans for support in the hour of peril and danger—the love of right and eternal friendship for good government.

The first Sunday night in the new log cabin of a then far-western State was a strange sensation to a little boy that he has never forgotten in the rapidly passing thirty years since such cabins were in the height of fashion all over the western Union.

It seems like a dream, and when I close my eyes and think as I do some Sunday nights, when the shutters of the heart are opened and the light comes in as through a vision, the scene is reviewed again and I recall the huge fire place the evening visits and late, warm suppers, the long sleigh loads and ox-team turnouts, the few and meager pastimes, yet the heartily enjoyed hours at the humble farmhouse.

I can see the tall trees felled in windrows, the fallow fields, the black, burnt fields and blazing log-heaps on the new made clearing that has long since been turned to a farm fit for mowers and reapers. By the blazing light stood the father and his plainlad boys, watching the red flames consume the huge logs to make room for the seeding and the harvest. It was work. It was courage. It was bravery. Someone must bear it. Many a man bore it like a hero. Many a woman bore it like a martyr. They are gone; worn out like the roots of the forest they felled with their axes. Time has reaped them as with a sickle, and scarcely a man is left living of the old, old settlers that first cleared the fields of Ohio, Michigan, Illinois, Indiana, and Wisconsin. Their sons and successors may have seen, or heard of their labor, but scarcely can realize their hardships. Riding to the village in a covered carriage drawn by seal-brown teams in silver harness, how little do they know of privation?

The old, thrifty settlers from the Green Mountains, the Mohawk Valley, the Walnut Ridge, or the Catskills are replaced by the few remaining children who cling to the red barns and white cupolas, the side-hill plows and the rich milk and dairy districts, but the heartiest, bravest, and most daring have gone westward, like the Star of Empire, and peopled the States and Territories of like latitude, or built up the cities and villages of the great Northwest.

That the mind should linger awhile around the fond old scenes, the pale yellow farmhouse, and little, low school-house, with the moss-covered stone walls of New England, where farming wears such a look of hopeless unhappiness compared to the rich, broad fields of Illinois, Iowa, Michigan, Kansas, and Dakota, is but natural and real. The causes are railroads, energy, free homes, and the dignity of labor.

Of all men remembered and admired by the early settlers none outrank the stalwart woodmen with strong arms, broad shoulders—the quick choppers at the logging-bees or the men of might at the house-raising. To these we looked up with wonder, awe and admiration. The faded headstones

bear their names in silence, but the orchard of plenty, the fields of grain in season and the land they made to bloom as a garden is their lasting monument.

Here and there I have seen one of these pioneer landmarks that I remember with pride and satisfaction—the scenes of our early settlers; of the wolves and panthers, the wild deer and the lost oxen; the heavy work and poor profits of farming; and I never yet have found one, no, not one, who looked or spoke as though he ever enjoyed the full fruits of his labor, except in the broad sense of having lived, not in vain by leaving the world and his kindred the happier for his having improved the soil that he was so soon to part with forever.

WHOLESALE PRICE CURRENT.

WIDE BROWN COTTONS.
Androscoogin, 94, 23 Pepperell, 104, 25
Androscoogin, 84, 21 Pepperell, 114, 27 1/2
Pepperell, 74, 18 1/2 Pequot, 74, 18 1/2
Pepperell, 84, 20 Pequot, 84, 21
Pepperell, 94, 22 1/2 Pequot, 94, 24
CHECKS.

Caledonia, XX, oz., 11 Park Mills, No. 90, 14
Caledonia, X, oz., 10 Park Mills, No. 100, 15
Economy, oz., 10 Prodigy, oz., 11
Park Mills, No. 30, 10 Otis Apron, 10 1/2
Park Mills, No. 60, 11 Otis Furniture, 10 1/2
Park Mills, No. 70, 12 York, 1 oz., 10
Park Mills, No. 80, 13 York, A.A., extra oz., 14

OSABURG.
Alabama brown, 7 Alabama plaid, 7
Jewell briwn, 9 1/2 Augusta plaid, 7
Kentucky brown, 10 1/2 Toledo plaid, 7
Lexington brown, 9 1/2 Manchester plaid, 7
Lane brown, 9 1/2 New Tenn. plaid, 11
Louisiana plaid, 7 Utility plaid, 6 1/2

BLEACHED COTTONS.
Avondale, 36, 11 1/2 Hill, 44, 5 1/2
Art cambrics, 36, 11 1/2 Hill, 7-8, 6 1/2
Androscoogin, 44, 8 1/2 Hill, 7-8, 6 1/2
Androscoogin, 54, 12 1/2 Hope, 44, 6 1/2
Ballou, 44, 6 1/2 King Philip cam, 11 1/2
Ballou, 54, 6 1/2 King, 44, 11 1/2
Boott, 0, 44, 8 1/2 Linwood, 44, 7 1/2
Boott, B. 55, 7 Lonsdale, 44, 7 1/2
Boott, AGC, 44, 9 1/2 Lonsdale cambric, 10 1/2
Boott, R. 34, 5 1/2 Langdon, GB, 44, 9 1/2
Blackstone, AA, 44, 7 Langdon, 45, 14
Chapman, X, 44, 6 Masonville, 44, 8
Conway, 44, 7 Maxwell, 44, 10 1/2
Cabot, 44, 6 New York Mill, 44, 10 1/2
Cabot, 7-8, 6 New Jersey, 44, 8
Canoe, 34, 4 Pocasset, P. M. C., 7 1/2
Domestic, 36, 7 1/2 Pride of the West, 11
Dwight Anchor, 44, 9 Pocahontas, 44, 7 1/2
Dyrol, 44, 9 Slaterville, 7-8, 6 1/2
Fruit of Loom, 44, 8 1/2 Victoria, AA, 9
Fruit of Loom, 7-8, 7 1/2 Woodbury, 44, 5 1/2
Fruit of the Loom, 11 Whittinsville, 44, 7 1/2
Camble, 44, 11 Whittinsville, 7-8, 6 1/2
Gold Medal, 44, 6 Wamsutta, 44, 10 1/2
Gold Medal, 7-8, 6 Williamsville, 36, 10 1/2
Gilded Age, 8 1/2

SILKES.
Crown, 17 Masonville TS., 8
No. 10, 12 1/2 Masonville S., 10 1/2
Coin, 10 Lonsdale, 9 1/2
Anchor, 15 Lonsdale A., 16
Centennial, 8 Victory J., 10
Blackburn, 14 Victory O., 10
Davol, 14 Victory D., 10
London, 12 1/2 Victory K., 10 1/2
Paconia, 12 Phoenix A., 10 1/2
Red Cross, 10 Phoenix B., 10 1/2
Social Imperial, 16 Phoenix XX, 5

PRINTS.
Albion, solid, 5 1/2 Gloucester, 6
Allen, grey, 6 Gloucestermourn, 6
Allen's checks, 5 1/2 Hamilton fancy, 6
Allen's fancy, 5 1/2 Hartel fancy, 6
Allen's pink, 6 Merrimac D., 6
Allen's purple, 6 Manchester, 6
American, fancy, 5 1/2 Oriental fancy, 6
Arnold fancy, 6 Oriental robes, 6 1/2
Berlin solid, 5 1/2 Pacific robes, 6
Cochecho fancy, 6 Richmond, 6
Cochecho robes, 6 Steel River, 5 1/2
Conestoga fancy, 6 Simpson's, 6
Eddystone, 6 Washington fancy, 7 1/2
Eagle fancy, 5 Washington blues, 7 1/2
Garner pink, 6

FINE BROWN COTTONS.
Appleton A, 44, 7 1/2 Indian Orchard, 40, 8
Boott M, 44, 6 1/2 Indian Orchard, 36, 7 1/2
Boston F, 44, 7 1/2 Leconia B, 74, 16 1/2
Continental C, 43, 6 1/2 Lyman B, 40-in, 10 1/2
Continental D, 40-in, 8 1/2 Mass, BB, 44, 5 1/2
Conestoga W, 44, 6 1/2 Nashville, 40-in, 8 1/2
Conestoga D, 7-8, 5 1/2 Nashville, 44, 44, 7 1/2
Conestoga G, 30-in, 6 Nashua O, 7-8, 6 1/2
Dwight X, 34, 5 1/2 Newmarket N, 6 1/2
Dwight Y, 7-8, 5 1/2 Pepperell E, 39-in, 7
Dwight Z, 44, 6 1/2 Pepperell R, 44, 7 1/2
Dwight Star, 44, 7 Pepperell O, 7-8, 6 1/2
Ewight Star, 40-in, 9 Pepperell N, 34, 6 1/2
Enterprise EE, 36, 5 Pocasset C, 44, 6 1/2
Great Falls E, 44, 7 Saranac E, 44, 7 1/2
Farmers' A, 44, 6 Saranac E, 44, 7 1/2
Indian Orchard 14 7 1/2

DOMESTIC GINGHAMS.
Amoskeag, 7 1/2 Renfrew, dress styl 7 1/2
Amoskeag, Persian, 10 1/2 Johnson Manfg Co, 12 1/2
Bates, 7 1/2 Bookfold, 12 1/2
Berkshire, 7 1/2 Johnson Manfg Co, 12 1/2
Berkshire, 7 1/2 dress styles, 12 1/2
Glasgow checks, 7 1/2 Slaterville, 7 1/2
Glasgow checks, 7 1/2 styles, 7 1/2
Glasgow checks, 7 1/2 White Mfg Co, stap 7 1/2
royal styles, 8 White Mfg Co, fane 8
Gloucester, new White Mfg Co, 8
standard, 7 1/2 Earlston, 8
Plunket, 7 1/2 Gordon, 7 1/2
Lancaster, 8 Greylock, dress 7 1/2
Langdale, 7 1/2 styles, 12 1/2

WIDE BLEACHED COTTONS.
Androscoogin, 74, 21 Pepperell, 104, 27 1/2
Androscoogin, 84, 23 Pepperell, 114, 29 1/2
Pepperell, 74, 20 Pequot, 74, 21
Pepperell, 84, 22 1/2 Pequot, 84, 24
Pepperell, 94, 25 Pequot, 94, 27 1/2

HEAVY BROWN COTTONS.
Atlantic A, 44, 7 1/2 Lawrence XX, 44, 7 1/2
Atlantic H, 44, 7 Lawrence Y, 30, 7 1/2
Atlantic D, 44, 6 1/2 Lawrence LL, 44, 5 1/2
Atlantic P, 44, 5 1/2 Newmarket N, 6 1/2
Atlantic LL, 44, 5 1/2 Mystic River, 44, 5 1/2
Adriatic, 36, 6 Pequot A, 44, 7 1/2
Augusta, 44, 6 1/2 Piedmont, 36, 6 1/2
Boott M, 44, 6 1/2 Stark AA, 44, 7 1/2
Boott FF, 44, 7 Tremont CC, 44, 5 1/2
Graniteville, 44, 5 1/2 Wachusett, 44, 7 1/2
Indian Head, 44, 7 1/2 Wachusett, 30-in, 6 1/2
Indiana Head 45-in, 12 1/2

TICKINGS.
Amoskeag, ACA, 14 Falls, XXXX, 18 1/2
Amoskeag, 44, 19 Falls, XXX, 15 1/2
Amoskeag, A, 13 Falls, BB, 11 1/2
Amoskeag, B, 12 Falls, BBG, 36, 19 1/2
Amoskeag, C, 11 Falls, awning, 19
Amoskeag, D, 10 Hamilton, BT, 32, 12
Amoskeag, E, 9 Hamilton, D, 9 1/2
Amoskeag, F, 9 1/2 Hamilton, H, 9 1/2
Premium A, 44, 17 Hamilton fancy, 10
Premium B, 16 Methuen ASA, 18
Extra 44, 14 Omega A, 7-8, 11
Extra 7-8, 14 Omega A, 44, 13
Gold Medal 44, 15 Omega ACA, 7-8, 14
CCA 7-8, 12 Omega ACA, 44, 16
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AP 44, 14 Omega M, 44, 25
Cordis AAA, 35 Shetucket SS&SW 11 1/2
Cordis ACA, 35 Shetucket, S & SW, 12
Cordis No. 1, 32 Shetucket, SFS, 12
Cordis No. 2, 14 Shetucket, 7
Cordis No. 3, 13 Stockbridge frny, 8
Cordis No. 4, 11 1/2

GLAZED CAMBRICS.
Garner, 5 Empire, 4 1/2
Hoskett, 5 Washington, 4 1/2
Hoskett, 5 Edwards, 5
Forest Grove, 5 S. S. & Sons, 5

GRAIN BAGS.
American A, 18 00 Old Ironsides, 15
Stark A, 22 1/2 Wheatland, 21

DENIMS.
Boston, 6 1/2 Otis CC, 10 1/2
Everett blue, 13 1/2 Warren A.A., 12 1/2
Everett brown, 13 1/2 Warren BB, 12 1/2
Otis A.A., 12 1/2 Warren CC, 10 1/2
Otis BB, 11 1/2 York fancy, 13 1/2

PAPER CAMBRICS.
Manville, 6 S. S. & Sons, 6
Masgville, 6 Garner, 6

WIGANS.
Red Cross, 7 1/2 Thistle Mills, 8
Berlin, 7 1/2 Rose, 8
Garner, 7 1/2

SPOOL COTTON.
Brooks, 50 Eagle and Phoenix
Clark's O. N. F., 55 Mills ball sewing, 30
J. & P. Coats, 55 Grech & Daniels, 25
Williamson's cord, 55 Merricks, 40
Williamson's 3 cord, 40 Stafford, 25
Williamson's 1 cord, 40 Hall & Manning, 25
Charleston ball sew, 30 Holyoke, 25
Ing thread, 30

CORSET JEANS.
Armory, 7 1/2 Kearsage, 8 1/2
Androscoogin sat., 8 1/2 Naumkeag satteen, 8 1/2
Canoe River, 6 Pepperell bleached, 8 1/2
Clarendon, 6 Pepperell sat., 8 1/2
Hallowell Imp., 6 Rockport, 7
Ind. Orch. Imp., 7 Lawrence sat., 8 1/2
Laconia, 7 1/2 Conegosat., 7

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We pack a TIN ORDER in one of the lumps in each Butt which is good for either one pair of heavy No. 1 Kip Boots, or one pair of Fancy Calf Boots, or one pair of Calf Button Shoes.

HOW TO GET THE BOOTS.

Send the Boot Order with size wanted, Name, Town, County and State plainly written to the undersigned, and they will forward the boots by the next Express. DON'T FORGET TO MENTION THE KIND WANTED.

Charles W. Allen Company,
Tobacco Manufacturers,
Canal and Monroe Streets, CHICAGO, ILL.
FOR SALE BY ALL FIRST CLASS JOBBERS.

JENNINGS & SMITH,
PROPRIETORS OF THE
Arctic Manufacturing Co.,
20 Lyon St., Grand Rapids.
ASK YOUR JOBBER FOR
Jennings' Flavoring Extracts,

—AND—
Arctic Baking Powder.
OYSTERS
WHOLESALE
OYSTER DEPOT!
117 Monroe St.

F. J. Dettenthaler.
E. F. FALLS,
Wholesale & Commission--Butter & Eggs a Specialty.
Choice Butter always on hand. All Orders receive Prompt and Careful Attention.
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See Our Wholesale Quotations elsewhere in this issue and write for Special Prices in Car Lots.
We are prepared to make Bottom Prices on anything we handle.
A. B. KNOWLSON,
3 Canal Street, Basement, Grand Rapids, Mich.


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WHOLESALE DEALERS IN

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DRY GOODS,
CARPETS,
MATTINGS,
OIL CLOTHS
ETC., ETC.

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Grand Rapids, Michigan.

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Covered with Tin.
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On the Market.
FOR SALE BY—


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—JOBBER OF—
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Commercial Work,
Such as Letter, Note and Bill Heads, Statements, Cards, Envelopes, Blank Orders, Circulars, Dodgers, Etc.
NEW TYPE, NEW PRESS, CLEAN WORK.
CEO. N. DAVIS & CO.,
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Any goods consigned to us will have our best attention. We have STORAGE for over FIFTY carloads, either for light or heavy goods, and will furnish same for any length of time, at reasonable rates. If, at any time, there should be anything in this market you should wish to purchase, no matter what it is, we would be glad to correspond with you.
71 Canal Street, Grand Rapids.

Dairy Matters.

Michigan Dairymen's Association.

Organized at Grand Rapids, February 25, 1885.

President—Milan Wiggins, Bloomingdale.
Vice-Presidents—W. H. Howe, Capac; F. C. Stone, Saginaw City; A. P. Foltz, Davison Station; F. A. Rockfellow, Carson City; Warren Haven, Bloomingdale; Chas. E. Belknap, Grand Rapids; L. F. Cox, Portage; John Borst, Vriesland; R. C. Nash, Hilliards; D. M. Adams, Ashland; Jos. Post, Clarksville.
Secretary and Treasurer—E. A. Stowe, Grand Rapids.
Next Meeting—Third Tuesday in February, 1886.
Membership Fee—\$1 per year.
Official Organ—THE MICHIGAN TRADESMAN.

CONSTITUTION

And By-Laws of the Michigan Dairymen's Association.

CONSTITUTION.

ARTICLE I—Title.

The name of this Association shall be the "Michigan Dairymen's Association."

ARTICLE II—Objects.

The objects of the Association shall be to procure and diffuse scientific and practical knowledge in all things pertaining to the business of dairying and the sale of dairy products.

ARTICLE III—Qualification for Membership.

Any person of good repute may become a member of this Association on payment of the required fee.

ARTICLE IV—Officers.

The officers of this Association shall consist of a President, First Vice-President, one Vice-President from each county represented, a Secretary and Treasurer, and Standing Committees as fixed by the By-Laws; all of whom shall hold their offices for one year from the third Wednesday in February, or until the adjournment of the annual meeting which succeeds their election.

ARTICLE V—Duties.

The officers elected at an annual meeting shall organize for the purpose of appointing the Standing Committees, and any other necessary business; but their duties so far as they may relate to conducting the proceedings of the annual meetings, shall not commence at the meeting at which they are elected.

The Standing Committees may also organize immediately after their appointment, but their duties shall not commence until after the adjournment of the annual meeting at which the officers who appoint them are elected.

ARTICLE VI—Penalties.

Any member violating any of the requirements of the Constitution or By-Laws shall be subject to reprimand or expulsion.

ARTICLE VII—Amendments.

It shall require a two-thirds vote of the members present at any regular meeting to alter or amend this Constitution, and final action shall not be taken the same session at which the motion is made.

BY-LAWS.

ARTICLE I—Annual Meetings.

SECTION 1. The Meetings of the Michigan Dairymen's Association shall be held each year, convening on the third Tuesday in February.

Special Meetings.

SEC. 2. Special meetings shall be called at any time by the President, at the request, in writing, of five officers or twenty-five members of this Association, and no business shall be in order except that mentioned in the call.

Quorum.

SEC. 3. Twenty members shall be necessary to constitute a quorum.

Election of Officers.

SEC. 4. Officers shall be elected by ballot. A majority of the votes cast shall be necessary to elect.

ARTICLE II—Standing Committees.

SECTION 1. The Standing Committees of this Association shall be as follows:

- First—An Executive Committee.
- Second—A Committee on Statistics.
- Third—A Committee on Membership.
- Fourth—A Committee on Essays.
- Fifth—A Committee on Reception.

How Constituted.

SEC. 2. First—The Executive Committee shall consist of the President, First Vice-President, Secretary, and the chairmen of the several Standing Committees, a majority of whom shall constitute a quorum for the transaction of business.

Second—It shall perform the duties of a Finance Committee, audit the claims against the Association, instruct the Treasurer what claims to pay, and have general charge of the affairs of this Association.

Committee on Statistics.

SEC. 3. First—The Committee on Statistics shall consist of one member from each County, and be appointed by the Vice-Presidents from each County represented.

Second—Their duties shall be to gather information on all subjects of interest bearing directly on the interest of this Association, and report the same, in writing, at the annual meeting.

Committee on Membership.

SEC. 4. The Committee on Membership shall consist of the President, Senior Vice-President, and Secretary. Their duties shall be to receive applications for membership, elect such candidates members, if eligible; in case the Committee decide any applicant not eligible, the Application shall be referred to the Association for final action; to keep a full record of their names and addresses; investigate complaints against members, and decide whether charges may be brought before this Association against such member, as provided in Article VI. of the Constitution.

Committee on Essays.

SEC. 5. The Committee on Essays shall consist of not more than eleven nor less than five members, and shall be nominated by the Vice-Presidents and ratified by a two-thirds vote of the members present at any regular meeting. Their duties shall be to examine and decide on the relative merits of all essays. Their decision shall be final.

Committee on Reception.

SEC. 6. The Committee on Reception shall consist of the Vice-President of the County in which the next regular meeting of the Association is to be held, and two other members, to be appointed by him. Their duties shall be to provide a suitable room for the accommodation of this Association, and such other matters as could properly be submitted to them.

ARTICLE III—Duties of President.

SECTION 1. The President shall preside at all meetings of this Association; he shall call all special meetings as provided in Article I, Section 2; he shall appoint all special committees when not selected by the Association, and sign all official documents, and perform all the duties usually assigned to that office.

Duties of the First Vice-President.

SEC. 2. The First Vice-President shall, in the absence of the President, preside at all meetings of this Association, and perform the duties usually assigned to that office.

Duties of Vice-Presidents.

SEC. 3. First—They shall designate one of their number as chairman of the Committee on Statistics, and appoint one member on that committee from each County represented, as provided in Article II, Section 3.

Second—They shall also nominate members of this Association, from different counties, with power to appoint their own chairman, as a Committee on Essays, as provided in Article II, Section 5, of By-Laws.

Duties of the Secretary.

SEC. 4. The Secretary shall keep full and accurate minutes of all acts and proceedings of this Association, and of the Standing Committees thereof; shall have charge of the books, records, and papers of this Association; shall collect and pay into the treasury all fees or other moneys which may become due from members; shall, in a book for that purpose, cause the name and full address of each member of this Association to be placed, and, when notified of a change of location, alter the address accordingly. He shall also perform all other duties properly belonging to such office. The Secretary shall be ex-officio Treasurer.

Duties of the Treasurer.

SEC. 5. The Treasurer shall receive the funds and all moneys collected by the Secretary, and under the direction of the Executive Committee shall disburse the same; he shall keep books of account and preserve vouchers for all moneys paid, and perform all other duties properly belonging to such office.

ARTICLE IV—Fees and Dues.

SECTION 1. Every person elected a member of this Association shall pay into the treasury an annual fee of one dollar, so long as he remains a member.

ARTICLE V—Vacancies.

SECTION 1. Vacancies occurring in any office or Standing Committee shall be filled by the President.

SEC. 2. First—Any officer or member of any Standing Committee who shall refuse or neglect to perform the duties assigned to him without a reasonable excuse, shall be deemed to have resigned, and the vacancy be filled as provided.

Second—Any member or firm who shall be in arrears one year may be expelled, or his or their name dropped from the roll, after reasonable effort has been made by the Secretary to collect the same.

ARTICLE VI—Expenses and Liabilities.

SECTION 1. First—Necessary expenses that may be incurred with the approval of the Executive Committee shall be binding on the whole Association, and paid from the funds in the treasury.

Second—Should there not be sufficient funds in the treasury, the Executive Committee may assess each member pro rata and collect such money at once: Provided, however, that such assessments shall not exceed one dollar in any one year, without the unanimous consent of the Association.

ARTICLE VII—Amendments.

SECTION 1. It shall require a two-thirds vote of the members present at any regular meeting to alter or amend these By-Laws.

ARTICLE VIII—Order of Business.

SECTION 1. At all regular meetings the following order of business shall prevail:

1. Reading the minutes.
2. Reports of Standing Committees.
3. Reports of Special Committees.
4. Communications to the Association.
5. Unfinished business.
6. New business.
7. Election of officers.

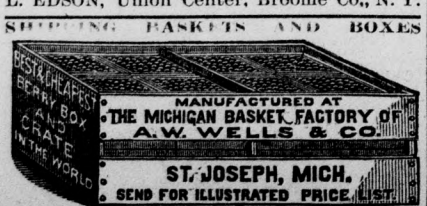
SEC. 2. No member shall speak for more than ten minutes, or twice on the same subject, except by general consent. Cushing's Manual shall be accepted as standard authority, when not in conflict with these By-Laws.

E. L. BRIGGS,
W. H. HOWE,
WARREN HAVEN.

Committee on Constitution and By-Laws.

CREAM TESTER!

With six glasses for testing six cows' milk at same time. Price \$1; large size glasses \$2, either free by mail. Agents wanted. Circulars with full particulars for stamp. WYMAN L. EDSON, Union Center, Broome Co., N. Y.



TIME TABLES.

MICHIGAN CENTRAL



The Niagara Falls Route.

DEPART.
*Detroit Express..... 6:00 a.m.
*Day Express..... 12:45 p.m.
*Atlantic Express..... 9:20 p.m.
ARRIVE.
*Pacific Express..... 6:00 a.m.
*Mail..... 3:20 p.m.
*Grand Rapids Express..... 10:25 p.m.
*Daily except Sunday. *Daily.
Sleeping cars run on Atlantic and Pacific Express.

Direct and prompt connection made with Great Western, Grand Trunk and Canada Southern trains in same depot at Detroit, thus avoiding transfers.
The Detroit Express leaving at 6:00 a. m. has Drawing Room and Parlor Car for Detroit, reaching that city at 11:45 a. m., New York 10:30 a. m., and Boston 3:05 p. m. next day.
A train leaves Detroit at 4 p. m. daily except Sunday with drawing room car attached, arriving at Grand Rapids at 10:25 p. m.
J. T. SCHULTZ, Gen'l Agent.

Chicago & West Michigan.

Leaves. Arrives.
*Mail..... 9:15 a.m. 4:05 p.m.
*Day Express..... 12:25 p.m. 11:15 p.m.
*Night Express..... 9:35 p.m. 6:00 a.m.
*Daily. *Daily except Sunday.
Pullman Sleeping Cars on all night trains. Through parlor car in charge of careful attendants without extra charge to Chicago on 12:25 p. m. and through coach on 9:15 a. m. and 9:35 p. m. trains.

NEWAYGO DIVISION.
Express..... Leaves. Arrives.
Express..... 4:15 p.m. 4:05 p.m.
Express..... 8:05 a.m. 11:15 a.m.
All trains arrive and depart from Union Depot.
The Northern terminus of this Division is at Baldwin, where close connection is made with F. & P. M. trains to and from Ludington and Manistee.
J. H. CARPENTER, Gen'l Pass. Agent.
J. B. MULLIKEN, General Manager.

Lake Shore & Michigan Southern.

(KALAMAZOO DIVISION.)
Express..... Leaves. Arrives.
Express..... 7:00 p.m. 7:35 a.m.
Mail..... 9:35 a.m. 4:00 p.m.
All trains daily except Sunday.
The train leaving at 4 p. m. connects at White Pigeon with Atlantic Express on Main Line, which has Palace Drawing Room Sleeping Coaches from Chicago to New York and Boston without change.
The train leaving at 7:35 a. m. connects at White Pigeon (giving one hour for dinner) with special New York Express on Main Line.
Through tickets and berths in sleeping coaches can be secured at Union Ticket office, 67 Monroe street and depot.
J. W. MCKENNEY, Gen'l Agent.

Detroit, Grand Haven & Milwaukee.

GOING EAST. Arrives. Leaves.
*Steamboat Express..... 6:20 a.m.
*Through Mail..... 10:15 a.m. 10:20 a.m.
*Evening Express..... 3:20 p.m. 3:35 p.m.
*Atlantic Express..... 10:45 p.m. 10:30 a.m.
*Mixed, with coach..... 10:30 a.m.

GOING WEST.
*Morning Express..... 12:40 p.m. 12:55 p.m.
*Through Mail..... 5:20 p.m. 5:15 p.m.
*Steamboat Express..... 10:40 p.m.
*Mixed..... 7:10 a.m.
*Night Express..... 5:10 a.m. 5:30 a.m.
*Daily. Sundays excepted. *Daily.
Passengers taking the 6:20 a. m. Express make close connections at Owosso for Lansing and at Detroit for New York, arriving there at 10:00 a. m. the following morning.
Parlor Cars on Mail Trains, both East and West.
Train leaving at 5:15 p. m. will make connection with Milwaukee steamers daily except Sunday.
The mail has a Parlor Car to Detroit. The Night Express has a through Wagner Car and local Sleeping Car Detroit to Grand Rapids.
D. PORTER, City Pass. Agent.
GEO. B. REEVE, Traffic Manager, Chicago.

Grand Rapids & Indiana.

GOING NORTH. Arrives. Leaves.
Cincinnati & G'd Rapids Ex. 8:45 p.m.
Cincinnati & Mackinac Ex. 9:20 p.m. 10:25 a.m.
Ft. Wayne & Mackinac Ex. 3:55 p.m. 5:00 p.m.
G'd Rapids & Cadillac Ac. 7:10 a.m.

GOING SOUTH.
G. Rapids & Cincinnati Ex. 7:00 a.m.
Mackinac & Cincinnati Ex. 4:05 p.m. 4:35 p.m.
Mackinac & Ft. Wayne Ex. 10:25 a.m. 11:45 p.m.
Cadillac & G'd Rapids Ac. 7:40 p.m.
All trains daily except Sunday.

SLEEPING CAR ARRANGEMENTS.
North—Train leaving at 5:00 o'clock p. m. has Woodruff Sleeping Cars for Petoskey and Mackinac City. Train leaving at 10:25 a. m. has combined Sleeping and Chair Car for Traverse City.
South—Train leaving at 4:35 p. m. has Woodruff Sleeping Car for Cincinnati.
C. L. LOCKWOOD, Gen'l Pass. Agent.

Detroit, Mackinac & Marquette.

GOING WEST. STATIONS. GOING EAST.
Ac. Ex. Ac. Ex.

P. M.
4 50 Ar. Ishpeming Dep. 1 30
P. M. 4 40 Negaunee..... 1 40 A. M.
6 50 3 30 Marquette..... 2 20 7 30
3 08 1 27 Reedsboro..... 4 19 11 05
12 00 A Seney 5 45 1 10
1 10 12 15 D A 5 30 12 40
11 25 11 02 Newbury 6 38 2 40
7 30 A St. Ignace..... Ar. 6 00 P. M.
8 30 Dep. Mackinaw City Dep. 9 30
P. M.
9 00 Dep. Grand Rapids Ar. 7 00
A. M.
9 35 Detroit..... 3 30

Connections made at Marquette and Negaunee with the M. H. & O. R. R. for the iron, gold silver and copper districts; at Reedsboro with a daily stage line for Manistique; at Seney with tri-weekly stage for Grand Marais; at St. Ignace with the M. C. and G. R. & I. Railways for all points east and south; also daily stage line to Sault Ste. Marie.
F. MULLIGAN, G. F. & P. A.

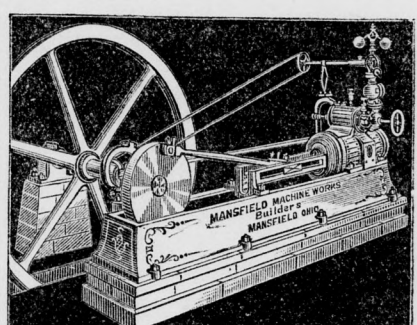
THE COOLEY CAN,

Improved by the Lockwood Patent.

Used in the creamery for butter only, they paid the patrons in July, 88, 90c and the skimmed milk per 100 lbs. Lowest price of the year.
In the creamery for gathered cream they paid the patrons from 15c to 20c per cream gauge for the year 1884.
In the factory for butter and cheese they paid the patrons \$1.75 per 100 lbs. average, for the season. They show better results in dollars and cents than anything yet invented.
Write for actual working figures furnished by successful creamery men of known reputation, who have used them as above.

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Sole Manufacturer, 199 LAKE ST., CHICAGO.

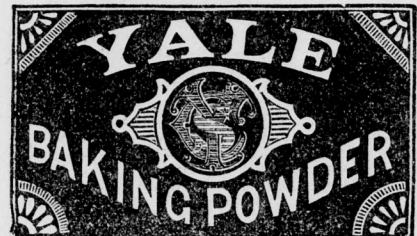
Grind your own Bone, Meal, Oyster Shells, GRAHAM FLOUR and Corn in the SHAND MILL (P. Wilson's Patent). 100 per cent. more made in grinding power. Also POWER MILLS and FARM FEED MILLS. Circulars and Testimonials sent on application. WILSON BROS., Easton, Pa.



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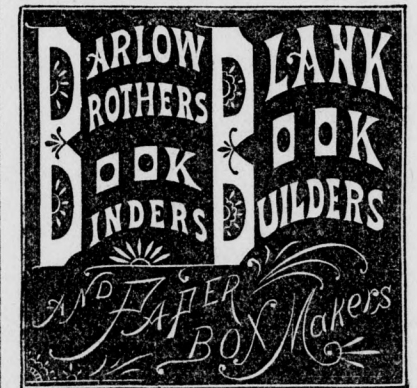
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BLUINGS, ETC.,

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Wholesale Manufacturers of

PURE CANDY!

AND DEALERS IN

Oranges, Lemons,
Bananas, Figs, Dates,
NUTS,
ETC.

DETROIT SOAP CO.'S

QUEEN ANNE SOAP

A ("smash up the clothes boiler," "throw away the wash-board," "wash without labor") Soap; is not
A (grand piano, gold watch, house and lot with every bar, "save the wrappers") Soap; is not
A (towel, napkin, dish-rag, dry goods store thrown in) Soap; is not
A (here to-day and gone to-morrow) Soap; is not
A (sell a quarter of a box, and have the balance left on your hands) Soap; BUT IS

The very best article in laundry and general family Soap ever put on the market.
Big and lasting trade. Good margins to dealers. Grocers, if you have never tried "QUEEN ANNE SOAP," buy a sample box and you will always continue to handle it.

CODY, BALL & CO.,

Wholesale Agents for "Queen Anne" and all of Detroit Soap Co.'s Standard Brands. Grand Rapids.

STRAIGHT GOODS--NO SCHEME.

CHEW



RED STAR

PLUG.

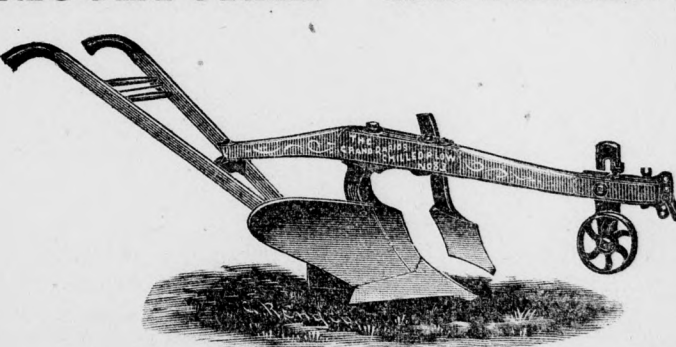
John Caulfield,

Sole Agent.

GRAND RAPIDS M'F'G CO.,

MANUFACTURERS AND JOBBERS OF

AGRICULTURAL IMPLEMENTS!



FARMING TOOLS OF ALL DESCRIPTIONS. Dairy Implements a Specialty.

Factory--Corner Front and Earl streets. Office and Sales-rooms--10, 12 and 14 Lyron street, Grand Rapids.

THE VALLEY CITY MILLS.

The extensive improvements which have been under way at the Valley City Milling Co.'s mills during the past thirteen months are now nearly completed and the mills resumed operations last week. Ever since the property was purchased by the present company, in February, 1884, the mills have been under continual repairs, the special aim being to secure the very choicest quality of flour, rather than the greatest quantity from a given amount of wheat. To this end, the roller system was immediately partially introduced, and the superiority of its product over that produced by the old methods was so marked that the remaining stones have been removed and replaced by double sets of Rickerson's patent chilled iron rollers, making fourteen sets in all.

From the time of the purchase of the property until the present the company has expended in improvements about \$20,000—the chief features of these being the recent addition of steam engine and boiler, with the general overhauling and reconstruction of the mill gearing so as to admit the use either of steam alone, water alone, or of both combined, as the exigencies of the business may demand. The necessity for the introduction of steam power was strongly emphasized by the high water of January followed by solid freezing of the slush ice in the canal, making an extended shut-down imperative; and the period of enforced idleness—so far as milling was concerned—the company determined at once to utilize by making the extensive improvements which have just been completed.

The mill property covers ground 300 by 122 feet. The main portion of the mill is 60 x 80 feet, six stories high, including basement. The engine house, of brick, is 50x40 feet, and the office wing is about the same size. Sufficient ground remains for the erection of other additions, as the business of the company will require.

Both the boiler and the engine are of the latest and most improved makes, and are the first of their kind ever put in use in this city. The boiler is known as the water-tube boiler, and was made by the Babcock & Wilcox company, New York City. It has many claims for superiority over other makes, and is much admired by machinists and millmen. It is composed of a large number of wrought iron tubes, placed in an inclined position and connected with each other, and with a horizontal water drum, by vertical passages at each end, while a mud-drum connects the tube at the rear and lowest point of the boiler. It is suspended entirely independent of the brick work or fire front, from wrought iron girders resting on iron columns. This avoids any straining of the boiler from unequal expansion. It is positively non-explosive, has been tested to a pressure of 150 pounds to the square inch, is operated at between eighty and ninety pounds, and has a capacity of 125-horse power. From the boiler room to the coal bins extends an endless chain feeder to convey the coal to the furnace, and which is operated by connections with the main shaft in the basement.

The engine—a Reynolds horizontal Corliss—was manufactured by E. P. Allis & Co., of Milwaukee. It has a 16-inch by 41-inch cylinder and is 125 horse-power, but can be run up to 150. It is a low pressure engine, with a condenser 12 inches by 1 inches. The immense fly-wheel weighs six tons, is twelve feet in diameter, and has a rim $4\frac{1}{2}$ inches thick with a face 16 inches wide. There is a boiler feed pump on the condenser and also an independent steam duplex pump 5 inches by 5 inches, manufactured by Gordon & Maxwell Co., of Hamilton, Ohio. B. F. Olmstead, the old reliable engineer, will be the chief engineer, and T. J. Reeves will be his assistant.

The water-power, when fully available, about equal to the steam power just added and either alone is sufficient power for the whole mill as at present constituted. The present capacity of the mill is about 75,000 barrels of flour yearly, but the steam and water power combined is sufficient for grinding 600 to 700 barrels daily, and therefore ample for future needs. Among the improvements just added is a Prinz dust-er and a Smith's centrifugal reel bolter.

Mr. Jesse Owen, the head miller, is thoroughly familiar with the business, and his instructions from the company to turn out the very best quality of flour regardless of anything else. His assistants are James O'Brien and Isaac Taney, the latter of whom has been employed in the mill for eighteen years. Mr. A. W. Thompson is the thoroughly competent wheat buyer, and his instructions are to purchase only the best grades at the highest prices. The best grades of Minnesota hard spring, long-bearing, or Michigan white are used, so mixed that they produce the very best grades of flour for which the Valley City mills are famous—as "Roller Champion," "Harve Queen," "Lilly White," "Snow Flake" and "Gold Medal."

The improvements in the mill proper have been going on for more than two months under direction of Mr. G. H. Jacobs, the company's millwright, aided by half a dozen more assistants; and one feature worthy note is the fact that during all the time the mill has been shut down through lack of water and for improvements steady work has been found for all the employees—not one having been "laid off."

The members of the company are: C. Swensburg, president; M. S. Crosby, vice

president; Wm. N. Rowe, manager; R. M. Lawrence, secretary and treasurer. Both the manager and secretary, as well as Mr. A. W. Thompson, the wheat buyer, and Miss Nettie Meech, the bookkeeper, are graduates of Mr. Swensberg's Business College, in which so large a number of ladies and gentlemen now holding responsible positions in the city received their business training. Messrs. Swensberg and Crosby are known as thoroughgoing business men.

With the additional power, the Valley City mills are in shape to run day and night the year through, water or no water—Sundays excepted. It is and has been an inexorable rule, under the present company, that no work shall be done after 12 o'clock Saturday night until Monday morning. The Valley City mills are a credit to the business enterprise of Grand Rapids, and with their improved facilities will be able always to meet the ever increasing demand for their choice brands of flour.

Those who have occasion to do business with the milling company have the assurance, in the reputation of its members, that they will get the best goods and be honorably and honestly dealt with.

The Partello cheese factory is being put in order for active operations the coming season.

S. M. Eggleston is chosen salesman and Edwin Parmelee treasurer of the Springdale factory, at Hilliards, this year.

Peter Sharp, postmaster at Ridgeway Lenawee county, writes THE TRADESMAN that Ridgeway would be a good location for a creamery.

T. H. Preston & Co., the Ionia jobbers, have handled over 50,000 pounds of the Sunfield (Eaton county) cheese during the past season, and will handle the same goods another season.

The leading dairy journals of the country have complimented the Michigan Dairy-men's Association by reprinting considerable portions of the proceedings of the recent meeting. All speak encouragingly of the prospect of the new organization.

It is reported from Syracuse, N. Y., that the American Dairy Salt Co. is trying to lease all the fine salt factories of the Onondaga Reservation for ten years. The lease is designed to take the place of the old Mutual Benefit Association, and contemplates securing uniformity of price and unity of interests. There are 325 water rights on the reservation, but business has, of late, been depressed.

□Business has been very satisfactory during the past week, collections having been exceptionally good. There are changes in note in the quotations.

Fruits are steady in price, but not very active, on account of the cold weather. Nuts are steady and active, and in fair demand. Candy is without change.

Oysters are in good demand, with price steady at the recent advance.

W. S. McKeel, the Big Rapids commission dealer in produce, skipped out some time ago, owing several good-sized bills. One of his Grand Rapids creditors recently wrote his wife, inquiring as to his present whereabouts, and received the following encouraging reply:

Mr. McKeel is still away. I do not know where he is or anything about him; but do not expect him to return.

A Vermont storekeeper set a spring gun in his store for twenty-two years without bagging anything until the other night, when the old musket fell down and shot him through both legs.

The following retail dealers have visited the market during the past week and placed orders with the various houses:

Geo. C. Townsend, Baldwin.
 Chas. L. Gray, Ewart.

Will L. Beardsley, Hersey,
Byron McNeal, Byron Center.
E. C. Williams, Ada.
F. R. Benedict, Cedar Springs.
A. L. Power, Kent City.
Chester Messer, Hastings.
S. J. Koon, C. E. & S. J. Koon, Lisbon.
C. S. Edwards, Manclena.
C. J. Renbow, Cannonburg.
H. E. Stafford, Battle Creek.
W. H. Hooper, Hooper.
T. S. McLeilan, Denison.
H. F. Campau, Alaska.
W. H. Porter, Jennisonville.
Mr. Sooville, of Seoville & McAuley, Edge-
Jacob Bartz, North Dorr.

Wm. F. Rice, Alpine.
Geo. Stevens, Alpine.
N. DeVries, Jackson, Wm.
Adam Newell, Tustin.
Peter Steketee, P. Steketee & Co., Holland.
Jerome Dickerson, Belmont.
H. Austin, Walker.
Jay Marlatt, Berlin.
D. W. Shattuck, Wayland.
John Gunstra, Lamont.
C. N. Reynolds, Belmont.
Hoag & Judson, Cannonsburg.
J. W. Mead, Berlin.
Wm. VerMeulen, Beaver Dam.
M. VandenBosch, Zealand.
H. Colby & Co., Rockford.
N. H. Spires, Leroy.
Eli Runnels, Cornland.
C. O. Bryan, Belding.
Geo. A. Sage, Rockford.
John Scholten, Overisel.
L. Gray, C. L. & Co., Ewart.
Mr. Walling, Walling Bros., Lamont.
C. Cole, Ada.
Neal McMillan, Rockford.
R. Perkins, Perkins & Co., Boyne City.
C. C. Root, West Carleton.
A. & L. M. Wolf, Hudsonville.
J. DeBri, Byron Center.
J. DeBri, DeBri Brothers, Hudsonville.

Albert Boelkins, Muskegon.
DeSnyder & Balkema, Grand Haven.
Geo. P. Cornell, Cornell Bros., New Era.
A. Engberts, Beaver Dam.
A. DeGroff, Wyandale.
L. Perigo, Burnip's Corners.
Wm. J. Jones, Hugh & Jones, Morley.
J. R. Dibble, Dibble Bros., Burnip's Corners.
F. N. Cornell, Cornell & Griswold, Griswold.
G. C. Baker, LeBarge.
H. S. Baron, Forest Grove.
J. Q. Look, Lowell.
C. W. Ives, Rockford.

FURNITURE BUYERS.
H. N. Crary, buyer for Chas. Shinerick, Omaha.
F. H. Conant, Toledo.

WHOLESALE PRICE SCHEDULE:

Frazer's	80	Paragon	60
Diamond	60	Paragon, 25 lb pails	1 20
Modoc	50		
BAKING POWDER.			
Arctic 1 1/2 lbs cans	45	Arctic 1 lb cans	2 40
Arctic 1 1/2 lbs cans	50	Arctic 5 lb cans	12 00
Arctic 1 1/2 lbs cans	1 40		
BLUING.			
Dry, No. 2		doz.	25
Dry, No. 3		doz.	25
Liquid, 4 oz.		doz.	35
Liquid, 8 oz.		doz.	65
Arctic 4 oz.		gross	4 00
Arctic 8 oz.			12 00
Arctic 16 oz.			20 00
Arctic No. 1		pepper box	3 00
Arctic No. 2			3 00
Arctic No. 3			3 00
BROOMS.			
No. 1 Carpet	2 50	No. 2 Hurl	1 75
No. 2 Carpet	2 25	Fancy Whisk	100
No. 1 Parlor Gem	2 75	Common Whisk	75
No. 1 Hurl	2 00		
CANNED FISH.			
Clams, 1 lb standards			1 40
Clams, 2 lb standards			2 65
Clam Chowder, 3 lb			1 10
Cove Oysters, 1 lb			1 10
Cove Oysters, 3 lb standards			1 90
Cove Oysters, 1 lb slack filled			75
Cove Oysters, 2 lb slack filled			1 05
LOBSTERS, 1 lb picnic			1 25
LOBSTERS, 1 lb star			3 10
Mackerel, 1 lb fresh standards			1 00
Mackerel, 5 lb fresh standards			6 50
Mackerel, 3 lb in Mustard			3 25
Mackerel, 3 lb broiled			3 25
Salmon, 1 lb Columbia river			1 00
Salmon, 3 lb Columbia river			3 00
Salmon, 1 lb Sacramento			1 35
Sardines, domestic 1/2s			13 1/2
Sardines, domestic 1/4s			14 1/2
Sardines, imported 1/2s			32
Sardines, imported 1/4s, boneless			30
Sardines, imported 1/2s, boneless			32
Sardines, domestic kegs			2 75
Trout, 3 lb broiled			2 75
CANNED FRUITS.			
Apples, 3 lb standards			90
Apples, gallons, standards, Erie			1 75
Blackberries, Erie			1 45
Blackberries, Hamburg			1 50
Cherries, Erie, red			1 70
Cherries, Erie, yellow			1 00
Cherries, French Brandy, quarts			2 50
Cherries, red standard			1 00
Damsons			40
Egg Plums, standard			1 00
Green Gages, 3 lb, Kraft's Best			1 40
Green Gages, standards			1 50
Peaches, Brandy			2 40
Peaches, seconds			1 90
Pie Peaches, Kensett's			2 20
Pie Peaches, Erie			1 70
Pineapples, standard			2 85
Plums, Golden Drop			1 45
Quinces			1 80
Raspberries, Black, Erie			1 80
Raspberries, Black, Hamburg			1 80
Raspberries, Red, Erie			1 35
Strawberries, Erie			1 30
Whortleberries, McMurphy's			1 40
CANNED VEGETABLES.			
Asparagus, Oyster Bay			3 25
Beans, Lima, Erie			1 20
Beans, String, Erie			85
Beans, Lima, standard			85
Beans, Stringless, Erie			95
Beans, Lewis' Boston Baked			1 00
Corn, Erie			1 15
Corn, Red Seal, yellow			1 00
Corn, Acme			1 10
Corn, Revere			1 25
Corn, Camden			1 20
Mushrooms, standard	100	in case	22 00
Peas, French, 100 in case			23 00
Peas, Marofat, standard			1 70
Peas, Beaver			1 80
Peas, early snow			1 75
Pumpkin, 3 lb Golden			1 10
Squash, Erie			1 20
Succotash, Erie			1 20
Succotash, standard			1 00
Tomatoes, Red Seal			1 00
CHOCOLATE.			
Boston	36	German Sweet	2 50
Baker's	38	Vienna Sweet	2 50
Runkles	35	French Sweet	2 50
COFFEE.			
Green Rio	116 1/4	Roasted Mex	17 00
Green Java	117 1/2	Ground Rio	96 1/2
Green Mocha	230 25	Arabique's	64 1/4
Green Java	116 1/4	XXXX	64 1/4
Roasted Java	230 60	Dillworth's	64 1/4
Roasted Mex	17 18	Levering's	64 1/4
Roasted Mocha	230 60	Magnolia	64 1/4
72 foot Jute	1 25	60 foot Cotton	2 75
60 foot Jute	1 00	50 foot Cotton	1 50
40 foot Cotton	1 50		
FISH.			
Bloaters, Smoked Yarmouth			80</

IMPORTED CLAY 3 gross.....		2 25@3 00
Imported Clay, No. 216, 3 gross.....		@2 25
Imported Clay, No. 216, 2½ gross.....		@1 85
American T. D.....		@. 90
RICE.		
Good Carolina.....	6 Java.....	6½ @6¼
Prime Carolina.....	6 Patna.....	6 1/8
Choice Carolina.....	7 Rangoon.....	5½ @6¼
Good Louisiana.....	5½ Broken.....	3¼
SALERATUS.		
DeLand's pure.....	5½ Dwight's.....	5¼
Church's.....	5¼ Sea Foam.....	5½
Caylor's G. M.....	5¼ S. S. B. & L.'s Best.....	5¼
Cup Sheaf.....	5¾.....	
SALT.		
20 Pocket, F F Dairy.....	2 30@2 40	
25 Pocket.....	2 30@2 30	
100 3/4 pockets.....	2 50@2 60	
Saginaw Fine.....		. 98
Diamond C.....		1 55
Olive.....		1 80
Ashton, English, dairy, bu. bags.....		. 75
Ashton, English, dairy, 4 bu. bags.....		2 80
Higgins' English dairy bu. bags.....		. 75
Standard Dairy, ½ bu. bags.....		. 25
Rock, bushels.....		. 28
SAUCES.		
Parisian, ½ pints.....		@2 00
Lee & Perrins Worcestershire, pints.....		@5 00
Lee & Perrins Worcestershire, ½ pts.....		@3 45
Picadilly, ½ pints.....		@1 00
Pepper Sauce, red small.....		@. 75
Pepper Sauce, green.....		@. 90
Pepper Sauce, red large ring.....		@1 70
Catsup, Tomato, pints.....		@1 00
Catsup, Tomato, quarts.....		@1 35
Horseradish, ½ pints.....		@1 50
General Household.....		@1 70
Capers, French surfines.....		@2 25
Capers, French surfines, large.....		@3 50
Olives, Queen, 16 oz bottle.....		@3 85
Olives, Queen, 32 oz bottle.....		@4 20
Olive Oil, 3 pints, Antonia & Co.'s.....		@7 00
Olive Oil, ½ pints, Antonia & Co.'s.....		@2 00
Newbury, 32 pints.....		@4 20
Halford Sauce, pints.....		@3 50
Halford Sauce, ½ pints.....		@2 20
Salad Dressing, Durkee's, large.....		@4 85
Salad Dressing, Durkee's, small.....		@2 90
SOAP.		
Detroit Soap Co.'s Queen Anne.....		@4 85
do. " " Cameo.....		@3 30
do. " " Monday.....		@3 30
do. " " Mascot.....		@3 30
do. " " Superior, 60 1 lb bars.....		@3 60
Old Country, 80 bars, 30 lbs., wrapped.....		@4 20
Old Country, 80 bars, 30 lbs., unwrapped.....		@4 10
Old Country, 80 1 lb bars.....		@4 34
Kirk's American Family.....		. 3 60
do. India.....		. 3 30
do. Savon.....		. 3 15
do. Satisfet.....		. 3 20
do. Revenue.....		. 3 85
do. White Russian.....		. 4 15
Procter & Gamble's Ivory.....		. 6 75
do. " Japan Olive.....		. 2 80
do. " Town Talk.....		. 3 20
do. " Golden Bar.....		. 3 35
do. " Arab.....		. 3 10
do. " Amber.....		. 3 10
do. " Mottled German.....		. 3 10
Procter & Gamble's Velvet.....		@2 15
Procter & Gamble's Good Luck.....		@3 26
Procter & Gamble's Wash Well.....		@3 06
Baguer.....	60 lbs	@3 00
Gowan & Stover's New Process 3 lb bar		@184
Tip Top.....	3 lb bar	@. 11
Ward's White Lily.....		@. 73
Ward's Schief.....		@. 23
Benitt's.....		@. 40
Dish Rag.....		. 4 10
Bluing.....		. 4 10
Magnetic.....		. 5 00
New French Process.....		. 4 50
Spoon.....		. 5 00
Anti-Washboard.....		. 5 00
Vaterland.....		. 3 25
Matt.....		. 4 00
Ping.....		. 4 35
Lautz Bros. & Co.		
Aeae, 70 1 lb bars.....		@. 6
Aeae, 25 3 lb bars.....		@. 6
Alpena.....	16@15	@. 6
Napkin, 25 bars.....		@. 5
Best American, 60 1 lb blocks.....		@. 53
Palma 60 1 lb blocks, plain.....		@. 53
Shurlock, 100 cakes, wrapped.....		@. 53
Master, 100 ¾ lb cakes.....		@. 53
Stearine, 100 ¾ lb cakes.....		@. 53
Marseilles, white, 100 ¾ lb cakes.....		@. 53
Cotton Oil, white, 100 ¾ lb packages.....		@. 53
Lautz's 60 1 lb blocks, wrapped.....		@. 53
German Mottled, wrapped.....		@. 61
Savon, Republica, 60 lb box.....		@. 61
Blue Danube, 60 1 lb blocks.....		@. 61
London Family, 60 1 lb blocks.....		@. 61
London Family, 3-lb bars 80 lb.....		@. 61
Gen, 100 cakes, wrapped.....		@. 61
Nickel, 100 cakes, wrapped.....		@. 61
Climax, 100 cakes, wrapped.....		@. 61
Boss, 100 cakes, wrapped.....		@. 61
Marseilles Castle, Toilet, 3 doz in box		@. 61
A 1 Floating, 60 cakes.....		@. 61
Matchless, 100 cakes.....		@. 61
SPICES.		
Ground.....	Whole.....	
Alleppe.....	16@15	@. 80
Cinnamon.....	18@20	@. 80
Cloves.....	15@25	@. 80
Ginger.....	16@20	@. 80
Mustard.....	16@20	@. 80
Cayenne.....	15@25	@. 80
STARCH.		
Kingsford's, 1 lb pkgs., pure.....		@. 65
do. " 3 lb pkgs., pure.....		@. 65
do. " 1 lb pkgs., Silver Gloss.....		@. 65
do. " 6 lb pkgs.....		@. 65
do. " 1 lb pkgs., Corn Starch.....		@. 65
(Bulk) Ontario.....		@. 65
Muzzy Gloss 1 lb boxes.....		@. 65
do. " bulk.....		@. 65
do. " 6 lb boxes.....		@. 65
do. " Corn, 20 lb.....		@. 65
Gilbert's Gloss, 1 lb.....		@. 65
do. " 6 lb.....		@. 65
do. " Linen Gloss, 3 lb.....		@. 65
do. " Linen Gloss, bulk.....		@. 65

PLUG.		
Peel, 5 cents.		@36
Big N g.		@38
Knights of Labor.		@38
Arab, 2x12 and 4x12.		@46
Black Bear.		@37
King.		@46
Mid Fire Cent Times.		@44
Prune Nugget, 12 lb.		@62
Parrot.		@46
Red Star.		@38
Tramway.		@48
Big Sevens, dime cuts.		@45
Black Diamond.		@35
Trotter, rum flavor.		@70
Root.		@44
R. F. P.'s Favorite.		@49
Old Kentucky.		@46
Big Four, 2x12.		@46
Big Bear, 2x12.		@46
Spearhead, 16 oz. 12s and 3x12.		@46
Turkey, 2x12, 2x12.		@46
Blackbird, 16 oz., 3x12.		@35
Mid Fire Cent Shield.		@38
Black of Grand Rapids.		@46
Globe.		@46
Durham.		@48
Silver Coin.		@50
Buster (Dark).		@36
Black Prince (Dark).		@36
Black Back (Dark).		@36
Leggett & Myers' Star.		@46
Climax.		@46
Hold Fast.		@46
McAlpin's Gold Shield.		@46
Nickle Nuggets 6 and 12 lb cads.		@51
Cock of the Walk 6s.		@37
Nobby Twist.		@46
Kind.		@46
Acorn.		@46
Crescent.		@44
Black X.		@35
Black Bass.		@35
Spring.		@46
Crayling.		@46
Mackinaw.		@45
Horse Shoe.		@44
Hair Lift.		@36
D. and D., black.		@36
McAlpin's Green Shield.		@46
Ace High, black.		@35
Star.		@46
Red Star, Rough and Ready, 2x12.		@46
Red Star, Rough and Ready, 3x12.		@46
Red Star, flat, 3x12.		@46
Red Star, black, 24 oz.		@45
2c. less in four butt lots.		
SMOKING		
Tramway, 3 oz.	40	Long Tom.
Ruby, cut Cavendish 35	National.	
Peck's Sun.	18	Conqueror.
Miners and Puddlers.	32	Grayling.
Morning Dew.	26	Seal Skin.
Hair Lift.	25	Battle.
Seal of Grand Rapids 25	Uncle Sam.	
King.	30	Lumberman.
Plint.	28	Railroad Boy.
Peig.	30	Mountain Rose.
Star.	24	Home Comfort.
Amber, ½ and 1 lb.	15	Old Rip.
John Gilpin.	18	Two Nickle.
Lime Kiln Club.	47	Star Durham.
Excelsior.	30	Durham No. 2.
Vanity Fair.	40	Golden Flake Cabinet.
Dime.	25	Seal of North Caro.
Peerless.	25	ina, 2 oz.
Standard.	22	Seal of North Caro.
Top Paper.	27	Big Deal.
Tom & Jerry.	24	Seal of North Caro.
Joker.	25	ina, 8 oz.
Traveler.	35	Seal of North Caro.
Maiden.	25	ina, 16 oz boxes.
Boys.	25	ina, 4 oz.
Topsy, cloth.	30	Apple Jack.
Navy Clippings.	26	King Bee, longest.
Boots.	30	Milwaukee Prize.
Gold Bird.	30	Mail Pouch.
Gold Fire.	25	Windsor cut plug.
Camp Fire.	25	Zero.
Oronoko.	19	Holland Mixed.
Durham, ½ lb.	60	Holland Age.
do ½ lb.	57	Mail Pouch.
do 1 lb.	51	Free Cob Pipe.
Pickwick Club.	40	Honey Bee.
Nice Head.	25	Durham, S. B. & L.
Holland.	22	Dime Durham.
German.	16	Old Star.
Soft Comfort.	30	Golden Flake, cabinet.
Red Clover.	32	Nigger Hair.
SHORTS.		
Mule Ear.	23	Acme.
Hiahiwa.	22	Globe.
Old Congress.		
VINEGAR.		
Pure Cider.	8@12	White Wine.
WASHING POWDERS.		
Boraxine.		@37
717 ½ lb.		@37
Gillett's ½ lb.		@74
Soapine pkg.		@70
Pearline ½ box.		@45
Excelsior, 1 lb.		@45
Lavine, 5 or more boxes, 48 1 lb pap'rs.		@42
Lavine, 5 or more boxes, 100 6 oz pap'rs.		@42
Lavine, single boxes, 100 6 oz papers.		@41
Lavine, 5 or more boxes, 80 ½ lb papers.		@41
Lavine, 5 or more boxes, 80 ½ lb puprs		@41
YEAST.		
Twain Bros.	1 65	Wilsons.
Magic.	1 75	National.
MILLANBOUS.		
Bath Brick imported.		95
do American.		60
Barley.		@3
Burners, No. 1.		1 00
do No. 2.		1 50
Condensed Milk, Eagle brand.		1 00
Candle Tartar 5 and 10 lb cans.		15@25
Candles, Star.		@13
Candles, Hotel.		@14
Extract Coffee, V.		@1
do Felix.		1 2
Gum, Rubber 100 lumps.		@20
Gum, Rubber 200 lumps.		@20
Peppermint Drops.		30@35
Hominy, ½ bbl.		@13
Peas, Green Bush.		@1 4
Peas, Split prepared.		@3 1
Powder, ½ lb.		@3 3
Powder, ½ lb.		@3 3
CANDY, FRUITS AND NUTS.		
Putnam & Brooks quote as follows:		
STICK.		
Straight, 25 lb boxes.		9 @ 93
Twist.		9@100
Cut Loaf do		@12
MIXED.		
Royal, 25 lb pails.		10@105
Royal, 200 lb bbls.		@6 19
French Cream, 25 lb pails.		11@113
Extra, 200 lb bbls.		@101
French Cream, 25 lb pails.		13
Cut loaf, 25 lb cases.		
Broken, 200 lb bbls.		3 @ 64
Broken, 25 lb pails.		101
FANCY IN 5 LB BOXES.		
Lemon Drops.		14
Sour Drops.		15
Peppermint Drops.		15
Chocolate Drops.		16
H M Chocolate Drops.		20
Gum Drops.		20
Leicorine Drops.		20
R B Chocolate Drops.		12
Lozenges, plain.		15
Lozenges, printed.		16
Imperials.		15
Chocolates.		15
Cream Bar.		14
Molasses Bar.		13
Caramels.		20
Hard Made Creams.		14
Plain Creams.		18
Strut Rock.		15
Burnt Almonds.		22
Wintergreen Berries.		15
FANCY IN BULK.		
Lozenges, plain in pails.		13@14
Lozenges, plain in bbls.		14
Lozenges, printed in pails.		14
Lozenges, printed in bbls.		14
Chocolate Drops, in pails.		14
Gum Drops in pails.		7@9
Gum Drops, printed in pails.		14
Moss Drops, in pails.		11
Moss Drops, in bbls.		9
Sour Drops, in pails.		12
Imperials, in pails.		14
Imperials in bbls.		14
FRUITS.		
Oranges, Messina and Palermo.		@3
Oranges, Valencia.		6 @ 97
Lemon choice.		@10
Figs, layers new, ½ lb.		@12
Figs, baskets 40 lb ½ lb.		@ 8
Dates, fruit do		@ 8
Dates, ¾ do do		@ 8
Dates, ½ do do		@ 8
Dates, ¼ sk in.		@ 5
Dates, Fard 10 lb box ½ lb.		8½ @ 98
Dates, Fard 50 lb box ½ lb.		@ 7
Dates, Persian 50 lb box ½ lb.		@ 6
PEANUTS.		
Prime Red, raw ½ lb.		50 @
Choice do do		54 @
Prime White, Vado		54 @
Fancy H P, V do		64@67
NUTS.		
Almonds, Terragona, ½ lb.		7@16
Almonds, choice.		10 @
Pemonds, do		9@15
Filberts, Sicily		do
Walnuts, Greenobles		12@14

PROVISIONS.

The Grand Rapids Packing & Provision Co. quote as follows:

PORK IN BARRELS.

Heavy Mess, new
S. P. Booth's, clear.....13 00
Pig, clear, short cut.....
Extra Family Clear.....13 87
Extra Long Clear.....14 50
Clear A. Webster's.....15 75
Standard Clear, the best.....15 75
Extra Clear, heavy.....15 00
Boston.....15 25
Clear Quill, short cut.....15 00

DRY SALT MEATS—IN BOXES.

Long Clears, heavy, 500 lb. Cases.....do. Half Cases.....
Long Clear medium, 500 lb. Cases.....do. Half Cases.....
Long Clears light, 500 lb. Cases.....do. Half Cases.....
Short Clears, heavy.....7 1/4
do. medium.....7 1/4
do. light.....7 1/4
Extra Long Clear Backs, 600 lb. cases.....8
Extra Short Clear Backs, 300 lb. cases.....8 1/4
Extra Long Clear Backs, 300 lb. cases.....8 1/4
Extra Short Clear Backs, 300 lb. cases.....8 1/4
Bellies, extra quality, 500 lb. cases.....7 1/4
Bellies, extra quality, 300 lb. cases.....7 1/4
Bellies, extra quality, 100 lb. cases.....8

LARD.

Terces.....7 1/2
30 and 50 lb. Tubs.....7 1/2
50 lb. Round Tins, 100 cases.....7 1/2
20 lb. Round Tins, 80 lb. racks.....8 1/2
3 lb. Pails, 20 in a case.....8 1/2
5 lb. Pails, 6 in a case.....8 1/2
10 lb. Pails, 6 in a case.....8 1/2

SMOKED MEATS—CANNED & FLANK.

Hams cured in sweet pickle, heavy.....10 1/2
Hams cured in sweet pickle medium.....10 1/2
Shoulder, cured in sweet pickle.....10 1/2
Breakfast Bacon.....7 1/2
Dried Beef, Extra.....11

BEEF IN BARRELS.

Extra Mess Beef, warranted 200 lbs.....11 00
Extra Mess Chicago packing.....
Boneless, extra.....15 00

SAUSAGE—FRESH AND SMOKED.

Pork Sausage.....8
Ham Sausage.....12
Tongue Sausage.....11
Frankfort Sausage.....11
Blood Sausage.....6 1/4
Bologna, straight.....6 1/4
Bologna, thick.....6 1/4
Head Cheese.....6 1/4

PIGS' FEET.

In half barrels.....3 50
In quarter barrels.....
In kits.....

TRIPE.

In quarter barrels.....1 50
In kits.....80

Prices named are lowest at time of going to press, and are good only for that date, subject to market fluctuations.

FRESH MEATS.

John Mohrhard quotes the trade selling prices as follows:

Fresh Beef, sides.....6 @ 8
Fresh Beef, hind quarters.....7 @ 8 1/4
Dressed Hogs.....6 @ 8 1/4
Pork, carcasses.....8 @ 9
Veal.....8 1/4 @ 9
Pork Sausage.....8 @ 9
Bologna.....9 @ 10
Chickens.....6 @ 13
Turkeys.....6 @ 14

HIDES, PELTS AND FURS.

Perkins & Hess quote as follows:

HIDES.

Green.....10 @ 6 @ 7
Part cured.....7 1/2 @ 8 or cured.....@ 10
Fullcured.....8 @ 8 1/4
Dye skins.....
Kips.....8 @ 12

SHEEP PELTS.

Shearlings or Sum-.....30 @ 50
mer skins pce 10 @ 20 Winter pelts.....@ 60 @ 1

WOOL.

Fine washed 1/2 @ 22 Unwashed.....2-3
Coarse washed.....1 @ 18 Tailow.....5 1/2

OYSTERS AND FISH.

F. J. Dettenthaler quotes as follows:

OYSTERS.

New York Counts.....35
F. J. D. Selects.....35
Selects.....35
F. J. D.....35
Standard.....35
Favorite.....35
Medium.....35
Prime.....35
New York Counts.....35
Selects, per gallon.....35
Standards.....35

FRESH FISH.

Codfish.....9
Haddock.....7
Smelts.....10
Mackinac.....8
Mackerel.....12
Whitefish.....9

COUNTRY PRODUCE.

Apples—Scarce and higher, Baldwins and other red varieties readily commanding \$2.75 @ \$3.
Buckwheat—\$2.50 @ cwt.
Beans—Unpicked common 75 @ 90c, and choice picked flnd good shipping demand at \$1.25.
Butter—Dairy flnds slow sale at 16 @ 17c for choice rolls, while an inferior article is to be had in endless variety at from 10 @ 12c.
Butterine—Solid packed creamery commands 25c, while dairy is quoted at 14 @ 15c for solid packed, and 15 @ 17c.
Beets—No shipping demand.
Clover Seed—Good local shipping demand.
Dealers quote choice stock at \$5.
Cabbages—\$5 @ \$6 @ doz. Very little moving.
Celery—15 @ 25c @ doz.
Cheese—Michigan full cream readily commands 12 @ 13 1/2c, while skim flnd occasional sale at from 9 1/2 @ 10c.
Cider—12c @ gal. for common sweet.
Cranberries—Firm at \$14 for bell and cherry.
Dried Apples—Evaporated, 7 @ 8c; common quarters, 4 @ 4 1/2c.
Eggs—Very plentiful, the large receipts of the past few days having forced the price down to 16c. Pickled stock is completely exhausted.
Hops—Brewers are paying 15c for best Michigan, with few offerings.
Honey—Choice new in comb is firm at 14 @ 15 1/2c.
Hay—Baled, \$13 @ \$14.
Mince Meat—6c @ lb for home made.
Onions—\$3 @ bbl. for yellow or red.
Pop Corn—3c @ lb for choice.
Potatoes—Not so firm as last week, on account of a weakening tendency at several Southern markets. Dealers still pay 3 @ 3 1/2c but are not making contracts ahead for an length of time.
Poultry—Very scarce. Fowls, 9 @ 10c. Chickens, 12 @ 13c. Turkeys, 14c.
Squash—Slow sale at 1/4 @ lb.
Turnips—25c @ bu.
Timothy—No shipping demand, and dealers buy only for prospective wants, holding \$1.75 for choice.
GRAINS AND MILLING PRODUCTS.
Wheat—Unchanged. The city millers pay as follows: Lancaster, 82; Fulse, 79; Clawson, 80c.
Corn—Jobbing generally at 48c in 100 bu. lots and 45c in carlots.
Oats—White, 84c in small lots and 34c in carlots.
Barley—58c @ bu.
Barley—Brewers pay \$1.10 @ \$1.20 @ cwt.
Flour—Unchanged. Fancy Patent, \$5.70 @ lb in sacks and \$5.95 in wood. Straight, \$4.70 @ lb in sacks and \$4.85 in wood.
Meal—Bolted, \$1.50 @ cwt.
Mill Feed—Screenings, \$15 @ ton. Bran, \$10 @ ton. Ships, \$17 @ ton. Middlings, \$18 @ ton. Corn and Oats, \$24 @ ton.



OLDEST & MOST RELIABLE

WHOLESALE

GROCERY HOUSE

IN WESTERN MICHIGAN.

Hardware.

The Nail in History.

The general definition of a nail is a piece of metal having an elongated body more or less sharp at one end and a head on the other end. Under this definition we find that nails were manufactured and used as far back as the working of metals was known. The first nails were naturally very crude and expensive and produced entirely by hand, but, as the times have required the improvement of nails has steadily advanced. It is only within the past seventy or eighty years that machinery has been employed in their manufacture. Previous to this time the nailers' tools were simply a forge, anvil, several hammers and heading tools or bories for the different species and sizes of nails. The plan of production was somewhat as follows: The end of the nail rod was heated and the body of the nail forged on the anvil with the different styles of hammers, cut off while hot over a chisel in the anvil, and placed in a suitable bore and headed by blows from a heading hammer. The first machine improvement on this process was made in 1790 by Thomas Clifford of Bristol, England. It consisted of two rolls, one above the other, with the impression of the nail, half in each one, combined with a sort of revolving die. When a strip of metal was fed through the rolls it was forced into the depressions and formed a kind of pressed nail, which came through on the opposite side, the head of one nail being attached to the point of the next one. These were separated by shears and were individually dressed before being sent to the market. This machine was afterwards made with a large number of depressions side by side, so that a broad sheet could be fed through. About this time cast nails were tried, but were found to be too brittle.

Nails by all these processes were very expensive, and in the United States, owing to the large number of wooden houses in process of erection at the beginning of the nineteenth century, the inventive genius of the Americans was turned toward improved methods of nail manufacture. Between 1794 and 1814 over one hundred patents were issued for improvements, the first consisting of the production from slips or hoops and heading by holding in a vise and shaping the head by blows from a hammer. But very soon machines were invented to cut and head nails in one operation. In 1856 there were produced in the United States 81,000 tons of nails.

The nomenclature of the nail is so well known as to call for but slight remark here. The word penny, as applied to nails, is supposed to be derived from pound; for instance, a 4-penny is one that takes 1,000 to make four pounds, and so on. In regard to the nail of the nineteenth century, a new metal,

as it were, is rapidly gaining ground. The steel nail is now an applicant for public favor. This nail has been experimented upon for some years, but only of late has it reached any commercial position. One of the difficulties in the production was the phosphorus, which, when not low enough, was very liable to leave the nail upon cutting headless and, therefore, useless. The idea, of course, being a merchantable nail, the phosphorus difficulty, after some little experiment, was overcome by "douching" the plates, after being rolled and cut and while still hot, with water. This renders the plate soft enough, and the steel being low there is no danger from the carbon, and, in fact, the operation takes the place of the annealing furnace.

John Otis on the Southern Iron Question.
John Otis, of the Mancelona iron furnace, was in town last week on his way to Chicago, and climbed the stairs leading to THE TRADESMAN office. Upon being questioned as to the present status of his business affairs, he stated that he had recently sold fifty tons of pig iron to the Rochester Car Wheel Works, and expected to dispose of a considerable quantity to Chicago consumers. He has now receipts from all but one house which filed claims against the concern and on May 10 Assignee Barnhart will ask to be released from further liability in connection with the estate, when the property will revert to Mr. Otis.

In speaking of the boasted encroachment of Southern iron in Northern markets, Mr. Otis stated that in his opinion the Southern product could not compete with Lake Superior iron either in price or quality. In the first place, it requires two and a half tons of Southern ore to make a ton of iron, whereas Lake Superior ore runs to 60 per cent. iron. The scarcity of hardwood in the South renders it extremely difficult to secure hard wood charcoal. It costs as much to make a bushel of soft wood coal as an equal amount of hard wood coal, while the value of the soft wood coal, for smelting furnaces, is one-third less. In addition to these disadvantages, the value of the manufactured product is 20 per cent. less than that of Lake Superior iron, while the added cost of transportation to Northern markets amounts to a practical shut out. Southern iron, to be profitable must be manufactured into stoves, machinery, etc., in the South, and even then it cannot entirely supplant Northern iron, on account of the superior quality of the latter.

Mr. Otis contemplates taking a trip through the iron producing districts of the South, just before the close of the New Orleans Exposition, for the purpose of making a thorough investigation of the subject of Southern iron. He has agreed to embody the result of his observations in a series of articles to THE TRADESMAN.

LATER—Mr. Otis was in town Monday,

on his way home from a trip to Chicago, and stated to a reporter of THE TRADESMAN that he had disposed of 190 tons of pig iron to the Bass Foundry and Machine Works at \$19 a ton delivered in Fort Wayne. This will leave a little less than 300 tons of iron in his yard at the furnace.

Mancelona Bound to Have a Business Boom.

C. S. Edwards, the Mancelona merchant and real estate dealer, pulled THE TRADESMAN's latch string one day last week and spent an hour or two in depicting the business advantages of that place. "We are bound to have a business boom the coming season," said Mr. Edwards, "and nothing short of the ending of the world can prevent Mancelona taking rank with Big Rapids, Reed City and Traverse City before many more years. We have got the soil, we have got the timber and—last, but by no means least—we have got the business men to develop both branches of business activity. All our manufacturing industries are now in a flourishing condition. The Oval Wood Dish Co. now occupies four buildings, each 40x100 feet in dimensions, and will erect a fifth structure, same size, as soon as spring opens. The factory is using three million feet of elm per year and turning out 150,000 butter plates—equivalent to a carload—per day. The Mancelona Handle Co. has lately built a large dry kiln and is adding considerable new machinery. More and Stow have put in their usual million and a half of maple logs, and will start their mill about April 1. Wilcox & Willett, the other saw mill firm, are doing a good business. Snyder & Harding, proprietors of the handle factory at Wetzell, are also doing a profitable business. John Otis intends to begin burning coal next week. That man deserves a great deal of credit for the manner in which he has overcome his business reverses, and I look forward to the time when he will be looked upon as one of the richest men in Northern Michigan. One of Mancelona's necessities in the shape of a grist mill is about to be supplied by A. F. Walbrecht, of Douglass, who agrees to have four run of stone in operation by July 1. Four Grand Rapids machinists are about to establish a foundry and machine shop, on ground donated by the village. Rodenbaugh Bros. talk strongly of erecting a brick building the coming season. Real estate is active, both village property and farming lands being in good demand at considerably higher values than held last year. Give Mancelona a bank, which the business interests of the place demands and will cordially support, and a good hotel, and the future will take care of itself."

A Pittsburg glass firm has made preparations to manufacture glass rollers for roller skates. The new enterprise is expected to roll wealth into the house, provided the skating craze does not subside.

Should Be Accompanied by an Affidavit.
"I see a Monroe street grocer is advertising to sell granulated sugar at six and a half cents," said a caller at Will Lamoreaux's office the other day.

"The man who buys sugar at that price would do well to buy a pair of scales at the same time," remarked Lamoreaux. [It is unnecessary to state here that Lamoreaux is the manufacturer's agent for a certain scale—Ed.] "About a dozen years ago," continued that gentleman, "I was boarding with a family who bought sugar in twenty pound lots. The lady of the house took it into her head to weigh a package on one occasion and found it to be two pounds short. She thereupon inserted an advertisement in one of the daily papers, threatening exposure unless the shortage was made good, and I'll be hanged if a dozen or fifteen grocers didn't send up two pound packages of sugar—as the result, I suppose, of guilt consciences."

As Mr. Lamoreaux refuses to make an affidavit with this statement, it may be set down as the creation of a distorted imagination.

A verdict of \$592.37 was rendered by a Chicago jury last week in favor of John A. Clarke in his suit for \$1,500 against Gray, Bart & Kingman, wholesale grocers. Clarke claimed that he had been employed to watch certain land of the defendant in Northern Michigan, and sued for services and money expended.

The counterfeit one-cent coin can be readily distinguished by its red color and lack of sharp outlines. On account of the softness of the metal, the edges are easily worn.

Are You Going to Holve a Store, Pantry or Closet?

If so, send for prices and further information.

Egleston & Patton's PATENT Adjustable Ratchet Bar

Bracket Shelving Irons

Creates a NEW ERA in STORE FURNISHING. In entirely superior style wherever introduced.

Satisfaction Guaranteed. All infringers prosecuted. Iron to be had from your local Hardware Dealer, and your orders direct to

I. W. PATTON, Sole Manufacturer, MACON, MO.

WHOLESALE PRICE CURRENT.

Prevailing rates at Chicago are as follows:

AUGERS AND BITS.	
Ives', old style	dis 60
N. H. C. Co.	dis 60
Douglass'	dis 60
Hercules'	dis 60
Snell's	dis 60
Cook's	dis 40
Jennings', genuine	dis 25
Jennings', imitation	dis 40
BALANCES.	
Spring	dis 25
BARROWS.	
Railroad	\$ 13 00
Garden	net 35 00
Hand	dis 60
Cow	dis 60
Call	dis 15
Dong	dis 20
Gong, Sargent	dis 55
BOLTS.	
Stove	dis 40
Carriage new list	dis 45
Flow	dis 30
Sleigh Shoe	dis 75
Cast Barrel Bolts	dis 50
Cast Barrel, brass knobs	dis 50
Cast Square Spring	dis 55
Cast Chain	dis 55
Wrought Barrel, brass knob	dis 55
Wrought Square	dis 55
Wrought Sunk Flush	dis 30
Wrought Bronze and Plated Knob	dis 50
Flush	dis 50
Ives' Door	dis 50
BRACES.	
Barber	dis 40
Backus	dis 50
Spofford	dis 50
Am. Ball	dis net
BUCKETS.	
Well, plain	\$ 4 00
Well, swivel	\$ 4 50
Cast Loose Pin, figured	dis 60
Cast Loose Pin, Berlin bronzed	dis 60
Cast Loose Joint, genuine bronzed	dis 60
Wrought Narrow, bright fast joint	dis 60
Wrought Loose Pin	dis 60
Wrought Loose Pin, acorn tip	dis 60
Wrought Loose Pin, japanned	dis 60
Wrought Loose Pin, japanned, silver tipped	dis 60
Wrought Table	dis 60
Wrought Inside Blind	dis 60
Wrought Brass	dis 60
Blind, Clark's	dis 70
Blind, Parker's	dis 70
Blind, Shepard's	dis 70
Spring for Screen Doors 3x3 1/2, per gross	15 00
Spring for Screen Doors 3x3 1/2, per gross	18 00
CAPS.	
Ely's 1-10	per m \$ 65
Hick's C. F.	dis 60
G. D.	dis 35
Musket	dis 60
CATRIDDGES.	
Rim Fire, U. M. C. & Winchester new list	50
Rim Fire, United States	dis 50
Centra Fire	dis 50
CHISELS.	
Socket Firmer	dis 70
Socket Framing	dis 70
Socket Corner	dis 70
Socket Slicks	dis 70
Butcher's Tanged Firmer	dis 40
Barton's Socket Firmer	dis 20
Cold	dis net
Curry, Lawrence's	dis 35
Hotchkiss	dis 25
COCKS.	
Brass, Racking's	dis 40
Bibb's	dis 40
Beer	dis 40
Fenn's	dis 60
COPPER.	
Planished, 14 oz cut to size	\$ 34
14x52, 14x56, 14x60	37
Morse's Bit Stock	dis 35
Taper and Straight Shank	dis 30
Morse's Taper Shank	dis 30
ELBOWS.	
Com. 4 piece, 6 in	doz net \$1 00
Corrugated	dis 20
Adjustable	dis 1/2
EXPANSIVE BITS.	
Clar's, small, \$18 00; large, \$26 00	dis 20
Ives', 1, \$18 00; 2, \$24 00; 3, \$30 00	dis 25
FILES.	
American File Association List	dis 60
Diston's	dis 60
New American	dis 60
Nicholson's	dis 60
Heller's	dis 60
Heller's Horse Rasps	dis 33 1/2
GALVANIZED IRON.	
Nos. 16 to 20	22 and 24, 25 and 26, 27 28
Lib. 12	13 14 15 18
Discount, Juniata 45@10, Charcoal 50@10.	
GAUGES.	
Stanley Rule and Level Co.'s	dis 50
HAMMERS.	
Maydole & Co.'s	dis 20
Kip's	dis 25
Yerkes & Plumb's	dis 30
Mason's Solid Cast Steel	dis 20
Blacksmith's Solid Cast Steel, Hand	dis 40
HANGERS.	
Barn Door Kipper Mfg. Co., Wood track	dis 50
Champion, anti-friction	dis 60
Kidder, wood track	dis 40
HINGES.	
Gate, Clark's, 1, 2, 3	dis 60
State	dis 60
Screw Hook and Eye, 1/2 in.	dis 25
and longer	3 1/2
Screw Hook and Eye, 3/4 in.	dis 30
Screw Hook and Eye, 1 in.	dis 35
Screw Hook and Eye, 1 1/4 in.	dis 40
Strap and T	dis 60
HOLLOW WARE.	
Stamped Tin Ware	dis 60
Japanned Tin Ware	dis 20
Granite Iron Ware	dis 25
HOES.	
Grub 1	\$11 00, dis 40
Grub 2	11 50, dis 40
Grub 3	12 00, dis 40
KNOBES.	
Door, mineral, jap. trimmings	dis 60
Door, porcelain, jap. trimmings	dis 60
Door, porcelain, plated trimmings	dis 60
Door, porcelain, trimmings list, 11 55	dis 70
Drawer and Shutter, porcelain	dis 70
Picture, H. L. Judd & Co.'s	dis 40
Hemacite	dis 50
LOCKS—DOOR.	
Russell & Irwin Mfg. Co.'s new list	dis 60
Hall's	dis 60
Brantford's	dis 60
Norwalk's	dis 60
LEVELS.	
Stanley Rule and Level Co.'s	dis 65
MILLS.	
Coffee, Parkers Co.'s	dis 40
Coffee, P. S. & W. Mfg. Co.'s Malleables	dis 40
Coffee, Landers, Ferry & Clark's	dis 25
Coffee, Enterprise	dis 25
MATTOCKS.	
Adze Eye	\$16 00 dis 40
Hunt Eye	\$15 50 dis 40
Hunt's	\$15 50 dis 20
NAILS.	
Common, Bra and Fencing	\$ 35
10d to 60d	dis 25
8d and 9d adv.	dis 25
6d and 7d adv.	dis 25
4d and 5d adv.	dis 25
3d advance	dis 25
3d fine advance	dis 25
Clinch nails, adv.	dis 1 75
Finishing 10d 8d 6d 4d	
Size—Inches 3 1/2 2 1/2 2 1/4 2 1/8	
Adv. 3 keg \$1 25 1 50 1 75 2 00	
Steel Nails—Same price as above.	
MOLASSES GATES.	
Stebbin's Pattern	dis 70
Stebbin's Genuine	dis 25
Enterprise, self-measuring	dis 25
Sperry & Co.'s, Post, handled	dis 50
OILERS.	
Zinc or tin, Chase's Patent	dis 55
Zinc, with brass bottom	dis 50
Brass or Copper	dis 40
Reaper	per gross, \$12 net
Olmstead's	dis 50
PLATES.	
Ohio Tool Co.'s, fancy	dis 15
Sciota Bench	dis 25
Sandusky Tool Co.'s, fancy	dis 15
Bench, first quality	dis 20
Stanley Rule and Level Co.'s, wood and	
PANS.	
Fry, Acme	dis 50
Common, polished	dis 60
Dripping	dis 60
RIVETS.	
Iron and Tinned	dis 40
Copper Rivets and Tinned	dis 50
PATENT PLISHED IRON.	
"A" Wood's patent planished, Nos. 24 to 27 10 1/2	
"B" Wood's pat. planished, Nos. 25 to 27 9	
Broken packs 1/2 c extra.	
ROOFING PLATES.	
IC, 14x20, choice Charcoal Terme	5 75
IC, 14x20, choice Charcoal Terme	7 75
IC, 20x28, choice Charcoal Terme	12 00
IC, 20x28, choice Charcoal Terme	16 90

ROPES.
Sisal, 1/2 in. and larger. 5
Manilla. 1 1/2

SQUARES.
Steel and Iron. dis 50
Try and Bevels. dis 50
Mitre. dis 20

SHEET IRON.
Com. Smooth. Com.
Nos. 10 to 14. \$4 20 \$3 00
Nos. 15 to 17. 4 20 3 00
Nos. 18 to 21. 4 20 3 00
Nos. 22 to 24. 4 20 3 00
Nos. 25 to 26. 4 40 3 20
No. 27. 4 60 3 40
All sheets No. 18 and lighter, over 30 inches wide not less than 2-10 extra.

SHEET ZINC.
In casks of 600 lbs. \$ 6
In smaller quantities, \$ 6 1/2

TINNER'S SOLDER.
No. 1, Refined. 13 00
Market Half-and-half. 15 00
Strictly Half-and-half. 16

TIN PLATES.
Cards for Charcoals, \$6 75.
1C, 10x14, Charcoal. 6 50
1X, 10x14, Charcoal. 8 50
1C, 12x12, Charcoal. 6 50
1X, 12x12, Charcoal. 8 50
1C, 14x20, Charcoal. 6 50
1X, 14x20, Charcoal. 8 50
1XXX, 14x20, Charcoal. 10 50
1XXX, 14x20, Charcoal. 12 50
1XXX, 14x20, Charcoal. 14 50
1X, 20x28, Charcoal. 18 00
DC, 100 Plate Charcoal. 6 50
DX, 100 Plate Charcoal. 8 50
DXX, 100 Plate Charcoal. 10 50
DXXX, 100 Plate Charcoal. 12 50
Reddip Charcoal Tin Plate add 1 50 to 6 75 rates.

TRAPS.
Steel, Game. 70
Onida Community, Newhouse's. dis 35
Onida Community, Hawley & Norton's. 60
Hotchkiss. 60
S. P. & W. Mfg. Co.'s. 20c
Mouse, choker. 20c
Mouse, delusion. \$1 26
WIRE
Bright Market. dis 60
Annealed Market. dis 70
Coppered Market. dis 55
Extra Bailing. dis 55
Tinned Market. dis 40
Tinned Broom. dis 10
Tinned Mattress. dis 8 1/2
Coppered Spring Steel. dis 40
Tinned Spring Steel. dis 37 1/2
Plain Fence. dis 3 1/2
Barbed Fence. dis 3 1/2
Copper. new list net
Brass. new list net

WIRE GOODS.
Bright. dis 70
Screw Eyes. dis 70
Hook's. dis 70
Gate Hooks and Eyes. dis 70
WRENCHES.
Baxter's Adjustable, nickelled. 50
Coe's Genuine. dis 50
Coe's Patent Agricultural, wrought. dis 65
Coe's Patent, malleable. dis 70
MISCELLANEOUS.
Pumps, Cisterne. dis 60
Screws, new list. 80
Castors, Bed and Plate. dis 50
Dampers, American. 30 1/2

Foster, Stevens & Co.
HEADQUARTERS FOR
Roller Skates, Skate Bags & Boxes

The New Era All Clamp Skate
—AND—
The New Era Rink Skate.
We claim the NEW ERA to be the most economical roller skate in the world, and this in connection with their immense popularity with those who have used them, commend them to the attention of every rink owner in the country. Our Clamp Skate is the only screw clamp made which operates all the clamps with one key at the same time.
The "VINEYARD" Skates are very popular, and we carry a full line of A. C. S. C. and C.

July Vineyard Roller All Clamp was patented July 13, 1880, and April 27, 1881.
A nice line of SKATE BAGS AND BOXES carried in stock.

Skate Bags for all clamp Skates.

Skate Boxes for all clamp Skates.
We solicit inquiries, and should be glad to quote prices to dealers and rink managers.

FOSTER, STEVENS & CO.

WILSON'S
Cabinet Creamery and Barrel Churn
AND ALL DAIRY SUPPLIES.

To first purchaser in new locality, we will give special terms.
The woman's friend. It saves three-fourths of the labor in butter-making, easily operated; you raise sweet cream from your own milk; you have sweet milk to feed which troubles its value. Send for circular. Agents wanted. Address FLINT CABINET CREAMERY CO., FLINT, MICH.

The Michigan Tradesman.

SOLIMAN SNOOKS.

Rapidly Recovering from His Recent Illness.

CANT HOOK CORNERS, March 20, 1885.
Mister Editor of Tradesman:

DEAR SIR—Well, here I am again, right side up with care, like a box of eggs. I tell you, Bro. Stowe, I gess I come very near elimin the golden stair, from all I can learn sence I got better. I am able to be in the store now and kind of oversee things, but cant do much. I have not got my full appetite back yet, for I could only eat 2 slices of steak, 5 slices of toast and a cupple of eggs for breakfast this morning. But I am gaining all the time.

Now, Stowe, that was a nice job you put up on me, putting that advertisement in for a correspondence with a widder. Confound it all, I am just loaded up with letters now. All kinds of em, from widders of 65 with \$15,000 in bonds, down to a hired girl in Kalamazoo, with nothing but her character to recomend her, and I don't think even that is in good repair, from the way she writes. One young damself of 25 writes from Kasanova, Mich., a real nice long letter. She says she aint no widder and never had no children. Thats kinder funny, for she says she has "knowd lots of drummers," and gives the names of 5 or 6, not necessary for publication, but simply to show good faith. I wood advise the dear sister to be a little cautious about this bizness. I have read of such things raisin Cain. (Gen. IV. 1.) She says, "My Karacter is fust class, and I can tend store and figger and take care of your raisins and karamels." I wood not wonder a blamed bit if she cood. She sent no picture, so I dont kno whether she is good lookin or not.

A widder by the name of Mary Jane Dinglebender comes well recommended. She writes from Chippmuck Run and sends her picture. But as she hapened to hold her fan a little in front of her face when she got it tuck, I cant see anything but her eyes and banged hair. She says she is quite rich, but I dont take no stock in that. But her letter is rich, any how.

One widder named Mrs. Montgummer says she has lost 5 husbands and wood like to find a No. 6. She says, "Love is more an object than welth," and that she "used to be an actriss." I gess she did. They are apt to lose husbands all about the country. They ought to put a bell on their men, so to find em.

But I cant speak of one-tenth of the letters I have received. The matrimonial market seems to be rather dull with a heavy stock of goods on hand and a small demand for old goods.

We are going to give our minister, Mr. Mugger, a donation party next week and people are in my store now getting things to take to it. I think I will get strong enough to attend and perhaps I can write you up a little discription of the occasion.

Oh, I forgot nearly to tell you, that I have received a card, inviten myself and ladies to attend a "Travlin Men's Party" at Armory Hall, Ionia St., Grand Rapids, March 27. By Jinks, I shoood enjoy that, even if I haint exactly a travelin man. I have done some tall travlin in my day, too. I walked from Nashville, Tenn. to Washington, D. C., once, by way of Atlanta and Savanna Georgia; but the tallest travelin I ever done was one time when a hull division of Hardee's corpse got after our regiment at Jonesboro. Thats not what I started to say, though, I was going to say that I hoped I cood manage it so to go down to your city to that ball. I kno the boys wood be all glad to see Uncle Sol. trip the light fantastic toe, but they wood be disapinted in that, for I sworn off years ago on dancin and all such vain and sinful amusements. So did the widder, but I spose I shall take her if I go.

I am kind of shakey on my pins yet and my hand trembles, so I gess I will have to cut my letter rather short.

Your last paper just got along and I have read the letter in it from my clerk. Algeron writes a nice letter, dont he? But my sakes! how did I ever recover from such a horrible lot of diseases. If I had a knowd what I had, I do think I shoood have went up the flew.

Dock Kobb is rathy, cause the boys got dock Trotter to dockter me. I spose he had rather I wood die than to have his professional repertation hurt any.

I had rather not.

I thank you Bro. Stowe, for the bundle of letters you mailed to me containing remembrances, respects, etc., from various dealers throughout the State. I want to thank my brother merchants for all these kind expressions, also.

Old winter let go for a very few days, just to spit on his hands, but he has took holt again with fresh energy and six inches of snow. That will make good slaying for our donation any how, which is some comfort.

Yours hopefully,

SOLIMAN SNOOKS,
G. D., P. M. and J. P.

P. S.—I notice in your paper of a week ago, you say that you claim no responsibility for what I may say. That is right, I am able to back up all I say. I hope tho, none of your readers have been offended at my little statement of facts transpiring at the Corners, for, as a simple guileless chronicler of the doings in our little city, I must tell of all that hapens.

Uncle Potts has just got back, have not seen him yet.

Many a boarding-house patron gets into hot water when he ladles out the soup.



TRADE MARK.

O. H. RICHMOND & CO.

GRAND RAPIDS, MICH.

MANUFACTURERS OF

Richmond's Family Medicines.

RICHMOND'S LIVER ELIXIR.

The best selling liver and blood medicine in the market, 50 cents.

Richmond's Cubeb Cream,

Richmond's Ague Cure,

Richmond's Cough Cure,

Richmond's Easy Pills,

Dr. Richards' Health Restorer.

Retailers, please order of your jobbers in Grand Rapids, Chicago or Detroit. If your jobber does not handle our goods, we will fill your orders. Pills and Health Restorer can be sent by mail. 141 South Division St., Grand Rapids.

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D'OLIVEIRA'S

Parisian Sauce

HAWKINS & PERRY,

Sole Agents for Grand Rapids and vicinity.

the most fragrant, palatable and popular now existing. It is the healthiest and best Sauce in the world, and without rival as an appetizer.

It is a

Small bottle for 10 cents.

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MUSKEGON BUSINESS DIRECTORY.

ORCUTT & COMPANY,

WHOLESALE AND COMMISSION

Butter, Eggs, Cheese, Fruit, Grain, Hay, Beef, Pork, Produce.

Consignments Solicited.

MUSKEGON, MICH.

A. W. MOSHER,

Wholesale and Commission Dealer in

Farmer's Produce, Butter, Eggs, Etc

CONSIGNMENTS SOLICITED.

Pine Street. - Muskegon, Mich.

S. S. MORRIS & BRO.,

PACKERS

-AND-

Jobbers of Provisions,

CANNED MEATS AND BUTTERS.

Choice Smoked Meats a Specialty.

Stores in Opera House Block, Packing and Warehouse Market and Water Streets.

APPLES!

We have a large Western order trade for Apples in car lots, as well as a good local demand, and also handle Evaporated and Sun-Dried Apples largely. If you have any of these goods to ship, let us hear from you, and we will keep you posted on market prices and prospects. We also handle Beans and Potatoes. Liberal Cash Advances made on Dried Fruit, also on Apples in carlots.

EARL BROS., Commission Merchants,

169 S. Water St., Chicago, Ill.

REFERENCE FIRST NATIONAL BANK.

CLARK, JEWELL & CO.,

WHOLESALE

Groceries and Provisions,

83, 85 and 87 PEARL STREET and 114, 116, 118 and 120 OTTAWA STREET,

GRAND RAPIDS, - - - MICHIGAN.

WM. SEARS & CO.

Cracker Manufacturers,

Agents for

AMBOY CHEESE.

37, 39 & 41 Kent Street, Grand Rapids, Michigan.

RINDGE, BERTSCH & CO.,

MANUFACTURERS AND WHOLESALE DEALERS IN

BOOTS AND SHOES.

AGENTS FOR THE

BOSTON RUBBER SHOE CO.

Our spring samples are now ready for inspection at prices as low as the lowest. We make a Gent's Shoe to retail for \$3 in Congress, Button and Bals that can't be beat.

14 and 16 Pearl Street, Grand Rapids, Mich.

Choice Butter a Specialty!

Oranges, Lemons, Apples, Cranberries, Cider, Buckwheat Flour, Etc.

Careful Attention Paid to Filling Orders.

M. C. Russell, 48 Ottawa St., G'd Rapids.

PERKINS & HESS,

—DEALERS IN—

Hides, Furs, Wool & Tallow,

NOS. 122 and 124 LOUISSTREET, GRAND RAPIDS, MICHIGAN.

H. LEONARD & SONS,

Importers and Jobbers of

Crockery, Glassware & Lamps

16 Monroe Street, Grand Rapids, Mich.

AGENTS FOR

Knowles, Taylor & Knowles' American W. G. Ware.

AND

Wedgewood & Co.'s English Ware.

Special Prices given on STONEWARE in Car Lots.

The "GOOD ENOUGH" 5 and 10 gal. OIL CANS.

The "EMPRESS" 1-2, 1 and 2 gal. OIL CANS.

Galvanized Iron Grocer's OIL TANKS, \$7.00 each.

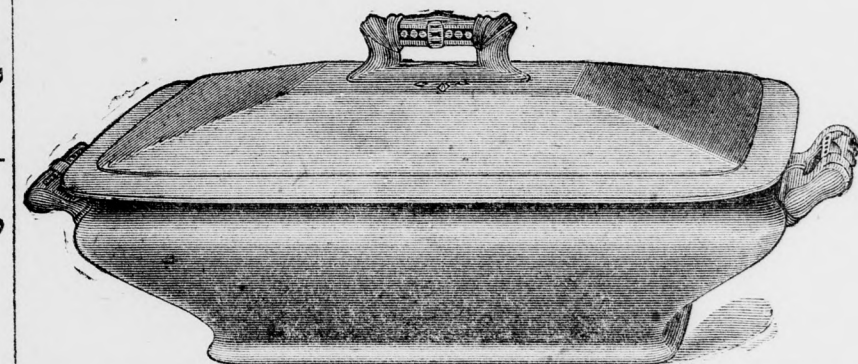
Engraved Globe Crimp Top Lamp Chimneys.

"LA BASTIE" Toughened Glass Chimneys will not Break.

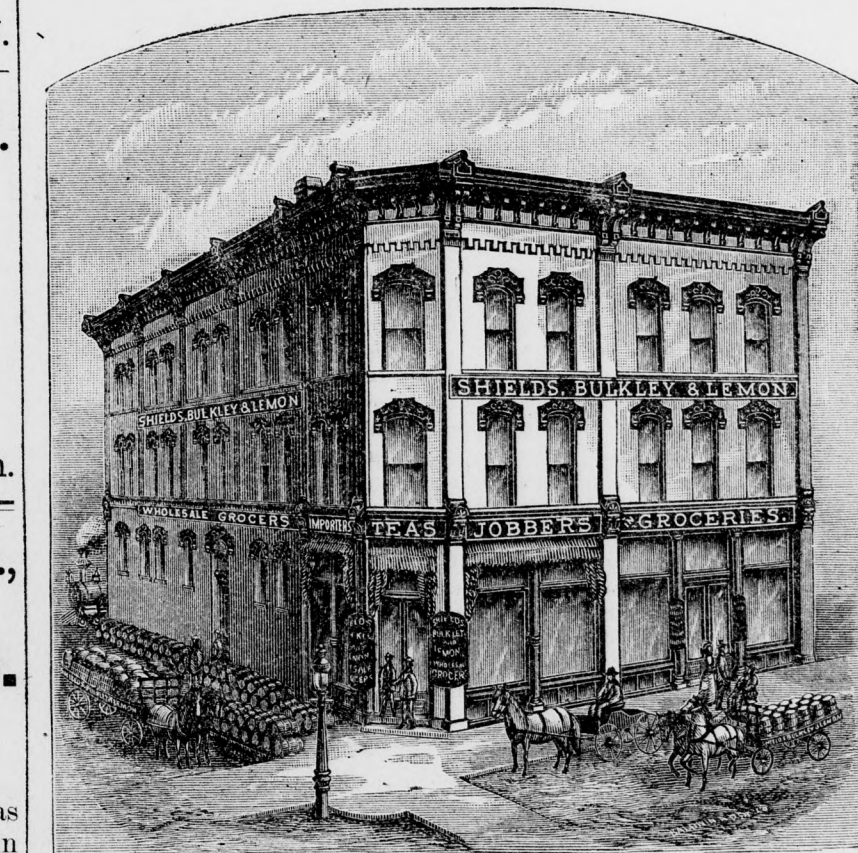
We Sell our Labeled "FLINT" Glass Chimneys at the same Price others ask for Second Quality, when five boxes of any styles are taken.

We deliver Lamp Chimneys, Stoneware and Kerosene Oil at any depot in this city free of Cartage.

Send for our Illustrated Price List of Crockery, Glassware and Hanging Lamps, showing Package Lists and open stock Prices of our full line.



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—PROPRIETORS—

MODEL MILLS.

—MANUFACTURERS OF—

Gilt Edge Patent and White Loaf Brands of Flour.

Good Goods and Low Prices. We invite Correspondence.

Full Roller Process.

CORNER WINTER AND WEST BRIDGE STS.,

GRAND RAPIDS, MICH.

