

The Michigan Tradesman.

VOL. 3.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, MARCH 17, 1886.

NO. 130.

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.

**Our Special
Plug Tobaccos.**

	1 butt.	3 butts.
SPRING CHICKEN	.38	.36
MOXIE	.35	.33
ECLIPSE	.30	.30

Above brands for sale only by

OLNEY, SHIELDS & Co.
GRAND RAPIDS, MICH.

**DETROIT
FREE
PRESS
CIGAR.**

10c Cigar for 5c.
Brown Bros.
MANUFACTURERS,
DETROIT, MICH.

A Warning.
Pain is given for the wise purpose of informing us of the presence of danger and disease. Any little excitement of an unusual nature disturbs the balance of the system, the nervous energies are exhausted, and headache and a hundred other disturbances are the result. Many of the miseries of modern man and womanhood might be cured and prevented if we were to heed and resist, having their origin in derangements of the liver and blood, dyspepsia, jaundice, indigestion, costiveness and other unwholesome conditions. Evils of a diseased nature find a certain cure by the use of Golden Seal Bitters. In this medicine, nature, aided by art, has produced a rare combination of medicinal properties, wisely adapted for the cure of diseases common to mankind. The vitalizing principles embodied in Golden Seal Bitters will assuredly cure the broken down dyspeptic. Sold by Hazeltine, Perkins & Co., wholesale druggists, Grand Rapids, Mich.

PLUG TOBACCO.
TURKEY .39
Big 5 Cents, .35
Dainty {A fine revolver
{with each butt.} **.42**

All above brands for sale only by
BULKLEY, LEMON & HOOPS
WHOLESALE GROCERS,
GRAND RAPIDS, MICH.

LUDWIG WINTERNITZ,
(Successor to P. Spitz.)

Fermentum
The Only Reliable Compressed Yeast.
Manufactured by Rice & 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.

EATON & CHRISTENSON,
Agents for a full line of
S. W. Venable & Co.'s
PETERSBURG, VA.,
PLUC TOBACCOS,
NIMROD,
E. C.,
BLUE REITER,
SPREAD EAGLE,
BIG FIVE CENTER.

**Sweet 16
Laundry Soap**
MANUFACTURED BY
OBERNE, HOSICK & CO.
CHICAGO, ILL.

WE LEAD—OTHERS FOLLOW.
is valuable. The
Time
Grand Rapids
Business College is
a practical trainer
and fits its pupils for the vocations of business
with all that the term implies. Send
for Journal. Address C. G. SWENBERG,
Grand Rapids, Mich.



GUSTAVE A. WOLF,
Attorney.
Over Fourth National Bank. Telephone 407.
COLLECTIONS
Promptly attended to throughout the State.
References: Hart & Amberg, Eaton & Christenson, Enterprise Cigar Co.



TO THE TRADE.
We desire to call the attention of the Trade to
our unusually complete stock of
**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
hereafter be able to fill all orders promptly.
We issue separate lists of Slates, School and
Township Books, Blanks, Etc., which will be
mailed on application.
Quotations on any article in our stock cheer-
fully furnished. We have the Agency of the
REMINGTON TYPE WRITER
For Western Michigan.

Eaton & Lyon
20 and 22 Monroe St., Grand Rapids, Mich.
C. ROYS & CO.,
Whips & Lashes
2 Pearl St., Grand Rapids, Mich.

Having been witnesses of the truly miracu-
lous cures made by Golden Seal Bitters, we do
not hesitate to say that there is no other re-
medy for blood, liver, stomach, and kidney dis-
eases, half its equal.

JUDD & CO.,
JOBBERS of SADDLERY HARDWARE
And Full Line Winter Goods.
102 CANAL STREET.
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.

ALBERT COYE & SON,
MANUFACTURERS OF
AWNINGS, TENTS
HORSE AND WAGON COVERS.
WHOLESALE DEALERS IN
Oiled Clothing, Ducks, Stripes, Etc.
73 Canal Street, - Grand Rapids, Mich.

CINSENC ROOT.
We pay the highest price for it. Address
Peck Bros., Druggists, Grand Rapids, Mich.

LUDWIG WINTERNITZ,
JOBBER OF
Milwaukee Star Brand Vinegars.
Pure Apple Cider and White Wine Vinegars,
full strength and warranted absolutely pure.
Send for samples and prices. Also dealer in
Sauerkraut. 106 Kent St., Grand Rapids.

ARTHUR R. ROOD,
ATTORNEY,
COMMERCIAL LAW and LOANS,
43 PEARL ST., GRAND RAPIDS, MICH.
Refers by permission to Foster, Stevens &
Co., Peck Bros., Nat'l City Bank, Morgan &
Avery, E. A. Stowe. Telephone call 375.

EDMUND B. DIKEMAN,
THE—
GREAT WATCH MAKER,
—AND—
JEWELER.
44 CANAL STREET,
GRAND RAPIDS, MICH.

**Sweet 16
Laundry Soap**
MANUFACTURED BY
OBERNE, HOSICK & CO.
CHICAGO, ILL.

ABOLISH YOUR PASS BOOKS.
GROCERS!

Start in the New Year by Introducing the
**SUTLIFF
COUPON
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 SYS-
TEM, 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 ser-
vants 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 CHANG-
ING FROM CREDIT TO CASH, can still hold
their old customers by introducing this sys-
tem, which 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.

**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 WEARER.
ALL AT PRICES THAT WILL IN-
DUCE YOU TO LEAVE YOUR ORDER.

**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
Hazeltine & Perkins Drug Co., Grand Rapids.
Farrand, Williams & Co.,
Jas. E. Davis & Co.,
John J. Dods & Co.,
T. H. Hinchman & Co.,
Detroit, Mich.
Ask your traveler to show you one the next
time he calls.

**NEW BRANDS
OF
CIGARS!**
SUNSHINE,
STANDARD,
ROYAL BIRD,
KEY VEST,
LOVE LETTER,
BUNNY,
I SHOULD BLUSH,
DICTATOR.

ABOVE ARE ALL
Coldwater Goods,
OF WHICH WE HAVE THE
EXCLUSIVE SALE.
Eaton & Christenson,
GRAND RAPIDS, MICH.

CLEARING HOUSES.

Their Origin in London and Adoption by
the United States.
From the Chicago Inter-Ocean.

From \$6,000,000 to \$10,000,000 change
hands within five minutes every business
day in an upstairs room on La Salle street.
It is not a bank nor a resort of "high rol-
lers." Plain letters on the dusty glass door
say, "Clearing House." The room is plain,
without the appearance of a business place,
but rather looks usually as if the tenants
were in the act of moving out, and had most
of the furniture already away. A wire sur-
rounded compartment in one corner contains
an old flat-top desk, where the manager sits
during the few hours the room is open,
most of the time having no associate but
the janitor. The greater part of the floor is
taken up with a massive desk in the form
of an oval. Inside it is about 8 feet across,
and from end to end about 36 feet. A shelf
for writing runs all around, and a few pig-
con-holes hold the accumulated dust of
months, for they are hardly ever used.
Above the top of the desk, all around the
oval, a walnut frame extends, the support-
ing posts dividing the desks into thirty-six
spaces, numbered on plates to correspond.

"What is the clearing-house, anyhow?"
do you say.

Few persons who are fortunate enough to
have a bank account to draw on ever con-
cern themselves how the cash is obtained
on their drafts, unless they are to be pre-
sented in person. Obviously they have to
be cashed somehow, and finally by the bank
whose style they bear. Suppose the check
is deposited in another bank, how is it
cashed then? That is to be explained here.

All bankers nowadays are in daily receipt
from their customers of numerous checks
and drafts on other bankers. These papers
are usually credited at once to the deposi-
tor, so that he may make his own checks
against their sum, but nevertheless they are
not cash. In places where there are only a
few banks, the checks each has on the other
are sorted and presented for cashing by a
clerk at each of the other banks in turn.
While the sum of these exchanges at any
one time may not be temptingly large, car-
rying the cash from them through public
thoroughfares is attended at all times with
undesirable risks. In larger places, where
business is on a larger scale, of course the
exchanges have greater bulk, and to make a
circuit of the banks with them calls for a
great deal of time and necessitates much
additional clerical force.

About the time when Bunker Hill was
getting into history in the last century the
problem of cashing checks on each other
quickly and without risk came up for con-
sideration among the bankers of London.
It was agreed that a room should be hired
in a central place, where a representative of
each house should appear at a stated hour
on business days, and present checks on the
others and receive checks on itself. At a
later hour in the day all owing on the ex-
change was taken in coin to the same place
and given to clerks waiting there. This
was called "clearing" accounts and plainly
did away with the clerks running from bank
to bank, and required carrying gold to but
one place instead of all around. The plan
worked successfully from the start and was
pursued unchanged for many years. Then
the transactions grew to where the settle-
ments were unwieldy, and it was decided to
adjust balances by checks on the Bank of
England, where each member of the clear-
ing-house kept an account.

On this side of the Atlantic it was not till
quite a generation later that there was any
decided National center of trade. Banks
were few, too. With the finish of the first
third of the present century commerce and
manufactures were in a healthy state of de-
velopment, and banking affairs threatened
to soon reach the same shape as in London.
Albert Gallatin, the great financier of the
time, in 1841 issued a pamphlet, suggesting
among other things a clearing-house in New
York on the English plan.

If a clearing-house ever were needed in
London, it was infinitely more necessary in
New York. The currency then in vogue
was various, and banks ran great risks in
handling the wild-cat issues of other banks.
Exchanges were demanded with promptness
and frequency as a matter of financial safe-
ty. The area covered by New York was
steadily extending, and the distance be-
tween banks changed to correspond. The
clerical staff necessitated by the circum-
stances was a burden in many ways. Yet
it was not until 1853 that the clearing-house
was considered thoroughly desirable, and a
year passed then before organization was
completed, although business had meantime
been done on the plan. The association
had a membership of the fifty leading finan-
cial institutions, headed by the ancient and
solid Bank of New York. It was establish-
ed on the basis that still exists, and has
since been followed by all the principal
cities of the country.

Chicago got along in the style of country
towns till early in 1865. On March 3 of that
year a meeting was held at the Sherman
House and an association formed. W. F.
Coolbaugh, was elected President; Josiah
Lombard, Vice-President, and L. J. Gage,

manager. The managing committee com-
prised E. E. Braisted, E. I. Tinkham, Ira
Holmes, L. J. Gage, John DeKoven and A.
C. Badger. Mr. Gage was the manager but
a short time, being succeeded by Geo. A.
Ives, who remained in charge for some
years after. Rooms were taken in the Scan-
lon building. To the end of the year the
total of the exchanges reached the very re-
spectable sum, even for war times, of \$313-
000,000. The figure is in strong contrast
with the annual total of some of the clear-
ing-houses in the smaller cities to-day.
Lowell, Mass.; Syracuse, N. Y.; Spring-
field Mass., and St. Jo., for instance, each
aggregates under \$50,000,000, and there are
only ten cities in the United States whose
figures for a year yet exceed that first return
of Chicago. Of course, there was an increase
the year afterward, and the increase has
continued annually since, with but one or
two exceptions. The largest sum was for
the year 1883, being \$2,517,000,000. The
greatest increase in any one year was in
1880, which showed \$500,000,000 over 1879.
The exchanges last year were \$2,318,000-
000. The largest clearing in any day was
nearly \$30,000,000. May 2, 1883, they were
over \$23,000,000. In explanation of the ap-
parent diminution of the sum of bank ex-
changes within a year or so, it is necessary
to say that it is brought about by the estab-
lishment of a clearing-house on the Board
of Trade for exchanges among its members.
The yearly amount of these is quite \$100-
000,000, reducing the bank totals just so
much less.

The bank clearings are always in exact
figures, and represent something tangible.
Therefore they afford the best data obtain-
able to prove the condition of general trade.
Transactions are few when the totals are
small. Their statistics long since demon-
strated the fallacy of the universal opinion
that London was the business center of the
world. The exchanges of New York are
far ahead of those of the British capital,
and the greatest of any city. Chicago is
but 10 per cent, or so behind London, and
clears three times as much in a year as
Paris. The weekly clearings of New York
are two-thirds those of the entire country.

The Clearing House Association occupies
an important place in the affairs of every
city where it exists, for through it, when
necessary, the consolidated banking capital
speaks. Rigid rules are adopted for mem-
bership and government of exchanges. The
Chicago association originally had more
members than now, having at first accepted
private bankers. It was subsequently de-
termined, however, that new members must
have either a State or National charter and
have a capital of not under \$200,000, and
these conditions still stand. Old private
bankers retiring left only Preston, Kean &
Co. of their number for some years past,
and their place is now taken by the New
Metropolitan National. True, the checks
of private bankers are yet cleared regularly,
but arrangements for that have to be made
through accepted members. Of these there
are but nineteen. Each has its distinctive
number, by which it is known to the other.
Following is the list: 1, First National
Bank; 2, National Bank of America; 3, Mer-
chants' National Bank; 4, Northwestern
National Bank; 5, Commercial National
Bank; 6, Union National Bank; 7, Mer-
chants' Loan and Trust Company; 8, Corn
Exchange Bank; 9, Trader's Bank; 10, Met-
ropolitan National Bank; 11, Hibernian
Banking Association; 12, National Bank of
Illinois; 13, Bank of Montreal; 14, Hide and
Leather National Bank; 15, Union Trust
Company; 16, Canadian Bank of Commerce;
17, Home National Bank; 18, Chicago Na-
tional Bank; 19, Continental National Bank.
This list is printed in a variety of forms, for
use between members and at the Clearing
House, and is also supplied to many leading
business houses, which have checks for de-
posit in quantity, so that they may put their
paper in order, and reduce work in their
bank.

Till about five minutes before 11 in the
morning the room of the clearing-house sel-
dom has an occupant besides Manager Paul
Smith and his janitor. Suddenly the door
is shaken and in pops a bustling, bearded
youth, with a rusty gripsack in hand, rap-
idly followed by others of the same genus,
not all being similarly encumbered, how-
ever. The crowd is a motley one, doubtless
containing embryo financiers in number.
Each bank sends a settling clerk and a mes-
senger. The clerks have ready prepared a
form, showing just what paper they bring
against each other, and a ticket with the
total of their banks' clearings alone. One
minute before 11 the first nineteen spaces in
the oval should be occupied and the man-
ager taps a warning bell to make ready.
The messengers are outside and the clerks
inside. The former hold great bundles of
checks all smoothed out and in a band hav-
ing the sum of the enclosure marked there-
on. With the checks is a ticket showing
the figures of each in order as arranged and
footed up. An instant later the manager
gives two taps more on the bell and the out-
side line begins to move. Each clerk has a
bundle slapped before him with a sheet fol-
lowing, so he can compare the figures on
each. Then he notes on a list of his own
what he has received. Five minutes after

11 the circuit has been made and the ex-
changes completed. The messengers take
the bundles in their grips, and disappear.
Millions have gone up and down the stairs
within ten minutes. The clerks remain to
foot up their sheets. One after another fin-
ishes, putting the total on the ticket
brought, and disclosing whether his bank
owes all the rest or is owed by them. These
tickets the manager takes, and enters on a
sheet before him. The last ticket in, they
are footed up, and the result of the
clearing is known in all of its details. The
public learns of it in a single sentence only,
something like this: "The clearings were
\$7,500,000."

To insure accuracy and attention to busi-
ness on the part of the clerks, a schedule of
fines is established. Frankishness, annoy-
ing the crowd, costs \$2; keeping the clear-
ings waiting, the same; an error in figures
not found in a certain number of minutes,
the same, and so on.

At 12:30 the Clearing House has another
visit. At that hour the cash due on bal-
ances is brought there in iron-bound boxes
chained to the wrists of the messengers.
Those banks to which money is due on the
exchange have men to receive the same.
Fifteen minutes' time suffices to effect the
transfers, and the business of the day is
ended, so far as the clearing-house is con-
cerned.

Any differences about checks have to be
settled at the banks themselves. Just as
soon as the messenger of a bank returns
from the clearing-house with his checks,
they are distributed among the bookkeepers,
and it quickly develops what "shinning"
may have been done by customers the day
before. The doubtful paper of all kinds is
picked out, marked "no funds," or whatever
may cause it to be questioned, and returned
for cash to the bank that took it in deposit.

The economy of the clearing-house sys-
tem is most remarkable, but it is all so sim-
ple that comment on it is not often seen in
print. Without it, business would be great-
ly restricted for want of actual cash. This
fact was what most forcibly impressed itself
on the originators of the plan in London,
and afterward on the New Yorkers. The
weekly total of exchanges for clearing-
houses in the United States alone will aver-
age over a billion of dollars. These are re-
ported from Portland to San Francisco, and
from Minneapolis to New Orleans. The
conveyance of this bulk of coin to and fro is
a practical impossibility. There is not in
existence enough for trade to continue, and
such a bulk of money to be in transit for any
distance whatever.

A New Way to Collect Bad Debts.
For the benefit of our readers we give a
synopsis of the method yurused by the Uni-
formed Collection Company of Elmira, N.
Y., in collecting bad debts:

"The way the Uniformed Collection Com-
pany works is this: Such persons as de-
sire our services become subscribers to our
plan, and pay a fee or bonus of \$1. We
furnish each subscriber with blanks, which
he fills out and sends to his delinquent
debtors, with a statement of their accounts.
The blank is simply a request for them to re-
mit the amount, with the declaration that if
they do not their cases will be turned over
to the Uniformed Collection Company. When
the company receives a case a collector
is sent at once to the debtor to solicit
the payment of the amount due. If he
still refuses to pay, we send another
collector who wears a striking uniform,
with the word 'Collector' in very distinct
letters on the band of his hat. This collector
visits the debtor three successive days, at
his house or place of business. If the
third visit does not result in obtaining the
money, the collector wears a hat on the
band of which are the words, 'Collector of
Bad Debts.' His orders are to call on the
debtor daily and demand payment of the
claim or claims against him. These calls
soon attract the attention of the neighbors
and become the talk of the town. It has
to be a case-hardened old pensioner in
the confidence of his butcher and baker and
candlestick maker who can boldly face more
than half a dozen calls from the gentleman
with the suggestive hat band, and the conse-
quence is that an arrangement satisfactory
to the creditors is always effected. We
charge the creditor 10 or 15 per cent. of the
amount collected, as the case may be, and
everybody is happy but the man who has
come down with the skids. This method
of collecting bad debts is no experiment.
We have tried it in a hundred different
places, and never lost a case yet. The sys-
tem originated in Canada. We have had
several collectors very neatly 'done up' by
irate debtors, but our men expect that, and
assume all such risks when they enter our
employ. If a collector is disabled, we put a
bigger man right on in his place, and it has
got to be a very sultry day when we let a
man rest easy while we've got a bill against
him."

T. W. Snook succeeds Snook & Robinson
in the stove and heading business at Mt.
Clemens.

Arbuckle & Co., sawmill operators at
Lake City, have added a planer, matcher
and moulder, furnished by Hester & Fox.

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, MARCH 17, 1886.

It begins to look as though somebody besides the Western Union Telegraph Co. and the Bell Telephone Co. had some rights in this country. For years every decision wherein the interests of the people and the monopolies were in conflict was invariably recorded in favor of the corporations. But a new era seems to have dawned, in which monopoly is destined to take a back seat. The recent decision of the Indiana Supreme Court, relative to the rights of the people to resist overcharges for telephone service, is a case in point, and the verdict of a jury in the United States Court at Detroit is another. Briefly stated, the latter is as follows: J. Jenks & Co., the owners of a steam flouring mill at Sand Beach, have agents at Portland, Me. On December 29, 1884, their agents telegraphed them that a contract to supply 1,000 barrels of flour at \$4.25 per barrel had been closed that day. Through some mistake on the part of the Telegraph company the dispatch was not delivered, and the firm remained in ignorance of their agent's contract until January 6, 1885. In the meantime the price of wheat had advanced, and the firm had to fill the order at a loss. If the message had been promptly received, the firm could have bought the wheat and made the flour at a profit of \$617. Suit was brought for that amount, the company contesting it on the ground that the dispatch was not a repeated message, and that hence, under the printed rules on every blank, they were not responsible for any mistakes or delays that might occur in transmitting it. The jury heard the evidence and promptly brought in a verdict for the plaintiffs for the amount claimed.

An obscure lawyer made himself conspicuous at the meeting of the stockholders of the new Fifth National Bank by moving that the salary of the cashier should not exceed \$1,000 a year. Inasmuch as the National banking law vests the authority of fixing the salaries of all the officers of a bank with the directors, the resolution was out of order and should have been so considered by the chairman of the meeting; and inasmuch as the motion was offered after the election of thirteen directors had been accomplished, it cannot fail to be regarded as a reflection on the gentlemen composing the board. The latter, however, will undoubtedly ignore the affront, and the alleged attorney who offered it, by placing the salary of the cashier at a figure commensurate with the responsibilities and requirements of the position.

Grand Rapids cannot wait for the season to open, but has concluded to begin booming, regardless of the weather. Real estate transactions are increasing in number and amount and the prospects are that business will break loose with a vim and virility when the grass begins to get green, seldom witnessed in towns of this size. A casual calculation of the amount of building contemplated the coming season brings it up to the vicinity of a round million.

Lawyer Felker has put himself on record as opposed to decent salaries—in fact anything decent is seemingly foreign to his comprehension. In his small mind, \$1,000 a year is ample salary for the cashier of a National bank. It is such men as Felker that make embezzlers and defaulters. Pay men salaries commensurate to their worth and—nine times out of ten—the temptation to defraud their employers is removed.

The Fifth National Bank.

The West Side has finally effected the organization of one of those substantial commercial institutions which are so necessary to the prosperity and development of a business community. The Fifth National Bank begins operations with a paid-up capital of \$100,000 and the personal of its directors and officers is a sufficient guaranty of the substantial character of the institution.

The thirteen gentlemen comprising the Board of Directors are all representative business men and will guard well the trusts reposed in them.

Wm. Dunham, who has been elected to the Presidency, possesses a keen business foresight and is in every way worthy of the fiduciary position which he holds.

W. H. Fowler, who is really the father of the project, and who has been selected to act as cashier, is well and favorably known among business men, having served as individual bookkeeper for the Old National Bank for over five years. He previously held a position of trust in the National Bank of Auburn, and his somewhat varied bank experience has rendered him thoroughly familiar with the work in every department of a National bank. This advantage, coupled with affable manners, exceptional energy and unusual shrewdness, will enable Mr. Fowler to discharge the duties of cashier to the satisfaction of himself, the bank and its patrons.

The Fifth National Bank is to be congratulated on its choice of directors and officers and THE TRADESMAN expects to see it take front rank among our reliable monetary institutions.

AMONG THE TRADE.

IN THE CITY.

The new two-story refrigerator room of the Grand Rapids Packing and Provision Co. is now completed.

Frank T. Roberts has engaged in the grocery business at Rockford. Bulkley, Lemmon & Hoops furnished the stock.

John Cummings succeeds Duggan & Cummings in the carriage making and blacksmithing business at 36 North Division street.

E. M. Reed, tobacconist at Coopersville, has put in a line of groceries. Clark, Jewell & Co. furnished the stock.

Wm. Rowe & Co. will shortly engage in the drug business at Manistee. The stock will be furnished by the Hazeltine & Perkins Drug Co.

The Grand Rapids School Furniture Co. has closed a contract with the Board of Education of Kalamazoo for 132 sittings, in the face of active competition.

A. V. Chapman has sold his interest in the grocery business of T. B. Martin & Co., on South Division street, to T. B. Martin, who will continue the business in his own name.

The indications are that the Peirce & White matter will so shape itself as to present an offer of compromise to the creditors, from 35 to 50 per cent. The creditors will all probably jump at the offer.

A. Van Duren, for several years past in the employ of G. R. Mayhew, has formed a copartnership with his brother under the firm name of Van Duren Bros., and purchased the B. V. K. Van Raalte boot and shoe stock at Holland.

The Peninsular Novelty Co. has recently perfected a new and unique hand-tool for attaching buttons to shoes. The machine is accompanied with three tubes, each holding twelve buttons. The tubes may be filled with buttons and fasteners with very little trouble, after which the machine works automatically.

AROUND THE STATE.

W. A. Masters, grocer at Grayling, has sold out.

W. R. Phillips, druggist at Battle Creek, has been attached.

R. Reid succeeds Reid & Mills in the harness business at Clarkston.

W. R. Cutter succeeds Taylor & Cutter in the drug business at Ionia.

H. Sorkness, the Manistee grocer, is erecting a new store building.

D. W. Mills succeeds D. W. Mills & Son in the grocery business at Caro.

F. Sable, formerly of Chase, will open a clothing store at Lake City about April 1.

Wright, Kay & Co. succeed Roehm & Wright in the jewelry business at Detroit.

C. R. Richardson & Co. succeed S. C. Gayer in the boot and shoe business at Flint.

Fall & Hendricks, clothing dealers at Ann Arbor, are succeeded by J. T. Jacobs & Co.

J. R. Godfrey has purchased Wm. Dean's store and hardware stock at Parma.

D. Silverhorn succeeds Silverhorn & Frazer in the feed mill business at Greenville.

T. Edmunds, boot and shoe dealer at Big Rapids, has been closed on execution.

B. E. West & Co. succeed T. C. West & Co. in the drug and book business at Lowell.

Wm. Stage, general dealer at Hazelton, will erect a new store building the coming season.

B. B. Faeder succeeds Slesinger & Faeder in the hide, pelt and fur business at East Saginaw.

Jones Bros. succeed John H. Young in the confectionery, news and cigar business at Flint.

Arvis, Newman & Co. succeed Hixson, Newman & Co. in the hardware business at Portland.

Geo. A. Young succeeds Geo. A. Young & Co. in the crockery and notion business at Manistee.

Showerman & Warner succeed Showerman & Foster in the grocery business at Paw Paw.

Chas. Tasker has sold his grocery stock, at Bonanza, to D. M. Crane, and will emigrate to Dakota.

The grocery stock belonging to the estate of J. K. Seafuse, at Lake City, has been sold to L. Wolverton.

J. A. Mayrand and Daniel Lancteau, composing the "East Lake Drug Firm," at East Lake, have dissolved, Mayrand continuing.

Muskegon News: Dr. McDonald has sold his interest in the Pine street drug store to C. L. Brundage. Mr. B. has taken possession of the store and will conduct it hereafter.

Mr. Heffernan, until recently manager of the H. Mathews & Co.'s drug store, at Chase, has purchased the J. H. Cregan & Co. drug stock, at that place, and will continue the business.

Wm. H. Andrews, the Fennville druggist, is still confined to his house with sciatic rheumatism. He will take a trip to Southern California as soon as the weather moderates, in hopes of obtaining relief.

Mancelona Herald: W. W. Wise has sold his interest in the hardware store to Ellsworth Varnes, and hereafter the firm will be known as Wise & Co. All outstanding debts must be paid to W. W. Wise, who is authorized to receive and receipt for the same.

Herbert E. Johnson has disposed of his grocery business at Lansing to Robert B. Shank, of the late creamery firm of Farrand & Shank, from whom Johnson purchased the business several years ago. Possession will be given April 1. Johnson will engage in other business.

STRAY FACTS.

Cooley & Webb, bakers at Paw Paw, have sold out.

John Morse succeeds C. J. Bachant in the hotel business at Chase.

Jas. McLeod succeeds Jas. Fox in the saloon business at Muskegon.

Miss Dottie Kelly succeeds Miss Maria L. Stone in the millinery business at Marshall.

Manton Tribune: High Kibbe, of Kibbe Bros., of this place, has opened a branch meat market in Grand Rapids.

Milmo & Stokoe, of Manistee, have purchased 26,000 acres of bottom timbered lands in Louisiana. They have established camps and are deadening and trailing cypress logs, and expect to make a large float this spring.

A local paper states that thus far the excellent maple and beech timber in the vicinity of Manistique has not been utilized otherwise than as firewood. There is evidently an opportunity for pioneering in the hardwood mill business in that vicinity.

It is estimated that fully 1,000,000 pieces of cedar will be cut in Presque Isle county this season. A local paper figures out that this cut would denude 2,000 acres of land. But a cedar swamp doesn't stay denuded long; it has a faculty of re-clothing itself speedily.

MANUFACTURING MATTERS.

Anderson Bros., of Angola, Ind., have started a road cart factory at Bronson.

Fanghner & Co. succeed Hopkins & Gould, excelsior manufacturers, and B. Johnson & Son, planing mill operators, at Owosso.

Anway & Herick have rented their saw mill at New Era to A. L. Dennis, of that place, who will run it for all it is worth.

The Danaher & Melendy Co., at Ludington, is adding a new shingle mill to its plant there, with a capacity of 25,000 to 30,000 a day.

The Caro Woodenware Works, which has been a copartnership, has been merged into a corporation under the style of the Caro Woodenware Manufacturing Co.

Manton Tribune: Williams Bros. have commenced the construction of a large steam dry kiln, for use in their manufacturing business. They will also erect on the same site, just south of Green's mill, as soon as the weather will permit, a suitable building for their mill machinery.

Miscellaneous Dairy Notes.

Caledonia is bidding for a cheese factory. The Pontiac Creamery Co. expects to begin operations April 1. The company has a paid-up capital of \$5,200.

C. B. Lambert is authority for the statement that 300 patents have been granted to churn inventors in this country and that there are 900 patents on cans, pans and other dairy appliances.

The patrons of G. B. Horton's Home Cheese Factory, at Fairfield, held their annual meeting on the 10th, when the following showing was made: Total pounds of milk received, 1,492,041; number of cheese made, 3,138; pounds of cheese made, 149,660; gross sales, \$12,298.14; losses, postage, exchange, etc., \$255; making, furnishing and selling, \$1,570.74; net to patrons, \$10,172.40; general average, 68 17-100 cents per hundred pounds milk. Yield, 9 96-100 pounds milk to one of cheese.

THE TRADESMAN acknowledges the receipt of the fifth annual review of the commerce, manufactures and business interests of the Saginaw Valley, from the Saginaw Board of Trade. The publication is a valuable one, and reflects much credit on the organization which directed its compilation.

Purely Personal.

Gaius W. Perkins is in New York and will spend several days in Boston before returning.

M. J. Clark has returned from Pelatuma, Cal., where he spent the winter. He is as brown as a berry.

Geo. A. Sage, the Rockford grocer, was in town last week. He didn't buy any goods, however. He came on purpose to see the leg show.

S. M. Frost succeeds James E. Granger as shipping clerk for Cody, Ball & Co. Mr. Frost formerly occupied a similar position with Rice & Moore.

W. J. Gould, head center of the wholesale grocery house of W. J. Gould & Co., at Detroit, was in town a couple of days last week. He is interested in the Peirce & White failure to the amount of a cool thousand.

The many friends of Landlord Maxfield, of Coopersville, will be pleased to learn that he has nearly recovered from the effects of his broken limb. During his illness, the wants of his patrons have been faithfully supplied by Mrs. Maxfield.

W. H. Willard, the Manistee druggist, will shortly wed Miss Hattie Fox, the charming daughter of Col. P. V. Fox, of this city. By way of a farewell to his Manistee bachelor friends, he recently gave them an elaborate symposium.

James E. Granger, who has been connected with the wholesale grocery house of Cody, Ball & Co. for the past seven years—four years as shipping clerk—has resigned to engage in the merchandise brokerage business, his resignation to take effect on the 20th, at which time he will take a trip through the East to arrange for desirable connections. "Jim" has many friends among the jobbing trade, who will undoubtedly accord him as cordial a reception as is consistent with the presence of half a dozen other brokers in the same line.

The recent sharp advances in raw rubber, and a strong market at 70 cents a pound for fine rubber at Para, causes some concern among Eastern manufacturers, as the time is near when large contracts must be entered into.

GRAND RAPIDS GRAIN AND SEED CO.

SEED MERCHANTS,

Office and Warehouse: 71 CANAL ST.

GRAND RAPIDS, MARCH 16, 1886.

DEAR SIRS:—Below we hand you jobbing prices for to-day:

Clover, Extra reseeded.....	60 bu	7 60
" Choice.....	"	6 50
" Prime.....	"	6 40
" No. 2.....	"	6 25
" Mammoth Prime.....	"	7 00
" White.....	20c 3/4 bu	9 00
" Alsike.....	20c "	9 00
" Alfalfa or Lucerne 20c "	"	9 00
Timothy, Prime.....	45 bu	2 10
" Fair to Good.....	14 bu	2 00
Red Top.....	"	1 00
Blue Grass.....	"	2 50
Orchard Grass.....	"	2 50
Hungarian.....	45 bu	1 10
Millet, common.....	"	1 10
" German.....	"	1 20
Buckwheat.....	40 bu	1 00
Pearl, White Field.....	60 bu	1 25
Rye, Winter.....	56 bu	75
" Spring.....	"	1 00
Wheat, Spring.....	"	1 25
Barley.....	40 bu	1 50
Prices on Rape, Canary and all other seeds on application.		

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

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

All Field Seeds are spot Cash on receipt of goods.

W. T. LAMOREAUX, Agt.

ORDER A CASE OF

Leader Shorts. Leader Smoking

16c per pound.

15c per pound.

The Best in the World.

CLARK, JEWELL & CO.

OLNEY, SHIELDS & CO.,
WHOLESALE

CROCCERS,

And IMPORTERS OF TEAS.

Our Stock is complete in all branches. New, fresh and bought at latest declines and for cash.

We have specialties in TOBACCOS and CIGARS possessed by no other jobbers in the city.

SOLE AGENTS FOR

McAlpin's Peavey Plug.

The P. V. is the Finest Tobacco on the market.

ALSO SOLE AGENTS FOR

MENDEL & BROS.' Celebrated CIGARS,

Finer quality and lower prices than any handled in the market.

VISITING BUYERS ARE CORDIALLY INVITED TO CALL AND EXAMINE OUR STOCK, AND MAIL ORDERS WILL RECEIVE PROMPT AND CAREFUL ATTENTION.

5 and 7 Ionia Street,

Grand Rapids, Mich.

THE PENINSULAR.

Our New and Perfect Foot Power Button Attaching Machine.


17 Years' Lease, \$20.00.

FASTENERS,
Per great gross, \$1.00.

Dates of Patents.
February 24, 1885.
February 24, 1885.
October 13, 1885.

Mounted on a handsome table and ornamented base.

MANUFACTURED BY THE
Peninsular Novelty Co.
Boston, Mass.



Of great strength in all its parts.
Not likely to get out of order.
Gives plenty of room to handle the shoe.
The best machine for attaching buttons ever made.
Capacity greater than that of any other foot power machine.
Mounted on a handsome walnut table and ornamented base.

Leased for 17 years for \$20.

The Peninsular Fastener.

The Perfection of Metallic Fasteners.
Takes 1-3 more stock than the Ely.
Will hold in any weight stock.
Neat in appearance, the buttons being held close to the stock.
Fasteners cannot turn around on the shoe.
The point being turned in, cannot catch in the stocking or hurt the foot as fasteners whose points turn out all do.
Easy to change. Makes but two small holes in the leather.

Price, \$1 per great gross.

The Peninsular HAND Button Attaching Machine

THE PENINSULAR.

17 Years' Lease, \$2.00.

FASTENERS,
Per great gross, \$1.00.

Peninsular Novelty's Co.'s
New Hand Button Setting Instrument.

The race can be detached. 3 go with each instrument.
Save one-half the cost of fasteners by using the Peninsular.

G. R. Mayhew, Grand Rapids, Mich.

Patented Feb. 12, 1884.
Feb. 24, 1885.



A TICKET TO THE DRAWING —OF THE— GRAND OPERA HOUSE

WITH EVERY 400 CIGARS

WITH EVERY 400 CIGARS



TELFER & BROOKS,
Sole Agents,
46 Ottawa St., Grand Rapids, Mich.

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

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.

Drugs & Medicines

Explosives to be Met With at the Prescription Counter.*

The phenomenon which is classed under the head of explosion, is due to a violent and considerable expansion of matter. It is always accompanied by the production of sound, which is in proportion to the extent and suddenness of the expansion, and the amount of resistance to be overcome. Explosions may be produced by a very rapid conversion of a solid or liquid into a gas or vapor, through the action of heat, producing a sudden change in the state of matter. Heat is, therefore, the most important source of explosion. Explosions may be produced by the alteration in the state of matter, resulting simply from chemical change. Such changes may be affected very suddenly, and quite independently of any heat developed, the sudden expansion producing the effect of an explosion.

There are numerous instances of combinations of a very energetic character, between compound bodies, but few are accompanied by explosive results, the combination proceeding in a gradual manner. It depends upon the intensity of chemical affinity between bodies when brought together, whether a sufficiently sudden expansion of matter is produced to cause an explosion. If active, elementary bodies, such as bromine on the one hand, and potassium or iron on the other, are brought in contact, we find that a violent, rapid combination takes place. The intense heat, suddenly generated, which suffices to produce a powerful explosion, by the instantaneous generation of great volumes of vapor. In a few instances combination causes explosion. But many more explosions are the result of instantaneous or rapid decomposition of a chemical compound.

There are several classes of compounds remarkably unstable in their character, particularly among the organic bodies. There are a few inorganic compounds which are remarkably unstable, for instance, iodide of nitrogen, which is formed whenever iodine and ammonia are brought together. If quite dry a very slight touch will cause an explosion.

The combinations of mercury and also of silver with carbon, nitrogen and oxygen, are remarkably explosive. Explosive properties are manifested by various organic compounds, produced from non-explosive, organic substances, by the action of an acid remarkable for the amount of oxygen which it contains, and for the tendency which it has to impart that oxygen to other substances nitric acid, and thus producing from cotton gun cotton and nitromannite, by the action of this acid upon the sweet principal, from manna, beet root, parsnips or onions. Passing to explosions resulting from reaction upon each other of substances, not chemically combined, there are substances rich in oxygen, such as oxides of manganese and lead. These substances lightly part with their oxygen, so that bodies easily oxidizable, such as sulphur or phosphorus, or the sulphides of arsenic or antimony, when brought into intimate contact with these sources of oxygen, will produce explosive materials. Take, for instance, bin-oxide of lead with sulphur, or nitric or chloric acid in combination with metals such as potassium sodium, etc., to which explosive properties are given, by mingling them with oxidizable substances, such as resin or sulphur.

A great influence may be exerted upon the properties of an explosive mixture, by the degree of intimacy with which its components are mixed. The more perfect the mixture, the more powerful will be the explosion. Substances supplying oxygen in explosive mixtures, manifest equally important differences in their mode of action. Take, for example, nitrate of potash, and chlorate of potash mixed with ammonium phosphorous. The mixture with nitrate of potash burns brilliantly with the aid of heat. While the contact of phosphorous with the chlorate results in violent explosion, chlorate of potash is most readily acted upon. Sulphuric acid, decomposing the salt, transforms the chloric acid into dangerous compounds, and the resulting heat from the chemical changes thus effected by the acid in a small portion of the mixture of chlorate of potash with an oxidizable body, such as sugar or sulphide of antimony, if sufficient to ignite it, and the whole be almost instantly exploded.

Again, friction will readily ignite some of these mixtures, for example, by rubbing together in a mortar a few grains of chlorate of potash and sulphur, etc.

But a selection of explosive mixtures, such as are likely to be found at the prescription counter will be of most interest to the pharmacist. The following are a few of the leading ones:

1. Chlorate of potash, pow'd galls, tannic acid. Mix, for gargle. The powders should not be rubbed together, but mixed separately with the water.

2. Chlorate of potash, pow'd catechu. Mix, for dentifrice. It should not be dispensed alone. If other combinations are made, the danger is averted.

3. Chlorate of potash, hypophosphite of soda. If the salts are rubbed together, they will explode; but if dissolved separately in water and mixed, no harm results.

4. Chlorate of potash, tannic acid, glycerine, water. If the tannic acid, chlorate of potash and glycerine are rubbed together, an explosion ensues, but if the acid is first dissolved in the glycerine, and the chlorate

of potash in the water, and then mixed, no harm follows.

5. Chlorate of potash, Tr Ferri Chlor, glycerine, of each one-half ounce. In these proportions, if warmed, an explosion ensues.

6. Chlorate of potash, muriate of morphia. Great care must be taken in dispensing these together.

7. Chlorate of potash, muriate of ammonia. In tablets. Explosive when in tight containers.

8. Chlorate of potash, acid tannic. Mix. While rubbing these in a mortar, a clerk in Turner's drug store, at Frankford, Penn., was terribly injured in his face and hands, and his hair destroyed.

9. Chlorate of potash, prussiate of potash and sugar. When triturated together, are explosive.

10. Chlorate of potash, roll sulphur. When triturated together, are explosive.

11. Potassium permanganate, glycerine. This is one of the common mistakes. It almost certainly produces an explosion. Nevertheless, they may be combined. The glycerine may be very slowly and in very small quantities, added to the potash.

12. Potassium permanganate, alcohol, aqua, distill. This may be dispensed by adding the potash slowly to the alcohol and water, previously mixed, and by dispensing in a loosely-stoppered vial. But it is quite liable to explode.

13. Potassium permanganate, Ferri Redact. These ingredients took fire while mixing. On being again prepared by the addition of 45 grs. talc, reaction was prevented.

14. Potassium permanganate, morph acet. When rubbed together there was a rapid emission of sparks, followed by explosion and evolution of gas smelling like chlorine. Pure morphia and sulphate and chloride were attended with like results when used in the same combination.

15. Potassium permanganate, extract milk-foil. Mix and make pills. Is liable to inflame.

16. Potassium permanganate, peroxide manganese, pow'd oxalic acid. When triturated together, explode.

17. Potassium permanganate in concentrated solutions of alcohol is liable to explode.

18. Iodine, ammonia. Form a very powerful explosive agent when combined, unless some water is introduced into the mixture, which seems to retard the formation of nitrogen iodide, upon which the explosive properties seem to depend.

Hydrazine, ammonium, grains, twenty. Iodine, grains, fifteen, water, sufficient quantity, lard, one and a half ounces. The first two mixed and moistened with a few drops of water, begin to react upon each other with faint, explosive snaps.

20. Iodine, spirits turpentine. Iodine acts energetically upon turpentine, producing substitution products, etc., liberating hydrogen, which may take from the violence of the reaction.

21. Iodide of sulphur, sulphur, or hypochloride of sulphur. Is apt to explode if the bottle is only lightly tapped.

22. Iodine, half a dram, Linim Camph. Co., Linim Saponis, of each two ounces. Mix. This is said to have exploded, owing to the formation of nitrogen iodide.

23. Iodine, hydrarg ammoniati, alcohol. When alcohol is added to the white precipitate and iodine, a violent explosion takes place.

24. Tincture of iodine and ammonia are often prescribed together, the rarity of accidents from which is due to the fact that the iodide is not in a condition free from water.

25. Chloride or iodide of Nitrogen is formed by the addition of chlorine, or a chloride or iodine, or an iodide, to ammonia, and this compound is liable to violent explosion on coming into contact with phosphorous, iodine, arsenic, olive or cod liver oil, turpentine, etc.

26. Even the vapor of ammonia on coming into contact with iodine may produce an explosion. This may account for the accident which happened to Mr. F. J. Trautman, on July 27, 1870, who, having filtered a strong solution of iodine in iodide of potassium, left the filter to dry in the funnel till next morning. On taking it out, the paper and funnel were shattered to atoms, covering the walls and his body with stains of iodine.

27. A solution of Mercury Oxide with iodine and iodide potassium, after standing a few weeks, on being disturbed with a glass rod, violently exploded. Cause unknown.

28. The addition of nitrate of silver to essence of bitter almonds, to remove the Hydrocyanic Acid, has been followed by ignition.

29. Oxide of silver, morphia mur., ext. gentian. Above made into pills and silvered was furnished to a lady, who put the box into the bosom of her dress where it exploded three-quarters of an hour afterwards, severely injuring her, and setting fire to her dress.

30. Oxide and Nitrate of Silver when made into pills with Saccharine or other reducing agents, do not usually explode with violence, but cause the pills to swell up rapidly and fall to pieces.

31. Nitrate of Silver, Creosote. When rubbed together, is said to have violently exploded.

32. Oxide of silver, honey, licorice powder. Form an explosive compound.

33. Chromic acid. This is another agent which readily parts with its oxygen. Hence, the following prescription, for instance, is dangerously explosive. Acid chromic, 10 grains, glycerine, one dram. But even in this case quiet combination may be effected by adding the glycerine slowly, drop by drop, to the acid, and rubbing very slowly. But as the product will not be what the physician intended it should not be put up.

34. Potassium bichrom, Spts, ether, Nit. Is said to have been prescribed and produced an explosive mixture.

35. Potassium bichrom in alcohol may ignite the latter.

36. Potassium bichrom, sulphuric acid. This well-known battery liquid, we are informed, has, in several instances, caused an explosion and destruction of battery.

37. Acid nitric, acid muriate, tinct. nux vomica, of each two drams. Mix. This exploded after several hours.

38. Acid Nitro, Mur., one ounce, tinct. Curd. Co., half ounce. This combination was the cause of serious personal injury.

39. Nitric acid, spts, camphor. Mix. Explodes in from 1/2 to 48 hours.

[Concluded next week.]

Says He Didn't Say So.

GRAND RAPIDS, March 9, 1886.

Editor MICHIGAN TRADESMAN:

DEAR SIR—I think your reporter did not fully understand a remark I made at the last meeting of the Grand Rapids Pharmaceutical Society. What I said was, that "too many \$3 coughs" were cured with "free sample bottles." And I never advocated the throwing out of ten cent samples. I do not wish to put myself on record as being opposed to the public getting their doctoring done as cheaply as possible; but I do say that when a family undertakes to carry a person through six months of consumption wholly on free samples obtained by sending the old man and Bill and John and Sam and Mary and Jane and the hired girl, etc., to the drug store for a free sample every two days, the thing gets to be a most confined and beautiful nuisance. And Mr. Editor, the thing has been done right here in Grand Rapids more than a few times. We purchased one-half dozen of a certain patent medicine a year ago. That same medicine is given away in samples and we have the one-half dozen yet on hand, although it is well advertised. Comment is superfluous. Respectfully,

O. H. RICHMOND.

Had Forgotten the Combination.

A wealthy citizen had been out until the small hours with convivial companions, and he arrived home slightly exhilarated. He managed, by describing several erratic rather than geometrical lines, to get to his bedroom and into a chair. Then he called to his wife in a stage whisper:

"I can't get my boots off."

"What's the matter with your boots?"

"Nozin," in a faint whisper.

"What's the matter with your hands, then?"

"Nozin."

"Why don't you pull your boots off, then?"

"Maria, I've forgot the combination!"

State Board of Pharmacy.

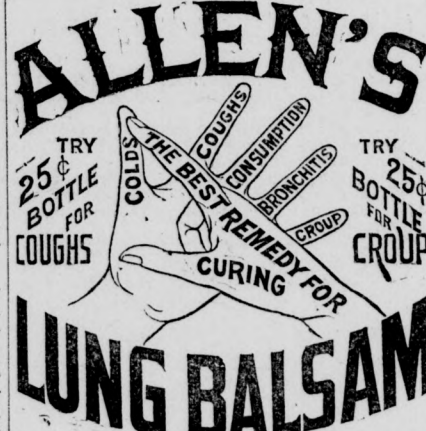
The next meeting of the State Board of Pharmacy, for the examination of applicants for registration, will be held in July, but the place of meeting has not yet been determined. If there are a large number of applications from Northern Michigan, the meeting may be held in that section of the State; but if only a few applications are received from that part of the State, one member of the Board will probably be delegated to hold an examination at some convenient point, while the remainder of the Board hold the principal examination at a more central location in Eastern and Southern Michigan.

STEAM LAUNDRY

43 and 45 Kent Street.
STANLEY N. ALLEN, Proprietor.

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

Orders by Mail and Express promptly attended to.



ALLEN'S
TRY
25¢ BOTTLE FOR
COUGHS
TRY
25¢ BOTTLE FOR
CROUP

LUNG BALM

Prices, 25c, 50c and \$1 per bottle; \$1.75, \$3.50, \$7 per doz.

A JUSTLY CELEBRATED REMEDY.

Perry Davis' Pain Killer!

TAKEN INTERNALLY relieves the most acute Pains instantly, affording relief and comfort to the patient suffering from Pains and Cramps in the Stomach, Rheumatic or Neuralgic Pains in any part of the system, and in Bowel Complaints it is a sovereign remedy. USED EXTERNALLY it is equally efficacious, and as a Liniment, nothing gives quicker ease in Burns, Cuts, Bruises, Sprains, Stings from insects, and Scalds.

Directions accompany each bottle.

Price, 25c, 50c and \$1 per bottle.

Sold by all druggists. Trade supplied by HAZELTINE & PERKINS DRUG CO.

MICHIGAN

DRUG

EXCHANGE,

Mills & Goodman, Props.

GRAND RAPIDS, MICH.

WANTED to buy a stock of from \$1,000 to \$2,000 in or near Grand Rapids.

WANTED—Situations by registered pharmacists and assistants. Also situation by young man of some experience but not registered. Will work for very small salary. Can furnish good references.

FOR SALE—We have on sale stocks of from \$500 to \$5,000 value in almost any part of state. Stocks for sale on easy terms.

SMALL STOCK of about \$500 with building and lot in Grand Rapids will exchange for real estate in some small town.

STOCK of about \$5,000 in midst of splendid farming region doing business of \$15,000 per annum for sale on very reasonable terms.

WANTED TO EXCHANGE—Real estate, village and farming, for drug stocks.

WE HAVE also many other stocks for sale, the particulars of which we shall be pleased to furnish on application.

Michigan Drug Exchange.

WHOLESALE PRICE CURRENT.

Advanced—Nothing.
Declined—Flint glass ware.

ACIDS.

Acetic, No. 8	9 @ 10
Acetic, C. P. (Sp. grav. 1.040)	34 @ 35
Carbolic	85 @ 90
Citric	3 @ 5
Muriatic 18 deg.	11 @ 12
Nitric 36 deg.	10 @ 12
Sulphuric	10 @ 12
Tartaric powdered	52 @ 55
Benzoic, English	12 @ 15
Benzoic, German	12 @ 15
Tannic	12 @ 15

AMMONIA.

Carbonate	14 @ 16
Muriate (Powd. 22c)	14 @ 16
Aqua 16 deg or 3f	3 @ 5
Aqua 18 deg or 4f	4 @ 6

BALSAMS.

Copaiba	40 @ 45
Fir	17 @ 15
Tolu	45 @

BAKES.

Cassia, in mats (Pow'd 20c)	11 @
Cinchona, yellow	18 @
Elm, select	13 @
Elm, ground, pure	14 @
Elm, powdered, pure	15 @
Sassafras, of root	10 @
Wild Cherry, select	12 @
Bayberry powdered	18 @
Hemlock powdered	30 @
Wahoo	30 @
Soap ground	12 @

BERBERIES.

Cubeb prime (Pow'd 95c)	6 @ 90
Juniper	5 @ 7
Prickly Ash	50 @ 60

EXTRACTS.

Licorice (10 and 25 lb boxes, 25c)	27 @
Licorice, powdered, pure	37 @
Logwood, bulk (25 and 50 lb boxes)	12 @
Logwood, 18 (25 lb boxes)	13 @
Logwood, 1/2 lb do	13 @
Logwood, 1/4 lb do	15 @
Logwood, ass'd do	14 @
Fluid Extracts—25 cent. off list.	

FLOWERS.

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

GUMS.

Aloe, Barbadoes	60 @ 75
Aloe, Cape (Pow'd 20c)	12 @
Aloe, Socotrine (Pow'd 60c)	25 @ 30
Ammoniac	90 @
Arabic, powdered select	90 @
Arabic, 1st picked	90 @
Arabic, 2d picked	80 @
Arabic, 3d picked	75 @
Arabic, sifted sorts	55 @
Assafoetida, prime (Pow'd 35c)	20 @
Benzoil	55 @ 60
Camphor	25 @ 30
Catechu, 18 (25 lb boxes)	35 @ 40
Euphorbium powdered	80 @
Galbanum strained	80 @
Gamboge	35 @
Kino (Powdered, 30c)	20 @
Mastic	125 @
Myrrh, Turkish (Powdered 47c)	40 @
Opium, pure (Pow'd \$4.75)	3 @ 20
Serrieh, Campbell's	25 @
Shellac, English	25 @
Shellac, native	25 @
Shellac bleached	30 @ 100
Tragacanth	30 @ 100

HERBS—IN OUNCE PACKAGES.

Hoarhound	25 @
Peppermint	25 @
Rue	40 @
Sage	25 @
Sweet Majoram	25 @
Tanzy	25 @
Thyme	30 @
Wormwood	25 @

IRON.

Citrate and Quinine	4 00
Solution mur., for tinctures	20 @
Sulphate, pure crystal	7 @
Phosphate	65 @

LEAVES.

Buchu, short (Pow'd 25c)	13 @ 14
Sage, Italian, bulk (1/2 and 1/4 lb)	30 @ 33
Senna, Alex, natural	40 @
Senna, Alex, sifted and garbled	40 @
Senna, powdered	20 @
Senna, tincture	20 @
Uva Ursi	25 @
Belleadonna	35 @
Foxglove	35 @
Honlamb	35 @
Rose, red	2 35

LIQUORS.

W. D. & Co.'s Sour Mash Whisky	2 00 @ 2 50
Druggists' Favorite Rye	1 75 @ 2 00
Whisky, other brands	1 10 @ 1 50
Gin, Old Tom	1 00 @ 1 25
Gin, Holland	1 00 @ 1 25
Brandy	1 75 @ 2 00
Catawba Wines	1 25 @ 2 00
Port Wines	1 35 @ 2 50

MAGNESIA.

Carbonate, Patterson's, 2 oz.	32 @
Carbonate, Jennings's, 2 oz.	27 @
Chloride, H. P. & Co.'s	25 @
Calcined	65 @

OILS.

Almond, sweet	45 @ 50
Amber, rectified	45 @
Anise	2 00 @
Bay oil	3 50 @
Bergamont	3 25 @
Castor	17 1/2 @
Croton	1 75 @
Cajeput	1 75 @
Cassia	35 @
Cinnamon	35 @
Citronella	75 @
Cloves	1 25 @
Cod Liver, N. F.	1 20 @
Cod Liver, best (Pow'd 1/2 lb)	6 00 @
Cod Liver, P. & W.	8 50 @
Erigeron	1 00 @
Geranium	2 00 @
Hemlock, commercial (Pure 75c)	35 @
Juniper wood	2 00 @
Juniper, pure	2 01 @
Lavender flowers	1 00 @
Lavender garden	1 00 @
Lavender spike	3 00 @
Lemon, new crop	3 50 @
Lemon, Sanderson's	3 50 @
Lemongrass	80 @
Olive, Malaga	2 75 @
Olive, "Sublime Italian"	2 75 @
Origanum, red flowers, French	1 25 @
Origanum, No. 1	1 30 @
Pennyroyal	4 50 @
Peppermint, white	8 00 @
Rose oil	2 75 @
Rosmary, French (Flowers \$1.50)	1 00 @
Salad, 1/2 gal.	1 00 @
Savin	4 50 @
Sandal Wood, German	7 00 @
Sassafras, W. I.	55 @
Spearmin	2 00 @
Tansy	4 00 @
Tar (by gal 50c)	10 @ 12
Wintergreen	3 50 @
Wormwood, No. 1 (Pure \$4.00)	2 00 @
Wormseed	2 00 @

POTASSIUM.

Bicromate	12 @ 14
Bromide, cryst. and gran. bulk	40 @ 43
Chlorate, cryst. (Pow'd 25c)	22 @
Iodide, cryst. and gran. bulk	3 00 @
Prussiate yellow	28 @

ROOTS.

Alkanet	20 @
Arrow	17 @
Arrow, Taylor's, in 1/2 and 1/4 lb	32 @
Blood (Pow'd 18c)	13 @
Calamus, peeled	20 @
Elecampane, powdered	30 @
Gentian (Pow'd 15c)	11 @ 12
Ginger, African (Pow'd 14c)	12 @
Gold Seal, powdered	20 @
Heliochryse, white, powdered	1 20 @
Ipecac, powdered	30 @
Jalap, powdered	30 @
Licorice, select	20 @
Licorice, extra select	20 @
Pink, true	85 @
Rhei, from select to choice	1 10 @ 1 50
Rhei, powdered	1 10 @
Rhei, choice cut cubes	2 00 @
Rhei, choice cut fingers	2 25 @

Serpentaria	65 @
Sassafras, Honduras	60 @
Sassafras, Mexican	20 @
Squills, white (Pow'd 35c)	15 @
Valerian, English (Pow'd 30c)	25 @
Valerian, Vermont (Pow'd 28c)	30 @

SEEDS.

Anise, Italian (Pow'd 30c)	15 @
Bird, mixed in lb packages	5 @ 6
Canary, Smyrna	4 @ 4 1/2
Cardamom, best Dutch (Pow'd 20c)	15 @ 16
Cardamom, Aleppo	1 1/2 @
Cardamom, Malabar	1 75 @
Celery	15 @
Coriander, best English	10 @
Fennel	10 @
Flax, clean	3 1/2 @
Flax, pure grd (bbl 3 1/2)	4 @ 4 1/2
Foenugreek, powdered	7 @ 8
Hemp, Russian	5 1/2 @
Mustard, white Black 10c	3 1/2 @
Quince	7 @

The Michigan Tradesman.

A MERCANTILE JOURNAL, PUBLISHED EACH WEDNESDAY.

E. A. STOWE & BRO., Proprietors.

Office in Eagle Building, 49 Lyon St., 3d Floor.
Telephone No. 95.

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WEDNESDAY, MARCH 17, 1886.

History of a Bank Check.

A number of gentlemen were talking in this place about the complications that had been brought about by the failure of the Middletown bank, the affairs of which after a year and a half's efforts to straighten out are still in an entangled condition, says a Goshen dispatch to the New York Times. The conversation led to the relation of the following story of singular accidents that had interfered to save the little fortune of an orphan girl, whose money was to have been invested in Middletown bank shares:

The money was a trust in the hands of an uncle of the girl. It had previously been invested in bond and mortgage, which had matured and been paid. The girl was about to be married and she wanted her money, which amounted to \$4,000, invested in some good security. The Middletown bank stock was then held at \$125 a share, and was the favorite investment in that part of the country. The trustee of the girl's money wrote to a friend who lived near Middletown and asked him if he could secure \$4,000 worth of stock in the Middletown bank. The friend replied that he thought he would be able to do so just at that time, as several estates which held stock were selling it in order to settle up their affairs. The girl's uncle procured a certified check for \$4,000 and enclosed it in a letter addressed to his friend at Middletown. He had to ride two miles to the village postoffice, and when he arrived there it was closed for the night. He put his hand in his pocket, took out the letter, as he supposed, and dropped it in the mail-box at the postoffice and drove home. He waited a week without hearing from his friend. He wrote a second time, inquiring as to the success which his friend had met in getting the bank shares, and, as a matter of form, asked if the certified check had been received all right. A letter from Middletown by return mail assured the trustee that no such check had come to hand. He went to his postoffice and made inquiry of the postmaster about the letter, the amount of business done at the office making it an easy matter for the postmaster to remember what mail had passed through his hands during at least a month's time. He said he had not seen any letter addressed to the Middletown gentleman, for he knew him well and would have remembered it. The writer of the missing letter gave the postmaster the day, date and hour when the letter had been placed in the postoffice.

"Ah!" said the postmaster, "then I'll bet that the blank envelope containing a circular was the letter you dropped in the office. I found one in the box the morning after the night you say you mailed your letter."

The postmaster found the blank envelope and circular. The writer of the letter recognized it as one that had been handed to him by a boy on Broadway, New York, one day while he was in the city, and which he had mechanically placed in his pocket. He then concluded that he must have dropped the letter containing the check on his way from home to the postoffice the night he supposed he had mailed it, and in the darkness had placed the blank envelope in the mail box. He hurried home, and looking in the buggy he had used that night, found the missing letter in the boot, with the check safe. He placed the letter in an inner pocket of his coat and went about doing up his regular chores at the barn and at the house. He intended to write a second letter and mail it that evening, but while he was at work a number of friends drove up to spend the remainder of the day at the farm and he went to the house with them. Before they arrived he had taken off his coat and hung it up in the wagon house. When he went to the house he left the coat hanging there, with the letter in the pocket, having forgotten it for the time.

He did not get to the village that evening, and the first thing next morning he wrote the second letter to his friend. He went to the wagon house to get the certified check out of the letter in his coat pocket, and was startled to discover that the coat had disappeared from the place where he had hung it. A thorough search failed to reveal where it was, and none of the family had seen it. The conclusion that the coat had been stolen by a tramp was arrived at. Neither coat nor check was ever seen again. Payment on the check was stopped at once, and in the course of two weeks another certified check for the same amount was issued by the bank, which was a city bank.

A day or two after the receipt of the check the trustee of the fund started for Middletown to deliver the check to his friend in person. On his way to the railway station he was taken suddenly ill. He was obliged to return home, and was unable to transact any business for over a week. As soon as he could get around again he put the check in his pocket and went to Middletown to pay for the bank stock. He went directly to the bank and found an excited crowd in the vicinity. The news that he heard almost made him faint. The bank in whose stock he was about to invest his niece's little fortune had closed its doors and was hopelessly bankrupt. He went back home, thoroughly convinced that for some reason or other Providence had interfered with his intention on behalf of his ward.

JENNINGS' Flavoring Extracts!

MANUFACTURED BY

JENNINGS & SMITH,

Props. Arctic Manufacturing Co.,
GRAND RAPIDS, MICH.

PUTNAM & BROOKS
Wholesale Manufacturers of
PURE CANDY!

ORANGES, LEMONS,
BANANAS, FIGS, DATES,
Nuts, Etc.



Every can wrapped in colored tissue paper with signature and stamp on each can.

P. STEKETEE & SONS,

JOBBER IN

DRY GOODS,

88 Monroe St.,

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

GRAND RAPIDS, MICH.

Peerless Carpet Warps and Geese Feathers a Specialty.

F. J. DETTENTHALER,

JOBBER OF

OYSTERS & FISH,

BUTTER AND EGGS,

CONSIGNMENTS SOLICITED,

117 MONROE ST., - GRAND RAPIDS, MICH.

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.

MIKADO

ROASTED COFFEE,

IN 1 POUND PACKAGES.

A GOOD COMMON RIO COFFEE,

Packed in Attractive Shape in 1 lb. Packages Only.

Price, 10 1-4 c per lb. Send for Sample.

W. J. QUAN & CO.

CHICAGO, ILL.

Are You Going to
Shelve a Store, Pan-
try or Closet?



Torrance & Co., Troy, N. Y.

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.

HALF A MILLION GARDENS
ARE ANNUALLY SUPPLIED WITH
SEEDS *Peter Henderson's* **PLANTS**
EVERYTHING FOR THE GARDEN
Our Seed Warehouses, the largest in New York, are fitted up with every appliance for the prompt and careful filling of orders.
Our Green-house Establishment at Jersey City is the most extensive in America. Annual Sales, 2 1/2 Million Plants.
Our Catalogue for 1886, of 140 pages, containing colored plates, descriptions and illustrations of the NEWEST, BEST and RAREST SEEDS and PLANTS, will be mailed on receipt of 6 cts. (in stamps) to cover postage.
PETER HENDERSON & CO. 35 & 37 Cortlandt St., NEW YORK.

The Michigan Tradesman.

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

INSURANCE POLICY—ACCIDENT—RECOVERY.

In a case recently decided by the Supreme Court of New Mexico, Rodey vs. Traveler's Insurance Co., the plaintiff recovered under an accident insurance policy for an injury to the ear which happened to him while diving for sport.

FORGERY OF CHECK—CONVICTION.

The Kentucky Court of Appeals held, in the case of Rawlins vs. Commonwealth, that in order to sustain a conviction for forging a check, it must be averred and proved that the bank upon which the check was forged was an authorized one by the law of the State, or of the United States, or of some foreign government.

SAVINGS BANK—REFUND OF TAXES.

A savings bank cannot maintain a suit to recover taxes illegally collected unless a claim for abatement or refunding of the amount claimed has been presented to the commissioner of internal revenue within two years after the claim accrued, as required by section 3,228 of the Revised Statutes. So held by the Supreme Court of the United States in the case of Kings County Savings Institution vs. Blair.

GUARANTY—ACCEPTANCE—NOTICE.

In a case decided by the Kentucky Superior Court, it appeared that a firm addressed a letter to the appellants offering to take certain pianos on consignment on certain conditions, and appellee by indorsement on the letter guaranteed to appellants the faithful performance of the agreements therein mentioned. Under the circumstances the court held that the appellee was entitled to notice of the acceptance of the proposition contained in the letter and of his offer as guaranty, and not having had such notice was not liable, his connection with the transaction not being of such a character as to charge him with notice that the guaranty was accepted.

NOTE PAYABLE IN MERCHANDISE—LIABILITY OF MAKER.

A dealer in certain articles of merchandise executed a note payable in these articles at his place of business on a certain day. He kept on hand at his place of business sufficient of those articles to pay the note, but the note was not presented on the day when it became due, nor was the holder present to receive the property. Upon an action brought to recover the amount of the note in money, the Supreme Court of Minnesota held that the readiness of the maker of the note to perform was a good defense, and that it was not necessary that the maker on due day should have segregated from his general stock sufficient of the articles to pay the note and set them apart as the property of the holder.

JOINT GUARANTY—CONTINUING LIABILITY.

Three directors of a company gave a joint guaranty to certain bankers to secure the repayment of an overdraft of the company. Afterwards the company was newly constituted and its name was changed. Subsequently one of the guarantors died, but the bank went on making advances, and the two survivors gave no notice that they would not be any longer responsible. Finally the remaining sureties were sued on the guaranty. The English Court of Appeals held that the guarantors were liable, and that under the circumstances the liability first assumed by them continued, notwithstanding the death of their associate and the change in the name and constitution of the company.

Boston Dairy Market.

Receipts of butter continue light and fresh grades are distributed about as fast as ordered. Well kept held stock is nearly all sold out, and most of what remains is more or less "off" in quality. With the exception of very low grades the market is in a sound condition, and when the decline sets in—which will be just as soon as the weather grows warmer—it will be gradual and cause no loss to anybody.

Trade in cheese has been slow, although the market remains steady. Buyers are operating only in a small way. Although several round lots have recently been shipped from Boston to Liverpool, the advices from the other side are not encouraging, and quotations show no margin of profit. The market may take a change for the better before new cheese comes to hand, but the outlook at present is not promising.

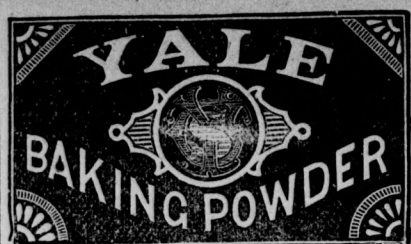
New York Dairy Market.

Butter continues in buyers' favor. The arrival of new milk creamery has relieved the market from the lack of quality, and easier prices are looked for. Choice to fancy creamery is held at 26@33c, while fancy dairy commands 24@26c.

The export demand for cheese is limited and exporters will not buy excepting at concessions. The home trade continues to buy sparingly, but the volume is fair for this time of the year. Choice full cream is in moderate demand at 9 1/4 @ 10c.

Freeport anxiously awaits an enterprise in the shape of a creamery or cheese factory.

Rice & Kingsley succeed C. C. Sweet in the hardware, dry goods and grocery business at St. Joseph.



FRED. D. YALE & CO.

SUCCESSORS TO CHAS. S. YALE & BRO.,

WHOLESALE MANUFACTURERS OF Baking Powders, Extracts, Blinnings,

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.



For easy ironing use "Electric Lustr Starch." It is all prepared for immediate use in One Pound Packages, which go as far as two pounds of any other Starch.

Ask your Grocer for it.

The Electric Lustr Starch Co.

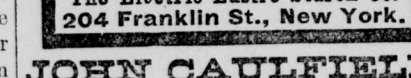
204 Franklin St., New York.

JOHN CAULFIELD

Wholesale Agent,

GRAND RAPIDS, MICH.

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.

Only 35 Cents.

So confident are we that Dr. Pete's 35 cent Cough Cure will not disappoint the most sanguine expectations of a single broken-down consumptive invalid that we warrant it. Had we not the most perfect confidence in its virtues, we would not think of offering it as we do. Sold by Hazeltine, Perkins & Co., wholesale druggists, Grand Rapids, Mich.

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,

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ALLEN B. WRISLEY

479, 481 and 483 Fifth Ave., Chicago, Ill.

MANUFACTURER OF

Laundry and Toilet Soaps and Florentine Perfumes.

The Best Laundry Soaps at the Lowest Prices of any Manufacturer on this Continent.

OLD COUNTRY SOAP

Is now made the BEST, CHEAPEST and PUREST ONE POUND bar of Laundry Soap, for all household purposes, in the market. It is a steam-pressed cake, that just fits the hand, the best shape for use and wear, and always WASHES the CLOTHES CLEAN, SWEET and WHITE, leaving the HANDS SOFT and SMOOTH.

Packed 80 BARS--80 POUNDS--in a Box. Now sold at 4 1-2 cents per POUND BAR---\$3.60 PER BOX. 5 to 10 box lots delivered to your railroad station FREE OF FREIGHT.

N. B.--I make as COMPLETE a line of LAUNDRY SOAPS as any manufacturer on earth.

CODY, BALL & CO.,

Wholesale Agents, Grand Rapids, Mich.

F. J. LAMB & CO.,

WHOLESALE DEALERS IN

Fruits, Vegetables,

Butter, Eggs, Cheese, Etc.

Wholesale Agents for the Lima Egg Crates and Fillers.

8 and 10 Ionia St., Grand Rapids, Mich.

SPRING & COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

DRY GOODS,

CARPETS,

MATTINGS,

OIL CLOTHS

ETC., ETC.

6 and 8 Monroe Street,

Grand Rapids,

Michigan.

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.

THE LEADING BRANDS OF TOBACCO

Offered in this Market are as follows:

PLUC TOBACCO.

RED FOX	42
BIG DRIVE	44
PATROL	40
JACK RABBIT	36
SILVER COIN	42
PANIC	42
BLACK PRINCE, DARK	35
BIG STUMP	36
APPLE JACK	44

2c less in orders for 100 pounds of any one brand.

FINE CUT.

THE MEIGS FINE CUT, DARK, Plug flavor	62
STUNNER, DARK	35
RED BIRD, BRIGHT	48
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.

A. Kuppenheimer is the only Manufacturer of the Celebrated O-WASH-TA-NONG BOAT CLUB CIGAR, Equal to Imported.

OUT AROUND.

News and Gossip Furnished by Our Own Correspondents.

Traverse City.

Perkett & Lardie are buying all the potatoes brought to town.

The increase of business has caused the Traverse City Manufacturing Co. to purchase a new 62-inch saw.

Mrs. A. M. Davis has returned from her Washington trip and resumed her position with Hamilton & Milliken.

T. R. Bentley has taken down the old Asylum boarding house, and moved the material to the Traverse City Manufacturing Co.'s grounds, where he will erect a storage house, 20x80.

The Traverse City Driving Club was incorporated last week with a capital stock of \$3,000, divided into shares of \$10 each. Fifteen hundred dollars has already been subscribed.

Hamilton & Milliken have secured the services of Miss Clara Campbell, in the ladies' department, and B. H. Bracken, of Allegan, in the clothing department.

The make-up of Traverse City sand, and that lying beneath it, will be fully described by Prof. Winchell in his lecture, March 19.

Lake City.

S. H. Bird fills the vacancy at Sampson & Drury's store, caused by the departure of the former clerk.

Wood & Walton have put up a stock of ice and will keep Lake City cool next summer.

Geo. Morrison is putting up a store adjacent to his present building and will lease it to Theodore Fohl for a harness shop.

H. J. McMillan will bank nearly 20,000,000 feet of pine this winter. He has several canes.

It is currently reported that the C. & N. E. Railway, which now terminates here, will be extended as soon as the frost leaves the ground. The road has now a large patronage and its advantages have already given business here a new impetus, in consequence of which Lake City is experiencing the biggest boom in its history.

Big Rapids.

The boot and shoe store of Timothy Edmonds was closed Friday by W. D. Robinson, of Detroit, who holds a judgment of \$700 against Edmonds. Magraw, of Detroit, also holds a chattel mortgage of \$800 on the stock. The invoice is not yet completed, but will probably amount to \$2,200. Dealing in too many horses, with Tom, Dick and your wife to run your business, is the main reason for the present state of affairs.

The grocery store of M. B. Wiseman was closed Friday by a Grand Rapids party who held a second mortgage; but J. W. Wiseman fixed it up. Glidden & Marsh held a first mortgage of \$500 to secure creditors.

F. L. Slater, of Three Rivers, has rented J. Laduke's vacant store and will open a jewelry and music store, holding auction sales every Saturday. His goods were placed in the store Saturday.

Wm. Judson purchased only a one-third interest in the banking business of F. Fairman, instead of one-half, as was previously stated. Mr. Fairman gave his son, George, a one-third interest, and retains a one-third interest. He makes the change in order to be partially relieved from the close confinement to business.

Geo. W. Crawford started up his sash and blind factory last week, and during the summer will employ a large force of men.

Cadillac.

O. Webster, of the firm of F. A. Clay & Co., has gone to Pt. Au Frein to take measurements for belting their new circular mill at that place. They expect to begin manufacturing lumber early next month.

Geo. Deitz has sold his property here to J. A. Smith, and started for Florida Monday. George has been one of our most popular business men, and his departure is deeply regretted.

The butter and egg store was closed this week, and the proprietor, W. H. Otis, has moved Northward.

Vet Stevens has sold his interest in the restaurant business, and contemplates starting another.

Bellevue.

The residence of F. W. Bohmankamp, a well-to-do farmer in Forest Home township, was destroyed by fire with all its contents, including \$40 in currency, on the 10th. Mr. Bohmankamp was away from home at the time. Mrs. Bohmankamp got the children out, and in trying to get the money was quite severely burned. Cause of the fire, stove pipe running through the roof. No insurance.

Henry Richard, one of the firm of Richard & Bechtoldt, goes next week to Valparaiso, Ind., to attend the State Normal School, pursuing a course of study in the mechanic arts.

Newaygo.

M. S. Angell is papering and otherwise fixing up his vacant store building on State street. A firm from Cedar Springs expect soon to occupy it.

VISITING BUYERS.

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

H. M. Harroun, McLane.
H. W. Potter, Jennisonville.
J. DeGraft, Zeeland.
Rose Bros., Allendale.
Gus Begman, Bauer.
R. Purdy, Fremont.
Henry Henkel, Howard City.
Mr. France, France & Huhn, Saranac.
B. Dickerson, Bellevue.
H. W. Marsh, Hobart.
E. E. Hewett, Hewett & Teft, Rockford.
Arthur Cheesbrough, Reigler, Roush & Co., Freepont.
N. De Vries, Jamestown.
Jno. Gunstra, Lamont.
Jas Murray, Cadillac.
D. W. Shattuck, Wayland.
J. Grutter, Grandville.
J. J. Wiseman, Nunica.
W. J. Clark, Harbor Springs.
Walter Struik, Forest Grove.
Henry DeKline, Jamestown.
P. C. Stone, Cedar Springs.
S. T. McLellan, Dennison.
O. D. Chapman, Stanwood.
Geo. A. Sage, Rockford.
Wm. Rowe & Co., Manistee.
Sisson & Lilley Lumber Co., Lilley.
W. B. Wilson, Muskegon.
J. B. Watson, Coopersville.
B. E. West & Co., Lowell.
Nagler & Beeler, Caledonia.
Severance & Rich, Middleville.
Jas. Campbell, Westwood.
A. L. Dennis, New Era.
C. E. Coburn, Pierson.
M. N. Parris, Kent City.

The Strobbridge Lithographing Co.'s large calendar for this year is fully up to the elaborate *souvenirs* of previous years in point of artistic excellence. THE TRADESMAN is indebted to State Agent Maybury for a copy of the work.

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 payment.

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—Cheap and on terms to suit, store with dwelling attached, in the liveliest manufacturing town of 2,000 population in the State. Splendid opening for grocery or drug store. Only one drug store in the place. Will not rent. For terms, etc., address J. W. Herick, Muskegon, Mich. 135*

FOR SALE—General stock, comprising lines of dry goods, groceries, boots and shoes, hardware, drugs, etc. Owner is postmaster, at salary of \$300 per year. Am doing a good paying business, but compelled to close out at sacrifice, on account of ill-health. Address R. B. Jennings, New Troy, Mich. 135*

FOR SALE—Drug store at a bargain. Address C. L. Brundage, 79 W. Western ave., Muskegon, Mich. 135*

FOR SALE—I wish to engage in a special line of business and offer for sale half interest in the general merchandise store at Richland, Mich. Wm. B. Tyler, Richland, Mich. 130*

FOR SALE—Drug store and house and lot. For further particulars inquire of or address Box 172, Muskegon, Mich. 132*

PARTNER WANTED—A grocery merchant with fifteen years' experience and doing a business of \$20,000 per year in one of the best towns in Northern Michigan desires a partner with \$2,000 capital. For particulars, address C. B., care THE TRADESMAN. 132*

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

COUNTRY PRODUCE.

Apples—Choice winter fruit is in fair demand at \$1.75.

Beans—Local buyers pay 50¢@75¢ bu. for unpicked and hold ordinary hand-picked for \$1.10@1.20.

Butter—Michigan creamery is easy at 28¢@30. Sweet dairy is in fair demand and firm at 16, while old is dull at 15¢.

Butterine—Creamery packed commands 20¢. Dairy rolls are held at 14¢@15¢ and solid packed at 12¢@14¢.

Cabbages—In fair demand at \$8@10 bu. 100.

Cheese—The best grades of October and November make are selling at 11¢@12¢.

Cider—8¢ gal. and \$1 for bbl.

Celery—25¢ doz. bunches for Kalamazoo or Otsego, and scarce.

Cranberries—The Michigan crop is about played out. New Jersey berries are slow sale at \$2 per bu. box, and Wisconsin Bell and Cherry berries are in occasional demand at \$5 per bbl.

Dried Apples—Quartered and sliced, 3¢@3½¢.

Evaporated, 6½¢@7¢, according to quality.

Dried Peaches—Pared, 15¢.

Eggs—Weak and supply largely in excess of demand. Jobbers are paying 9¢@10¢, and holding at about 11¢.

Honey—Choice is new in comb firm at 14¢.

Hay—Baled is active and firm at \$15 per ton in two and five ton lots and \$13 in car lots.

Hops—Brewers pay 8¢@10¢ bu.

Lettuce—25¢ bu.

Onions—Home-grown, 75¢ bu. or \$2.25 per bbl. and old 30¢ bu.

Pop Corn—Choice new commands 2½¢ per bu. and old 30¢ bu.

Potatoes—Buyers are paying 35¢ for Rose or Burleighs.

Pieplant—8¢ bu.

Poultry—Scarce and high. Fowls sell for 10¢@10½¢; chickens, 11¢@11½¢; ducks, 12¢; and turkeys, 12¢.

Squash—Out of market.

Sweet Potatoes—Kiln dried Jerseys, \$4 per bbl. Turnips—25¢ bu.

GRAINS AND MILLING PRODUCTS.

Wheat—No change. The city millers pay as follows: Lancaster, 88; Pulse, 85¢; Clawson, 85¢.

Corn—Jobbing generally at 44¢@45¢ in 100 bu. lots and 38¢@40¢ in car lots.

Oats—White, 38¢ in small lots and 33¢@35¢ in car lots.

Rye—48¢@50¢ bu.

Barley—Brewers pay \$1.25 per cwt.

Flour—No change. Fancy Patent, \$5.50 per bbl. in sacks and \$5.75 in wood. Straight, \$4.60 per bbl. in sacks and \$4.80 in wood.

Mead—Boiled, \$2.75 per bbl.

Mill Feed—Screenings, \$15 per ton. Bran, \$15 per ton. Ships, \$16 per ton. Middlings, \$16 per ton. Corn and Oats, \$18 per ton.

FRESH MEATS.

John Mohrhard quotes the trade selling prices as follows:

Fresh Beef, sides..... 5 @ 7

Fresh Beef, hind quarters..... 6½ @ 7½

Dressed Hogs..... 5½ @ 5¾

Mutton, carcasses..... 6 @ 6½

Veal..... 8 @ 9

Pork Sausage..... 7 @ 7½

Bologna..... 6½ @ 7

Fowls..... 10 @ 10½

Spring Chickens..... 11 @ 11½

Ducks..... 12 @ 12½

Turkeys..... 12 @ 12½



FOX & BRADFORD,
WHOLESALE

TOBACCONISTS!

FULL LINE OF ALL STAPLE
PLUGS KEPT IN STOCK.

Sole Agents for Celebrated
F. & B. Boquet, Spanish Fly,
Pantilla, Rosa De Oro, Amer-
ican Club, Jim Fox
Clipper, Moxie.

76 South Division St., Grand Rapids, Mich.
Exclusively Wholesale.

BULKLEY, LEMON & HOOPS,

Importers and

Wholesale Grocers.

Sole Agents for

Daniel Scotten & Co.'s "HIAWATHA"
Plug Tobacco.

Lautz. Bros. & Co.'s SOAPS.

Niagara STARCH.

Dwinell, Howard & Co.'s Royal Mocha and Java.
Royal Java.
Golden Santos.

Thompson & Taylor Spice Co.'s "Mag-
nolia" Package Coffee.

SOLE PROPRIETORS

"JOLLY TIME" Fine Cut.

Dark and sweet, with plug flavor, the best goods
on the market.

In addition to a full line of staple groceries, we are the
only house in Michigan which carries a complete assortment
of fancy groceries and table delicacies.

Mail orders are especially solicited, which invariably
secure the lowest prices and prompt shipment. Satisfaction
guaranteed.

25, 27 and 29 Ionia St. and 51, 53, 55, 57 and 59 Island Sts.,

Grand Rapids, Mich.

AMOS S. MUSSELMAN & CO.

Successors to Fox, Musselman & Leveridge,

Wholesale Grocers.

AGENTS FOR

MUSSELMAN'S CORKER PLUG AND RUM CIGARS.

The best and most attractive goods on the market.

SEND FOR SAMPLE BUTT. SEE QUOTATIONS IN PRICE-LIST.

GUNN HARDWARE

COMPANY,

Exclusively Wholesale,

Present to the Trade the

Largest and Most Complete Line

OF

Shelf and Heavy Hardware

EVER SHOWN IN WESTERN MICHIGAN.

Our Stock Comprises Everything

Included in a First-Class

HARDWARE STOCK.

Dealers visiting the City are Cordi-
ally Invited to Call and Inspect our
Establishment.

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. Corres-
pondence solicited. APPLES AND POTATOES in car lots Specialties. NO. 9 IONIA ST.

W. T. LONG

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

Write me for prices.

POP CORN A SPECIALTY.

W. T. LONG, VICKSBURG, MICH.

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.

RINDGE, BERTSCH & CO.,

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 Rub-
bers. The demand for our own make of Women's, Misses and Childs' shoes is increas-
ing. Send in your orders and they will be promptly attended to.

14 and 16 Pearl Street, Grand Rapids, Mich.

WM. SEARS & CO.

Cracker Manufacturers,

Agents for

AMBOY CHEESE.

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

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, DE-
LIVERED), 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 MAR-
KET BEFORE YOU ARE TOO LATE.

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

FEBRUARY 1ST, 1886.



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.

