

The Michigan Tradesman.

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NO. 125.

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And carbonate of Iodine Inhalant. A
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Bronchitis, Asthma
and all diseases of
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—even consumption
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It will break up a Cold at once. It is the king
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and endorsed by the standard medical journals
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Pure Apple Cider and White Wine Vinegars,
full strength and warranted absolutely pure.
Send for samples and prices. Also dealer in
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CLIMAX-
PLUG TOBACCO,
RED TIN TAG.

It is the only
Tobacco
that
will
burn
down
the
taper
and
leave
the
tobacco
in
the
box
as
good
as
new.

THE PERKINS WIND MILL.

BUY THE BEST
SAVE MONEY.

It has been in constant use
for 15 years, with a record
equalled by none. WAR-
RANTED not to blow down
it; or against any wind that
does not dislodge substantial
farm buildings; to be perfect;
to do better work than any
other mill made.

Agents wanted. Address Perkins Wind Mill
& Ax Co., Mishawaka, Ind. Mention Tradesman.

Do not delay in ordering
a case of

SILVER SPOON BAKING POWDER.

The best selling scheme on
the market. A large fine
dish or pitcher given away
with each can. Price,
\$7.50 per case of 3 dozen.

ARCTIC MANUFACTURING CO.,
GRAND RAPIDS, MICH.

Sold by all Jobbers.

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

GRAND RAPIDS GRAIN AND SEED CO.
71 CANAL STREET.

A Million Dollars.

Millions of dollars would be saved annually
by the invalids of every community, if, instead
of calling in a physician for every ailment,
they were all wise enough to put their trust in
Golden Seal Bitters, a certain cure for all dis-
eases arising from an impure state of the
Blood and Liver, such as Scrofula in its various
forms, Rheumatism, Dyspepsia or Indigestion,
Female Irregularities, Diseases of the Kidneys
and Bladder, Exposure and Imprudence of
Life. No person can take these Bitters accord-
ing to instructions, and remain long unwell,
provided their bones are not destroyed by min-
eral poison or other means, and the vital or-
gans wasted beyond the point of repair. Gold-
en Seal Bitters numbers on its list of cures ac-
quired a great celebrity, being used as a fam-
ily medicine. Sold by Hazeltine & Perkins
Drug Co.

DRYDEN & PALMER'S ROCK CANDY.

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

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Sole Agent for Grand Rapids.

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Promptly attended to throughout the State.

References: Hart & Amberg, Eaton & Christen-
son, Enterprise Cigar Co.

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We desire to call the attention of the Trade to
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SCHOOL BOOKS,

School Supplies

And a General Line of Miscellaneous
Books, Stationery, Paper, Etc.

We have greatly increased our facilities for
doing a General Jobbing Business, and shall
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We issue separate lists of Slates, School and
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Quotations on any article in our stock cheer-
fully furnished. We have the Agency of the

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10c Cigar for 5c.

Brown Bros.

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DETROIT, MICH.

C. ROYS & CO.,

Whips & Lashes

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STANLEY N. ALLEN, Proprietor.

WE DO ONLY FIRST-CLASS WORK AND USE NO
CHEMICALS.

Orders by Mail and Express promptly at-
tended to.

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And Full Line Winter Goods.
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HORSE AND WAGON COVERS.

WHOLESALE DEALERS IN
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We pay the highest price for it. Address
Peck Bros., Grand Rapids, Mich.

WE LEAD—OTHERS FOLLOW.

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Grand Rapids
Business College is
a practical trainer
and fits its pupils for the vocations of busi-
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for Journal. Address C. G. SWENSBURG,
Grand Rapids, Mich.

LUDWIG WINTERITZ,

(Successor to P. Spitz.)

SOLE AGENT OF

Fermentum,

The Only Reliable Compressed Yeast.

Manufactured by Riverdale Dist. Co.,

106 KENT ST., GRAND RAPIDS, MICHIGAN.

Grocers and Bakers who wish to try
"FERMENTUM" can get samples and full
directions by addressing or applying to the
above.

Giving Her a Weight.

She entered the store with a charming smile,
And said to the clerk, "Oh, Charlie, say?
Have you a moment to spare for me?
And let me know how much I weigh?"

"One thirty is what the figures say,"
"How heavy I am! Assist me, please."
And the grocer saw with his weather eye
The young man give her a gentle squeeze.

"Who was the girl?" asked the grocer man,
For a moment the youngster answered not,
Then he softly said in a bashful voice,
"Oh! that is the weight I long have sought."

WEIGHT VS. COUNT.

Supplemental Paper to the Article Publish-
ed Two Weeks Ago.

To the Retail Grocers' Association of Grand
Rapids:

GENTLEMEN—The courtesy extended to
the writer through the medium of your tem-
porary Secretary, by whom I am requested
to graphically state "the form of opposition
received from either producer or consumer
relative to the purchase and sale of eggs by
weight," and also to state the "measure of
weight we use as a standard" is hereby
acknowledged. In reply I can only offer
the following facts:

The arguments used by the producer at
first were that it was prejudicial to his in-
terests, as "eggs always had been bought by
count," and if we proposed buying by weight
then the farmer who raised small eggs would
not stand a fair chance with the one who
raised larger ones, and they would not sub-
mit to it; besides they said "egg sought to be
sold by the dozen."

On the part of those in our own concern,
it was urged that it was breaking up an "es-
tablished custom" would not be as conven-
ient, and might prejudice the seller against
bringing his product to us to sell; and as it
never had been done, there was no good rea-
son for doing it now. When the justice of
the movement was urged, they could not
avoid the concession; but they still contended
that a dozen of eggs was a dozen of eggs
whether large or small.

The consumer had, like the producer, al-
ways bought eggs by the dozen and did not
like buying by weight; besides he did not
know how many eggs it took for a pound,
and hence did not know how many pounds
to order. Many an explanation and illus-
tration had to be made to the former to
show him the fallacy of the old way. For
instance, that the man who raised small
apples of which it took two hundred
to make a bushel, should just as
equitably insist upon getting pay for two
bushels, as the neighbor whose apples count-
ed one hundred to the bushel should get pay
for the two bushels which his two hundred
apples measured.

The thinking farmer soon opened his eyes
and sold us all his large eggs, and either
used at home or sold our neighboring dealers
the small ones.

Quite soon increased confidence was man-
ifested as to the certainty of convictions in the
amount weighed in, as against the old
counting method. The seller stood by and
saw the beam tip at say 25 pounds gross.
He waited calmly until the vessel contain-
ing his product was empty, and then could
see just what the tare was—say five pounds
—and could readily decide the net result of
20 pounds, and there was never a question
as to 10, 12 or 14 dozen, while all questions
of intentional or accidental "wrong count"
were forever at an end. The consumer con-
tinued to order by the dozen, as before.
When this occurred, we counted them into
the scales and weighed them the same as
butter, cheese or anything else; but before
long our customers fell into the habit of or-
dering so many pounds, the same as they
would sugar, tea, prunes or rice, which were
placed in the scoop and weighed the same
as any of the articles named, put into paper
bags, boxes or baskets, and thus delivered
to the customer, to their evident and con-
tinued satisfaction. Whenever we chanced
to get out of eggs, and, to fill an order, had
to send out to one of our dealers we, as a
rule, found where the small eggs went, fre-
quently finding a difference of one-half a
pound on a dozen or a difference of 33 1/3 per
cent.

The community have learned the equity
of purchasing this product by weight and I
doubt their consent to going back to the old
way.

As to the measure of weight used by us
as a standard, we have demonstrated that
good-sized eggs will weigh 1 1/2 pounds to
the dozen; and, while we purchase strictly
by weight, we base our price on this mea-
sure of weight per dozen. When eggs are
worth 15 cents per dozen to buy, we pay 10
cents per pound, and usually sell at 12 cents
per pound equal to 18 cents per dozen.

As to arguments adduced by dealers in
opposition to this plan, they seem to be ful-
ly met by rejoinders which were sent by the
writer to the American Grocer in November,
1884, as follows:

First—No reputable dealer will for a mo-
ment concede that eggs packed by count are
received without being repacked and re-
counted by the seller, and, if a barrel of
eggs is reshipped to a second or third party,
the number of pounds of eggs is of as much
reliability as the number of dozens so
marked.

Second—To intimate that it opens a door
to fraudulent claims for tares and short

weights seems quite as idle, as the same
claim would apply to any other package; for
instance, tierces of rice, sugar hogsheads,
lard tierces, packages for smoked meats and
packages for foreign fruits, etc., *ad libitum*.
Other arguments could be adduced that
would present themselves to the reflective
mind in a clear and intelligent light, but I
have not the time to delineate them.

This hasty compliance with your request
is respectfully submitted, in the hope that
good may come therefrom in the near fu-
ture.

S. BARNES.

Advertising Mediums.

The number of copies a paper prints, al-
though an important point, is not the only
one by which to judge its worth as an ad-
vertising medium. The character, influence
and standing of the paper in a community
are all equally important factors in deter-
mining its value as a medium by which to
communicate with the people of the section
in which the paper circulates. Experience
teaches that careful editorial guidance and
superlative care given to statements in the
news columns of a paper, as a rule, render
its advertising columns much more valuable
than a paper reckless in assertions and lav-
ish in its indorsements of anything and
everything under the sun. The influence of
a newspaper, commercially considered, is
as the influence of an individual. A man
careless of his statements is not considered
good authority or a reliable source of in-
formation; so a good newspaper with its ed-
itorial opinions at the beck and call of any-
one with a bank account of sufficient dimen-
sions soon loses its weight with readers,
who quickly discover its unreliability and
are careless even of statements printed in
the advertising columns—the advertising is
then about equally valuable as so many
handbills. The same rule applies to papers
depending upon sales effected through mak-
ing a specialty of low sensations; such news-
papers are bought to gratify curiosity, are
cullied for their particular attraction, then
thrown away, and a reliable newspaper is
consulted for the news of the day, and the
opinions of the latter are respected. This
respect is to a certain extent extended to the
advertising columns, and a subtle, but in-
fluential indorsement is by the journal's
character given to the statements, even
though known to be paid for and in the ad-
vertising department. For instance, a com-
plimentary notice in a newspaper of known
reliability and careful of its assertions, as
all advertisers well know is worth more
than the flippant statements of one whose
praise is unlimited and whose unqualified
editorial indorsement of anybody or any-
thing is obtainable for a consideration. One
word from the columns of the former will
weigh a ton in the scales of public judg-
ment, where a similar statement from a less
reliable paper is mentally alluded to as
nothing but a paid "puff."

Wives as Partners.

From the Cincinnati Grocer.

A retail dealer, as a rule, can have no
better partner than his wife in his business.
With her to help him, he is sure of at least
one honest clerk, and often a most efficient
one. The wife is more careful than the
husband to look after the little leaks and
wastes about the store. If possessed of
some business instinct, she will soon feel an
ambition to see the business succeed and
make money. If the husband will give her
but half an opportunity to exercise her
judgment the business will prosper and
grow. When a woman does take naturally
to business, she takes hold with a closer
and more intelligent grip than a man does,
and seems to take more real pleasure than he in
making money. Wives do not generally
know enough about their husband's affairs.
It frequently happens that a merchant dies,
leaving his wife knowing less about his busi-
ness than strangers do. The estate will
then often be mismanaged and squandered
by an incompetent or dishonest adminis-
trator. If the wife had been kept well in-
formed of the condition of the business she
could have stepped into her dead husband's
place and brought his affairs to a successful
close. As our country grows older and be-
comes more densely populated the problem
of making a living grows more and more
serious. Hence the need for a wife and her
daughters to lend "the old man" a helping
hand becomes more imperative. It is meet
that they should help. Wives and daughters,
as well as the father and the sons, are the
better for being kept busy in some honest
employment.

German State Monopoly of Liquor Sales.

Foreign advices indicate that a proposed
government monopoly of the sale of spirits
in Germany will be brought before the
Reichstag. The fact that this body refused
to grant the government a monopoly of the
sale of tobacco does not seem to have de-
terred the government from broaching the
scheme. The general proposition as stated
is that the state shall buy up all the raw
spirits in the empire, and after refining, re-
tail them at home and export them abroad.
The granting of licenses to sell would natu-
rally be a further source of revenue to the
government.

WATCHING THE CLERKS.

A Detective Association to Pry into Their
Private Habits.
From the Chicago News.

"The time has gone by," said a Chicago
merchant, "when business men could em-
ploy help indiscriminately or even keep men
whom they have had in positions of trust for
years without knowing more of them than
acquaintance in the store or office can give.
Our confidence is so much abused and our
pockets are so frequently rifled that we have
come to feel that protection is absolutely
necessary. About the only thing we re-
ceive which gives us a favorable opinion of
a man when he applies for work is an intro-
duction from a mutual friend or a letter of
recommendation; but the friend or the writer
of the letter rarely knows more of the man's
real character than we do, and the recom-
mendations in reality testify only to his
ability to do work. They tell us nothing
of the man's life after business hours—
whether he passes it in a respectable and
honorable way or devotes it to drinking and
gambling. An association is to be formed
for the purpose of probing into this thing.

"We think of organizing a detective sys-
tem for the purpose of exercising surveil-
lance over our employees. The number of
disreputable places in Chicago is not so
large but that we can secure a pretty cor-
rect idea of a man's habits without going to
any very heavy expense. I was a member
of such a society in New York, and it was
of incalculable benefit to me. As an exam-
ple of its workings let me show you this brief
report," said the gentleman, displaying a
ruled, partially printed blank. It read as
follows:

"To Subscriber 307: The person of whom
you inquire is about 26 years old, unmarried.
Has been in New York three years, and
bears a good character. Often visits gam-
bling houses. Drinks, but not to excess.
Lives expensively.

"This young man," continued the mer-
chant, "came to me with the very highest
recommendations. I wanted a cashier, and
should have employed him had it not been
for the report from the protective society.
You can very readily understand why I did
not wish a man who frequented gambling
houses, even though so quietly that his
friends knew nothing of it to handle my
money. Neither would I knowingly em-
ploy a man who drank, even if he never did
get drunk. This young fellow could not un-
derstand why I refused his application.
Many a trusted employee in New York at
that time wondered why his resignation was
asked for or how his employer learned that
he occasionally played faro or went out with
a convivial party."

"But if a man is honest and faithful, and
attends strictly to his business, do you store
it up against him that after business hours
he gambles or drinks a little?"

"We most assuredly do. Among business
people the sentiment against dissipation in
employees is growing stronger and stronger.
The first thing we ask now about a new man
is: Does he drink or gamble? and we pro-
pose answering these questions through the
new society. Experience has taught us that
the reliable men—those most to be trusted
—are those who abstain from whisky and
cards, and I venture the assertion that ten
years from now the drinking man will find
difficulty in securing any employment—
much less a position of responsibility. A
young man may drink and gamble in mod-
eration for years and still attend to his work,
but he is sure to come to grief, and his em-
ployers must suffer. We do not say that
every drinking man and every gambler shall
be discharged, but we are going to find out
who of our employees have bad habits, and
you may be sure they will be given no po-
sition of trust or profit.

"I do not care to give you the names of
any of the members of the new association.
Suffice to say that there will be over two
hundred, that they include many of our prin-
cipal business men, and that enough opera-
tives will be employed to keep us posted on
what we wish to know."

It is pleasing to note that several differ-
ences between employers and employees
have been recently settled by arbitration.
These differences will always occur, and this
means of settlement ought to prevail to a
much greater extent than it does. It is sen-
sible and cheap; although it has, in special
instances, been employed for years, it has
never received the attention it deserves.
Both parties to the controversy appear to
forget the existence of such a method, when
trouble comes. As an evidence of the at-
tention which arbitration in labor disputes
is receiving, and the favor with which it is
likely to be received, it may be noted that
the Governors of several states have alluded
to it in recent messages. Neither party to a
labor dispute can hardly ever be character-
ized as entirely unreasonable. Both simply
don't want the other party to have his way,
which is rather natural, after all. Often
they would not seriously object to a third
party having his way.

The Government arsenal at Osaka, Japan,
is now turning out steel rails as good as the
imported; and it is said that before long full
railway equipments will be made at home
for their rapidly extending lines.

Raisin Making in California.

From the Orange (Cal.) Tribune.

The grapes are purchased on the vines,
some by actual weight, others by estimating
the crop from weighing the product of every
tenth vine. The grapes are picked by crews
of men under experienced foremen, and are
placed in trays or wooden frames, which are
piled on top of each other in wagons and
taken to the scales, weighed and then taken
to the drying grounds. These consist of
about sixty acres of land, smoothed and
cleaned like a brick yard, and the grapes are
spread out in long rows to dry in the sun.
Ten days to two weeks from the "laying
down," is usually about the time required
to dry them, and then those thoroughly
cured are taken up and put into the sweat
boxes. Probably one-third are not yet cured,
and those are turned over and placed in
narrow rows until the action of Old Sol has
made them ready. The enormous quantity
of grapes handled by one firm can be esti-
mated when it is known that at one time
this sixty-acre plot was covered, and a por-
tion of it has been covered a second time.
Teams are continually coming and going,
and a small army of men are employed to
take care of the grapes and keep the teams
on the move. Many women and girls are
also employed picking up the loose raisins
that have fallen from the stems. The trays
are of a number and capacity to hold three
hundred tons of grapes. Another thing
which catches the eye at the drying ground
is the preparation made for possible rains,
in the shape of rolls of oil paper stacked up
in all directions. This paper is in sheets
about four feet in width and sixteen feet
long, prepared to withstand rain by dipping
it in boiled oil. Two carloads of paper and
fifty barrels of oil have been used this sea-
son, but as yet it has not been found neces-
sary to use the paper.

When properly dried the grapes are taken
up and put into sweat boxes, probably sev-
enty-five or one hundred pounds to the box,
and hauled to the packing house, where
they are piled from floor to ceiling in the
large front room. They are left here some
ten days and passed through a sweating
process, the object being to equalize the mois-
ture contained in them. When placed in
boxes some are much drier than others, but
when ready for the packer the intention is
to make them as nearly as possible equal
and uniform in that regard. Four layers
are placed in a box, and each layer is weigh-
ed by the packer, and the whole must make
exactly the twenty packages required.
When a box is filled, the packer takes it to
the scales near the door, presided over by
an expert in the business, who carefully
weighs and examines it, and if all right it is
carried to the next room, where it is nailed
up and the corners smoothed off, and it is
ready for shipment. Particular care is ex-
ercised in grading and weighing.

The most of the packers are Chinamen,
and, as usual, they soon become experts at
the business, putting up from ten to twelve
boxes a day. White men fill all of the re-
sponsible stations, it evidently being consid-
ered necessary to keep a close and vigilant
watch over the "heathen" to keep him from
resorting to "ways that are dark." Occa-
sionally a box goes back to the packer and
is upset on his table as a gentle reminder
that first-class work must be done all the
time.

The box lids are branded by a powerful
cylinder press run by horse power, and it is
rather amusing to a printer to watch the
modus operandi of this coarse-grained
printing. Checks are used in every depart-
ment, a packer receiving a check on each
box delivered at the scales. The work
promises to last until Christmas or New
Years before the whole crop is disposed of,
but the favorable weather which the raisin-
makers have been blessed with will facili-
tate their operations, and if it continues for
another month they will have the most of
the work done.

Inferiority of Rio Coffee.

From Rio Janeiro, W. E. Curtis recently
wrote: "The coffee trade of Brazil is just
at present in a very demoralized condition
on account of the cheap price of the article
which is lower than it has been since 1857.
It reached the price of 17 cents a pound in
1864, then declined and remained at about
11 cents until 1871, when it rose again to 17
cents, and in 1874 had reached 23 cents a
pound. This was the time when the crop
was very light. Since then it has been
gradually coming down until it is now from
6 to 8 cents a pound delivered in New York.
The main causes of the low prices are the
extremely large production and the poor
quality of the coffee itself. A very much
better grade of coffee is produced in Central
America and on the Spanish Main, which
brings 9 and 11 cents, but the Brazilian
planters do not appear to encourage the cul-
tivation of a superior article and the time
will come when the product of Mexico, Central
America, and the countries on the Carib-
bean Sea will drive out the Rio coffee from
our market. Three-fourths of the coffee
shipped from Brazil comes to the United
States, and the Europeans express a wonder
that we should continue to buy it when we
could get a better grade at nearer places at a
very small increase of price."

The Michigan Tradesman.

A JOURNAL DEVOTED TO THE
Mercantile 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, FEBRUARY 10, 1886.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

President—Lester J. Rindge.
Vice-President—Chas. H. Leonard.
Treasurer—Geo. B. Dunton.
Annual Meeting—Second Wednesday evening of October.
Regular Meetings—Second Wednesday evening of each month.

Traverse City Business Men's Association.

President, Frank Hamilton; Secretary, C. T. Lockwood; Treasurer, J. T. Beadle.

Business Men's Protective Union of Cheboygan.

President, A. M. Wessgate; Vice-President, H. Chambers; Secretary, A. J. Paddock.

Subscribers and others, when writing to advertisers, will confer a favor on the publisher by mentioning that they saw the advertisement in the columns of this paper.

BE TRUE TO YOUR EMPLOYER.

It does not pay to betray an employer for the sake of a few dollars' gain. There may be times when such a course will result to the financial advantage of the principal actor, but such exceptions to the general rule are very rare.

As a ready instance of the way in which betrayals of confidence usually result, it is only necessary to refer to a recent case in point happening in this city: Two houses were bidding for the same trade with a persistence seldom met with, even in the jobbing business. The manager of one house conceived the idea of hiring the book-keeper away from the other firm, and accordingly made such arrangements with the employee, the latter agreeing to deliver up to the new employer all the points he was able to pick up regarding the business of the old house. It was not his services the new employer wanted, but the private information he was supposed to possess—information which should have been held as sacred as life. The result was that the book-keeper secured a liberal advance in salary. He understood that the advance was not paid out of consideration for his value as a worker, but because the new employer placed a premium upon the business secrets he was, supposedly, able to deliver to the purchaser.

The sequel of the matter is that as soon as the book-keeper was pumped dry he was cast aside—not because his work was not satisfactory, but for the reason that the new employer realized that if he could be bought once he could be purchased again, and was consequently not a safe man to entrust with the business secrets common to a mercantile establishment. The man is out of employment to-day, and is as much an object of scorn to the business public as if he were a traitor to his country. And so it will always be with those who seek to build themselves up at the expense of others!

The Wolverine State is destined to be the recipient of considerable notoriety through the valuable discoveries now being made by Prof. Vaughan on the cause, nature and prevention of cheese poisoning. Although Mr. Vaughan is not imparting the information of which he is possessed as fast as most of us would prefer, yet we have assurances that he is delving in the right direction, and that as soon as he has come to a satisfactory conclusion regarding the nature of the poison, and has hit upon a reliable method of preventing the same, he will make a full and free disclosure, for the benefit of the world. Dr. Vaughan's determination that no other chemist shall take up the subject at the present stage and anticipate him in the announcement of the final result is a not unusual phase of human nature. We all like to receive all the credit we deserve, and it is not to be wondered at that Prof. Vaughan desires to secure for himself the applause which will necessarily follow the consummation of one of the most prolonged investigations known to the scientific world. And Michigan, as the home of the discoverer and the seat of the investigation, will share with him the honor.

The Retail Grocers' Advocate, of New York, reproduces The Tradesman's editorial on Smith Barnes' paper on "Eggs by Weight," and volunteers the following information on the subject:

In certain portions of Europe eggs have long been sold by weight. It will never be possible to guarantee the sale of strictly fresh eggs until they are sold by weight. After this reform has triumphed with green vegetables it may be possible to do something with the egg question. Belgium is probably the best egg country in the world. There the eggs are graded in three and four grades. The first reform should be in getting all eggs graded, and after that has been accomplished it may be possible to get eggs sold by weight.

The bank clearings last week aggregated \$394,405.90 against \$434,619.04 the week before. The decrease is owing to the terribly cold water which prevailed five days of the week, putting a damper on business and reducing the exchanges to the minimum of necessity.

Monroe will probably be the next town in the State to launch a grocers' organization. Paul P. Morgan is agitating the subject of his brother merchants, and will secure their co-operation.

The cause of prohibition has received a severe blow from the decision of the United States Court in Kansas that the State must pay for a brewery which has been rendered useless by the enactment of prohibition. The principle that vested rights must be respected by every social change is wrought into the practice of the English government, and has become a part of that common law which is help to bind even the national legislature. But in America there has been much less regard for these rights, and especially the opponents of the liquor traffic have spoken and acted as though the manufacturers of intoxicants were no more worthy of compensation for their losses than was a band of robbers whose business has been broken up by the officers of the law. If this decision is to stand in law, and is to apply to liquor-dealers as well as manufacturers, prohibition will be a very costly business to any community which enacts it. And rural communities, which are the most ready to pass prohibitory laws, are also about the last to vote for anything that will add to the burden of taxation.

Mr. Wilson in the Senate has proposed a law to increase the postage on fourth-class mail matter. This is the express branch of the postal service, and it is objected that the bill would not increase the receipts from samples, seeds and the like, but only hand the business over to the express companies. This we think a very strong argument for the proposition. The post-office has no right to go into the express business. The service it thus undertakes can be done by private enterprises, and therefore should not be attempted by government. It is true that the English Post Office goes much farther in this direction than ours, but this is one of the gross inconsistencies of the British system, which opens the door for all kinds of socialistic and semi-socialistic experiments.

The Michigan Dairyman is the title of a handsome eight-page monthly, in magazine form, which has just been issued from THE TRADESMAN office. It is published in the interest of the dairymen of this and surrounding states, and will doubtless succeed THE TRADESMAN as official organ of the Michigan Dairymen's Association.

A peculiarity of the dairy business is the freedom with which one dairyman discloses all the knowledge he is possessed of for the benefit of his brother operators. In no other industry are to be found men who are so willing that others should profit by the knowledge which has been gained at the expenditure of labor and expense.

Michigan has every reason to be proud of the rapid strides she is taking in the dairy business, and the certainty that she is destined to take front rank among the dairy states of the country.

AMONG THE TRADE.

IN THE CITY.

Jas. Boylan, liquor dealer, will retire from business.

Olney, Shields & Co. have received the greater portion of their stock and will be ready to fill all orders by the latter part of the present week.

M. C. Russell has sold his produce stock and the good will of his commission business to F. W. Gibson & Co., who will consolidate their stock with the new accession and remove to 20 Ottawa street.

Dr. H. M. Read has engaged in the drug business at Woodville, purchasing the stock of the West Michigan Lumber Co., and making considerable additions from the Hazeltine & Perkins Drug Co.

AROUND THE STATE.

Geo. P. Messenger, grocer at Manistee, has assigned.

Andrew DeGroat, general dealer at Vriesland, is selling out.

A. O. Kelley succeeds H. D. Miller in general trade at Fostoria.

Croarkin & Son, of Dexter will engage in general trade at Jackson.

G. C. Rogers succeeds Rogers & Green in general trade at Burton.

Jacob May succeeds to the estate of Moses May, general dealer at Frankfort.

Ronig & McDonald succeed W. H. Ronig in the grocery business at Dundee.

John Plantz succeeds John Plantz & Co. in the dry goods business at Calumet.

Belcher Bros. succeed Chas. R. Huffman in the grocery business at Battle Creek.

Robert J. Hovey succeeds Hovey Bros. in the confectionery business at Charlotte.

Clock & Herriek, general dealers at Fenwick, have dissolved, each continuing.

L. Geisner, clothing merchant at Albion, has been closed under chattel mortgage.

W. A. Wesley, boot and shoe dealer at Ovid, has been closed under chattel mortgage.

Simon Sprietsma succeeds L. Sprietsma & Son in the boot and shoe business at Holland.

Russell & Son succeed Russell & Bartlett in the grocery and fruit business at Battle Creek.

I. F. Hopkins has purchased the Third street drug store of Alexander Eckerman, at Muskegon.

J. S. Caswell, formerly of Bedford, has rented the store at Prichardville, and put in a stock of groceries.

The produce firm of W. M. Toles & Son, of Eaton Rapids, has sold out to Barnes & Osborn, who will continue under the latter firm name.

The First National Bank of Whitehall has attached the stock of general goods of Wm. G. Mason, at Whitehall. The action is the result of a series of litigations and complications.

Receiver Nelson has sold the clothing stock of the insolvent New York Clothing House, at Kalamazoo, to J. C. Lopker, who will consolidate his stock with it. The price paid was \$4,000.

Sturgis Journal: Wm. H. Fox, the well-known dry goods man, has opened a branch store at Burr Oak. J. C. Bracken, for some time past clerk in the store here, will have charge of the Burr Oak branch.

Thad. B. Preston and C. R. Dye have formed a copartnership at Ionia under the firm name of T. B. Preston & Co., succeeding to the business of the late firm of T. H. Preston & Co. The house jobs oil, vinegar, cheese, tobaccos and cigars.

Howard City Record: The grocery and hardware firm of Collins, Robbie & Co. has been dissolved. The hardware stock was disposed of to Denton & Lovely and the groceries will be removed to the store of John C. Collins and the business continued at that place.

Anderson & Co., wholesale dealers in agricultural implements, wagons, etc., with headquarters at Port Huron, and branches throughout Eastern Michigan, have been incorporated. Hiram Anderson and Joseph L. Stephenson, of Port Huron, have become members of the firm.

H. T. Lewis, the Hersey grocer, writes as follows: I saw by last week's paper that the "lawyers and postmaster are wandering up and down the street" which is a mistake, C. M. Beardsley has his office in the Heath block, M. A. Lader is in the Schlegel block and the postmaster is located in H. T. Lewis' store.

The stock of Taleen, Jachim & Co., the insolvent merchants of Ishpeming, has been sold to Alex. Myers and F. Braasted & Co., also dealers in general merchandise at that place, for \$22,500. The book accounts were not disposed of and the assignee, John W. Jachim, thinks that he can realize \$7,000 or \$8,000 from them alone. This will bring the assets up to \$30,000, which is slightly over half of the liabilities. Mr. Taleen endeavored to secure a settlement with Chicago and Milwaukee creditors, but was not successful.

MANUFACTURING MATTERS.

The Ryan Manufacturing Co. started up at Mason last week with a partial force.

D. A. Sperry succeeds Stevens & Sperry in the manufacture of toy wagons at Coldwater.

Molitor & Thoen, shingle manufacturers near Howard City, have dissolved, Simon Thoen succeeding.

Engelmann & Kitzinger, lumber and salt manufacturers at Manistee, have merged their business into a stock company under the corporate name of the Manistee Salt & Lumber Co.

Leach & Forrester, shingle mill operators two and one-half miles southeast of Pierson, will shortly put in a sawmill suitable for cutting pine and hardwood, with a capacity of 20,000 feet per day.

Tiffany Bros., carriage manufacturers of Jonesville, have received and accepted a bonus of \$30,000 from citizens of Newton, Kan., to move their business to that place. One of the parties has already gone there to superintend the erection of the buildings.

STRAY FACTS.

A. W. Rowley succeeds Rowley & DeWaters in the agricultural implement business at Kalamazoo.

The Capital City Wagon Co., at Lansing, has been incorporated under the name of the Capital Wagon Co. The capital stock is \$100,000, \$30,000 of which is paid in.

Miscellaneous Dairy Notes.

The Holly creamery will be ready to commence business March 1.

Editor Potts, of the Saranac Local, is endeavoring to wake up the people of that place to the advantages of a creamery.

The People's Creamery Co., of Romeo, with a capital of \$5,000, has contracted for a plant, with a capacity of 1,500 pounds per day, and will begin business May 1. The directors are S. O. Giddings, S. A. Reade, W. R. Imen, J. N. Pratt, W. H. Tinsman, R. B. Imen, C. M. Tachles and E. S. Snarer.

For some time past, a project has been on foot to build a cheese factory near Vassar to accommodate the large dairying interests of the section. A company has been formed and commenced the erection of a building 30 by 50 feet, to be supplied with all improved appliances. The factory is of 300 cow power. Messrs. Tappan & Shaffer are proprietors.

Purely Personal.

Heman G. Barlow has moved into his new home at 279 Lyon street.

Jas. Hayes, of the planning mill firm of Jas. Hayes & Sons, at Cadillac, is dead.

Will Price and John Shirts have gone to Lincoln, Neb., where they will engage in the wholesale cigar business.

Henry Idema, local manager of Bradstreet's Mercantile Agency, is in New York, interviewing the fountain head.

Thos. S. Wilson succeeds Parker McAuley as shipping clerk for Eaton & Christenson and Geo. Holloway succeeds John Shirts as custodian of the books.

Will Lamoreaux failed to sell enough beans to enable him to buy a ticket to New Orleans on Monday, in consequence of which he was compelled to defer starting another week. The delay will enable him to take in the Mardi Gras.

THE COMING CONVENTION.

Every Indication of a Large Attendance—The Programme.

Every day serves to add to the probability of a large and successful gathering of dairymen at the second annual convention of the Michigan Dairymen's Association, to be held at Kalamazoo next Tuesday, Wednesday and Thursday. The people of Kalamazoo have perfected arrangements for giving the delegates a cordial reception and the members of the Association will retaliate by giving the Kalamazoo people a genuine treat in the way of papers, addresses and discussions of interest to all connected with dairying in any of its numerous branches.

The following programme has been arranged as well as it is possible to present one a week in advance of the meeting. Other features will be added as the Secretary is notified of the same:

TUESDAY AFTERNOON, FEBRUARY 16.
The convention will be called to order at 2:30 p. m., when the following order of exercises will be held:

Address of Welcome—Col. Delos Phillips, Kalamazoo.

Response—G. B. Horton, Fruitridge.

Annual Address of the President—Milan Wiggins, Bloomington.

Appointment of Committees.

EVENING.

Musie.

Paper—"Practical Cheese Making"—W. H. Howe, Flint.

Reading of Correspondence.

Address—"The Holstein-Friesian Cow"—Martin L. Sweet, Grand Rapids.

Musie.

WEDNESDAY MORNING, FEBRUARY 17.

Paper—"The Jersey Cow"—D. T. Dell, Vicksburg.

Paper—"Winter Dairying"—L. F. Cox, Kalamazoo.

Paper—"Farm Creameries"—S. J. Wilson, Flint.

AFTERNOON.

Paper—"My Experience in Dairying"—Warren Haven, Bloomington.

Paper—"Care of Milk"—T. M. Robe, Kalamazoo.

Paper—"Good Milk a Necessity"—Frank E. Pickett, Hilliards.

EVENING.

Musie.

Paper—"Cheese Poisoning"—G. B. Horton, Fruitridge.

Paper—"The Dairy Cow"—Frank Richmond, Saranac.

Paper—"Cheddar Cheese"—W. H. Howe, Flint.

Musie.

THURSDAY MORNING, FEBRUARY 18.

Discussion—"The Best Feed for Cattle."

Paper—"The Best Rennet and Salt"—Jas. Skinner, Davison Station.

Report of Secretary and Treasurer.

AFTERNOON.

Paper—"Book-keeping on the Farm"—Prof. Parsons, Kalamazoo.

Election of Officers.

EVENING.

Musie.

Address—"Tyrotoxican, its Nature, Cause and Prevention"—Prof. Victor C. Vaughan, Ann Arbor.

Musie.

Kalamazoo Telegraph: Considerable interest centers in the coming annual convention of the Michigan Dairymen's Association, and it will be surprising if it is not one of the most interesting meetings ever held in the State. It certainly ought to be. The farmers of Michigan are all more or less interested in the subjects to be discussed.

The work of the dairy and creamery will be considered and explained from every conceivable standpoint by some of the most experienced men in the country, and the farmers and all present will be at liberty to criticize what is said and to ask for any information they want.

This is not a meeting held in the interest of any one but those practically engaged in the business. It is for the purpose of throwing light upon every part of dairy work from the dropping of the calf to the putting of the manufactured butter or cheese on the market.

The handling of cows and their general management, the blood required to secure the best results, winter and summer dairying considered and contrasted, milking, churning, packing, salting, marketing, and very many other matters pertinent to the occasion and to the dairy business will be considered.

There will no lack of speakers nor dearth of information. What we want to see is the farmers there with their wives and their daughters to listen to what is said and absorb it for use throughout the future of their lives.

Kalamazoo Gazette: A meeting of the citizen's committee for the purpose of making the necessary local arrangements for holding the second annual convention of the Michigan State Dairymen's Association was held at the Burdick last evening. All the members of the committee were present with the exception of Messrs. Cobb and Taylor.

Messrs. H. A. Holmes, T. M. Robe and J. R. McCall, were appointed a special committee to secure rooms and fit them up with all necessary conveniences and appliances for holding the convention and for the proper exhibit of dairy implements, machinery and products.

Mayor DeYoe and J. B. Cobb were chosen committee on finance.

Col. Delos Phillips was selected to make the address of welcome in behalf of the citizens of Kalamazoo.

It is estimated from reliable sources that

from four to five hundred delegates will be in attendance at the convention. The day and evening sessions of the convention will be of great general interest to the public as well as to professional dairymen.

All who propose attending the convention should not fail to send to the Secretary for reduced rate certificates before buying their tickets.

VISITING BUYERS.

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

Chas. W. Peters, Bangor.
Nelson Pike, Morley.
Geo. S. Powell, G. S. Powell & Co., Sand Lake.
Leach & Forrester, Pierson.
A. M. Church, Alpine.
Mrs. L. Dane, Cedar Springs.
M. B. Franklin, Fremont.
T. J. Sheridan & Co., Woodville.
C. S. Comstock, Pierson.
Den Hender & Tanis, Vriesland.
D. Gilbert & Co., Moline.
Mrs. D. A. Warren, Evart.
Cole & Chapel, Ada.
Herder & Lahuis, Zeeland.
Geo. Carrington, Carleton Place.
J. Bartz, North Dorr.
Cornell & Griswold, Griswold.
R. G. Smith, Wayland.
M. Lutz, Caledonia.
A. F. Harrison, Sparta.
L. B. Chapel, Ada.
Thos. Cooley, Lisbon.
John W. Verboeks, Grand Haven.
J. C. Benbow, Rockford.
Dr. John Graves, Wayland.
L. Perrigo, Burnip's Corners.
Dr. H. M. Read, Woodville.
Sisson & Lilley Lumber Co., Sisson's Mills.
Neal McMillan, Rockford.
E. Wilson, Hopkins.
E. L. Whitney, Middleville.
N. Beaton of Raub & Beaton, Paris.
Chas. Drury, with Samson & Drury, Cadillac.
J. Bersema, Muskegon.
C. W. Skellinger, Rockford.
A. J. Provin, Cedar Springs.
B. McNeal, Byron Center.
E. A. Hill, Coloma.
Mr. Dystra, Bottjia & Dykstra, Grand Haven.
J. S. Barker, Sand Lake.
N. W. Mills, Oshtemo.
L. A. Carpenter, Baldwin.
D. D. Harris, Shelbyville.
Chas. H. Loomis, Sparta Center.
Geo. P. Stark, Cascade.

FURNITURE BUYERS.

Kelsey & Sampson, Atchison, Kansas.
Dewey & Stone, Omaha, Neb.
Conant Bros., Toledo.
King & Elder, Indianapolis.
Vincent, Barstow & Co., Cleveland.
Dudley & Fowle, Detroit.
James Moriarity, Cleveland.

Furniture Facts.

The furniture manufactory, which has just been secured by Niles, is expected to add 150 population to the place. It will give employment to from 80 to 100 men.

Local furniture manufacturers are somewhat elated over the prospects for a good spring business. Visiting buyers all report light stocks and advices from traveling men in all parts of the country are to the same effect. In view of this condition of the market, buying is free and somewhat spirited and the general feeling is comparatively good.

The Barometer of Business.

The following table shows the gross exchanges and balances of the Grand Rapids Clearing House for the week ending February 6:

	Clearings.	Balances.
February 1.....	\$5,489.78	14,547.48
" 2.....	67,478.00	22,234.37
" 3.....	58,649.56	6,167.08
" 4.....	41,955.00	9,088.29
" 5.....	81,079.95	22,222.98
" 6.....	59,755.41	14,179.69
Total.....	\$394,405.90	\$88,500.86

B. F. Emery, who has upheld the banner of Gray & Khngman, of Chicago, for the past four years, has concluded to sever his connection with that house, much to the latter's regret. This action is rendered necessary by his purchase of his partner's interest in the firm of Cole & Emery, wholesale and retail dealers in oysters, fish and canned goods at 37 Canal street. Mr. Emery has just returned from Chicago, where he purchased a full line of the choicest canned goods to be found in the market, which he will offer to the public in general at par and to the traveling fraternity at 45 and 5 off. Give him a call.

B. LEIDERSDORF & CO.,

MILWAUKEE, WIS.,

MANUFACTURERS OF THE CELEBRATED

Uncle Sam, Rob Roy, Miners and Puddlers, Railroad and Hurrah Smoking; Commander and Hair Lifter Chewing Tobaccos.

Headquarters for above named brands at

John Caulfield, Wholesale Grocer, Grand Rapids, Mich.

JOHN CAULFIELD,
WHOLESALE
GROCER,
Grand Rapids, Mich.

The Gripsack Brigade.

Joe Reed wants to see a snow plow. W. H. Fox, representing Sargent & Co., of New York, was in town Monday.

Jas. McKimlin, with W. F. McLaughlin & Co., of Chicago, put in Sunday at this market.

J. W. Brighton, representing John Plankerton & Co., of Milwaukee, was in town over Sunday.

Parker McAuley succeeds W. J. Price as northern traveling representative for Eaton & Christenson.

E. D. Whitlock is now on the road as traveling salesman for the Belknap Wagon and Sleigh Co.

Joe F. O. Reed has returned from Pittsburgh, where he parted company with Frank E. Leonard, who is now in New York.

Contrary to previous report, Will Edmunds will not leave Putnam & Brooks, having engaged with that house for another year.

Jas. L. Lees, formerly traveling representative for Pratt & Co., of Buffalo, has engaged to travel for the Gunn Hardware Co., taking the Central Michigan trade.

W. F. Blake, representing C. A. Morrill & Co., of Chicago, put in last week among the retail trade of Central Michigan. C. Crawford pleads guilty to steering him around.

Phil. Gaubatz, otherwise known as "Job Lots" and "Cigar Box," is in town for a few days. Phil talks chewing and smoking tobacco for B. Leidersdorf & Co., of Milwaukee.

Members of Post A, Michigan Commercial Travelers' Association, should not forget the annual meeting of the Post, which will be held at THE TRADESMAN office Saturday evening.

Beatty, Fitzsimons & Co., the Detroit wholesale grocers, have discharged their six traveling salesmen without giving them any notice and announce that hereafter they propose selling the trade direct by means of price lists.

W. M. Titus, representing C. E. Jennings & Co., of New York, and the Jennings & Griffin Manufacturing Co., of Yalesville, Conn., in which latter house he is a stockholder, put in Sunday at this market. Mr. Titus sees Grand Rapids four times a year.

O. C. King has engaged to travel for Fox & Bradford, taking for his territory all available trade in Southern Michigan and Northern Indiana. Mr. King is a clever salesman and he will undoubtedly be accorded a hearty reception at the hands of the trade.

The regular annual meeting of Post A, Michigan Commercial Travelers' Association, will be held at THE TRADESMAN office Saturday evening. Besides the election of officers for the ensuing year, business of importance will be brought up for discussion and action.

If Steve Sears has a failing, it is a fondness for pie—a fondness which knows no bounds and is like woman's "hunger of the soul," forever unsatisfied. The chronic jokers up around Woodville, however, assert that Steve is not particularly fond of the variety of pie made at that place; particularly when a rather unusual quantity of cotton batting is used in its construction. Neither is he partial to bean pie, nor potato pie, nor slippery elm bark pie.

Good Words Unsolicited.

Harter & Co., grocers, Ionia: "Your paper is a good one."

C. C. Linsley, druggist, Burnip's Corners: "Like the paper."

O. H. Young & Co., druggists, Constantine: "It is a fine paper."

John G. Owen, lumber, East Saginaw: "I am pleased with the paper as a trade journal."

J. B. Perham, general dealer, Spring Lake: "THE TRADESMAN is the most valuable business paper that I know of."

H. T. Lewis, grocer, Hersey: "It is the best paper in Michigan for a

Drugs & Medicines

STATE BOARD OF PHARMACY.

One Year—Geo. M. McDonald, Kalamazoo.
Two Years—F. H. J. VanEmster, Bay City.
Three Years—Jacob J. Jenson, Muskegon.
Four Years—James Vernor, Detroit.
Five Years—Ottmar Eberbach, Ann Arbor.
President—Ottmar Eberbach.
Secretary—Jacob Jenson.
Treasurer—James Vernor.
Next place of meeting—At Grand Rapids, March 2, 1886.

Michigan State Pharmaceutical Association.

OFFICERS.
President—H. J. Brown, Ann Arbor.
First Vice-President—Frank J. Wurzburg, Grand Rapids.
Second Vice-President—A. B. Stevens, Detroit.
Third Vice-President—Frank Inglis, Detroit.
Secretary—S. J. Parkell, Owosso.
Treasurer—Wm. Dupont, Detroit.
Executive Committee—Jacob Jenson, Geo. Gundrum, Frank Wells, F. W. R. Perry and John E. Peck.
Local Secretary—Will L. White, Grand Rapids.
Next place of meeting—At Grand Rapids, Tuesday, October 12, 1886.

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—President, Vice-President and Secretary.
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.
Committee on Pharmacy—M. B. Kimm, H. E. Locher and Wm. E. White.
Committee on Trade Matters—John E. Peck, H. B. Fairchild and Wm. H. Van Leeuwen.
Committee on Legislation—Jas. D. Lacey, Isaac Watts and A. C. Bauer.
Regular Meetings—First Thursday evening in each month.
Annual Meetings—First Thursday evening in November.
Next Meeting—Thursday evening, March 4, at "The Tradesman" office.

Detroit Pharmaceutical Society.

Organized October, 1883.

OFFICERS.

President—Wm. Dupont.
First Vice-President—Frank Inglis.
Second Vice-President—J. W. Caldwell.
Secretary and Treasurer—F. W. R. Perry.
Assistant Secretary and Treasurer—A. B. Saltzer.
Annual Meeting—First Wednesday in June.
Regular Meetings—First Wednesday in each month.

Jackson County Pharmaceutical Association.

OFFICERS.

President—R. F. Latimer.
Vice-President—A. D. Colwell.
Secretary—F. A. King.
Treasurer—Chas. E. Humphrey.
Board of Censors—Z. W. Waldron, C. E. Foot and C. H. Haskin.
Annual Meeting—First Thursday in November.
Regular Meetings—First Thursday of each month.

Saginaw County Pharmaceutical Society.

TEMPORARY OFFICERS.

Chairman—Henry Melchers.
Secretary—D. E. Prall.

Muskegon Drug Clerks' Association.

OFFICERS.

President—I. F. Hopkins.
Vice-President—John Meyers.
Secretary and Treasurer—O. A. Lloyd.
Regular Meetings—Second and fourth Friday of each month.
Next Meeting—Friday evening, Feb. 12.

FORMULAS.

Of Remedies and Preparations Handled by Druggists.

TRIX.

Powd. ext. licorice..... 3 ounces
Oil of cloves..... 30 drops
Cinnamon..... 15 drops

Mix with water to form a mass; roll thin, and cut in small pieces to dry.

BROWN'S BRONCHIAL TROCHES.

Powd. ext. licorice..... 16 ozs.
" sugar..... 24
" cubeb..... 4
" gum arabic..... 4
Ext. codium..... 1 oz.

Use sufficient water and make troches of proper size.

CROUP SYRUP.

Decoct. senega..... 4 fl. ozs.
Syrup ipecac..... 4
" scilla..... 4
Tartar emetic..... 1 grain.

Make mixture. Dose one teaspoonful.

PERRY DAVIS' PAIN KILLER.

Take 20 pounds powdered guaiac, 2 pounds camphor, 6 pounds powdered Cayenne pepper, 1 pound caustic liquor of ammonia, one-half pound powdered opium. Digest in 32 gallons alcohol for two weeks and filter.

IMITATION BAY RUM.

Proof spirit, deod..... 1 gal.
Finest bay oil..... 2
Rum ether..... 1
Crushed cardamom..... 1
Acetic ether..... 1
Oil Pimento..... 1

Stand in a warm place two weeks, stir in ½ ounce magnesia, and filter.

GROVE'S CHLORODYNE.

Chloroform..... 4 drachms.
Ether..... 1
Oil peppermint..... 2 drops.
Resin Indian hemp..... 6 grains.
Capsicum..... 2

Macerate two or three days, and filter. Then dissolve 16 grains muriate of morphia in 1 ounce syrup, and ½ drachm each of hydrochloric acid and water on water bath, cool, add 96 drops hydrocyanic acid (Scheel's) and mix the solutions.

QUININE HAIR TONIC.

Glycerine..... 4 ounces.
Alcohol..... 3
Water..... 10
Tincture of cantharides..... 2 drachms.
Sulphate of quinine..... 25 grains.
Oil of roses..... 2 drops.
Neroli..... 5
Tincture of cubeb..... sufficient.
Sulphuric acid sufficient to dissolve the quinine.

EXTRACT OF LILAC.

Extract of tuberoses..... 1 pint.
" cassia..... 1
" orange flower..... 1
Tincture of orris..... 1
" civet..... 1
Rose water, triple..... 1

ELIXIR CASCARA SAGRADA.

Fl. ex. cascarilla..... 1 j.
" glycyrrhiza..... 1 j.
Fine cardamom comp..... 1 j.
Syr. tolu..... 1 j.
Tinct. vanilla..... 1 j.
Acid citric..... 1 j.
Bicarb. potass..... 1 j.
Elix. aurant (U. S. P.)..... 0 j.

Mix both fluid extracts with tincture, card. co. and syr. tolu, dissolve citric acid, and neutralize with bicarb. potass; add tr. van.

ilice and enough elixir aurant to make the whole measure one pint.

FLORIDA WATER.

Oil of lavender..... 4 fl. oz.
" bergamot..... 4 fl. ozs.
" neroli..... 4 fl. ozs.
" orange..... 4 fl. ozs.
" clove..... 1 fl. oz.
Pure musk..... 2 grains.
Cologne spirit..... 1 gallon.

Tincture of tonka, sufficient to color.
Macerate 15 days and filter through paper.

QUILLAYA TOOTH WASH.

Star anise..... 1 ounce.
Quillaya bark..... 3 ounces.
Cloves..... 2 drachms.
Cinnamon..... 2 drachms.
Oil of peppermint..... 12 minims.
Cubeb..... 1 drachm.
Diluted alcohol..... 28 ounces.

Exhaust the drugs, coarsely powdered, by maceration or displacement; add the essential oil and filter. The preparation gives a foam like sododont.

Pure Sugar for Pharmacists.

From the Druggists' Circular.

A correspondent states that he has long endeavored to obtain a sugar free from ultramarine, but with no success. As a last resort he wrote to a firm of sugar refiners, and sends us their reply. We take pleasure in quoting the following extracts: "We only use ultramarine in small quantities because compelled to do so by the excessive use of it by refiners elsewhere. We shall act upon your suggestion and consider the advisability of making a 'Druggists' Extra Quality Patent Double Dried Granulated,' absolutely pure, free from ultramarine. While ultramarine is not in any way deleterious, we agree with you that sugar entirely free from it would, no doubt, be popular with manufacturing druggists."

If the druggists really desire a sugar of this character, it would seem that there would be no difficulty in obtaining it. Wherever there may be a demand, the supply naturally follows.

"Too Green to Burn."

From the Chicago News.

A number of traveling men were sitting about the Palmer house rotunda the other night swapping chestnuts when a local light presented the following: A Chicago drummer sold his last bill of goods, died and went to the infernal regions. There he was shown about the place by Lucifer himself. He was shown the pits of molten lead for New York drummers, and the sulphur caves designed for the torture of Minneapolis drummers, and the lakes of fire awaiting his own clan. Then he was taken to a room of great heat, where a number of drummers were suspended by the neck.

"This," said Lucifer, "is the drying room."

"The drying room?" asked the drummer.

"Yes," responded the other, "these are St. Louis drummers. They are too green to burn at first, so we hang them up to dry."

Introducing Foreign Medicinal Plants.

Dr. Isaac Watts has received a letter from J. W. Colcord, Secretary of the National Retail Druggists' Association, asking him to be up before the Grand Rapids Pharmaceutical Society the subject of a \$25,000 government appropriation for the purpose of introducing and cultivating foreign medicinal plants within our borders, as recommended by the American Pharmaceutical Association. The project has the approval of the Commissioner of Agriculture, who recommended the measure in his report to Congress, in December, and has since advised the House Committee on Agriculture to report favorable on the bill. Druggists who are disposed to look upon the measure with favor would do well to secure the co-operation of their representatives in Congress.

Computation of Interest.

To find the interest on any sum, multiply the principal by the number of days, and proceed as follows:

For four per cent., divide by 90;
" six " " " 60;
" eight " " " 45;
" nine " " " 40;
" ten " " " 36.

If the principal is expressed in dollars and cents, point off four figures, and the result will be the interest in dollars and cents.

The Drug Market.

Business and collections are good, both averaging over 25 per cent. better than for the corresponding period a year ago. Oil of lemon and peppermint have sustained a sharp advance and still high prices are looked for. Quinine and opium are dull and featureless. Other articles in the drug line are without change.

Anxious to Hear it All.

From the New York Times.

"What's goin' on to-night?" asked a countryman at the box office.

"Pantomime," replied the ticket seller.

"All right. Give me a seat as near the stage as you kin, as I'm a little deaf."

The Chicago drug house that sued Farand, Williams & Co. for payment of certain patent medicines and was defeated has applied for a new trial on the ground that the court erred in allowing Alanson Shely to appear as attorney in the case, as he was not an attorney at law and was a member of the jury commission.

One of the English railroad companies has supplied all its employees with red neck handkerchiefs, the wearing of which is compulsory. The object is the providing of red flags, which can be employed in the event of any sudden accident or the derangement of the regular signals.

Glass and paper have a great future. Tanning forks and grindstones, rails and sleepers, are now made from the former; houses, furniture and clothing, car wheels and boats, are among the applications of the latter.

An Item for Poplar Shippers.

From the Ohio Lumber Journal.

There seems to be an important point upon which shippers of poplar to the Eastern markets are woefully ignorant, which if corrected would save a great many of the misunderstandings which are constantly occurring.

It is the common rule of inspection in all Eastern markets to grade poplar that is sapstained as culls. The natural query is, what causes poplar to stain? This inquiry can be partially answered by citing a transaction that has recently occurred. In October a mill man in Kentucky saved a certain quantity of poplar of various thicknesses. Early in December he decided to send a few carloads of boards to an Eastern market to be sold by a commission dealer. The lumber was carefully graded at the mill as firsts and seconds, and the seller was duly informed of the character of the stock. On its arrival in the East, three weeks later, it was found to inspect nearly one-half culls, and the cause was principally stained sap.

When the lumber was loaded it was but partially dry, and as long as it remained on sticks and nature was accomplishing its work of drying, the sap retained its original color, but when packed solid in a close car for three weeks, during which time it was transported from a high and mountainous country to the seaboard and at its destination was subjected to the damp, muggy, salt atmosphere of the coast, the entire character of the lumber was changed, and its value most seriously depreciated. The mill man, who was confident that the lumber when loaded was bright and clear, could not understand the real cause of the change in quality, and consequently ascribed it to the thieving propensities of an Eastern inspector.

The sap in poplar stains easily, and it is decidedly risky business to ship such lumber to the seacoast unless it is thoroughly dry.

A doctor opened a drug store, but for a long time had no customers; at last one customer came. When supplying his wants, the vendor observed that the drug was full of weevils. "What is this?" said the buyer.

"Kiang tsan" (medicinal larvae), replied the doctor. "But," said the man, "Kiang tsan are always dead." "Yes," said the doctor, "but you see they could not remain dead after eating my medicine."

A Montreal man lately sued a druggist for damages from having been deprived of work for several weeks in consequence of taking a poison sold him by mistake. The error was caused by the wholesaler, who had labelled the package wrongly before selling it to the druggist. The Court held, however, that the druggist should have verified the contents of the package, and gave judgment for \$200 and cost.

Order a sample package of Bethesda Mineral Spring Water from Hazeltine, Perkins & Co. See quotations in another column.

Some one has estimated the death rate from chloroform at one in 1,600.

RETAIL DRUGGISTS

OF THE UNITED STATES.

GENTLEMEN—The constant call for a good and low-priced COUGH and CROUP remedy has induced us to introduce our Lung Balsam in three-size bottles: Price, 25 Cents, 50 Cents and \$1 per bottle. The 25-cent bottles are put up for the accommodation of all who desire simply a COUGH or CROUP remedy. Those desiring a remedy for Consumption or any Lung Disease should secure the large \$1 bottle.

May we ask you who are not familiar with the merits of Allen's Lung Balsam to order from your wholesale druggist a sample lot of any of the sizes, and you will find it to give satisfaction, and that those once using it will call for it again.

It is for sale by all wholesale druggists at popular prices: \$1.75 per dozen, small size; \$3.50 per dozen, medium size; and \$7 per dozen, large size.

We hope you will consider your stock incomplete without ALLEN'S LUNG BAL-SAM on your shelves.

J. N. HARRIS & CO., Ltd., Props., CINCINNATI, OHIO.

TRADE SUPPLIED BY

Hazeltine & Perkins Drug Co.

MICHIGAN DRUG EXCHANGE,

Mills & Goodman, Props.

GRAND RAPIDS, MICH.

FINE STOCK of about \$5,000 in south eastern part of the State. Must be sold by March 1. Will exchange for farm lands near some growing lake town or will sell at great discount for cash.

WANTED—Small stock of \$1,000 to \$2,000, near to or in Grand Rapids.

SMALL stock in growing town on D. G. H. & M. R. R. cheap for cash only. Doing good business.

GOOD LOCATION on Grand Trunk R. R. Stock of about \$1,500 can be bought at liberal discount for cash.

STOCK of about \$4,000 in northern town on G. R. & I. R. R., doing a large business can be bought on easy terms.

NICE choice stock of about \$1,600 T. A. A. & N. M. R. R. must be sold at once on easy terms.

GOOD location on the Lake Shore in lumbering town. Stock about \$1,500.

BARGAIN—Fine drugstore in north-western Michigan, on railroad, in growing town. Building for sale or rent on easy terms. Fine chance for physician. Stock about \$2,000; buildings, \$3,000. Part on time.

PRINCIPAL drug store in western Michigan on Lake Shore R. R. Stock about \$3,000, \$1,000 cash, balance on easy time if secured. Good paying store. Good reason for selling.

FINE STOCK in western Michigan on C. & W. M. Railway. Stock worth about \$1,500. Good location.

WE HAVE several competent registered pharmacists on our list and can supply druggists requiring assistants with well recommended assistants on very short notice.

ANNOUNCEMENT.

Grand Rapids, Mich., Jan. 28, 1886.

We beg leave to announce

that the business heretofore

conducted by Hazeltine, Per-

kins & Co. has been transfer-

red to the

HAZELTINE & PERKINS

DRUG COMPANY.

a duly incorporated Company

under the laws of this State.

All indebtedness of Hazel-

tine, Perkins & Co. is assum-

ed and will be paid by the

Hazeltine & Perkins Drug

Co.; and all debts due Hazel-

tine, Perkins & Co. must be

paid to the Hazeltine & Per-

kins Drug Co.

All members of the old firm

are members of the new com-

pany, and the management

will remain unchanged.

With increased capital and

improved facilities we confi-

dently hope for a continuance

of past friendly relations.

Very Truly Yours,

HAZELTINE & PERKINS

DRUG COMPANY.

WHOLESALE PRICE CURRENT.

Advanced—Oil lemon; oil bergamot; oil peppermint.

Declined—Carbonate ammonia; balsam tolu; cubeb; oil cassia; oil cubeb; oil opium.

ACIDS.

Acetic, No. 8..... 9 @ 10
Acetic, C. P. (32 gal. 1000)..... 30 @ 35
Carbolic..... 34 @ 36
Citric..... 65 @ 70
Muratic, deg..... 3 @ 5
Nitric 36 deg..... 11 @ 12
Oxalic..... 10 @ 12
Sulphuric 66 deg..... 3 @ 4
Tartaric powdered..... 32 @ 35
Benzoic, English..... 12 @ 15
Benzoic, German..... 12 @ 15
Tannic..... 12 @ 15

AMMONIA.

Carbonate..... 14 @ 16
Muriate (Powd. 220)..... 14
Aqua 16 deg or 32..... 3 @ 5
Aqua 18 deg or 44..... 4 @ 6

BALSAMS.

Copaiba..... 40 @ 45
Fir..... 40
Peru..... 175
Tolu..... 45

BARKS.

Cassia, in mats (Powd 200)..... 11
Cinchona, yellow (22 1/2 lb boxes)..... 13
Elm, select..... 13
Elm, ground, pure..... 15
Elm, powdered, pure..... 10
Sassafras, of root..... 12
Wild Cherry, select..... 20
Bayberry powdered..... 18
Hemlock powdered..... 18
Wahoo..... 12
Soap ground..... 12

BERRIES.

Cubeb prime (Powd 500)..... 6 @ 90
Juniper..... 5 @ 7
Prickly Ash..... 50 @ 60

EXTRACTS.

Licorice (10 and 25 lb boxes, 250)..... 27
Licorice, powdered, pure..... 37 1/2
Logwood, bulk (12 and 25 lb boxes)..... 12
Logwood, 18 (25 lb boxes)..... 13
Logwood, 1/4 lb..... 15
Logwood, 1/8 lb..... 14
Fluid Extracts—25 per cent. off list.

FLOWERS.

Arnica..... 12 @ 15
Chamomile, Roman..... 25
Chamomile, German..... 25

GUMS.

Aloe, Barbadoes..... 60 @ 75
Aloe, Cape (Powd 200)..... 150
Aloe, Socotrine (Powd 600)..... 250 @ 30
Ammoniac..... 90
Arabic, powdered select..... 80
Arabic, 1st picked..... 80
Arabic, 3d picked..... 75
Arabic, sifted sorts..... 55
Assafoetida, prime (Powd 350)..... 55 @ 60
Benzoin..... 25 @ 27
Camphor..... 13
Catechu, 18 (1/4 lb, 1/8 lb)..... 35 @ 40
Euphorbium powdered..... 80 @ 90
Galbanum strained..... 35
Gamboge..... 35
Guaiac, prime (Powd 450)..... 30
Kino (Powdered, 300)..... 125
Mastic..... 3 @ 40
Myrrh, Turkish (Powd 450)..... 3 @ 40
Opium, pure (Powd 500)..... 30
Shellac, English..... 25
Shellac, native..... 30
Shellac bleached..... 30 @ 100
Tragacanth..... 30 @ 100

HERBS—IN OUNCE PACKAGES.

Horhound..... 25
Lobelia..... 25
Peppermint..... 25
Rue..... 25
Sage..... 25
Sweet Majoram..... 25
Tanzy..... 25
Thyme..... 25
Wormwood..... 25

IRON.

Citrate and Quinine..... 400
Sulphate, pure crystal..... 20
Citrate..... 7
Phosphate..... 65

LEAVES.

Buchu, short (Powd 250)..... 13 @ 14
Sage, Italian, bulk (1/4 & 1/8 lb)..... 18 @ 20
Senna, Alex, natural..... 30
Senna, Alex, sifted and garbled..... 22
Senna, powdered..... 22
Senna tincture..... 10
Uva Ursi..... 10
Belleadonna..... 35
Foxglove..... 35
Catapaw..... 15
Hensbane..... 25
Rose, red..... 25

LIQUORS.

W. D. & Co.'s Sour Mash Whisky..... 200 @ 250
Druggists' Favorite Rye..... 175 @ 200
Whisky, other brands..... 10 @ 150
Gin, Old Tom..... 10 @ 150
Gin, Holland..... 10 @ 150
Brandy..... 10 @ 150
Catawba..... 10 @ 150
Port Wines..... 10 @ 150

MAGNESIA.

Carbonate, Patterson's, 2 oz..... 22
Quinine, Jennings's, 2 oz..... 37
Citrate, H. P. & Co.'s solution..... 225
Calcined..... 65

OILS.

Almond, sweet..... 45 @ 50
Amber, rectified..... 45
Anise..... 200
Bay oil..... 50
Bergamot..... 175 @ 19
Castor..... 200
Croton..... 75
Cajuput..... 75
Cassia..... 75
Cedar, commercial (Pure 100)..... 125
Citronella..... 75
Cloves..... 125
Cod Liver, N. F..... 120
Cod Liver, H. P. & Co.'s 18..... 150
Cubeb, P. & W..... 850
Erigeron..... 160
Fireweed..... 200
Geranium..... 75
Hemlock, commercial (Pure 750)..... 75
Juniper wood..... 200
Juniper berries..... 200
Lavender flowers, French..... 100
Lavender garden..... 90
Lavender spike do..... 100
Lemon, new crop..... 190
Lemon, Sanderson's..... 225
Lemonrass..... 80
Olive, Malaga..... 200
Olive, "Sublime Italian"..... 275
Origanum, red flowers, French..... 125
Origanum, No. 1..... 130
Pennyroyal..... 450
Peppermint, white..... 450
Rose oil..... 80
Sassafras..... 275
Salad, 1/2 gal..... 100
Savin..... 100
Sandal wood, German..... 400
Sandal wood, W. I. do..... 700
Sassafras..... 55
Spearment..... 60 @ 90
Tansy..... 40 @ 25
Turpentine..... 10 @ 12
Wintergreen..... 350
Wormwood, No. 1 (Pure 1400)..... 200
Wormseed..... 200

POTASSIUM.

Bicarbonate..... 12 @ 14
Bromide, crystal (Powd 250)..... 40 @ 43
Chlorate, crystal (Powd 250)..... 300
Iodide, crystal and gran. bulk..... 300
Prussiate yellow..... 300

ROOTS.

Alkanet..... 20
Al

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

POWER TO SELL FIRM PROPERTY.

According to the decision of the Supreme Court of Iowa in the case of Hunter vs. Wayneck, one partner has no power to sell the whole firm property without consultation with or consent of his absent copartner where the latter can be easily communicated with by mail or telegraph.

PROPER BAGGAGE—TOOLS OF WORKMAN.

A reasonable quantity of his tools is proper baggage for a mechanic working as a watchmaker and jeweler, according to the decision of the Supreme Court of Kansas in the case of the Kansas City, Fort Scott & Gulf Railroad Company vs. Morrison. What a reasonable quantity is, the court held, is a question for the jury.

BAGGAGE—REASONABLE REGULATION.

In the case of the Texas-Mexican Railway Company vs. Wills, the Texas Court of Appeals held that a regulation by a railway company that a passenger should surrender at the point of destination the coupon ticket or check for any excess of baggage before he could demand the delivery of his baggage was reasonable, and was not a limitation of the liabilities of common-carriers within the meaning of the statutes prohibiting such limitation.

RAILROAD FREIGHT RATES—EXCESS.

In a late case where it appeared that a shipper of goods by railroad had for thirteen years paid excessive rates of freight without objection the New York Court of Appeals held (Kilmer vs. New York Central and Hudson River Railway Company) that the shipper could not recover the excess. The court said: "The common law duty [on the part of the railroad companies] does not preclude special contracts between railroad corporations and shippers regulating the freight charges; and where, as in this case, freight has been carried for a long course of years at the schedule price, the shipper making no objection and no inquiry as to the reasonableness of the charge and where it was his interest to object if the charge was unreasonable, he must, we think, be deemed to have assented to the charge as reasonable and to have voluntarily waived any objection thereto. At least the receipt by the company of the freight at the tariff rate under such circumstances has no element of extortion."

CONTRACT—STIPULATION—WARRANTY.

Where one party agreed to put into a building owned by another an elevator "warranted satisfactory in every respect," the Supreme Court of Pennsylvania held that the stipulation meant satisfactory to the purchaser, and that unless it was satisfactory to him he need not accept it. The court said: "The proposition was made to induce him (the purchaser) to purchase a kind of elevator not in general use. The fair inference is that he desired to procure one that would be satisfactory to himself. The manifest import and meaning of the language used is that it should be satisfactory to him. This, then, was the agreement. To him alone was the proposition made. It would not have been any clearer had it read warranted satisfactory to you in every respect. He, therefore, was the person to decide and declare whether it was satisfactory. He did not agree to accept what might be satisfactory to others, but what was satisfactory to himself. This was a fact which the contract gave him the right to decide. He was the person negotiating for its purchase. He was the person to test it and to use it. No other persons could intelligently determine whether in every respect he was satisfied therewith."

He Had Grown.

A father was very much annoyed at the foolish questions of his little son.

"Johnny, you are a great source of annoyance to me."

"What's the matter, pa?"

"You ask so many foolish questions. I wasn't a big donkey when I was of your age."

"No, pa; but you have grown a heap since."

Clerk (to proprietor)—"What is the selling price of that new lot of black silk opened this morning? Mrs. S. wants to know." Proprietor—"Mrs. S. is a nuisance; she always complains about the price of goods and yet never buys. Tell her a dollar and a half a yard. It cost two dollars." Clerk (to Mrs. S.)—"One dollar and a half a yard, madam." Mrs. S. (feeling of the silk)—"It seems high at a dollar and a half. However, you may cut me off twenty-two yards."

Geneva is thinking of getting up an International Exhibition in 1887, one of the chief features of which is to be a complete exhibit of the chemical and pharmaceutical industries. A committee has been appointed consisting mainly of German apothecaries established in Switzerland.

SPRING & COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

DRY GOODS,

CARPETS,

MATTINGS,

OIL CLOTHS

ETC., ETC.

6 and 8 Monroe Street,

Grand Rapids,

Michigan.

F

The Well-Known

J. S. Farren & Co.

OYSTERS

ARE THE BEST IN MARKET.

PUTNAM & BROOKS

WHOLESALE AGENTS.

F

COMING to GRAND RAPIDS

CAR LOADS!

D. W. Archer's Trophy Corn,

D. W. Archer's Morning Glory Corn,

D. W. Archer's Early Golden Drop Corn

EVERY CAN BEARING SIGNATURE OF

The Archer Packing Co.

CHILLICOTHE, ILL.

TRY OUR
PRINCESS BAKING POWDER.

J. H. THOMPSON & CO.

BEE SPICE MILLS,

WHOLESALE GROCERS AND JOBBERS OF

Teas, Coffees & Spices,

MANUFACTURERS OF

The Celebrated Butterfly Baking Powder,

Dealers in Tobaccos, Cigars, Etc.,

59 JEFFERSON AVENUE,

DETROIT, MICH.

TRY OUR
HONEY BEE COFFEE.

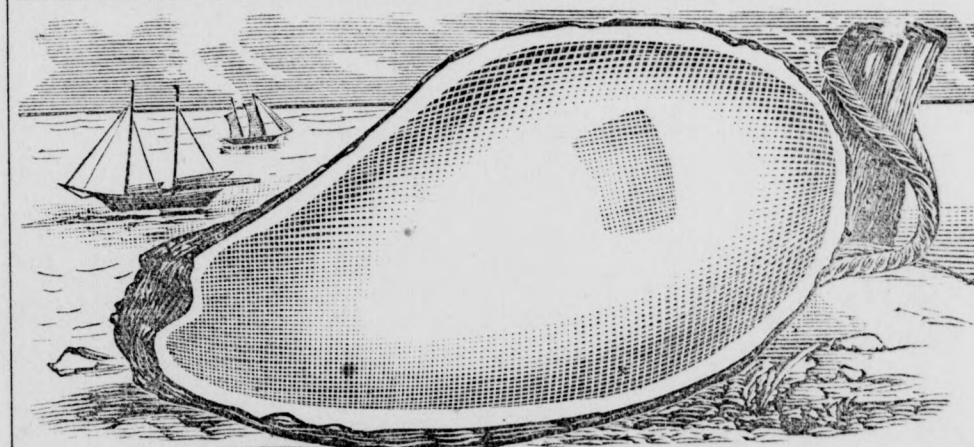
KNIFE TOBACCO.



Tobacco is packed in 30 pound butts, lumps 2x12, Rough and Ready Clubs, 16 oz., full weight. A case of 30 knives packed on the top of each butt. The butt of Tobacco with case of Pocket Knives is branded "Pen Knives," the one with Jacks, "Jack Knife." The consumer gets a 16 oz. Plug of the Finest Tobacco that can be produced by purchasing a GOOD KNIFE at 65 cents, well worth the money.

Big thing for the Consumer, equally so for the Retailer. Send us your order.

W. J. GOULD & CO., Detroit, Mich.



SEE
QUOTATIONS
IN
PRICE-CURRENT.

F. J. DETTENTHALER, Jobber of Oysters.

EVERY DEALER RINDGE, BERTSCH & CO.,

Should write for sample sheets and description of the

Complete Business Register,

An improved CASH AND SALES BOOK, which contains columns with printed headings, arranged to record the results of each day's business, providing also for weekly, monthly and yearly totals. This book will show at all times exactly how the business is running.

Over 35,000 Copies now in Use.

For all particulars, address
H. W. PAMPHILON, Publisher,
30 Bond Street, New York.

MANUFACTURERS AND WHOLESALE DEALERS IN

BOOTS AND SHOES.

AGENTS FOR THE

BOSTON RUBBER SHOE CO.

We have a splendid line of goods for Fall Trade and guarantee our prices on Rubbers. The demand for our own make of Women's, Misses and Childs' shoes is increasing. Send in your orders and they will be promptly attended to.

14 and 16 Pearl Street, Grand Rapids, Mich.

An Enterprising Firm.

The Hazeltine & Perkins Drug Co. can always be relied upon not only to carry in stock the best of drugs, but have secured the agency for Dr. Pete's 35-cent Cough Cure, which they warrant. It will cure all Throat, Lung and Chest diseases, and has the reputation of being the best Cough cure ever discovered for Consumption.

PINCREE & SMITH

Wholesale Manufacturers
Boots, Shoes and Slippers
DETROIT, MICH.

P.S.

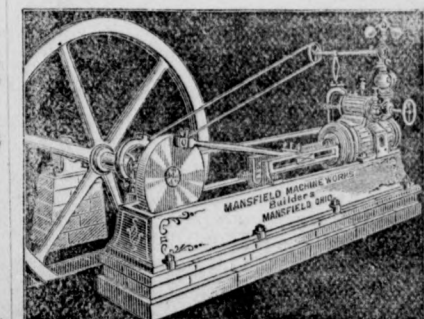
Michigan Agents Woonsocket Rubber Company.

Office and Factory—11, 13, 15 and 17 Woodbridge street West. Dealers cordially invited to call on us when in town.

PORTABLE AND STATIONARY

ENGINES

From 2 to 150 Horse-Power, Boilers, Saw Mills, Grist Mills, Wood Working Machinery, Shafting, Pulleys and Boxes. Contracts made for Complete Outfits.



W. C. Denison,

88, 90 and 92 South Division Street,
GRAND RAPIDS, MICHIGAN.

Michigan Dairymen's Association.
Organized at Grand Rapids, February 23, 1885.
President—Milan Wiggins, Bloomingdale.
Vice-Presidents—W. H. Howe, Capac; F. C. Stone, Saginaw City; A. P. Foltz, Davison Station; F. A. Rockafellow, 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—At Kalamazoo, February 16, 17 and 18.
Membership Fee—\$1 per year.
Official Organ—THE MICHIGAN TRADESMAN.

The Milkmaid.
Across the grass, I see her pass:
She comes with tripping pace—
A maid I know—and March winds blow
Her hair across her face—
With a hey, Dolly! ho, Dolly!
Dolly shall be mine,
Before the spray is white with May,
Or blooms the elegantine.
The March winds blow. I watch her go;
Her eye is brown and clear;
Her cheek is brown, and soft as down,
(To those who see it, near!)—
With a hey, Dolly! ho, Dolly!
Dolly shall be mine,
Before the spray is white with May,
Or blooms the elegantine.

The Romance of a Coal Stove.
From the Detroit Free Press.
One day last fall, after talking until his throat was sore, a Detroit stove dealer succeeded in selling a widow a coal stove, but it was with the proviso that if everything didn't work satisfactorily he was to make it. Two days after delivering the stove he got his first call. A boy entered the store and said:

"Mrs. ——— wants you to come up and fix that stove. The house is full of smoke." A man was sent up, and he found the trouble to be with the chimneys. Only three or four days had passed when the boy came in again and said:

"That stove is puffing and blowing and scaring the widow to death. She wants the same man to come up again."

He was sent, and it was discovered that she didn't know how to arrange the dampers and drafts. Everything seemed to run well for a week, and then the boy walked in to announce:

"She sent me down to have you send that man up again. The house is full of coal gas."

The man went up and applied the remedy, but inside of three days the stove got to puffing; two days after that the fire wouldn't draw; then it drew too much; then gas escaped again. At length the dealer went to the house and said:

"Madam, you gave me \$30 for the stove; how much will you take for it?"

"I wouldn't sell it."

"But I can't be sending my man up here every two or three days all winter."

"You won't have to. I have concluded to marry him in order to have some one here in case of accident."

And three days ago they were quietly and happily married.

Vegetable Substitutes for Rennet.

A paragraph is going the rounds of the press to the effect that "the use of rennet is doomed." The impending crisis is "all along of" a plant called *Withania coagulans*, from Northern India, the seeds of which contain a substance similar to the pepsin of the calves' stomach. We are further assured that extensive experiments are now being made with the plant in England. It is no new thing to find vegetable juices which will act upon milk almost exactly as rennet acts. For centuries the inhabitants of Lapland have made a kind of cheese from the milk of their reindeers by using the leaves of Butterwort (*Pinguicula vulgaris*) in the same manner as rennet is used in less hyperborean regions. The Sundews and several other plants secrete a juice having similar properties. It is scarcely probable, however, that any vegetable substance will be found to possess practical value as a substitute for calves' rennet in cheese making.

Human Nature.

"Didn't you sell any peanuts?" inquired the experienced train boy of the new recruit.

"No," was the reply.

"Go through the car an' give each passenger a peanut."

The new recruit did so.

"Now, try 'em agin," said the train boy of experience.

Presently the new recruit came after more peanuts.

"You want to keep your eyes open in this business, young feller," admonished the expert, refilling the basket. "Anybody'll eat a peanut what don't cost him nothin', an' when he once gets the flavor he's gone. You've got to study human nature."

Winter dairying is more convenient than summer dairying for several reasons. The cows are at rest during the cold weather, and all the annoyances from flies and heat are evaded. The farm work is not so irksome as if milking and churning had to be done. The care of the milk is less costly, because it is cheaper to keep a dairy warm in the winter than to cool one by the use of ice in the summer; there is also less trouble with the milk and butter in various ways. The butter brings a better price and keeps better in the winter than in the summer. Lastly, it costs no more to feed in the winter than in the summer, and the cows are more easily kept comfortable.

Objection is made to brewers' grains by some dairymen, because the food operates on cows very much as beer does on human beings—stimulating them to an unnatural activity for a time, but at the expense of permanently weakening the animal.

F. J. LAMB & CO.,
WHOLESALE DEALERS IN
Fruits, Vegetables,
Butter, Eggs, Cheese, Etc.
8 and 10 Ionia St., Grand Rapids, Mich.
SPECIAL ATTENTION GIVEN TO FILLING ORDERS.

AMOS S. MUSSELMAN & CO.
Successors to Fox, Musselman & Loveridge,
Wholesale Grocers.
AGENTS FOR
Knight of Labor Plug.
The best and most attractive goods on the market.
SEND FOR SAMPLE BUTT. SEE QUOTATIONS IN PRICE-LIST.

FULLER & STOWE COMPANY,
Designers
Engravers and Printers
Engravings and Electrotypes of Buildings, Machinery, Patented Articles, Portraits, Autographs, Etc., on Short Notice.
Cards, Letter, Note and Bill Heads and other Office Stationery a Leading Feature.
Address as above
49 Lyon Street, Up-Stairs, Grand Rapids, Mich.

JENNINGS'
Flavoring Extracts!
MANUFACTURED BY
JENNINGS & SMITH,
Props. Arctic Manufacturing Co.,
GRAND RAPIDS, MICH.

WALL PAPER & WINDOW SHADES
At Manufacturers' Prices.
SAMPLES TO THE TRADE ONLY.
HOUSE & STORE SHADES MADE TO ORDER
68 MONROE STREET, GRAND RAPIDS.
Nelson Bros. & Co.
CLARK,
JEWELL
& CO.,
GRAND RAPIDS, MICH.
SOLE AGENTS FOR

ELASTIC STARCH!
It requires no cooking. Makes collars and cuffs stiff and nice as when new. One pound of this starch will go as far as a pound and a half of any other starch in the market, and all we ask is an order for a trial box of

Elastic Starch.
We have in stock a fine line of Foreign and Domestic Dried Fruits, Raisins, Prunes, Currants, Peaches, Apples, Plums, Cherries, Apricots, Figs, Dates, Etc. We are sole agents for "COMMON SENSE" Cigar, the best five cent cigar in Michigan, I. M. C., the best ten cent cigar in Michigan.
CLARK, JEWELL & CO.

THE LEADING BRANDS OF
TOBACCO
Offered in this Market are as follows:
PLUC TOBACCO.
RED FOX - - - - - .48
BIG DRIVE - - - - - .50
PATROL - - - - - .46
JACK RABBIT - - - - - .38
SILVER COIN - - - - - .46
PANIC - - - - - .46
BLACK PRINCE, DARK - - - - - .35
BIG STUMP - - - - - .38
APPLE JACK - - - - - .46
2c less in orders for 100 pounds of any one brand.

FINE CUT.
THE MEIGS FINE CUT, DARK, Plug flavor .64
STUNNER, DARK - - - - - .38
RED BIRD, BRIGHT - - - - - .50
OPERA QUEEN, BRIGHT - - - - - .40
FRUIT - - - - - .32
O SO SWEET - - - - - .30
2c less in 6 pail lots.

SMOKING.
ARTHUR'S CHOICE, LONG CUT, BRIGHT .22
RED FOX, LONG CUT, FOIL - - - - - .26
GIPSEY QUEEN, GRANULATED - - - - - .26
OLD COMFORT, IN CLOTH - - - - - .27
SEAL OF GRAND RAPIDS, IN CLOTH .24
DIME SMOKER, IN CLOTH - - - - - .24
2c less in 100 pound lots.

These brands are sold only by
Arthur Meigs & Co.
Wholesale Grocers,
Who warrant the same to be unequalled. We guarantee every pound to be perfect and all right in every particular. We cordially invite you, when in the city, to visit our place of business, 77, 79 and 81 South Division Street. It may save you money.

PUTNAM & BROOKS
Wholesale Manufacturers of
PURE CANDY!
ORANGES, LEMONS,
BANANAS, FIGS, DATES,
Nuts, Etc.

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.

WM. SEARS & CO.
Cracker Manufacturers,
Agents for
AMBOY CHEESE.
37, 39 & 41 Kent Street, Grand Rapids, Michigan.

New Sugar Process.
The *Journal des Fabricant de Sucre*, gives an interesting account of a new process for filtering beet sugar through sand instead of animal charcoal. By the new system considerable expense is saved, and a brilliant yellow sugar superior to Demarara crystals is produced. It is impossible to make white sugar by this process only, and if charcoal is done without, carbonatation—that is, the separation of carbonic acid from carbonate of lime, and the use both of the lime and the resultant gas in the saccharine liquid—is substituted for it.

GRANELLO,
MERCHANT
TAILOR,
LEDYARD BLOCK,
107 Ottawa St.
Suits for Manufacturers,
Suits for Jobbers,
Suits for Retailers,
Suits for Traveling Men,
Suits for Clerks,
AND
Overcoats for Everybody.

FOREIGN AND DOMESTIC WOOL-
ENS AND WORSTEDS, THE BEST
MANUFACTURED. FINE AND SER-
VICEABLE TRIMMINGS.
SUPERIOR WORK AND THE PROP-
ER STYLE FOR THE WEAKER.
ALL AT PRICES THAT WILL IN-
DUCE YOU TO LEAVE YOUR ORDER.

TIME TABLES.
Lake Shore & Michigan Southern.
(KALAMAZOO DIVISION.)
Express..... Arrive. Leave.
Mail..... 7:15 a.m. 4:30 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 7:30 a.m. connects at White Pigeon with 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.

Chicago & West Michigan.
Leaves. Arrives.
*Mail..... 9:30 a.m. 4:30 p.m.
*Day Express..... 12:35 p.m. 9:25 p.m.
*Night Express..... 10:40 p.m. 5:45 a.m.
Muskegon Express..... 4:20 p.m. 11:20 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 1:00 p.m., and through coach on 9:15 a.m. and 10:40 p.m. trains.
NEWAYGO DIVISION.
Express..... Leaves. Arrives.
Express..... 4:20 p.m. 7:30 p.m.
Express..... 8:00 a.m. 10:50 a.m.
All trains arrive and depart from Union De-
pot.
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.

Detroit, Mackinac & Marquette.
Trains connect with G. R. & I. trains for St. Ignace, Marquette and Lake Superior Points, leaving Grand Rapids at 5:00 a.m., arriving at Marquette at 2:45 p.m. and 5:30 p.m. Returning leave Marquette at 7:00 a.m. and 1:40 p.m., arriving at Grand Rapids at 10:30 a.m. Connection made at Marquette with the Marquette, Houghton and Ontonagon Railroad for the Iron, Gold and Silver and Copper Districts.
E. W. ALLEN,
Gen'l Pass. & Tkt. Agt., Marquette, Mich.

Detroit, Grand Haven & Milwaukee.
GOING EAST.
Leaves. Arrives.
*Steamboat Express..... 6:25 a.m.
*Through Mail..... 10:40 a.m. 10:50 a.m.
*Evening Express..... 3:40 p.m. 5:50 p.m.
*Limited Express..... 8:30 p.m. 10:45 p.m.
*Mixed, with coach..... 11:00 a.m.
GOING WEST.
*Morning Express..... 1:05 p.m. 1:10 p.m.
*Through Mail..... 5:00 p.m. 5:10 p.m.
*Steamboat Express..... 10:40 p.m.
*Mixed..... 7:10 a.m.
*Night Express..... 5:10 a.m. 5:55 a.m.
*Daily, Sundays excepted. *Daily.
Passengers taking the 6:25 a.m. Express make close connections at Owosso for Lansing and at Detroit for New York, arriving there at 10:40 a.m. the following morning.
The Night Express has a through Wagner Car and local Sleeping Car Detroit to Grand Rapids.
D. POTTER, City Pass. Agent.
GEO. B. REEVE, Traffic Manager, Chicago.

Grand Rapids & Indiana.
GOING NORTH.
Arrives. Leaves.
Cincinnati & Gd Rapids Ex. 9:20 p.m. 11:30 a.m.
Cincinnati & Mackinac Ex. 9:30 a.m. 11:30 a.m.
Ft. Wayne & Mackinac Ex. 4:10 p.m. 5:05 p.m.
G'd Rapids & Trav. City Ac. 7:00 a.m.
GOING SOUTH.
G. Rapids & Cincinnati Ex. 5:05 p.m. 7:15 a.m.
Mackinac & Cincinnati Ex. 5:30 p.m. 5:30 p.m.
Mackinac & Ft. Wayne Ex. 10:30 a.m. 11:45 a.m.
Cadillac & G'd Rapids Ac. 10:30 p.m.
All trains daily except Sunday.
SLEEPING CAR ARRANGEMENTS.
North—Train leaving at 5:05 o'clock p.m. has Sleeping and Chair Cars for Petoskey and Mackinac. Train leaving at 11:30 a.m. has combined Sleeping and Chair Car for Mackinac City.
South—Train leaving at 5:30 p.m. has Wood-ruff Sleeping Car for Cincinnati.
C. L. LOCKWOOD, Gen'l Pass. Agent.

Michigan Central.
DEPART.
+Detroit Express..... 6:00 a.m.
+Day Express..... 12:45 p.m.
+Atlantic Express..... 10:40 p.m.
+Way Freight..... 6:50 a.m.
ARRIVE.
+Pacific Express..... 6:00 a.m.
+Mail..... 3:30 p.m.
+Grand Rapids Express..... 10:35 p.m.
Way Freight..... 5:15 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 10:35 p.m.
CHAS. H. NORRIS, Gen'l Agent

Groceries.

Grocers' Association of the City of Muskegon.

OFFICERS.

President—H. B. Fargo.
First Vice-President—Wm. B. Keitt.
Second Vice-President—A. Towl.
Recording Secretary—W. P. Peet.
Financial Secretary—John DeHaas.
Board of Directors—O. Lambert, W. I. McKen-
zie, H. B. Smith, Wm. B. Kelly, A. Towl and
E. Johnson.
Finance Committee—Wm. B. Kelly, A. Towl
and E. Johnson.
Committee on Rooms and Library—O. Lam-
bert, H. B. Smith and W. I. McKen-
zie.
Arbitration Committee—B. Borgman, Garrit
Wagner and John DeHaas.
Complaint Committee—Wm. B. Keitt, D. A.
Bookings, J. O. Jeannot, R. S. Miner and
L. Vincent.
Law Committee—H. B. Fargo, Wm. B. Keitt
and A. Towl.
Transportation Committee—Wm. B. Keitt, An-
drew Wiergen and Wm. Peet.
Regular meetings—First and third Wednesday
evenings of each month.
Next meeting—Wednesday evening, Feb. 17.

THE SILVER LINING.

Mr. Bell's Reasons for Thinking Business
Has Touched Bottom.

EAST SAGINAW, Feb. 6, 1886.

Editor Michigan Tradesman:
DEAR SIR—I promised to write you oc-
casional from this part of the State; but
your paper comes so often that, perusing it,
all subjects seem to have been exhausted
and nothing more to write about. You
seem to know more of the doings in the
Saginaw Valley than we residents and if
you want a correspondent from this quarter,
please give him a fair show by leaving him
something to write about.

I will not close without saying something
to give you some idea of what we are doing
over here in this land of sawdust, salt, logs
and red shirts. It is thought the log cutting
will equal or surpass last season's, with
what is claimed to be the fewest logs left
over for several years; yet the other side of
the report says that there will be many mills
without a log to cut next season. Time
alone will tell, which is always the correct-
ing monitor of men's statements, verifying
truths and turning falsehoods to truthfulness.
But the truth is, it is awfully dull on
this side of the State. Some places are
dead, but not buried, there not being enough
life left in the living to enter the dead; but
the dead seem possessed with the faculty of
getting out in the night or in such a way
that, aside from the skeleton there is not
much left for the world to seize upon, so
that most of them go to the happy hunting
ground unencumbered except by mortgages;
but perhaps they will be all beset when we
get there. Yes, business is dull. We are
in the eve of the dull times, which, when
passed, better times will gradually approach,
hardly perceptibly for a time, yet they will
come. They will come when that equilibrium
has been established that must be estab-
lished between money and the products that
money buys—between labor and capital, and
especially so between the day's labor and
the day's living, when the day's labor, cut
and reduced as it is, will buy sustenance
for the support of the laborer and his fam-
ily. Then will we see better times. The
patient will then become convalescent and
begin to improve, discard his physician and
take his health tonic in the way of daily
savings from his labor. I look upon money
as the medium of trade and until the great
triunvirate harmoniously settles the present
disturbance of Labor, Capital and Products
of Living there will be more storms than
under that ancient triumvirate of the
Romans. The sting of the Capital Asp will
pierce the foot of the Labor Hyena and the
pallid ghost of over-valued products—the
issue of combined capital and labor—will
walk the paths of both the capitalist and
peasant.

These times are fast coming—not far dis-
tant. Look at the great decline of all pro-
ducts that enter into the daily use of the
poor and you will see pictured on the hori-
zon a settlement of our troubles. See the
advertisements in all our departments of 1/4
and 1/2 off sales! What does this mean, if
not that merchants, anticipating they can
buy at a reduced price another year, prefer
to exchange their old goods for new at even
prices. Look at the decline of flour. Go in-
to any wholesale house and have them enu-
merate the hundred articles upon which there
has been a 10 or 20 per cent. decline in the
past few months and see if the time is not
coming when the laborer cannot take his
curtailed day's work with the two hours
chopped off, and buy a full day's flour and
meal for his children. See the decline in
rents, whereby the ten days clipped labor
will rent the same house as the 10 days full
labor of two or three years hence. Look in
the shop window and see the dress you
bought for your wife two years ago at \$1
per yard, now marked 50 cents per yard then
ask yourself if this does not mean something.

I have predicted for months that January,
February and March would be the turning
point towards convalescence, and I believe
the prediction true. In three months of
dullness and study, the problem will be
solved through reflection of what is to be
done to be saved.
J. T. BELL.

Lay Aside Your Jealousy.

MONROE, Mich., Feb. 6, 1886.

Editor Michigan Tradesman:
DEAR SIR—Please send me full series of
circulars, blanks and by-laws of the Grand
Rapids Grocers' Association, as I intend to
try and organize here, if possible. There is
lots of jealousy here in the trade. I am
anxious to try something to help me collect
some old matters. I have several customers
who have moved to other towns, owing me
accounts too small to pay to put in my
yard's hands.
Yours truly,
PAUL P. MORGAN.

He Painted It.

From the Plainwell Independent.

During the replevin suit before Justice
Roberts last week, in the Norton & Wolff
case, a well-known Allegan attorney had
Gabriel Wolff in the witness chair, and was
popping questions at him at the rate of 40 a
minute. Mr. Wolff is a man who never
hurries. When asked if he had bought a
house and lot in Otsego, he admitted that he
had. "Well, sir, what did you do with that
property previous to the closing up of your
firm?" interjected the attorney, expecting
some damaging admission from the self-
possessed Hebrew. Gabriel half closed his
eyes, appeared in deep thought for a minute,
and then drawled out in his peculiar Jewish
intonation, "I p-a-i-n-t-e-d-i-t."

Ended at Last.

From the Ovid Union.

The decision of the Supreme Court is
against Charles Root & Co. vs. J. C. Dar-
ragh, assignee for Sowers & White, et al,
reversing the decision of the Circuit Court
with costs. This is a victory for J. C. Dar-
ragh and the bank creditors, against the
unsecured creditors of Potter, Beattie & Co.,
and the people hereabouts will be glad to
learn of its final settlement. Had not the
majority of the Sowers & White creditors
settled for 40 cents on the dollar, they would
possibly under this decision have received
more. A final settlement will now doubt-
less be made with all of the creditors of the
late bank, and the matter disposed of.

The Grocery Market.

Business is rather better than the jobbers
anticipated and collections are better than
could reasonably be expected. Sugars are
a trifle weaker and tomatoes have taken on a
more decided firmness. Other articles in
the grocery line are about steady.

It is reported that Procter & Gamble and
N. K. Fairbanks & Co. will follow Kirk in
the reduction of certain grades of soap.

Candy is steady and fairly active. Or-
anges are steady. Lemons are a shade low-
er. Dates are firm at the advance and high-
er prices are looked for. Nuts are steady.
Peanuts are firm at the advance and will go
higher.

Not Over Particular.

"I can give you a cold bite," said the
woman. "Why not warm it up?" asked the
tramp. "There ain't no wood sawed."
"That's so? Well, give it to me cold."

Hides, Pelts and Furs.

Hides are dull and unsettled. Pelts are
quiet. Furs are active. Wool is firm. Tal-
low has sustained another decline and is
weak.

We would advise some wide-awake sales-
man to give the residents of this vicinity an
opportunity to examine and secure a copy
of the latest and best sectional map of the
Wolverine State, a copy of which now
adorns our office. Nice little points of geo-
graphical accuracy have received the most
careful attention. The location of towns
and their population from the new census
of 1885 is readily round by reference to the
index, which now accompanies each map.
Rand, McNally & Co., 148 to 154 Monroe
St., Chicago, are the publishers and we
predict pleasant and profitable employment
for the fortunate agent who obtains the right
to represent them.

P. Lorillard & Co. have issued a circular
announcing the manner in which the distri-
bution of the awards offered by them in their
circular letter of October 1, 1885, will be ef-
fected. The jobbers of New York, Phila-
delphia and Chicago are each asked to select
a representative retailer, and the three so
chosen will meet at Jersey City on the 17th
and conduct the distribution. P. Lorillard &
Co. paying all traveling and other expenses,
and also a \$5 per diem allowance.

John Caulfield recently placed an order
with B. Leidersdorf & Co., of Milwaukee,
for 25,000 pounds of "Rob Roy" and "Uncle
Sam" smoking tobacco, being the largest
order of the kind ever given by any house in
Michigan at one time. This is the strongest
kind of testimony to the merit of the goods,
as such an order would not be given unless
the goods possessed absolute merit.

Kalamazoo Gazette: All obtainable point-
ers seem to indicate that the celery crop
next season will be twice as great as during
the season just past. Large additional ex-
tents of low lands will be devoted to the
production of the vegetable in the spring,
and if the season is favorable the crop will
be very large indeed.

B. Leidersdorf & Co., the Milwaukee to-
bacco manufacturers, have notified their
employees that hereafter they will be re-
quired to work only eight hours per day,
but will receive the regular compensation
heretofore paid for ten hours' labor.

The firm of Torrance, Merriam & Co.,
founders at Troy, N. Y., has been dissolved
by the retirement of the John O. Merriam
estate. The business will be continued by
W. M. Torrance and J. W. Lawrence under
the firm name of Torrance & Co.

The day of the wooden nutmeg is not al-
together passed. Two hundred patents have
been issued at Washington for machines to
polish low-grade coffee, that it may be palmed
off on the innocent as first quality.

Whole cloves are now used to exterminate
the merciless and industrious moth. It
is said they are more effectual as a destroy-
ing agent than either tobacco, camphor or
cedar-shavings.

Order a sample package of Bethesda Min-
eral Spring Water from your grocery job-
ber. See quotations in another column.

The Pillsbury flouring mills at Minneapo-
lis divided \$35,000 surplus profits among
1,100 employees last year.

MISCELLANEOUS.

Advertisements of 25 words or less inserted
in this column at the rate of 25 cents per week
or 50 cents for three weeks. Advance pay-
ment.

Advertisements directing that answers be
sent in care of this office must be accompanied
by 25 cents extra, to cover expense of postage,
etc.

FOR SALE—Dry, hard maple table legs, (in
sawed ends) for sale cheap. Also exten-
sion table slides, 1 1/2 x 3. A. L. Spofford, Chester,
Mich. 127

WANTED—To buy an interest in a good
paying mercantile business. Have some
money to invest with services. References ex-
changed. Address E. M., care the TRADESMAN.
125

FOR SALE—The font of brevity type for-
sakenly used on THE TRADESMAN. The font
comprises 222 pounds, with italic and can be
had for 30 cents a pound. Apply at the office.

Dissolution of Copartnership.

The firm of Cole & Emery have this day dis-
solved, the partnership having expired by limi-
tation. B. F. Emery succeeds the late firm
and accounts due Cole & Emery, and all ac-
counts against Cole & Emery will be settled by
B. F. Emery, who alone is authorized to settle
for the late firm of Cole & Emery. B. F. Emery
continuing the business at the old stand.

J. C. COLE,
B. F. EMERY.

Grand Rapids, February 3, 1886.

COOPERAGE.

Quay, Killen & Co. quote as follows, f. o. b.
at Grand Rapids.

STAVES.	
Red oak flour bbl. staves.	M 6 00 @ 7 00
Elm	M 5 00 @ 5 75
White oak tee staves, s'd and j't.	M 20 00 @ 23 00
White oak pork bbl.	M 18 50 @ 20 00
HEADS.	
Tierce, doweled and circled, set.	15 @ 16
Pork.	12 @ 13
Basswood, kiln dried, set.	4 @ 4 1/2
HOOPS.	
White oak and hickory tee, 8 ft.	M 11 50 @ 13 00
White oak and hickory	M 10 00 @ 11 00
Hickory flour bbl.	M 6 00 @ 7 50
Ash, round, 10 ft.	M 1 00 @ 1 25
Ash, flat raked, 6 1/2 ft.	M 3 50 @ 4 00
BARRELS.	
White oak pork barrels, h'd m'd.	M 1 00 @ 1 10
White oak pork barrels, machine.	90 @ 1 30
White oak lard tierces.	1 20 @ 1 30
Beef and lard barrel.	1 50 @ 1 60
Custom barrels, one head.	30 @ 37
Flour barrels.	30 @ 37
Produce barrels.	23 @ 25

CANDY, FRUITS AND NUTS.

Putnam & Brooks quote as follows:

STICK.	
Standard, 25 lb boxes.	8 1/2 @ 9
Wheat	9 @ 9 1/2
Cut Loaf	10 1/2 @ 11
MIXED.	
Royal, 25 lb pails.	9 @ 9
Royal, 100 lb pails.	9 @ 9
Extra, 25 lb pails.	10 @ 10 1/2
Extra, 100 lb pails.	9 @ 9 1/2
French Cream, 25 lb pails.	9 @ 9 1/2
Cut loaf, 25 lb cases.	12 1/2 @ 13
Broken, 25 lb pails.	10 @ 10 1/2
Broken, 100 lb cases.	9 @ 9 1/2
FANCY-IN 5 lb BOXES.	
Lemon Drops.	12 @ 13
Sour Drops.	12 @ 13
Peppermint Drops.	14 @ 15
Chocolate Drops.	15 @ 16
Hot Chocolate Drops.	20 @ 21
Gum Drops.	20 @ 21
Licorice Drops.	20 @ 21
A B Licorice Drops.	20 @ 21
Lozenges, plain.	15 @ 16
Lozenges, printed.	15 @ 16
Imperial.	15 @ 16
Mottos.	15 @ 16
Caramel.	13 @ 14
Molasses Bar.	13 @ 14
Caramels.	13 @ 14
Hand Made Creams.	20 @ 21
Plain Creams.	17 @ 18
Decorated Creams.	14 @ 15
String Roll.	14 @ 15
Burnt Almonds.	22 @ 23
Wintergreen Berries.	15 @ 16

FANCY-IN BULK.

Lozenges, plain in pails.	10 1/2 @ 11
Lozenges, printed in pails.	10 1/2 @ 11
Lozenges, printed in pails.	11 1/2 @ 12
Chocolate Drops in pails.	12 1/2 @ 13
Gum Drops in pails.	12 1/2 @ 13
Moss Drops in pails.	12 1/2 @ 13
Sour Drops in pails.	12 1/2 @ 13
Imperial in pails.	12 1/2 @ 13
Imperial in pails.	12 1/2 @ 13
FRUITS.	
Bananas Aspinwall.	17 @ 18
Oranges, Valencia.	3 75 @ 4 25
Oranges, Florida.	3 75 @ 4 25
Oranges, Valencia, cases.	6 50 @ 7 00
Oranges, Messina.	3 75 @ 4 00
Lemons, Naples.	3 50 @ 3 75
Lemons, fancy.	3 50 @ 3 75
Figs, layers, new, 1/2 lb.	13 @ 14
Dates, fruit do.	10 @ 11
Dates, skin do.	10 @ 11
Dates, 1/2 skin.	10 @ 11
Dates, 1/4 skin.	10 @ 11
Dates, 1/8 skin.	10 @ 11
Dates, 1/16 skin.	10 @ 11
Dates, 1/32 skin.	10 @ 11
Dates, 1/64 skin.	10 @ 11
Dates, 1/128 skin.	10 @ 11
Dates, 1/256 skin.	10 @ 11
Dates, 1/512 skin.	10 @ 11
Dates, 1/1024 skin.	10 @ 11
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The Michigan Tradesman.

RETAIL GROCERS' ASSOCIATION
OF GRAND RAPIDS.

ORGANIZED NOVEMBER 10, 1885.

President—Erwin J. Herrick.
First Vice-President—E. E. Walker.
Second Vice-President—Jas. A. Coye.
Secretary—Cornelius A. Johnson.
Treasurer—B. S. Harris.
Board of Directors—Eugene Richmond, Wm. H. Sigel, A. J. Elliott, Henry A. Hydon and W. E. Knox.
Finance Committee—W. E. Knox, H. A. Hydon and A. J. Elliott.
Room Committee—A. J. Elliott, Eugene Richmond and Wm. H. Sigel.
Arbitration Committee—James Farnsworth, M. J. Lewis and A. Rasch.
Complaint Committee—J. George Lehman, Martin C. Delager and A. G. Wagner.
Annual meetings—Second Tuesday in November.
Regular meetings—First and Third Tuesday Evenings of each month.
Next meeting—Tuesday evening, Feb. 16.

Regular Meeting of the Retail Grocers' Association.

At the regular semi-monthly meeting of the Retail Grocers' Association, held on the 2nd, E. A. Stowe read a supplemental paper from Smith Barnes, of Traverse City, detailing the species of opposition met with in the introduction of the system of buying and selling eggs by weight. The article is given in full in another part of this week's paper.

I. W. Van Zandt—The Eastern associations are agitating this subject, and some of them have already taken advanced grounds on the subject of buying and selling all kinds of vegetables by weight. I consider the egg question a practical one, and should be glad to see it solved here in the West.

President—I apprehend more opposition from the shippers in this matter than from the farmers. It seems to me we ought to be as a unit on the subject. The question of dollars and cents ought to dictate our course in this matter.

B. S. Harris—How would breakage affect the handling of eggs by weight?

President—I see no reason why it should cause any more trouble than under the present system.

J. H. Terrill—The proper place to begin discussing this subject is in the Legislature and the proper thing to do is to secure the enactment of a uniform law governing the whole subject. The tendency of such a law would be to improve the quality and size of fowls. Fortunately, it takes but one season to bring about such an improvement.

E. A. Stowe—I think the proper course to pursue is to secure a sentiment in favor of a State or national law, after which it will be easy enough to secure the enactment of such a measure. To me, it seems that the subject rises above the question of dollars and cents. It is a question of right and wrong—whether you sell one man fifteen ounces for the same price you charge another for ten ounces.

Jas. A. Coye—I move that the communication be accepted and that a vote of thanks be tendered Mr. Barnes for his contribution.

The motion was adopted.

I. W. Van Zandt—I wish to compliment the members of this Association on the work they have accomplished in the short space of three months. You have already made more progress than the Rochester Association did in a year and a half. You ought to have a larger attendance, and I would suggest that the Secretary be instructed to send out a postal card to each member a day or two previous to each meeting. The question of a state organization is being discussed in New York, and Massachusetts is already moving in the matter of a national organization. The grocer movement is bound to be a power in the land.

President—One of the best features of an Association similar to ours is the cultivation of a sentiment against adulterated goods, short weights and other trade abuses. When this comes to be understood by the consumer—that the Association is as much in his interest as ours—I think we shall be amply repaid for all our efforts.

Jas. A. Coye—I wish to state that the Law Committee will be ready to report at the next meeting and I move that the subject of huxters and peddlers be made the special order of business for the next meeting.

The motion was adopted, when the meeting adjourned.

A Business Chance.

The son of a prominent divine went out to Dakota with the intention of going into business, but returned in very low circumstances, financially, having walked about half the distance.

"Why, I am surprised, my son," said his father; "I thought there were great opportunities for making money in the territories. Didn't you strike a chance?"

"Well, yes, in a measure; but the fact is, father, I didn't hold the right kind of a hand. It was good enough, so I bet all I had on it; but the other fellow's was better, and he raked in the pot."

The next Sunday the minister preached on "The crying need of missionaries in the West."

There are shops in London where suits of clothes may be hired for an evening. In Paris an agency has been established for hiring out wedding guests for the special benefit of people whose relations live in the provinces. The managers say: "We can place at the disposition of the bridegrooms a choice society, well-educated young men, charming talkers, elegant dancers, several of whom are besides endowed with all the necessary talents appertaining to fine society."

ARCTIC



IMPROVED BAKING POWDER

This Baking Powder makes the WHITEST, LIGHTEST and most HEALTHFUL Biscuits, Cakes, Bread, etc. TRY IT and be convinced. Prepared only by the

Arctic Manufacturing Co.,
GRAND RAPIDS, MICH.

Cushman's MENTHOL INHALER



A superior Remedy for the immediate relief of Neuralgia, Headache, Croup, Hay Fever, Asthma, Bronchitis, Sore Throat, Earache, Toothache, and all diseases of the throat and lungs.

The neatest and most efficient way of using menthol.

Try Them. They Sell Readily.

For Sale by
Hazelton & Perkins Drug Co., G'd Rapids.
Farrand, Williams & Co.,
Jas. E. Davis & Co.,
John J. Dodds & Co.,
T. H. Hinchman & Co.,
Detroit, Mich.

ABOLISH YOUR PASS BOOKS.

GROCERS!

Start in the New Year by Introducing the

SUTLIFF

CUPON SYSTEM.

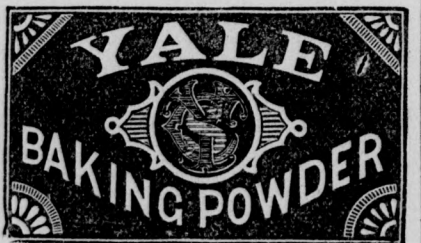
The only Complete Coupon System in existence, making business safe both for the merchant and his customers.

A CARD.

In presenting to the trade my COUPON SYSTEM, which has been revised and improved, I claim that I have the most complete, safe and cheapest system for simplifying business on the market. Customers can send their servants with the Coupon Book to the store with no danger or discrepancies, as by the record which is kept on inside covers, amount of each sale is recorded. All books are numbered when sold, and when not paid for in advance, are secured by note, one of which is in every book. Every Coupon has engraved signature of the merchant, together with the card; covers have the merchant's advertisement on, and their size makes them desirable to the customer as well as the cashier. As they are now made the smaller numbers below the five cent can be detached, same as the larger ones, thus obviating the necessity of a punch and stamp. MERCHANTS CONTEMPLATING CHANGING FROM CREDIT TO CASH, can still hold their old customers by introducing this system, which I claim is the only system where both customers and merchants are absolutely protected against all loss. Send for sample.

J. H. SUTLIFF, Proprietor

ALBANY, N. Y.



FRED. D. YALE & CO.

SUCCESSORS TO
CHAS. S. YALE & BRO.,

WHOLESALE MANUFACTURERS OF
Baking Powders, Extracts, Bluing, and Jobbers of

GROCERS' SUNDRIES.

All orders addressed to the new firm will receive prompt attention.

40 and 42 South Division St.,
GRAND RAPIDS, MICH.



Heavenrich Bros. WHOLESALE CLOTHIERS,

MANUFACTURERS OF PERFECT FITTING

Tailor Made Clothing,
AT LOWEST PRICES.

Mail Orders sent in care L. W. ATKINS will receive Prompt Attention.

138 and 140 Jefferson Ave. and 34 and 36 Woodbridge St., DETROIT.

GOOD FOR ONE DOLLAR

TO ONE FIRST DEALER IN EVERY TOWN. THIS ADVERTISEMENT, IF CUT OUT AND SENT TO US WITHIN THE NEXT THIRTY DAYS, WITH AN ORDER FOR 500 OF "WARREN'S GRIP" CIGARS, (PRICE \$35 PER M, DELIVERED), IS GOOD FOR ONE YEAR'S SUBSCRIPTION TO THIS PAPER, "THE MICHIGAN TRADESMAN." WE SELL THIS CIGAR TO BUT ONE DEALER IN A PLACE. SO SECURE THIS PAPER FOR ONE YEAR FREE, AND THE AGENCY FOR THE BEST-SELLING 5 CENT CIGAR ON THE MARKET BEFORE YOU ARE TOO LATE.

GEO. T. WARREN & CO., Flint, Mich.

FEBRUARY 1ST, 1886.

CURTISS, DUNTON & CO., WHOLESALE

PAPER, WOODENWARE,
TWINES, CORDAGE, ETC.

Superior and 1-2 and 1-2 Binders' Twine and Wool Twine.

LYON ST., GRAND RAPIDS, MICH.

CHOICE BUTTER A SPECIALTY!
CALIFORNIA AND OTHER FOREIGN AND DOMESTIC FRUITS AND VEGETABLES. Careful Attention Paid to Filling Orders.

M. C. RUSSELL, 48 Ottawa st., Grand Rapids.

E. FALLAS,
Wholesale & Commission--Butter & Eggs a Specialty.

Choice Butter always on hand. All Orders receive Prompt and Careful Attention. CORRESPONDENCE SOLICITED.
No. 1 Egg Crates for Sale. Stevens' No. 1 patent fillers used. 50 cents each.
97 and 99 Canal Street, Grand Rapids, Michigan

HESTER & FOX,
MANUFACTURERS AGENTS FOR
SAW AND CRIST MILL MACHINERY,



Planers, Matchers, Moulders and all kinds of Wood-Working Machinery, Saws, Belting and Oils.

And Dodge's Patent Wood Split Pulley. Large stock kept on hand. Send for sample pulley and become convinced of their superiority.

Write for Prices. 130 OAKES STREET, GRAND RAPIDS, MICH

P. STEKETEE & SONS,

JOBBER IN

DRY GOODS,

83 Monroe St..

AND 10, 12, 14, 16 AND 18 FOUNTAIN STREET,

GRAND RAPIDS, MICH.

Peerless Carpet Warps and Geese Feathers a Specialty.

APPLES!

We have a large Western order trade for Apples in car lots, as well as a good local demand, and also handle both Evaporated and Sun-dried Apples largely. If you have any of these goods to ship, or any Potatoes or Beans, let us hear from you, and we will keep you posted on market price and prospects. Liberal cash advances made on dried fruit, also on apples in car lots.

EARL BROS., Commission Merchants,

Reference—First National Bank.

157 S. WATER ST., CHICAGO, ILL.

DEALERS IN RAW FURS AND DEER SKINS,

SEND FOR PRICE-LIST TO

PERKINS & HESS,

Nos. 122 and 124 Louis St., Corner Fulton,
Grand Rapids, Mich

W. T. LONG

WHOLESALE DEALER IN

Butter, Eggs, Pop Corn,
Green and Dried Fruits,

POP CORN A SPECIALTY.

Write me for prices.

W. T. LONG, VICKSBURG, MICH.

O. W. BLAIN & CO., Produce Commission Merchants,

DEALERS IN—

Foreign and Domestic Fruits, Southern Vegetables, Etc.

We handle on Commission BERRIES, Etc. All orders filled at lowest market price. Correspondence solicited. APPLES AND POTATOES in car lots Specialties. NO. 9 IONIA ST.

PERKINS & HESS,

DEALERS IN

Hides, Furs, Wool & Tallow,

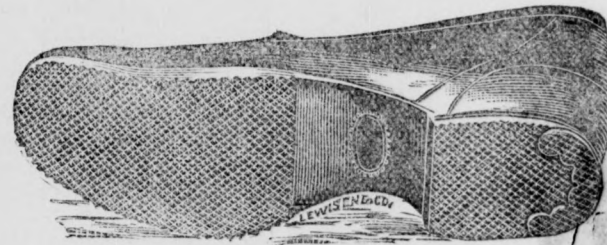
NOS. 122 and 124 LOUIS STREET, GRAND RAPIDS, MICHIGAN.

WE CARRY A STOCK OF CAKE TALLOW FOR MILL USE.

G. R. MAYHEW,

JOBBER OF

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ALASKA WITH CRESCENT HEEL PLATE.

Wears three times as long and keeps from slipping.

The Trade Supplied with Arctics, Alaskas and Sandals with the Crescent Heel Plates.

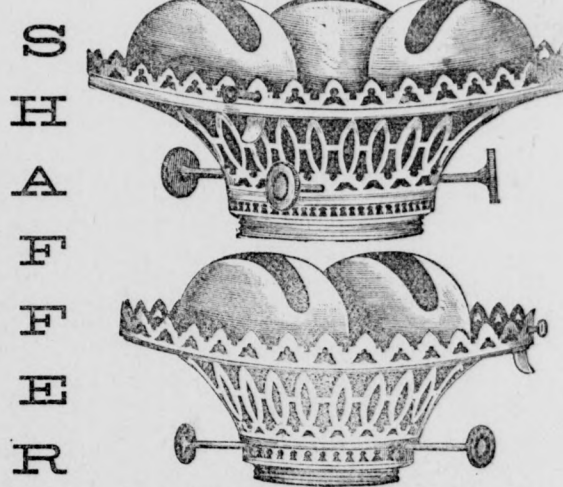
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H. LEONARD & SONS,

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THE LATEST



BURNER.

No. 2 Two Cone Burner	5.40 per doz.
No. 2 Three Cone Burner	6.30 per doz.
Frosted Chim. for 2 or 3 cone burner	1.50 per doz.
Plain Chim. for 2 or 3 cone burner	1.25 per doz.

A BIC DEAL IN CROCKERY.

Assorted Crate KNOWLES, TAYLOR & KNOWLES, Thirds, Diamond K.

9 doz. 5 inch Plates	36	3.24
20 doz. 7 inch Plates	50	10.00
6 doz. 8 inch Plates	60	3.60
3 doz. Bakers, 1 doz. 6 in., .75; 1 doz. 7 in., .96; 1 doz. 8 in., 1.40		3.11
3 doz. Bowls, 1 doz. 36, 50; 1 doz. 30, 60c; 1 doz. 24, 75		1.85
1 doz. Covered Chambers, 9		4.00
1-2 doz. Open Chambers, 9	3.00	1.50
6 doz. Fruit Saucers, 4 in.	.25	1.50
1-2 doz. Covered Butters, 5 in.	3.20	1.60
1-2 doz. Covered Dishes, 1-4 doz. 7 in., 3.20; 1-4 8 in., 3.60		1.70
1-3 doz. Ewers and Basins, 9	6.60	2.20
4 doz. Scalloped Nappies, 1 doz. 5 in., 60; 1 doz. 6, 76; 1 doz. 7, 1.00; 1 doz. 8 1.40		3.76
1 doz. Platters 1-4 9, 1; 1-4 10, 1.60; 1-4 11, 2.14; 1-4 12, 2.84		1.90
24 Sets Hand St. Dennis Teas	.34	8.16
14 Sets Unhandled St. Dennis Teas	.26	6.24
Package,		2.00
		\$56.36

A full line of Bargain Counter Goods. Send for Illustrated Catalogue.