

# The Michigan Tradesman.

321

VOL. 2.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, JUNE 24, 1885.

NO. 92.

**KEMINK, JONES & CO.,**

Manufacturers of

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

ALSO PROPRIETORS OF

**KEMINK'S****"Red Bark Bitters"**

—AND—

**The Oriole Manufacturing Co.**

78 West Bridge Street,

GRAND RAPIDS, - MICHIGAN.

**ALBERT COYE & SONS,**

—MANUFACTURERS OF—

**AWNINGS, TENTS,**

HORSE AND WAGON COVERS.

Wholesale Dealers in

Oiled Clothing, Ducks, Stripes, Etc.

State Agents for the

Watertown Hammock Support.

SEND FOR PRICES.

73 Canal Street, - Grand Rapids, Mich.

**S. A. WELLING**

WHOLESALE

**MEN'S FURNISHING GOODS**

Lumberman's Supplies

**FISHING TACKLE**

—AND—

**NOTIONS!**

PANTS, OVERALLS, JACKETS, SHIRTS,  
LADIES' AND GENTS' HOSIERY, UNDER-  
WEAR, MACKINAW, NECKWEAR, SUS-  
PENDERS, STATIONERY, POCKET CUT-  
TLERY, THREAD, COMBS, BUTTONS, SMOK-  
ERS' SUNDRIES, HARMONICAS, VIOLIN  
STRINGS, ETC.

Particular attention given to orders by

mail. Goods shipped promptly to any point.

I am represented on the road by the fol-

lowing well-known travelers: John D.

Mangum, A. M. Sprague, John H. Eacker,

L. R. Cesna and A. B. Handricks.

24 Pearl Street, Grand Rapids, Mich.

**C. G. A. VOIGT & CO.**

Proprietors of the

**STAR MILLS,**Manufacturers of the following pop-  
ular brands of Flour.**"STAR,"****"GOLDEN SHEAF,"****"LADIES' DELIGHT,"**And **"OUR PATENT."****STEAM LAUNDRY**

43 and 45 Kent Street.

A. K. ALLEN, PROPRIETOR.

WE DO ONLY FIRST-CLASS WORK AND USE NO

CHEMICALS.

Orders by Mail and Express promptly at-

tended to.

**ALLEN'S ABRIDGED SYSTEM**

—OF—

**BOOK-KEEPING!**

H. J. Carr, book-keeper for H. Leonard &  
Sons, writes: "For two years and upwards I  
have been applying methods quite similar to  
those shown in your recent publication, 'An  
Abridged System of Book-keeping,' and have  
found a decided saving of labor and much  
other satisfaction therein. Hence my belief in  
its utility, and that what you have set forth  
will, when rightly understood, merit attention  
and use."

Full and complete drafts of rulings, etc., with

illustrative entries and instructions in pam-  
phlet form mailed upon receipt of \$2.**W. H. Allen,**

With S. A. Welling, 24 Pearl St., Grand Rapids

**SALT.****ONONDAGA F. F. SALT**

Sole Manufacturers.

**AMERICAN DAIRY SALT CO.**

(Limited.) Chemically purified and WARRANTED  
pure as any in the market. Used by a great  
majority of the dairymen of the country. Un-  
excelled for Butter, Cheese, the Table and all  
Culinary purposes. Got medal at Centennial  
"for purity and high degree of excellence."  
Dairy goods salted with it took first premiums  
at New Orleans World's Fair, N. Y. Interna-  
tional Fair, Milwaukee Exposition, and always  
wins when there is fair competition. It is  
American, and CHEAPER and BETTER than any  
foreign salt. Try it. Address

J. W. Barker, Sec'y, Syracuse, N. Y.

**VOIGT MILLING CO.,**

Proprietors of

**CRESCENT  
FLOURING MILLS,**Manufacturers of the Following Pop-  
ular Brands of Flour:**"CRESCENT,"****"WHITE ROSE,"****"MORNING GLORY,"****"ROYAL PATENT,"** and**"ALL WHEAT,"** Flour.**SEEDS**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.

**ORDER A SAMPLE BUTT OF****McALPIN'S****Chocolate Cream****PLUG.**

A RICH NUTTY CHEW.

**Eaton & Christenson,**

GRAND RAPIDS.

**EDMUND B. DIKEMAN,**

—THE—

**GREAT WATCH MAKER,**

—AND—

**JEWELER,**

44 CANAL STREET,

GRAND RAPIDS, - MICHIGAN.

**McALPIN'S****Chocolate Cream****PLUG TOBACCO**

Is the most Delicious Chew on the

Market.

SOLD BY ALL JOBBERS.

**CREAM TESTER!**

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

**G. ROYS & CO.,**

No. 4 Pearl Street, Grand Rapids.

**WHIPS**

—AND—

**LASHES**

NEW GOODS. New

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

ORDERS PROMPTLY FILLED

**THE MERRY MERCHANT.**He Gets the Gift Grocery Scheme on the  
Brain and Pays Off an Old Debt.

Written Expressly for THE TRADESMAN.

The corner grocer filled a clay pipe from

a broken package of tobacco and sat down

in front of the store to smoke.

"I haven't sold a dollar's worth of goods

to-day," he said, peppering with tobacco

smoke a noisy fly which seemed bound to

light on his rosy nose, "but I have had

opportunities to buy more than ten million

dollars worth."

A farmer who had driven in for a plow

point and a farmer who had just sold his

wife's butter and eggs to supply himself

with whisky and tobacco, drew their chairs

closer to the merchant, and one of them

asked how that came about.

"How did that come about?" repeated the

merchant; "if you knew anything of the na-  
ture, habits and general cussedness of the

average Grand Rapids drummer you

wouldn't ask that. Why, those Grand Rapids

drummers—"

The worthy merchant sat bolt upright in

his chair with his eyes fixed on the bushy

margin of the field at the end of the village

street.

His companions cast their eyes in the

same direction, and in a moment saw a man

with a fancy spring suit almost completely

covered with sample cases strapped on in

front and behind, under each arm and on

both hips, creep laboriously out of the thick-  
et and appear in the open field.

"Talk of the dev—angels and you hear

the rattle of their wings," said the merchant

with the air of a man who had given up all

hope and was ready for the worst: "That's

a Grand Rapids drummer!"

The farmers moved their chairs back and

allowed that it was about time to go home.

"You needn't go on his account, gentle-

men," said the grocer. "Ordinarily it is

not dangerous to encounter a Grand Rapids

drummer at this time of the year. I don't

know where this one came from, but I bet

a brick block to a clothes pin that there's

a new store out that way somewhere and he's

sneaked out there on foot and sold the prop-

rietor goods enough to last him seventeen

years. He looks like the man who loaded

me up with canned fish a year ago. I've got

the cellar full of 'em now. Never sold

enough to get the freight money back. I

ate 'em myself until I began to lose money

by it on account of the fins that began to

grow out tearing my underclothes. If that's

the man, he's a daisy to sell fish. If he'd

a-been in Jonah's place he'd a steered that

whale into Jerusalem and made him make

an affidavit to the purity of his own flesh be-

fore he cut him up and loaded the stock on

country grocers."

In a few minutes the drummer was un-

strapping his sample cases on the shady

platform where the grocer sat.

"You're only the tenth drummer I've met

to-day," observed the merchant, re-filling

his pipe, "but you needn't let that discour-

age you—go right on unpacking."

The drummer did keep right on unpack-

ing.

"When I came down this morning," said

the grocer, "I found a man sitting on that

box where you just put those coffee sam-

ples. He was selling baking powder—none

of your common baking powder, but a patent

rise-at-once compound that is bound to

make its way in the world. He said he was

out a little early on account of his having got

a little of it under the mattress when he hid

his watch and money last night, and about

four o'clock this morning the confounded

stuff rose and tipped him out of bed."

The drummer was down to the bottom of

the last case by this time and asked the gro-

cer to take a cigar while he put his samples

in order.

"He gave away a gold watch with every

gross sold," continued the merchant, set-

tling back into a comfortable attitude, "and

warranted it to run for thirty years. Of

course I knew the watch was all right and

I had no reason to doubt the veracity of the

circulars he carried stating that a million

gold watches had been distributed within

the past year, but I didn't buy any. My roof

leaks a little and I was afraid it would get

damp on my hands and blow up the store."

The drummer drew a long breath and

seemed anxious to get down to business, but

the merchant held the floor.

"The next man that came along," he went

on, "had some kind of never-give-out plug

tobacco. He put a silver dollar into every

tenth package. All you had to do was to

pay ten cents for every tenth plug and be

ninety cents ahead. He had the kind of to-

bacco that children cry for, and one good

little boy down east, by carefully investing

all his Sunday school money in plug tobacco,

had drawn dollars enough to raise the mort-

gage on his poor but honest father's farm."

The drummer lit a fresh cigar and took

up a handful of coffee as a text to talk

from.

"The next man," went on the grocer,

"had tea, with a dozen solid silver spoons

in every caddy. You've been on the road

long enough to know how tea men talk

when there's a dozen silver spoons some-

where in the lot. Perhaps you've got some

of the same kind there?"

The drummer was still arranging his  
samples, but a good many of them were  
finding their way back into the cases. He  
looked up with a hopeful expression on his  
face at being allowed to get a word in and  
said that he had none of that kind with him,  
but he had—

"Never mind," said the merchant encour-  
agingly, "perhaps you will have the next  
time you come. The man I buy sugar of  
puts a deed of a Chicago corner lot in every  
barrel, and the last starch I bought had an  
order for a suit of clothes at the bottom of  
the box. If you hear of a man that gives  
away pianos with stick candy just steer  
him up this way. I've made arrangements  
to give away a circus ticket with every bar  
of soap, and I must get even somehow. I  
heard the other day that the new minister  
to Russia drew his appointment in a box of  
parlor matches, and if you hear of any of  
that kind in the market—"

The drummer was packing up. He looked  
tired and disgusted and he dropped the  
samples into the cases as though they were  
all loaded with cholera germs.

"Perhaps," observed the grocer, "you  
think I'm going this gift racket pretty  
strong? Well, you wholesale fellows start-  
ed it, and I'm going to keep right on if it  
does demoralize trade. If you meet a man  
down the road with a green coat and one  
eye, you can tell him I'll take the case of  
wooden shoes he offered, if he'll put in two  
chances for a third interest in his firm in-  
stead of one. If you meet the plow man at  
the hotel—"

But the drummer had again harnessed  
himself with his sample cases and was mak-  
ing his way rapidly toward the opposite side  
of the street. The merchant went to the  
back end of the store and rolled over on a  
pile of grain bags and shook his sides and  
grew red in the face. When he caught his  
breath and got back to the door again the  
drummer was standing in the hotel door  
pointing toward the store.

"The more I look at that man," mused  
the grocer, "the more he reminds me of the  
man who loaded me up with canned fish."

And he commended himself at the  
rear end of the store again.

**Stepping Stones to Success.**

Learn your business thoroughly.

Keep at one thing—in nowise change.

Always be in haste, but never in a hurry.

Observe system in all you do and under-

take.

Whatever is worth doing at all is worth

doing well.

One-to-day is worth two to-morrows.

Be self-reliant; do not take too much ad-

vice, but rather depend on yourself.

Never fail to keep your appointments,

nor to be punctual to the minute.

Never be idle, but keep your hands or

mind usefully employed except when sleep-

ing.

Use charity with all; be ever generous in

thought and deed—help others along life's

thorny path.

Make no haste to be rich; remember that

small and steady gains give competency and

tranquility of mind.

He that ascends a ladder must take the

lowest round. All who are above were once

below.

**A Solemn Question.**

From the New England Grocer.

A distinguished Boston divine, of unusu-

ally solemn and impressive appearance,

went out to a country town not long ago to

lecture. He arrived early in the afternoon,

and all the town, of course "spotted" him

within five minutes as a very great and very

saintly man.

He went into a drug store, and, in tones

that froze the young blood of the clerk be-

hind the counter, said:

"Young man—do you—smoke?"

"Y—yes, sir," said the trembling clerk;

"I'm sorry, but I learned the habit young

and haven't been able to quit it yet."

"Then," said the great divine, without

the movement of a muscle or the abatement

of a shade of the awful solemnity of his

voice, "can you tell me where I can get a

good cigar?"

**It All Depends.**

From the Philadelphia Call.

Reporter—How's the peach crop this

year?

Native—Splendid, couldn't be better. You

just moved here, I suppose?

Reporter—Oh, no; I represent a city pa-

per, and am seeking information in regard

to the peach crop.

Native—Well, its mighty poor. If we

get one peach to the tree we'll do well.

**Assistant Attorney General Bryant, of the**

Post Office Department, is now engaged in

an effort to break up the manufacture by

certain firms of postage stamps for stamp

collectors. Many of these



# 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, JUNE 24, 1885.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

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

Michigan Dairymen's Association.

Organized at Grand Rapids, February 25, 1885.

President—Milan Wiggins, Bloomingdale.  
Vice-Presidents—W. H. Howe, Capac; F. C. Stone, Saginaw City; A. P. Politz, Davison Station; F. A. Ricketts, How, Carson, City; Warren Haven, Bloomingdale; Chas. E. Belknap, Grand Rapids; L. F. Cox, Portage; John Borst, Vriesland; R. C. Nash, Hilliards; D. M. Adams, Ashland; Jos. Post, Clarksville.  
Secretary and Treasurer—E. A. Stowe, Grand Rapids.  
Next Meeting—Third Tuesday in February, 1885.  
Membership Fee—\$1 per year.  
Official Organ—THE MICHIGAN TRADESMAN.

Post A., M. C. T. A.

Organized at Grand Rapids, June 23, 1884.

OFFICERS.

President—Wm. Logie.  
First Vice-President—Lloyd Max Mills.  
Second Vice-President—Stephen A. Sears.  
Secretary and Treasurer—L. W. Atkins.  
Executive Committee—President and Secretary, *ex-officio*; Chas. S. Robinson, Jas. N. Bradford and W. G. Hawkins.  
Election Committee—Geo. H. Seymour, Wallace Franklin, W. H. Downs, Wm. B. Edmunds and D. S. Haugh.  
Room Committee—Stephen A. Sears, Wm. Boughton, W. H. Jennings.  
Regular Meetings—Last Saturday evening in each month.  
Next Meeting—Saturday evening, June 27, at "The Tradesman" office.

Grand Rapids Post T. P. A.

Organized at Grand Rapids, April 11, 1885.

President—Geo. F. Owen.  
Vice-President—Geo. W. McKay.  
Secretary—Leo A. Caro.  
Treasurer—James Fox.  
Next Meeting—Subject to call of President.

Dealers would do well to accept no Canadian silver hereafter, except at the current rate of discount—5 per cent.—and speedily dispose of all they may happen to have on hand.

In response to the request of a considerable number of retail dealers, and the suggestion of several jobbers, THE TRADESMAN herewith presents a list of quotations on woodenware, which will be a regular feature of the paper hereafter.

The attention of financial circles is caught by the indorsement given by the South Carolina bankers to the action of the Atlanta convention in calling for the suspension of silver coinage. Evidently the silver dollar is to be attacked from the home of its former friends.

The readers of THE TRADESMAN have a genuine treat in store for them in the shape of a series of humorous articles on mercantile subjects, the second of which appears on the first page of this issue. The articles are from the pen of Alfred B. Tozer, one of the best writers of the kind in the country, who has made a careful study of the various phases of business experience upon which he will touch, with the view of producing the funniest and most unique series of pen sketches which have ever appeared in any trade paper. THE TRADESMAN is inclined to the opinion that its readers will all agree in pronouncing the present contribution the best "take off" on gift schemes ever spread on paper.

The recent action of the C. & W. M. Railway in making an arbitrary rate on all pool freight from the East, which amounts to a withdrawal from the pooling arrangement, is provoking the opposition of merchants at Muskegon, Grand Haven and Holland, who formerly enjoyed the advantage of Chicago freights, but are now compelled to pay Chicago rates to Allegan, Grand Rapids or Ferrysburg, and an arbitrary rate from thence to destination. Grand Haven business men can avoid the payment of the extra rate by ordering their goods *via* D. G. H. & M., as that road still remains in the pool; but Muskegon and Holland are practically helpless, and the indications are that they will be compelled to remain in that condition until the fall tariff goes into effect, when the C. & W. M. will probably resume its former relations with the pool.

THE TRADESMAN stated several months ago that a syndicate had been formed in New York City to test the legality of the anti-oleomargarine law, passed by the Legislature of New York about a year ago. A test case has been carried from court to court, and a final appeal to the court of last resort has resulted in a decision holding the law which prohibits the manufacture and sale of butter substitutes to be unconstitutional. The defendant, who was arrested for selling oleomargarine, proved that the commodity was as wholesome as

dairy butter, but this evidence was stricken out, and the case was placed on its merits, the defendant assuming that the law was an oppressive interference with legitimate trade. Justice Pratt, one of the judges before whom the final appeal was brought, stated his objections to the law in the following forcible language:

It seems to me a citizen has a right to make any pure and wholesome article of food and sell it for what it actually is, and it is immaterial what lawful use shall be made of it afterward. If a man is too poor to buy good butter, I see no objection to his using oil, cheese, or honey, or any other substitute for butter. A law prohibiting the making of an iron rake to be used as a substitute for one made entirely of wood could be passed with just the same legal effect as a law providing that oleomargarine should not be made to be used as a substitute for butter.

In the light of the above facts, it will be interesting to know what steps will be taken to enforce a similar law passed by the Legislature of this State a couple of weeks ago.

## AMONG THE TRADE.

### IN THE CITY.

F. J. Lamb & Co. have put in an elevator.

Ludwig Winternitz succeeds P. Spitz as agent for "Fermentum" compressed yeast in this territory.

A. R. Barnes has engaged in the grocery business at Petoskey. Clark, Jewell & Co. furnished the stock.

H. Leonard & Sons have issued a twelve-page "bargain catalogue," which they are mailing to all their customers.

The Kent County Savings Bank has gotten in a steel burglar proof chest, with time lock. It has been placed inside the vault.

C. C. Bunting, of the new firm of Bunting & Shedd, has been in Buffalo several days, arranging to handle the products of the Hamburg Canning Co. He will return by way of Indianapolis and Chicago. Mr. Shedd will sever his connection with the Savings Bank July 1, at which time the firm will begin operations.

Edwin Densmore left Monday for St. Ignace, where he will superintend the placing of the veneer machinery in the new mill of the St. Ignace Manufacturing Co. Mr. Densmore has lately received an order for a veneer cutting machine from Detroit parties, who intend to engage in the cutting of cheese box lumber at Wyandotte.

"My partner is a politician of considerable influence," said a well-known jobber, "in consequence of which there are from a dozen to fifty men in here every day soliciting his signature to petitions for office under the new administration. If I was in his place, I'd buy a gross of shovels, and make everyone who called on me a present of one."

Considerable surprise was manifested a day or two ago when the Old National and National City banking establishments displayed placards announcing that all Canadian silver coin would hereafter be taken only at a discount of 5 per cent. The Fourth National will adopt a similar rule within a day or two and the other banks will probably shortly follow suit. Various reasons are advanced by the banks for taking such a step, the most important being that the coin is not "current funds," in the meaning of the law, and consequently cannot be reckoned as assets. Other bankers in this vicinity refuse to take the coin at par, which occasions a large influx of the silver to this city. As the only outlet is to express the metal to some Canadian financial center, the only practical way is to send it away in amounts of \$500 and \$1,000, and while these sums are accumulating the banks are compelled to lose the interest on the money, besides standing the expressage and exchange. The adoption of the discount system will undoubtedly have a tendency to drive Canadian coin out of this part of the State.

### AROUND THE STATE.

North & Foster succeed J. P. Foster & Son in the produce business at Pontiac. Shuck & Morton succeed H. Wonsley & Co. in the meat market business at Colon.

H. A. Ringman succeeds Ringman & Hazard in the jewelry business at Adrian.

D. M. Baker succeeds D. M. Baker & Co. in the lumber and coal business at Adrian. Gibson & Son, grocers at Partello, are erecting an addition to their store building. Hamer Bros., clothing dealers at Harbor Springs, will remove their stock to Petoskey.

C. R. Richardson succeeds W. G. Patterson in the boot and shoe business at Lansing.

D. V. Edsall, Agt., crockery dealer at Monroe, has been closed on chattel mortgage.

A. Jennings and L. J. Sherrod have purchased the lumber business of John Lyle, at Deatur.

Robert Kretschman has bought the half interest of C. A. Waal in the meat firm of Bauman & Waal, at Manistee.

John VanArsdale has moved his boot and shoe stock from Muir to Wayland, where he will continue the business.

The Zemon & Sable clothing stock, at Clare, which was inventoried at \$4,559, was sold to P. Medallie, of Cadillac, for \$2,005.

Fred I. Nichols has purchased D. W. Higgins' interest in the mill and grocery business at Bell's Siding, near Morley, and will continue the business.

Robert Newman and Frank Esbaugh have

purchased the Jos. Newman general stock at Dorr, and will continue the business under the firm name of Newman & Esbaugh.

D. D. Gunsolus has bought the hardware stock of Geo. W. Ferguson, at Fairfield, and will continue the business at the old stand. Mr. Ferguson has bought a farm and mill near Adrian.

S. C. Fell, who has moved his shingle mill from Howard City to Petoskey, has located the same on Bear River, within the limits of the village. The mill will cut only cedar shingles. The grocery stock will be moved about July 1.

Duff Jennings & Co., of Sheridan, who were reported to have sold out and "left town," write THE TRADESMAN as follows: "There is truth in the report that we have sold out, but the report that we will move away is untrue. We have lived here for years, and for all we now know, will die here, some time in the dim and distant future. We have desired to go out of business for some time. We tried selling off at cost, but found it slow work, and finally sold our entire stock to Shields, Bulkley & Lemon, of your city, who closed it out to James Towle, of Greenville, and John Prestel, E. J. Sherwood, Gray & Gray, and Geo. Phillips, of this place. We are settling up our business affairs, and will do nothing else until it is all closed up."

### MANUFACTURING MATTERS.

The Cummer Lumber Co., at Cadillac, will discard the circular and adopt the band saw.

W. B. Griffin has purchased J. G. Williams' interest in the Johnson mill at Saugatuck.

Bolton & McRae lately shipped 15,000 ties at Alpena, for Chicago, also 5,000 cedar posts.

Manistique claims to present a good opening for a planing mill and sash and door factory.

The Delta Lumber Co., at Thompson, has made arrangements to build a planing mill at Detroit.

Thompson Bros., of St. Clair, have enlarged their salt works and are now turning out 400 barrels a day.

Towle's mill, one mile north of Sheridan, was lately put in motion, cutting 50,000 feet of lumber a day, and employing 35 men.

Case & Cratser are running their mill at Kingsley, night and day, for the purpose of getting their stock of logs cut by Aug. 1.

Gregory & McKenzie have established a saw works at the Menominee Iron Works, at Menominee, and will do saw repairing for the mills.

L. A. Clark has retired from the firm of Dolsen, Chapin & Co., lumber manufacturers at Bay City. The firm name remains the same as before.

David Ward has sold the balance of his Manistee stock, cut at Backus & Binder's mill, about 2,000,000 feet, to Albany parties at \$25 a thousand.

D. Swift, of Edmore, is putting in a shingle mill north of Rodney, on what is known as the Comstock timber. He will also build a store there.

The Grand Haven Lumber Co. has purchased 50,000,000 feet of pine on Flat river, which will be cut and brought down to Grand Haven for manufacture.

J. N. Hess, a prominent Cadillac lumberman, has sold his interests at that place, and is removing to Argos, Ind., where he will engage in manufacturing.

F. W. Gilchrist is rebuilding the lumber barge Michigan, at Alpena. Her sides are being raised several feet. The Michigan is said to have the largest hull on the lakes.

It is stated in Upper Peninsula papers that Thos. Nester has decided to build a logging railroad to his pine lands west of Baraga, and that he has let the construction job to J. H. Payne, of Baraga.

W. & A. McArthur are shipping lumber to Cadillac, from Cheboygan, in considerable quantity; under what inducements is not stated, but probably to fill up broken assortments in the mill stocks at Cadillac.

It is reported that Warner & Eastman, of East Saginaw, contemplate the establishment of a yard at that point for the car load trade in assorted lumber. They have on hand 4,000,000 feet of choice stock 1,000,000 of which is sold.

The Middlebrook & Post Manufacturing Co., jobbers of machinery at Detroit, have given two chattel mortgages for \$8,000 and \$2,000, respectively, and some of the unsecured creditors have petitioned for the appointment of a receiver.

Successful Michigan exhibitors at New Orleans: Morley Bros., East Saginaw, first-class medal for saw-mill and lumbering tools; Chas. W. Coe, Fentonville, first-class medal for blacksmith tools; Michigan axe and tool company, East Saginaw, second-class medal for display of edge tools.

Louis Cartier has been in Milwaukee, as agent for his father, A. E. Cartier, of Ludington, negotiating for the purchase of thirty-three forties of pine in Lake and Mason counties. Wm. Bradley owns the lands at present, unless the Cartier proposition to buy has resulted in a transfer.

T. R. Lyon, agent, is about to sink two salt wells at Ludington, and will immediately build a salt block, with a capacity of 500 barrels a day. Bids have been made to put down a well in four months, for \$7,000. It is intended to work the wells only during the sawing season, about 200 days, and that a single well will thus produce 100,000 barrels of salt a year.

C. C. Barker, of Birdsall & Barker, Bay City, is the inventor of a crib for towing logs that is said to completely fulfill the requirement for safety in heavy seas. A trial of it was recently made in Saginaw bay with entire success, there being 150,000 feet of

logs in the raft. If rafting by lake can be rendered safe by this invention, it will be an important matter.

The Cheboygan Lumber Co., with mills at Cheboygan, is driving piles for increased booming ground at that point. This has become necessary to accommodate the Spanish river, Ont., logs, which will soon begin to arrive. The company has purchased limits including 80,000,000 to 100,000,000 feet of pine in Spanish river district, and intends to tow the logs to Cheboygan for sawing, thus avoiding the duty on lumber.

### STRAY FACTS.

Manistee is crowing over the fine quality of her salt product.

Thoms Bros., blacksmiths and wagon makers at Centerville, have left town.

An Alpena paper says that the demand for lumber is somewhat better than it was in June of last year.

There is talk of erecting a steel mill at Iron Mountain, in the Upper Peninsula, P. Kimberley being one of the projectors.

The Flint & Pere Marquette and the Goodrich line steamers now have a full return freight to Milwaukee in Manistee salt.

The growth of the featherbone industry at Three Oaks necessitates the erection of still another building. This one to be 40x100 feet in size.

The Three Rivers Paper Co. has bought and will operate the J. W. French paper mills. The new company starts in with \$75,000 paid up capital.

Owosso has now but one bank, that of M. S. Stewart & Co., the First National having failed to renew its charter. A solid concern could find a good field there.

During the year ending June 1, 430 cars of freight were forwarded from Bancroft. All of the freight was Bancroft's product in the shape of grain or manufactured goods.

R. Connable & Son, of Petoskey, have bought a steam tug, the "Ethel J." of Cleveland, for their fish business, and have opened a branch fish house at Fort Wayne, Ind.

South Boardman has her arms open for a capitalist who will invest in a handle or furniture factory, and utilize the abundance of good timber and two water powers thereabouts.

Over 300 barrels of mineral, besides many tons of mass copper, are on the Quincy mining company's dock, at Hancock, awaiting shipment. The production is so brisk that new contracts for carrying will have to be made.

Daniel Root, of Hudson, is an enthusiast on the subject of producing good sugar at a profit in Michigan. With machinery he put operation last year he made 6,000 pounds of sorghum sugar of good quality, and readily disposed of his product.

The signing of the amalgamated scale by the Pittsburg iron men has created great satisfaction in the Upper Peninsula iron region. Business has been very stagnant for two or three weeks, and had the iron workers' difficulty remained unsettled it must soon have made it worse.

Six gentlemen, interested in the Minneapolis, Sault Ste. Marie & Atlantic railroad, went over the route last week. It is decided that a lake terminus will be established at the head of the bay, and Escanaba will therefore be benefited by the line. The party also visited Manistee.

It is said that standing timber greatly suffered by the recent forest fires in Michigan, and that in some instances saw logs, partly covered by water, lying with one end in a stream, were burned so that nothing remained above water but the charred end and a heap of ashes on shore.

### Kalamazoo Business Points.

J. W. Roat has engaged to travel for Geo. Hanselman, the confectionery jobber, in place of W. P. Townsend.

Julius Bader & Co., who recently embarked in the wholesale grocery business, have concluded to close out tea, coffee and spice stock, and will hereafter carry only tobaccos, cigars and liquors.

Geo. M. McDonald says his appointment to the Board of Pharmacy was a surprise to him and against his best wishes; and he has not yet fully decided as to whether he will accept the position. The Board will meet at Lansing the second Tuesday in July for organization. Mr. McDonald says he shall support Mr. Eberbach for President of the Board, Mr. Jenson for Secretary and Mr. Vernor for Treasurer.

H. G. Coleman, Secretary of the Zoophora Medicine Co., has lately returned from a trip through Indiana. He reports a good business feeling throughout the northern part of the State, but considerable depression in the southern portion, on account of the failure of the wheat crop. The Zoophora Co. has "worked," and is in receipt of a lucrative business from the States of Michigan, Indiana, Ohio, Illinois and Iowa.

### Purely Personal.

L. J. Rindge and O. A. Ball spent a few hours at Moline one day last week.

J. A. Hughston, eastern traveling freight agent for the Union Pacific Railway, was in town last week.

W. S. Barton, the Bridgeton general dealer, is recovering from a severe attack of typhoid fever. He breath Grand Rapids air for a couple of days last week.

L. L. Loveridge was up at Horton's Bay last week, looking over his summer resort property. He is as yet undecided as to whether he will erect a cottage or donate the ground to the Methodist society of that place for a parsonage.

## IS IVES INSANE?

Peculiar Actions Which Suggest Such a Question.

The Big Rapids correspondent of THE TRADESMAN intimated last week that all was not serene in the vicinity of Hungerford, and a careful investigation of the matter at the hands of a TRADESMAN reporter discloses a state of affairs which promises sensational developments of no mean proportions.

When the Ives Lumber Co. failed several years ago, James Blair, of this city, carried on the business for a time; but as the management proved unsatisfactory both to the estate and Mr. Blair, T. Gifford Smith, of Buffalo, assumed the responsibility attending the business, placing Stewart Ives in charge of same with a power of attorney. Mr. Ives is a man of good business ability, and could have extricated the estate from its financial difficulties, if he had been so inclined. Instead, however, of giving his best thought to the business, he seems to have been more desirous of figuring in the role of a Vanderbilt, and becoming notorious for his reckless use of money, and the voluptuous manner in which he has lived. He has private apartments at the Morton House, elaborately furnished and cared for by a chambermaid in his exclusive employ; and street report is authority for the statement that a suite of finely furnished rooms are also maintained in a certain business block, and that the mistress of the same is in receipt of a monthly stipend of \$100. Elegant living rooms are also maintained at Big Rapids and Chicago, on a scale of magnificence never before equaled in the former place and seldom seen in the latter. A pair of roadsters valued at \$1,200 are kept at Chicago, boarded at an expense of \$70 per month, and cared for by a private coachman. Fine horses have also been kept at Big Rapids and in this city; and, in spite of these elaborate turnouts, it is said that his expenditure for hacks and coupes in Chicago has frequently reached \$20 per day.

His mania to figure as a successful speculator is said to have led him into a number of unfortunate investments, by means of which funds which should have been used in the prosecution of the business have been diverted to other purposes. While in Chicago a short time ago, he is said to have purchased a brick block, which was mortgaged, for all it was worth, paying \$25,000 on the same. It is claimed by those who are acquainted with the facts in the matter that he never looked at the block, except from the outside, and was guided wholly by the representations of the agent who made the trade.

These facts coming to the ears of Mr. Smith, and also reports that the business was not moving along satisfactorily, he concluded to pay a visit to the scene of trouble, and the result was that Mr. Ives' power of attorney was revoked, and he was forbidden to do any more business in the name of the financial backer. No one seems to know the exact status of the estate, nor will such knowledge be forthcoming until a thorough investigation of its affairs is made. That the property is very valuable, and that the assets will reach at least \$300,000, is patent to everyone interested in the matter; but just how much the liabilities are, and how much Ives obligated the estate before decapitated by Smith, remains to be seen. I. M. Watson is understood to be an endorser on paper made by the estate to the extent of \$37,000, but he is amply secured on lumber piled in the yards in Lumberton. L. G. Mason, of Muskegon, and L. S. Baker, of Big Rapids, are both named as successors to Mr. Ives, and the indications are that the former will be selected. Either gentleman has the necessary experience and ability to put the affairs of the company in excellent shape, and convert the remainder of the vast property into snug fortunes for both heirs.

Mr. Ives' eccentricities have lately excited the apprehensions of his friends, and reports are rife on the street to the effect that he is not quite right, mentally. Whether such is a fact will probably be determined by his future actions, which will be carefully watched.

The Big Rapids Rapids correspondent of THE TRADESMAN, who was telegraphed for all particulars known there, answered as follows:

It has been a matter of common knowledge here that T. Gifford Smith has been the financial backer of the concern for several years, and that he has advanced large sums of money on various occasions. Ives has carried on the business as attorney for Smith, and recently contracted with L. S. Baker, cashier of the Northern National Bank, to handle the entire cut of the mill at Lumberton. About two months ago Baker advanced Ives \$15,000 with which to pay mill hands, etc., which money was invested in a brick block in Chicago, the price of which was above \$200,000, and the title to which was vested in Ives. Ives then made a demand for more money, which was refused, and Baker telegraphed Smith to come to the scene of trouble which he did, the visit resulting in the revocation of the power of attorney given Ives. For a number of days the creditors, chief among whom Smith, have endeavored to invest L. S. Baker with power of attorney, but there was in the writing which gave that power to Ives a clause which gave him also the naming of a successor, in case one should be appointed. Ives objects to Baker. Undoubtedly Baker will be appointed to-day. In the mean time, operations are continued at the mill. Report says Ives is insane.

"Speaking of Stewart Ives," remarked a Canal Street merchant, "reminds me of the time when he was the maddest man in Northern Michigan. It was just after he had failed for the first time, and Joe Escott—who was sheriff up at Big Rapids in those days—levied on a money package which happened to come to Ives through the express office. Ives came up from Hungerford, counted out enough to satisfy Escott's claim, and put the remainder—about \$300, I think—back in the package. Escott was telling a friend of his good luck a short time afterward, when the latter stated that he had a claim against Ives which he never expected to realize on. Joe was up to snuff in no time, and made an agreement with his friend as to the amount he should receive in case he could collect the claim. Meeting Ives on the street shortly afterward, he informed him that he had made some figures on the back of the money package which he would like to copy. Ives willingly pulled the package out of his pocket and handed it to Escott, whereupon Joe levied on the same a second time, taking all but about \$100. I am told that Ives' curses on that occasion are remembered to this day."

# OIL IN BULK.

## The Tank Delivery Wagon System.

To the Retail Trade of Grand Rapids:

In almost every large city of the Union, the dealers are now supplied with refined oils in bulk from tank delivery wagons, and they have found that system so safe, cleanly and convenient that they would not return to the old style of delivery in barrels. Some idea of the favor with which the system is regarded by those conversant with its merits may be inferred from the fact that 500 of the 600 retail dealers in Cleveland take oil from the delivery wagons and would not cease doing so under any circumstances.

Desiring to give to the retail trade of Grand Rapids the best facilities, we have had constructed

### TANK DELIVERY WAGONS

Of the most improved pattern, and are now prepared to deliver to you refined oils in bulk without the cost of packages.

Our wagons will call at your store as often as may be necessary to keep you supplied. One or two days in the week the wagons will carry Michigan Test Oil; the balance of the week Water White will be delivered.

Do not be deceived by parties selling "Prime White Michigan" Oil, and making statements that the quality is as good as the Standard Oil Co.'s Water White. If you want "Prime White Michigan," do your own mixing, by using equal parts of the Standard Oil Co.'s Water White and Michigan Test Oils. There are only two grades of oil made by the refiners of Cleveland—Michigan Test or Prime White and Water White.

Orders to telephone number 621-1 will have prompt attention.

Yours respectfully,

West Michigan Oil Co.

(Successors to Standard Oil Co.)

## GROCERY STOCK FOR SALE!

The stock of Groceries, etc., at 28 South Division St., this city, formerly owned by Wentworth & Cannon, with fixtures and lease of store. Enquire of

R. W. BUTTERFIELD,  
23 Monroe st., Grand Rapids, Mich.

SHERWOOD HALL. MARTIN L. SWEET.  
ESTABLISHED 1865.

# Brown, Hall & Co.

JOBBER OF

## WAGON & HARNESS GOODS

OF EVERY DESCRIPTION.

We Carry a Very Complete Line of Carriage, Wagon and Sleigh stock, in Both Wood and Iron.

HARNESS GOODS: Lumbermen's Heavy Case Collars; Lumbermen's Bolt Harness Sweat Pads; Collar Pads; Snaps Bits; Web and Leather Halters; Buggy Tops and Sun Shades; Cloth Cushions, in stock or made to order, to fit, on short notice; Curry Combs, Horse Brushes; Whips, Buck, Calf and Leather Lashes; Horse Blankets; Compress Leather Axle Washers; Harness Oils; Harness Soap; Varnish for Buggy Tops.

WAGON GOODS: Spokes; Hubs; Fellos; Patent Wheels; Axles; Logging Bob Runners; Cast or Steel Shoes; Wagon and Plow Clevises; Wrought Whiffletree Irons; and all goods pertaining to a Wagon, Cart, Buggy, Carriage or Sleigh.

GENUINE FRAZIER'S AXLE GREASE in wood boxes, 25 lb pails and barrels; Buyers for general stores, Harness and Wagon Makers will find it to their interest to call on us when in the city or write for prices, as we keep a line of goods not found elsewhere.

Nos. 20 and 22 Pearl st., Grand Rapids.



## Drugs & Medicines

### STATE BOARD OF PHARMACY.

One Year—Geo. M. McDonald, Kalamazoo.  
Two Years—F. H. VanEmster, Bay City.  
Three Years—Jacob Jesson, Muskegon.  
Four Years—James Vernon, Detroit.  
Five Years—Christian Eberbach, Ann Arbor.

### Michigan State Pharmaceutical Association.

#### OFFICERS.

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

### Grand Rapids Pharmaceutical Society.

ORGANIZED OCTOBER 9, 1884.

#### OFFICERS.

President—Frank J. Wurzburg.  
Vice-President—Wm. L. White.  
Secretary—Frank H. Escott.  
Treasurer—Henry B. Fairchild.  
Board of Censors—John Peck, Chas. P. Bigelow, Jas. S. Cowin.  
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.  
Committee on Pharmacy—Hugo Thum, M. B. Kim, A. C. L. Bar.  
Committee on Legislation—Isaac Watts, O. H. Richmond, Jas. S. Cowin.  
Committee on Trade Matters—H. B. Fairchild, John Peck, Wm. H. Van Leeuwen.  
Regular Meetings—First Thursday evening in each month.  
Annual Meetings—First Thursday evening in November.  
Next Meeting—Thursday evening, July 9, at "The Tradesman's" office.

### MISTAKES OF DRUG CLERKS.

#### A Physician Explains How Most of Them Are Made.

The recent death of a young lady in Chicago, which was hastened, according to what was found out by the coroner's jury which investigated the case, by the mistake of a druggist's clerk, has been the theme of conversation in many circles. So long as disease prevails, the public are at the mercy of careless clerks; and nothing can prove more agonizing to a patient who meets death in this form, or to the family and friends who, on the very eve of the convalescence of a patient, are forced to stand by and see their relative or friend snatched from them through the fault of another.

"Are druggists' mistakes of frequent occurrence?" was asked a leading physician. "No; they are not nearly so frequent as one not in the profession would suppose."

"Are there no means by which they could be made preventable?" "I don't know what could be done more than has been. You see, it is human to err. Take the most careful man in existence, I care not what machine he may be in, and he will slip up sometimes. How often do men who are thoroughly conversant with their trade or profession make mistakes? A man gets proficient in his business, and this very proficiency makes him oftentimes go about it mechanically, and the first thing he knows he makes a mistake. If it is a small one or is detected in time to prevent any serious injury or loss the man grinds his teeth, gives himself a mental kicking, and is more careful for awhile, but soon he is back in the old mechanical rut."

"What means do druggists employ to prevent these errors?"

"Every first-class drug store is arranged like clock-work. The different poisons are either placed in separate compartments, put in a peculiar style of bottle, or the bottles which contain them have an odd label, something which will attract the eye of the clerk the moment he uses it. Then, again, the clerk who puts up an order for a medicine of that character is under special instructions to register it in a book kept for the purpose. What other means can be gotten up to prevent a mistake creeping in I don't know."

"Do not many errors arise from the miserable chirography of physicians?"

"No, for the simple reason that if a druggist can't make out what a physician means he will quietly send word to the writer of the prescription for instructions, telling the customer it will take twenty or thirty minutes to put it up."

"As a rule, what is the general character of physicians' hand writing?"

"My brethren in the profession will bear me out in saying that it is the most miserable that can be imagined. Such scrawls as are sometimes sent out would tax the ingenuity of an expert to decipher. Many a solemn convulsion have I witnessed in drug stores over the prescriptions written by one of the most eminent physicians of this city. He will start a word all right, but if it is over four letters long the conclusion will run off into unintelligible hen-tracks; and it is true of many others. Bad writing is as much of a characteristic of physicians as the proverbial slowness of tailors and shoe-makers."

### More Amusing Incidents.

A Harbor Springs druggist, referring to the article recently published in this paper relative to "Amusing Errors Incident to the Drug Business," favors THE TRADESMAN with a couple of contributions of like nature. One is in the handwriting of a farmer's daughter, who sends for "Balsam copoba for heart disease;" and the other is a prescription from a registered physician, who makes the following blunder:

R  
Comph.....  
Chloform.....  
Ole Olive.....  
Spr Ammoniac.....  
Tine Capica.....  
Atqua Vitae.....  
M. Bathe Frequently.

### THE PHARMACY PRIMER.

#### A List of Questions Intending Licentiatees Can Study with Profit.

So much interest is manifested in the scope and grade of the examinations to be held by the State Board of Pharmacy that THE TRADESMAN has obtained a list of the questions used by the Illinois Board at a recent meeting and hereby publishes the same entire for the benefit of those who may wish to "study up" on the subject:

#### CHEMISTRY.

1. What substances are formed by the action of dilute sulphuric acid on zinc?
2. What substances are formed when solutions of iodide of sodium and nitrate of silver are mixed?
3. What elements compose water?
4. State the difference in chemical composition between calomel and corrosive sublimate.
5. What is the result when muriate of ammonia is mixed with pearl-ash?
6. How would you convert a solution of copper into a solution of tersulphate of iron?
7. What will be the composition and the color of a mixture made of precipitated sulphur and sugar of lead?
8. How can acetic acid be gotten from sugar of lead?
9. What chemical compound is chalk, and what happens when it is put into hydrochloric acid?
10. What materials can be used to make chlorine?
11. What acids attack copper most energetically?
12. How can you dissolve gold?
13. Name three gases which are abundant in nature in their free state.
14. What is castile soap, chemically?
15. What is magnesia?
16. How many iodides has mercury?
17. What is formed when phosphorus is dissolved in hot dilute nitric acid?
18. Name three of the most important alkalies.
19. Name three organic acids, the salts of which are common remedies.
20. Write the names of three crystallized organic chemicals which are not alkaloids.
21. Name three of the metals, the compounds of which are most common as medicines.
22. What is an alkaloid?
23. What is an acid?
24. What is an oxide?
25. What is a cyanide?
26. What are the chemical constituents of hydrobromic acid?
27. What is the result when sodium salicylate and quinine sulphate are mixed?
28. What can glycerine be obtained from?
29. What is contained in a mixture of carbonate of sodium and quicklime and heat applied?
30. Name the acids of sulphur.
31. What is alum?
32. How can you tell official alum from ammonia alum?
33. What do you get by boiling white arsenic with sal-soda?
34. How can you get precipitated hydrated sesquioxide of iron?
35. Why is magnesia used as an antidote for arsenic?
36. What would you use to make precipitated oxide of mercury?
37. What would you get when you mix a solution of copper with a solution of sal-soda?
38. What is collodion?
39. Name three compounds of iron that are insoluble in water.
40. Name two insoluble iodides.
41. What is ammonia composed of?
42. Name two zinc compounds insoluble in water.
43. What is Prussian blue?
44. Which chloride of iron is formed when iron wire is dissolved in muriatic acid?
45. What is contained in pyrophosphate of iron?
46. Name two metals that rapidly oxidize in water, and two that are unaffected by it.
47. What metal is contained in clay?
48. Name four of the most corrosive acids known, and state what their salts are called.
49. Can you make a clear solution containing sugar of lead and sulphate of morphine? If not, why not?
50. How many elementary bodies are there in nature?

#### MATERIA MEDICA (PHARMACOLOGY.)

Answer the following questions by writing plainly and correctly the full Latin official name as recognized by either the U. S. Ph. A., 1870, or of 1880.

1. White Arsenic.
2. Oil of Vitriol.
3. Muriatic acid.
4. Prussic Acid.
5. White Vitriol.
6. Copperas.
7. Blue Vitriol.
8. Epsom Salt.
9. Calomel.
10. Corrosive Sublimite.
11. Borax.
12. Sal Tartar.
13. Red Precipitate.
14. White Precipitate.
15. Sugar of Lead.
16. Red Lead.
17. Cream of Tartar.
18. Charcoal.
19. Balsam copoba.
20. Balsam of Tolu.
21. Gum Arabic.
22. Slippery Elm.

23. Wild Cherry.
24. Juniper Berries.
25. Liquorice Root.
26. Aconite Root.
27. Bittersweet.
28. Black Snakeroot.
29. Golden Seal.
30. Elder Flowers.
31. Pennyroyal.
32. Spearmint.
33. Wahoo.
34. Ginger.
35. Iceland Moss.
36. Nutmeg.
37. Quince Seed.
38. Castor Oil.
39. Cotton Seed Oil.
40. Cod Liver Oil.
41. Spirit Turpentine.
42. Basilicon Ointment.
43. Citrine Ointment.
44. Dover's Powder.
45. Blue Pill.
46. Spirit Mindererus.
47. Paregoric.
48. Plummer's Pills.
49. Lady Webster's Pills.
50. Donovan's Solution.

#### PHARMACY.

1. Pharmacopoeia U. S. Under whose authority is it published, and how often is it revised? State its primary object, and what does it present?
2. Give the table of Troy, Avoirdupois and Decimal weights.
3. Define chemical and pharmaceutical incompatibilities.
4. Percolation. Give brief history and latest theories; principles involved; form of percolators; preparing the drug; moistening and packing; rate of flow; continuous percolation; repercolation.
5. Infusions and decoctions. Describe how they are made. Name some substances that are proper objects for the above named preparations.
6. Give the processes and name the ingredients used in each of four pharmaceutical preparations, such as you have been in the habit of making and not named on this list.
7. Describe the following, each briefly, and say how they are made.  
Suppositories.  
Ointments.
8. Describe how the following official preparations are made, and name the ingredients used in each:  
Liquor Magnesie Citrat.  
Pulvis Cathartice Composit.  
Syrupus Scille Composit.
9. Alkaloids—name four and describe their physical and medical properties and say if any special care is required in dispensing them.
10. Define the following.  
Fixed Oils.  
Volatile Oils.

1. Give the sign of an (1) ounce, (2) dram, (3) scruple, (4) pint, used in writing prescriptions.
2. Give the definitions of the following abbreviations used in prescriptions: (1) Chart., (2) Fiat., (3) Collyr., (4) qs., (5) Sig., (6) Haust., (7) Cong.
3. Is this prescription proper or improper? Give your reasons, and say how you would prepare it.  
R  
Quinine Sulph.....grs. xxx  
Potassii Brom.....  
Tr. Ferri Chlorid.....  
Syr. Zingib. ad.....  
Aqua Distill.....  
Syr. Acacia.....  
Liq Potassii Arsenit.....  
M. Sig. Teaspoonful every 3 hours.
4. (1) What quantity of Digitalis is to be used in making the infusion? How made? (2) What precaution to be taken before adding the acid and ether?  
R  
Infus. Digitalis.....  
Acid. Hydrocyan. dil.....  
Ether Sulph.....  
Syr. Zingib. ad.....  
M. Sig. Dessert spoonful every three hours.
5. Name three vegetable acid poisons. Which one resembles Epsom Salts?
6. What care is to be taken in putting up these powders?  
R  
Potassii Acet.....  
Div. in Chart., No. xii.....  
Sig. One powder every 4 hours, dissolved in water.
7. What is to be observed regarding this prescription, so as to properly incorporate the Potassium iodide and extract with the lard?  
R  
Potassii Iodidi.....  
Ext. Hyoscymus.....  
Adeps.....  
M. Fiat. Ungt. Sig. externally.
8. What preparation of antimony is the most poisonous? Give the maximum dose and antidote.
9. Say how you would prepare this. What will it be after being properly made? Is it proper?  
R  
Magnesium Carb. Powd.....  
Citric Acid.....  
White Sugar.....  
Lemon Spirit.....  
Water.....  
Potassium Bi. Carb.....  
Make Solution.
10. What is a safe dose of Fld. Extract Belladonna? What are the symptoms of an overdose? What antidote should be given?

#### The Drug Market.

Business is moderately active and collections are good. Quinine has declined 5c, the German or K. M. products being now offered at 65c in 100 cts. Other articles in the drug line are about steady.

H. P. Whipple, general dealer at Kingsley, have sold his drug stock to Woodward & Fenton.

### WHOLESALE PRICE CURRENT.

Advanced—Nothing.  
Declined—Quinine, serpentaria, cod liver oil, N. F., acid citric, opium, nitrate silver, epsom salts.

#### ACIDS.

Acetic, No. 8.....	9 @ 10
Acetic, C. P. (Sp. grav. 1.040).....	20 @ 25
Carbonic.....	38 @ 40
Citric.....	50 @ 55
Muriatic 18 deg.....	3 @ 5
Nitric 36 deg.....	11 @ 12
Oxalic.....	14 1/2 @ 15
Sulphuric 66 deg.....	3 @ 4
Tartaric powdered.....	52 @ 55
Benzoic, English.....	12 @ 15
Benzoic, German.....	12 @ 15
Tannic.....	12 @ 15

#### AMMONIA.

Carbonate.....	15 @ 18
Muriate (Powd. 22c).....	15 @ 18
Aqua 16 deg or 3f.....	5 @ 6
Aqua 18 deg or 4f.....	6 @ 7

#### BALSAMS.

Copaiba.....	45 @ 50
Fir.....	2 @ 00
Peru.....	2 @ 00
Tolu.....	50 @ 55

#### BARKS.

Cassa, in mats (Powd 25c).....	11
Cinchona, yellow.....	13
Elm, select.....	18
Elm, ground, pure.....	14
Elm, powdered, pure.....	15
Sassafras, of root.....	12
Wild cherry, select.....	12
Bayberry powdered.....	20 @ 25
Hemlock powdered.....	30 @ 35
Wahoo.....	30 @ 35
Soap ground.....	12

#### BERRIES.

Cubeb prime (Powd 80c).....	6 @ 75
Prickly Ash.....	50 @ 60

#### EXTRACTS.

Licorice (10 and 25 lb boxes, 25c).....	27
Licorice, powdered, pure.....	37 1/2
Logwood, bulk (12 and 25 lb boxes).....	12
Logwood, 1s (25 lb boxes).....	13
Logwood, 1/2s do.....	13
Logwood, 3/4s do.....	13
Logwood, ass'd do.....	14
Fluid Extracts—25 per cent. off list.	

#### FLOWERS.

Arnica.....	10 @ 11
Chamomile, Roman.....	25
Chamomile, German.....	25

#### GUMS.

Aloes, Barbadoes.....	60 @ 75
Aloes, Cape (Powd).....	17
Aloes, Socotrine (Powd 60c).....	50
Ammoniac.....	28 @ 30
Arabic, powdered select.....	65
Arabic, 1st picked.....	50
Arabic, 2d picked.....	45
Arabic, sifted sorts.....	35
Assafoetida, prime (Powd 35c).....	55 @ 60
Benzoin.....	20 @ 22
Catechu, 1s (1/2 lb, 1/4 lb 15c).....	13
Euphorbium powdered.....	35 @ 40
Galbanum strained.....	90 @ 100
Guaiaac, prime (Powd 45c).....	35
Kino (Powdered, 30c).....	20
Mastic.....	40
Myrrh, Turkish (Powdered 40c).....	30
Opium, pure (Powd \$5.40).....	3 75
Shellac, Campbell's.....	30
Shellac, English.....	24
Shellac, native.....	24
Shellac bleached.....	30
Tragacanth.....	30 @ 40

#### HERBS—IN OUNCE PACKAGES.

Hoarhound.....	25
Lobelia.....	25
Peppermint.....	25
Rue.....	40
Sage.....	25
Spearmint.....	35
Sweet Majoram.....	24
Tanzy.....	25
Thyme.....	30
Wormwood.....	25

#### IRON.

Citrate and Quinine.....	6 40
Solution mur. for tinctures.....	20
Sulphate, pure crystal.....	80
Citrate.....	65

#### LEAVES.

Buchu, short (Powd 25c).....	13 @ 14
Sage, Italian, bulk (1/2 & 1/4 lb, 12c).....	6
Senna, Alex, natural.....	18 @ 20
Senna, Alex, sifted and garbled.....	22
Senna, powdered.....	10
Uva Ursi.....	16
Belledonna.....	35
Boxglove.....	35
Araneae.....	35
Rose, red.....	2 35

#### LIQUORS.

W. D. & Co's Sour Mash Whisky.....	2 @ 25
Druggists' Favorite Rye.....	1 75
Whisky, other brands.....	1 10
Gin, Old Tom.....	2 @ 17
Gin, Holland.....	2 @ 17
Brandy.....	1 75
Catawba Wines.....	1 25
Port Wines.....	1 35

#### MAGNESIA.

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

#### OILS.

Almond, sweet.....	45 @ 50
Amber, rectified.....	1 85
Anise.....	50
Bay 1/2 oz.....	1 80
Bergamont.....	18 @ 19 1/2
Castor.....	2 @ 20
Croton.....	1 00
Cassia.....	1 00
Cedar, commercial (Pure 15c).....	35
Citronella.....	1 20
Cod Liver, N. F.....	1 20
Cod Liver, best.....	1 50
Cod Liver, H. P. & Co's, 16.....	7 00
Cubeb, F. & W.....	1 60
Ergoster.....	2 00
Fireweed.....	2 00
Geranium 1/2 oz.....	75
Hemlock, cut (Pure 15c).....	1 50
Juniper berries.....	2 00
Lavender flowers, French.....	2 01
Lavender garden.....	90
Lavender spike do.....	1 40
Lemon, new crop.....	1 50
Lemon, Sanderson's.....	1 50
Lemongrass.....	2 10
Olive, Malaga.....	2 75
Olive, "Sublime Italian".....	1 25
Origanum, red flowers, French.....	1 75
Origanum, No. 1.....	4 30
Peppermint, white.....	8 50
Rose 1/2 oz.....	8 50
Rosemary, French (Flowers \$1 50).....	65 @ 67
Salad.....	1 00
Sandal Wood, German.....	4 50
Sandal Wood, W. I.....	7 00
Sassafras.....	67 @ 70
Tansy.....	4 50
Tar (by gal 50c).....	10 @ 12
Wintergreen.....	2 50
Wormwood, No. 1 (Pure \$4.00).....	3 50
Wormseed.....	2 00

#### POTASSIUM.

Bicromate.....	14
Bromide, cryst. and gran. bulk.....	30
Chlorate, cryst (Powd 23c).....	3 00
Iodide, cryst. and gran. bulk.....	28
Prussiate yellow.....	25

#### ROOTS.

Alkanet.....	20
Althea, cut.....	25
Arrow, St. Vincent's.....	17
Arrow, Taylor's, in 1/2 & 1/4 lb.....	12
Blood (Powd 18c).....	32
Calamus, peeled.....	20
Calamus, German white, peeled.....	20
Elecampane, powdered.....	20
Gentian (Powd 15c).....	11 @ 12
Ginger, African (Powd 14c).....	11 @ 12
Ginger, Jamaica bleached.....	25
Golden Seal (Powd 30c).....	30
Hellebore, white, powdered.....	25
Ipecac, Rio, powdered.....	1 10
Jalap, powdered.....	30
Licorice, select (Powd 30c).....	15
Licorice, extra select.....	15
Pink, true.....	15
Rhei, from select to choice.....	1 10 @ 150
Rhei, powdered E. I.....	1 10 @ 20
Rhei, choice cut cubes.....	2 00
Rhei, choice cut fingers.....	2 25

Serpentaria.....	60
Sarsaparilla, Honduras.....	40
Sarsaparilla, Mexican.....	20
Squills, white (Powd 35c).....	15
Valerian, English (Powd 30c).....	20
Valerian, Vermont (Powd 28c).....	20

#### SEEDS.

Anise, Italian (Powd 20c).....	15
Bird, mixed in 7 packages.....	5 @ 6
Canary, Smyrna.....	4 @ 4 1/2
Caraway, best Dutch (Powd 20c).....	15 @ 18
Cardamon, Aleppee.....	1 50
Cardamon, Malabar.....	1 75
Celery.....	25
Coriander, best English.....	10
Fennel.....	15
Flax, clean.....	3 1/2 @ 4
Flax, pure grd (bbl 3 1/2).....	4 @ 4 1/2
Ground, powdered.....	7 @ 8
Hemp, Russian.....	4 1/2 @ 5 1/2
Mustard, white Black 10c).....	8
Quince.....	75
Rape, English.....	6 @ 7
Worm, Levant.....	14

#### SPONGES.

Florida sheeps' wool, carriage.....	2 25 @ 2 50
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# The Michigan Tradesman.

A MERCANTILE JOURNAL, PUBLISHED EACH WEDNESDAY.

E. A. STOWE & BRO., Proprietors.

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WEDNESDAY, JUNE 24, 1935.

A GREAT INDUSTRY.

The Production of Coal Oil One of Our Mammoth Enterprises.

The consumption of coal oil, remarks the Indianapolis Journal, is constantly increasing. Fifteen thousand barrels are required to supply the daily demand in the United States. Most of this comes from the oil regions of western Pennsylvania. It is conveyed to the seaboard—mainly to Baltimore, Philadelphia and Jersey City—through six-inch mains, three or four hundred miles long, carried underground. Thirty million barrels are now stored above ground in huge iron tanks, and over 60,000 barrels of crude oil flow from the earth daily. The oil is distilled from tanks holding 1,200 barrels each. The distillate is divided into three portions—the lightest, colorless portion which comes over first, and is known as crude naphtha, or "benzene," the middle portion, or "kerosene," and lastly the heaviest portions of the distillate, containing paraffine and known as "paraffine oils." The "benzene" is again distilled and separated into "gasoline" and into A, B and C naphtha; these are used in gas machines, for mixing paints, and also for burning in lamps and stoves.

The kerosene proper is purified by agitating with 5 per cent. of strong sulphuric acid, which combines with the offensive matters, forming a black tarry residue which sinks to the bottom of the tank and is known as "sludge." It is used in large quantities in the manufacture of commercial fertilizers. The oil is again washed with strong caustic soda solution, destroying all acid compounds. It is again washed with water, is made nearly colorless, and has the peculiar odor of kerosene and the slight opalescence of these oils. These are the "highest" kerosenes. The test of an oil whether "high" or "low," is the temperature on Fahrenheit's scale to which a half a pint of it must be heated to give off a sufficient amount of inflammable vapor to either flash or burn. "Low-test" oils give off a vapor that will burn when heated from 70 to 90 degrees, Fahrenheit; highest flash at 120 degrees to 140 degrees. No oil that gives off vapors that will flash when a burning match is held over the oil heated at 100 degrees is safe for any legitimate use. The temperature at which the oil itself will take fire is of no importance as an indication of safety, although this is not infrequently used.

The third product of distillation is the dense, thick oil left in the still. This is called "reduced petroleum," and is drawn off and used for lubrication. The oils sold in the markets are roughly divided into three kinds—first, the "normal," or highest oil, which represents the middle distillate; second, the "crooked oils," and third, various mixtures of crooked and normal oils. Crooked oils are made from the dense oils left after the naphtha and illuminating oils have been removed. The dense oils are heated for several hours above their boiling points, and by this process of destructive distillation are separated into a light oil and a carbonaceous residue. Crooked oils contain too much carbon in proportion to their hydrogen; they are not inert to chemical agents like the normal oils. Hence, when they are washed with sulphuric acid they take up sulphurous acid, which, on burning, gives off in the room the fumes of sulphur oxide. The thick easily clogs, and becomes charred and coated with crusts of carbon. The last third, or even half, of the oil in the reservoir becomes murky; the burner, lamp and oil become heated, and the flame dense and smoky; the lighter oils are changed into vapor above the surface of oil in the reservoir, and taking fire from the flames causes the explosion and destruction of the lamp.

The pipe-line oils flow from two great oil districts, which represent two extremes in quality. These two oils are mixed in manufacture. The Butler-Clarion District, or "lower country," as it is called in Butler and Clarion counties, gives an oil containing but a small proportion of the heavy paraffine oils, while the product of the Bradford district has a large proportion of the poorer, heavy oil. Three-fourths of the crude oil flowing into the pipe-line comes from the Bradford wells. As a result, the best brands of oil on the market have deteriorated until it is difficult if not impossible, to purchase an article of burning oil as good as the best offered on the market a few years ago.

Any improvement in the quality of kerosenes must come from the opening of wells giving a superior quality of crude oil, which is not likely, or from the introduction of different and better methods of separating and refining. But this, of course, would increase the cost of the oil. The present laws relating to the test for oil are of little value, and vary in the different states equal to the divorce laws. There is a rich field for scientific investigation here on the part of the general government, ending, perhaps, in some national legislation, to be followed by a revision of state and municipal legislation and the enactment of uniform laws.

## WHOLESALE PRICE CURRENT.

WIDE BROWN COTTONS.	
Androscoogin, 8-4, 23	Pepperell, 10-4, 25
Pepperell, 8-4, 21	Pepperell, 11-4, 27
Pepperell, 8-4, 20	Pequot, 8-4, 21
Pepperell, 8-4, 22	Pequot, 9-4, 24
CHECKS.	
Caledonia, XX, oz., 11	Park Mills, No. 90, 14
Caledonia, X, oz., 10	Park Mills, No. 100, 15
Economy, oz., 10	Prudig, oz., 11
Park Mills, No. 50, 10	Otis Apron, 10-4
Park Mills, No. 60, 11	Otis Furniture, 10-4
Park Mills, No. 70, 12	York, 1 oz., 10
Park Mills, No. 80, 13	York, AA, extra oz., 14
OSNABURG.	
Alabama brown, 7	Alabama plaid, 7
Lowell brown, 9	Augusta plaid, 7
Kennedy brown, 10	Toledo plaid, 7
Lewiston brown, 9	Manchester plaid, 7
Lane brown, 9	New Tenn. plaid, 11
Louisiana plaid, 7	Utility plaid, 6
BLEACHED COTTONS.	
Avondale, 36, 8	Greene, G, 4-4, 5
Art cambrics, 36, 11	Hill, 4-4, 7
Androscoogin, 4-4, 8	Hill, 7-8, 6
Androscoogin, 5-4, 12	Hope, 4-4, 6
Bailou, 4-4, 6	King Phillip cam, 6
Ballou, 5-4, 6	bric, 4-4, 11
Boott, O, 4-4, 8	Linwood, 4-4, 7
Boott, E, 5-5, 7	Lonsdale, 4-4, 10
Boott, AOC, 4-4, 9	Lonsdale cambric, 10
Boott, R, 3-4, 5	Langdon, GB, 4-4, 9
Blackstone, AA 4-4, 7	Langdon, 4-4, 14
Chapman, X, 4-4, 6	Masonville, 4-4, 8
Conway, 4-4, 7	Maxwell, 4-4, 9
Cabot, 4-4, 6	New York Mill, 4-4, 10
Canoe, 3-4, 4	Pocasset, P. M. C., 7
Domestic, 36, 4-4, 7	Pride of the West, 11
Dwight Anchor, 4-4, 7	Pocahontas, 4-4, 7
Davol, 4-4, 9	Slaterville, 7-8, 6
Fruit of Loom, 4-4, 8	Victoria, AA, 9
Fruit of Loom, 7-8, 7	Woodbury, 4-4, 5
Fruit of the Loom, cambric, 4-4, 11	Whitinsville, 7-8, 6
Gold Medal, 4-4, 6	Wamsutta, 4-4, 10
Gold Medal, 7-8, 6	Williamsville, 36, 10
Gilded Age, 36, 8	
SILKES.	
Crown, 17	Masonville TS, 8
No. 10, 12	Lonsdale S, 10
Coin, 10	Lonsdale A, 9
Anchor, 15	Nictory O, 16
Centennial, 8	Victory J, 10
Blackburn, 8	Victory D, 10
Davol, 14	Victory K, 2
London, 12	Phoenix A, 19
Paconia, 12	Phoenix B, 10
Red Cross, 10	Phoenix XX, 5
Social Imperial, 16	
PRIESTS.	
Albion, solid, 3	Gloucester, 6
Albion, grey, 6	Gloucestermourn, 6
Allen's checks, 5	Hamilton fancy, 6
Allen's fancy, 5	Hartel fancy, 6
Allen's pink, 6	Merrimac D, 6
Allen's purple, 6	Manchester, 6
American, fancy, 5	Oriental fancy, 6
Arnold fancy, 6	Oriental robes, 6
Berlin solid, 5	Pacific robes, 6
Cochecho fancy, 5	Richmond, 6
Cochecho robes, 6	Steel River, 5
Conestoga fancy, 6	Simpson's, 6
Eddystone, 6	Washington fancy, 6
Eagle fancy, 6	Washington blues, 7
Garner pink, 6	
FINE BROWN COTTONS.	
Appleton A, 4-4, 7	Indian Orchard, 40, 8
Boott M, 4-4, 7	Indian Orchard, 36, 7
Boston F, 4-4, 7	Laconia B, 7-4, 10
Continental C, 4-3, 6	Lyman B, 40-in, 10
Continental D, 40-in, 8	Mass. BB, 4-4, 5
Conestoga W, 4-4, 6	Nashua E, 40-in, 8
Conestoga D, 7-8, 6	Nashua R, 4-4, 7
Conestoga G, 30-in, 6	Nashua O, 7-8, 6
Dwight X, 3-4, 5	Newmarket N, 6
Dwight Y, 7-8, 5	Pepperell E, 30-in, 7
Dwight Z, 4-4, 6	Pepperell R, 4-4, 7
Dwight Star, 4-4, 6	Pepperell L, 4-4, 7
Ewight Star, 40-in, 9	Pepperell N, 3-4, 6
Enterprise EE, 36, 5	Pocasset C, 4-4, 6
Great Falls E, 4-4, 6	Pocasset R, 4-4, 6
Harmon A, 4-4, 6	Saranac E, 7
Indian Orchard 1-4, 7	
DOMESTIC GINGHAMS.	
Amoskeag, 17	Renfrew, dress styl 1
Amoskeag, 10	Johnson Manfg Co, 12
Amoskeag, 10	Bookfold, 12
Bates, 7	Johnson Manfg Co, 12
Berkshire, 6	dress styles, 12
Glasgow checks, 7	Slaterville, dress, 7
Glasgow checks, 7	styles, 7
Glasgow checks, 7	White Mfg Co, stap 7
Glasgow checks, 7	White Mfg Co, pane 8
Gloucester, new standard, 7	White Manfg Co, 8
Plunket, 7	Earlston, 8
Lancaster, 8	Greylock, dress, 7
Langdale, 7	styles, 12
WIDE BLEACHED COTTONS.	
Androscoogin, 7-4, 21	Pepperell, 10-4, 27
Androscoogin, 8-4, 23	Pepperell, 11-4, 27
Pepperell, 7-4, 20	Pequot, 7-4, 21
Pepperell, 8-4, 22	Pequot, 8-4, 24
Pepperell, 9-4, 25	Pequot, 9-4, 24
HEAVY BROWN COTTONS.	
Atlantic A, 4-4, 7	Lawrence XX, 4-4, 7
Atlantic H, 4-4, 6	Lawrence Y, 30, 11
Atlantic D, 4-4, 6	Lawrence LL, 4-4, 5
Atlantic P, 4-4, 5	Newmarket N, 6
Atlantic LL, 4-4, 5	Mystic River, 4-4, 5
Adriatic, 36, 7	Pequot A, 4-4, 7
Augusta, 4-4, 6	Piedmont, 36, 6
Boott M, 4-4, 6	Stark AA, 4-4, 7
Boott FF, 4-4, 7	Tremont CC, 4-4, 5
Graniteville, 4-4, 5	Utica, 4-4, 6
Indian Head, 4-4, 7	Wachusett, 4-4, 7
Indiana Head 45-in, 12	Wachusett, 30-in, 6
TICKINGS.	
Amoskeag, ACA, 14	Falls, XXXX, 18
Amoskeag, 4-4, 19	Falls, XXX, 15
Amoskeag, A, 13	Falls, BB, 12
Amoskeag, B, 12	Falls, BBC, 36, 12
Amoskeag, C, 11	Falls, awning, 19
Amoskeag, D, 10	Hamilton, BT, 32, 12
Amoskeag, E, 10	Hamilton, D, 9
Amoskeag, F, 9	Hamilton, H, 9
Premium A, 4-4, 17	Hamilton fancy, 10
Premium B, 16	Methuen AA, 13
Extra 4-4, 16	Methuen ASA, 18
Extra 4-4, 15	Omega A, 7-8, 11
Gold Medal 4-4, 15	Omega A, 4-4, 13
CCA 7-8, 12	Omega ACA, 7-8, 14
CT 4-4, 14	Omega ACA, 4-4, 16
RC 7-8, 14	Omega SE, 4-4, 24
BF 7-8, 16	Omega SE, 4-4, 24
AF 4-4, 19	Omega M, 7-8, 22
Cordis AAA, 32, 14	Omega M, 4-4, 25
Cordis ACA, 32, 15	Shetucket S&S, 14
Cordis No. 1, 32, 15	Shetucket S & SW, 12
Cordis No. 2, 14	Shetucket, SFS, 12
Cordis No. 3, 13	Stockbridge A, 7
Cordis No. 4, 11	Stockbridge fancy, 8
GLAZED CAMBRICS.	
Garner, 5	Empire, 5
Hookset, 5	Washington, 4
Red Cross, 5	Edwards, 5
Forest Grove, 5	S. S. & Sons, 5
GRAIN BAGS.	
American A, 18	Old Ironsides, 15
Stark A, 22	Wheatland, 21
DENIMS.	
Boston, 6	Ois CC, 10
Everett blue, 13	Warren AXA, 12
Everett brown, 13	Warren BB, 11
Ois AXA, 12	Warren CC, 10
Ois BB, 11	York fancy, 13
PAPER CAMBRICS.	
Manville, 6	S. S. & Sons, 6
Masgville, 6	Garner, 6
WIGANS.	
Red Cross, 7	Thistle Mills, 8
Berlin, 7	Rose, 8
Garner, 7	
SPOOL COTTON.	
Brooks, 50	Eagle and Phoenix, 30
Clark's O. N. F., 55	Mills ball sewing, 30
J. & P. Coats, 55	Green & Daniels, 25
Williamette 6 cord, 55	Merricks, 40
Williamette 3 cord, 40	Stafford, 25
Charleston ball sew, 30	Hall & Manning, 25
ing thread, 30	Holyoke, 25
CORSET JEANS.	
Armory, 7	Kearsage, 8
Androscoogin sat, 8	Naumkeag satteen, 8
Canoe River, 6	Pepperell bleached, 8
Clarendon, 6	Pepperell sat, 9
Hallowell Imp, 6	Rockport, 7
Ind. Orch. Imp, 7	Lawrence sat, 8
Laconia, 7	Conegost, 7
COAL AND BUILDING MATERIALS.	
A. B. Knowlson quotes as follows:	
Ohio White Lime, per bbl., 1 00	
Ohio White Lime, car lots, 85	
Louisville Cement, per bbl., 1 30	
Akron Cement, per bbl., 1 30	
Buffalo Cement, per bbl., 1 30	
Car lots, 1 05	
Plastering hair, per bu., 25	
Stucco, per bbl., 1 75	
Land plaster, per ton, 3 50	
Land plaster, car lots, 2 50	
Fire brick, per M., \$25 @ \$35	
Fire clay, per bbl., 3 00	
COAL.	
Anthracite, egg and grate, car lots, \$8 00 @ \$25	
Anthracite, stove and nut, car lots, 6 25 @ \$50	
Cannel, car lots, 6 00 @ 00	
Ohio Lump, car lots, 3 10 @ \$25	
Blossburg or Cumberland, car lots, 4 50 @ \$25	
Portland Cement, 3 50 @ \$4 00	

## 4TH OF JULY!

# CANNON POWDER,

### BLANK CATRIDGES, ETC.

## L. S. HILL & CO., Jobbers,

21 Pearl st., Grand Rapids.

## THE LEADING BRANDS OF TOBACCO

Offered in this Market are as follows:

### PLUC TOBACCO.

RED FOX	48
BIG DRIVE	50
PATROL	46
JACK RABBIT	38
SILVER COIN	46
PANIC	46
BLACK PRINCE, DARK	35
BIG STUMP	38
APPLE JACK	46

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

## FINE CUT.

THE MEIGS FINE CUT, DARK, Plug flavor	64
STUNNER, DARK	38
RED BIRD, BRIGHT	50
OPERA QUEEN, BRIGHT	40
FRUIT	32
O SO SWEET	30

2c less in 6 pail lots.

## SMOKING.

ARTHUR'S CHOICE, LONG CUT, BRIGHT	22
RED FOX, LONG CUT, FOIL	26
GIPSEY QUEEN, GRANULATED	26
OLD COMFORT, IN CLOTH	27
SEAL OF GRAND RAPIDS, IN CLOTH	24
DIME SMOKER, IN CLOTH	24

2c less in 100 pound lots.

These brands are sold only by

## Arthur Meigs & Co.

# Wholesale Grocers,

Who warrant the same to be unequalled. We guarantee every pound to be perfect and all right in every particular. We cordially invite you, when in the city, to visit our place of business, 55 and 57 Canal st. IT MAY SAVE YOU MONEY.

## TO THE TRADE.

We wish to call the attention of the trade to the fact that we are manufacturing a line of OVERALLS, SACK COATS, JUMPERS, ETC. Which we guarantee to be superior in make, fit and quality to be any in the market.

OUR OVERALLS AND SACK COATS

Comprise all the best points it takes to make up good, durable and desirable goods. The main points in our Overalls are the superior cut and high waist, making them perfect hip fitting, so that no suspenders need be used to keep them up in place.

OUR SACK COATS

Are cut full so as not to bind in any part and large enough for any man.

EVERY GARMENT IS WARRANTED NOT TO RIP.

If in any case they should rip or not give perfect satisfaction, give the purchaser another pair and charge to us.

OUR PRICES ARE LESS

than any other factory making first-class goods. All dealers will find it to their interest to send for samples and prices before placing their orders elsewhere.

**Michigan Overall Co., Ionia, Mich.**

No convict labor used in the manufacture of our goods.

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 Old Reliable NIMROD

### PLUG TOBACCO

Is for Sale by all Grand Rapids Jobbers.

SAMPLES FURNISHED ON APPLICATION.

## S. W. VENABLE & CO.

Petersburg, Va.

## Oysters and Fish

# F. J. Dettenthaler,

117 MONROE ST.

## PERKINS & HESS,

DEALERS IN

## Hides, Furs, Wool & Tallow,

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

## Curtiss, Dunton & Co.,

### PROPRIETORS

## Grand Rapids Tank Line.

We receive Illuminating and Lubricating Oils direct from the Refineries in Tanks, and barrel it here.

### OUR BRANDS.

XXX Water White.	Prime White, Michigan Test.
Electroleum.	Michigan Test.
LUBRICATING.	
French Valve Cylinder.	King Cylinder.
Dark Valve Cylinder.	Globe Cylinder.
Eureka Engine.	25° Paraffine.
No. 1 Golden.	No. 2 Golden.
No. 3 Golden.	Zero W. Va.
15° Chill Test W. Va.	Summer West Va.
74 Gasoline.	87 Gasoline.
Extra Globe Engine.	Lard Engine.
Lardoline.	Castoroline.
Rubbing Oils.	Amber Engine.
Globe Axle Grease.	

We guarantee best value for the price on all our Lubricating Oils.

## CURTISS, DUNTON & CO.


## Sands' Patent Triple Motion

# WHITE MOUNTAIN ICE CREAM FREEZER!

The only Freezer ever made having three distinct motions, thereby producing finer, smoother Cream than any other Freezer on the market. Acknowledged by every one to be the best in the world. Over 300,000 in use to-day. Outside Irons Galvanized, but all inside the can coated with Pure Black Tin. Tubs water-proof; easily adjusted and operated. We also carry large stock of Packing Tubs, Packing Cans, Ice Crushers, etc. Send for Price List and Trade Discounts. Address

## Foster, Stevens & Co.,

Grand Rapids, Mich. Agents for Western Michigan.



## SPRING & COMPANY,

WHOLESALE DEALERS IN

## Staple and Fancy

# DRY GOODS,

## CARPETS,

## MATTINGS,

## OIL CLOTHS

### ETC., ETC.

6 and 8 Monroe Street,

Grand Rapids, Michigan.



# The Michigan Tradesman.

## BUSINESS LAW.

### Brief Digests of Recent Decisions in Courts of Last Resort.

#### EMBEZZLEMENT OF LETTERS—POSTAL DELIVERY.

An interesting question was raised in the recent case of the United States vs. Badger in the United States Circuit Court at Boston—namely, as to whether the United States government protects letters after they have been delivered into a private box which the person to whom they are directed has authorized. The court ruled in this case, in which the defendant was tried for embezzling letters, that the United States protects letters until they reach the person to whom they are addressed, and that a delivery into a box such as that described above is not a delivery to the person.

#### DEBTOR AND CREDITOR—PREFERENCES—FRAUD.

In the case of Bouton vs. Smith et al. the Supreme Court of Illinois held that the payment to one stockholder of a private corporation for advances or loans made by him to the corporation, and interest thereon, by the transfer of notes and account, was not fraudulent as to other creditors of the corporation, being at most a preference of one creditor over others, which the law allows, but that the payment by an insolvent corporation to a stockholder of a demand which was not a legal subsisting debt capable of being enforced by suit, was a mere gift, and fraudulent as to bona fide creditors.

#### PATENT—INFRINGEMENT—USER.

Where the defendant bought from abroad articles which, if made in England, would be an infringement of the plaintiff's patent, and used them in his laboratory for the purpose of experimenting and instructing his pupils, allowing them to examine them and pull them to pieces, they being cheaper than the plaintiff's patented article, which he said he could not afford to buy for such a purpose, the Chancery Division of the High Court of Justice (England) held that such a user was a user for the advantage of the defendant, and consequently an infringement of the plaintiff's patent.

#### VOLUNTEERED SERVICE CONTRACTS.

The Supreme Court of Michigan held in the recent case of Scott vs. Maier that an architect who volunteered his services with the chances of future employment could not recover for preliminary sketches which were not accepted on the basis of a percentage on the probable cost of the building. The court said that whether there had been any agreement to reward the architect for his trouble or not, evidence of a custom of architects to base a charge for such preliminary work on their estimates of projected buildings could not be received to determine the amount of the defendant's liability in the absence of a contract assenting to such custom.

#### GAMBLING CONTRACTS—MUTUAL UNDERSTANDING.

In the case of the First National Bank of Lyons vs. The Oskaloosa Packing Co., the Supreme Court of Iowa added still another to the long list of recent decisions holding that when the parties to an executory contract for the sale of property intend that there shall be no delivery thereof, but that the transaction shall be settled by the payment of the difference between the contract price and the market price of the commodity at a time fixed, the contract is void, but that it must be shown, by a preponderance of the evidence, that both parties to the contract intended that it should be preformed by a mere payment of differences, and not by a delivery of the property.

#### RAILROAD COMPANIES—LIEN OF JUDGMENT.

Section 1309 of the Iowa Code, providing that a judgment against a railroad company for injury to persons or property should be a lien, within the county where recovered, on the property of the company, and that such lien should be prior and superior to the lien of any mortgage or trust deed executed since July 4, 1862, was held constitutional by the State Supreme Court of Iowa. The court further held that where the property of a railroad had been transferred to a receiver by order of the United States Circuit Court, subject to all "claims, debts and liabilities," such property in his hands was liable for the payment of a claim for damages for an injury to an employee.

#### BANK DEBTOR MORTGAGE.

Where a debtor of a bank conveyed his interest in a tract of land to an officer of the bank, under an agreement that the debtor should aid in perfecting the title thereto, in obtaining sales of the same under prior liens and procuring satisfaction of incumbrances, the bank to pay the parties holding such liens and incumbrances, and to allow a credit for the net value of such land over and above the costs and expenses incurred in perfecting the title, upon certain notes, given it by a third person, which notes, when paid, the bank had agreed should satisfy a large amount of the debtor's unsettled liabilities to it, whereby the debtor was to receive the benefit from the satisfaction of his debts to the bank, but in no event was to have any right to redeem the property from the bank, the Supreme Court of Illinois held that the conveyance and agreement did not constitute the transaction a

mortgage by the debtor, and that such arrangement was not fraudulent as to other creditors of the debtor.

#### ABATEMENT OF ACTION—PARTNERSHIP.

An action brought by the members of a firm for slander of its financial condition and credit does not abate by the death of one of the plaintiffs pending suit, according to the decision of the New York Supreme Court in the case of Shale vs. Minges, of which a note appears in the Albany Law Journal. The question is novel, and must be disposed of on principles deemed applicable to the nature of a partnership and the relation of the surviving members to it. \* \* \* On the death of one of several members of a partnership no personal representative takes his place in respect to the partnership property. He by the event is taken out of the firm, and a dissolution is the consequence, but practically the dissolution has relation only to subsequent business transactions to a qualified extent. While the agency in the surviving members is so qualified that they cannot create any new obligations or liabilities, their relation to the situation in which the death of the member left the property and business enables them respectively to manage and control its affairs as fully and completely as before. \* \* \* The joint relation of the survivors is not broken into a tenancy in common by such death, nor are their relation and equities impaired by it. The property of the firm does not, nor do any rights of action in respect to its matters pass to any representative of the partnership. It and all the then existing rights of the firm continue in the survivors, and are theirs at law the same as they had been prior to the death of the one member; the property and rights of all united. And to that extent, and for all practical purposes limited as before mentioned, it may be said that the place prior to that event filled by the three is after such death occupied by the two survivors. \* \* \* The relation of the surviving plaintiffs to the action is in no sense that of representatives or assignees of the firm as distinguished from the firm itself. The cause of action is theirs, deemed originally theirs, and continues to be such. They in law are principals and owners in respect to the matters of the partnership by virtue of their relation as partners and because they are survivors. Their rights in that respect are not derivative or representative. The right of action in question was in the firm. The death of the member neither vests any rights in the survivors, nor does it divest them of any rights of property or action then existing. In the prosecution of this action they are exercising no new or derived powers, and asserting no new or additional rights.

### DRYDEN & PALMER'S ROCK CANDY.

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

John Caulfield,  
Sole Agent for Grand Rapids

### JOBBER, ATTENTION! TWENTY DOLLARS SAVED —BY— INVESTING TEN DOLLARS IN USING DUNHAM'S PATENT

#### Combination Tag and Envelope.

IT SAVES Postage, Envelopes, Addressing Letters, Sticking Stamps, Delivery to Post-office.

IT DELIVERS Bill with Goods, via Express, one to three hours earlier than by Mail.

Send for samples and prices to

E. A. Stowe & Bro.,  
Manufacturers' Agents,  
GRAND RAPIDS, MICH.



### D. W. Archer's Trophy Corn, D. W. Archer's Morning Glory Corn, D. W. Archer's Early Golden Drop Corn

NO. 2. AND 3 CANS.  
YOUNG, TENDER AND SWEET,  
NATURAL FLAVOR RETAINED.  
GUARANTEED PURITY.  
\$1,000 IN GOLD.  
NOT SWEETENED WITH SUGAR.  
NO CHEMICALS USED.  
NOT BLEACHED WHITE.  
NO WATER IN CANS.

The Trade supplied by Wholesale Grocers Only. Respectfully,

THE ARCHER PACKING CO., Chillicothe, Ills.

### THE GRAND RAPIDS ROLLER MILLS

MANUFACTURE A

### NEW IMPROVED PATENT ROLLER FLOUR.

The Favorite Brands are

"SNOW-FLAKE" AND "LILY WHITE PATENT," AND  
FANCY PATENT "ROLLER CHAMPION."

Prices are low. Extra quality guaranteed. Write for quotations.

### VALLEY CITY MILLING CO.,

EAST END BRIDGE ST. BRIDGE, 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

## Putnam & Brooks,

Wholesale Manufacturers of

# PURE CANDY!

AND DEALERS IN

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

## West Michigan Oil Company,

(SUCCESSORS TO STANDARD OIL CO.)

63 Monroe Street, Grand Rapids, Mich.

Jno. C. Bonnell, Pres.

J. H. Bonnell, Sec'y.

# Illuminating and Lubricating OILS, Naphtha and Gasoline, Greases, Etc.

CAPITOL CYLINDER.

MODEL

SHIELD

BACKUS FINE ENGINE.

ELDORADO

PEERLESS MACHINERY.

CHALLENGE MACHINERY

BLACK DIAMOND.

PARAFINE, 250.

SUMMER, WEST VA.

250 to 300

150 C. T.

ZERO.

630 DEO. NAPHTHA.

740 " GASOLINE.

870 GASOLINE.

## C. R. MAYHEW, Grand Rapids, Mich.

AGENT FOR WOOL-  
SOKET AND WALES  
GOODYEAR RUB-  
BER COM-  
PANIES.



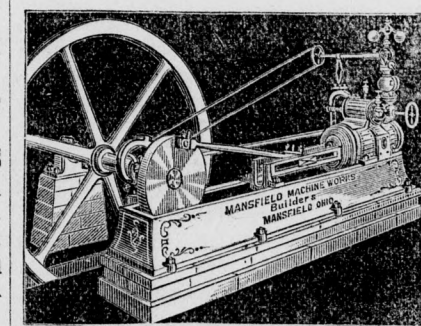
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Company's. Write  
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and Dis-  
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Are You Going to  
Helve a Store, Pan-  
try or Closet?



## PORTABLE AND STATIONARY ENGINES

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



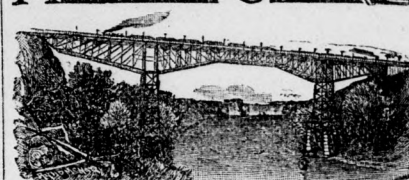
W. C. DENISON,  
88, 90 and 92 South Division Street,  
GRAND RAPIDS, MICHIGAN.

## PETER DORAN, Attorney-at-Law,

Pierce Block, Grand Rapids, Mich.  
Practices in State and United States Courts  
Special attention given to  
MERCANTILE COLLECTIONS.

## TIME TABLES.

### MICHIGAN CENTRAL



#### The Niagara Falls Route.

DEPART.  
\*Detroit Express..... 6:00 a.m.  
\*Day Express..... 12:45 p.m.  
\*Atlantic Express..... 9:20 p.m.  
Way Freight..... 6:50 a.m.  
ARRIVE.  
\*Pacific Express..... 6:00 a.m.  
\*Mail..... 3:50 p.m.  
\*Grand Rapids Express..... 10:50 p.m.  
Way Freight..... 5:15 a.m.  
\*Daily except Sunday. \*Daily.  
Sleeping cars run on Atlantic and Pacific Express.  
Direct and prompt connection made with Great Western, Grand Trunk and Canada Southern trains in same depot at Detroit, thus avoiding transfers.  
The Detroit Express leaving at 6:00 a. m., has Drawing Room and Parlor Car for Detroit, reaching that city at 11:45 a. m., New York 10:30 a. m., and Boston 3:45 p. m. next day.  
A train leaves Detroit at 4 p. m. daily except Sunday with drawing room car attached, arriving at Grand Rapids at 10:50 p. m.  
J. T. SCHULTZ, Gen'l Agent.

#### Chicago & West Michigan.

Leaves. Arrives.  
\*Mail..... 9:15 a.m. 4:25 p.m.  
\*Day Express..... 12:35 p.m. 10:45 p.m.  
\*Night Express..... 8:35 p.m. 4:45 a.m.  
\*Daily. \*Daily except Sunday.  
Pullman Sleeping Cars on all night trains. Through parlor car in charge of careful attendants without extra charge to Chicago on 12:35 p. m., and through coach on 9:15 a.m. and 9:35 p. m. trains.  
NEWAYGO DIVISION.  
Express..... 4:15 p.m. 4:05 p.m.  
Express..... 8:05 a.m. 11:15 a.m.  
All trains arrive and depart from Union Depot.  
The Northern terminus of this Division is at Baldwin, where close connections are made with P. & M. trains to and from Ludington and Manistee.  
J. H. CARPENTER, Gen'l Pass. Agent.  
J. B. MULLIKEN, General Manager.

#### Lake Shore & Michigan Southern.

(KALAMAZOO DIVISION.)  
Leaves. Arrives.  
Express..... 7:15 p.m. 7:30 a.m.  
Mail..... 9:50 a.m. 4:00 p.m.  
All trains daily except Sunday.  
The train leaving at 7:15 p. m. connects at White Pigeon with Atlantic Express on Main Line, which has Palace Drawing Room Sleeping Coaches from Chicago to New York and Boston without change.  
The train leaving at 7:30 a. m. connects at White Pigeon (giving one hour for dinner) with special New York Express on Main Line.  
Through tickets and berths in sleeping coaches can be secured at Union Ticket office, 67 Monroe street and depot.  
J. W. MCKENNEY, Gen'l Agent.

#### Detroit, Grand Haven & Milwaukee.

GOING EAST. Arrives. Leaves.  
\*Steamboat Express..... 6:15 a.m. 6:25 a.m.  
\*Through Mail..... 10:10 a.m. 10:20 a.m.  
\*Evening Express..... 3:20 p.m. 3:35 p.m.  
\*Limited Express..... 6:25 p.m. 6:30 p.m.  
\*Mixed, with coach..... 10:30 a.m.  
GOING WEST.  
\*Morning Express..... 1:05 p.m. 1:10 p.m.  
\*Through Mail..... 5:10 p.m. 5:15 p.m.  
\*Steamboat Express..... 10:40 p.m. 11:45 p.m.  
\*Mixed..... 7:10 a.m. 7:10 a.m.  
\*Night Express..... 5:10 a.m. 5:20 a.m.  
\*Daily, Sundays excepted. \*Daily.  
Passengers leaving at 5:25 a. m. Express make close connections at Owosso for Lansing and at Detroit for New York, arriving there at 10:00 a. m. the following morning.  
Parlor Cars on Mail Trains, both East and West.  
Train leaving at 10:45 p. m. will make connection with Milwaukee steamers daily except Sunday.  
The mail has a Parlor Car to Detroit. The Night Express has a through Wagner Car and local Sleeping Car Detroit to Grand Rapids.  
D. POTTER, City Pass. Agent.  
GEO. B. REEVE, Traffic Manager, Chicago.

#### Grand Rapids & Indiana.

GOING NORTH. Arrives. Leaves.  
Cincinnati & Gd Rapids Ex. 8:45 p.m. 10:25 a.m.  
Cincinnati & Mackinac Ex. 7:00 a.m. 10:25 a.m.  
Ft. Wayne & Mackinac Ex. 10:35 p.m. 11:45 p.m.  
G'd Rapids & Cadillac Ac. 7:10 a.m. 7:10 a.m.  
GOING SOUTH.  
G. Rapids & Cincinnati Ex. 7:15 a.m. 7:15 a.m.  
Mackinac & Cincinnati Ex. 3:50 p.m. 6:00 p.m.  
Mackinac & Ft. Wayne Ex. 10:25 a.m. 11:45 p.m.  
Cadillac & G'd Rapids Ac. 7:40 p.m. 7:40 p.m.  
All trains daily except Sunday.  
SLEEPING CAR ARRANGEMENTS.  
North—Train leaving at 5:00 o'clock p. m. has Woodruff Sleeping Cars for Petoskey and Mackinac City. Train leaving at 10:25 a. m. has combined Sleeping and Chair Car for Traverse City.  
South—Train leaving at 4:35 p. m. has Woodruff Sleeping Car for Cincinnati.  
C. L. LOCKWOOD, Gen'l Pass. Agent.

#### Detroit, Mackinac & Marquette.

Trains connect with G. R. & I. trains for St. Ignace, Marquette and Lake Superior Points, leaving Grand Rapids at 10:25 a. m. and 11:00 p. m., arriving at Marquette at 3:30 p. m. Returning leave Marquette at 2:20 p. m., arriving at Grand Rapids at 12:35 a.m. and 3:50 p. m. Connection made at Marquette with the Marquette, Houghton and Ontonagon Railroad for the Iron, Gold and Silver and Copper Districts.  
F. MILLIGAN,  
Gen'l Frt. & Pass. Agt., Marquette, Mich.

#### Goodrich Steamers.

Leave Grand Haven Tuesday, Thursday and Sunday evenings, connecting with train on D. & G. H. & M. Ry. Returning, leave Chicago Monday, Wednesday and Friday evenings, at 7 o'clock, arriving at Grand Haven in time for morning train east.

#### Grand River Steamer.

The Steamer Barrett leaves her dock for Grand Haven, Mondays, Wednesdays and Fridays, returning on alternate days.

#### SHIPPING BASKETS AND BOXES



## READ! READ! READ!

HAZELTINE, PERKINS & CO. have

Sole Control of our Celebrated

Pioneer Prepared Paint!

The ONLY Paint sold on a GUARANTEE.

Read it.

When our Pioneer Prepared Paint is put on any building, and if within three years it should crack or peel off, and thus fail to give the full satisfaction guaranteed, we agree to repaint the building at our expense, with the best White Lead or such other paint as the owner may select. Should any case of dissatisfaction occur, a notice from the dealer will command our prompt attention. T. H. NEVIN & CO.  
Send for sample cards and prices. Address

Hazeltine, Perkins & Co.  
GRAND RAPIDS, MICH.











# The Michigan Tradesman.



SOLIMAN SNOOKS.

## Happy Termination of the Assault and Battery Case.

CANT HOOK CORNERS, June 19, 1885. Mister Editor of Tradesman.

DEAR SIR—Well, my trial has come off. We proved to the satisfaction of the court, Squar Potts, that he, the said court afore-said, was prejudiced against said respondent, Soliman Snooks. Therefore he, the said court, transferred said case to John Q. Bannister, Esq., of Grumbleton.

We had the biggest old picnic of a time over that you ever seen in your life. About half the town was speaned as witnesses and the other half dropped all business and went over to see the trial. Of course Bilson and I had to lock up, as our clerks was witnesses, too.

My witnesses had three fights, with the same number of Bilson's witnesses, before the case was called. In fact the case was tried fifteen or twenty times over in the streets of Grumbleton before 10 o'clock. The prosecuting attorney was on hand for the people, and the case was opened at 10 a. m. by my pleading not guilty and demanding a jury. Then the fun began—such a time as constable Tompkins had gettin a jury that would stick, I never saw before. He went out and got the first six that was struck, but they all happened to be merchants or clerks in stores, so they had every last one of 'em read all about the fight in THE TRADESMAN, so they was no good. Then Tompkins began to run out to bring in new ones and he had to keep running pretty much all the afternoon, becoss nearly every man had read about the case in some of the papers.

At last, six men were collected that never read the papers, or anything else, and I tell you the array made me proud of our American jury system. The foreman was the most intellectual looking man in the lot, and he said:

"Yas, I've hearn tell of this ere fought, but I haint seed nothin of it in no papers."

Wilkins—"Have you formed any opinion about the case, Mr. Jones?"

"No; I never form any kind of an opinion about nothin."

Both attorneys were satisfied that Mr. Jones was a competent man to try the case.

PHILANDER BILSON SWORE.

Witness gave a description of the fight from first to last. Then my attorney, Wilkins, got in our *Coop de e-clap*, as the French say, on the cross examination:

Wilkins—"Mr. Bilson, you say you came out of the fight with a black eye."

"Yes, sir."

"How did you receive the damage to said eye?"

"I-I don't just exactly know. As near as I can remember, the respondent, Snooks, hit me with his fist."

"Are you certain he hit you?"

"Well—no, not perfectly."

"Perhaps we can refresh your mind, so you can remember. Will you kindly inform the court and jury as to whether this is your hand writing or not?"

Witness examines paper.

"Well—yes, I should say it was."

"Is that your signature?"

"It is."

"What is the date of that document?"

"May 5, 1885."

"Now witness, this document makes certain statements regarding this fight. They were made directly after said fight, were they not?"

"Yes sir, they were."

"Are you in the habit of writing falsehoods to the papers?"

"N-no sir, I am not."

"This article was written for and printed in THE MICHIGAN TRADESMAN, was it not?"

"I—I think it was; yes, sir."

"Is the article a true statement of the occurrence, as you then remembered it, while fresh in your memory?"

"Yes sir, as far as I know."

Wilkins—"Your honor, we submit this manuscript in evidence. That is all, Mr. Bilson."

The prosecuting attorney objected, but the document was allowed by the justice. After reading the article over and whispering to Bilson a little, the prosecuting attorney arose and entered a nolly pro-suee in the case. He said:

"May it please your honor, we beg leave to withdraw and end the case. We are of the opinion that there is no cause of action, inasmuch as the fight was about equal and

from the evidence now before the court, it would seem that the respondent was the only one that got hit in the row."

The motion was entered and the prisoner discharged. Then we had a high old time, you bet. None of the Cornerites went home until about 10 p. m. Bilson said he was glad it was over. He was sick of it, he said. Well, I am glad, but I think if Wilkins had not had the happy idea of sending down to you for that manuscript, the trial would have lasted two or three days.

You see, Mr. Editor, we knew Bilson like a book. We knew that he had rather be beaten in the suit than to admit that he had lied in his newspaper account. But something seems to have come over Phil. I don't know what to make of it, for my part. He seems sort of subdued like and don't act so bitter against me as he did. He has just got back from Saginaw, and I notice he has a new suit throughout from boots to plug hat. Can he be in love? Blamed if it don't look like it. Sarah Potter told Sister Spriggs yesterday, that she heard Jane Vitzzen tell Kate Hancock, that Potts hired girl told Widdler Hobson, that Jerusia Spilkins had a new carpet, a set of chairs and a silk dress pattern come from Saginaw. By Crickets! it must be so. The news come straight, anyway.

Bilson came in after his mail himself this noon, for the first time in five weeks, and I nodded my head to him and he returned the salutation.

The Widdler is doing a good trade now, got orders in for four hats and three bonnets.

I intended to give you my ideas regarding the new pharmashuticle law, etc., but it was crowded out by this blamed trial. The last society we started holds a meeting next week and so does the N. D. P. A. How the dickens I can get time to tend so many things, I don't see.

Yours, chuck full of bizness,

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

Description of a Visit to that Jobbing Center.

CANT HOOK CORNERS, JUNE 19, 1885. Editor of Tradesman:

Well, I've been over to the raging Saginaws this week. You see I used to buy all my supplies there before they put the other railroad through, and as business wasn't rushing just now, I made up my mind I'd run over to the old stamping ground, and see how the land lay, as it were.

Things have changed considerable since I was there last. The traditional corkscrew still survives, but water doesn't seem to be so plentiful in the principal streets as it was fifteen or twenty years ago. I used to buy my dry goods in those days of Jim Livingston, who was then never known to have more than one suit of clothes at a time. Jim Stewart looks as young as he did a dozen years ago, but they say he can drink more whisky now than any man in the Valley. His handwriting hasn't improved with age. Mr. Plumb showed me the mammoth ball and bat presented him by the ladies of Grand Rapids, on the occasion of the visit of the Saginaw jobbers to the Valley City, last summer, and also the cant hook which is warranted to knock a ball clean over the fence every time. Charley Prindle, over at Wells, Stone & Co.'s, also showed me several souvenirs of his Grand Rapids visit, as well as several presents received from there since. I went around to Bell's and made arrangements with him to handle our huckleberries this year. We didn't have many last season, on account of the fires in the woods.

The first day I was in Saginaw, I couldn't find a grocery jobber anywhere, and I asked a clerk at one of the establishments where their place of business was, and he said it was "out at the ball park"; and, sure enough, every last one of them was out there playing a scrub game to work up their muscle.

They say they expect a challenge from Grand Rapids before long, and intend to put themselves in shape to scoop you on both games this season. I hope they will, for they are as jolly a lot of fellows as you will meet anywhere.

I was so well pleased with my reception in the Saginaws that I am going down there again in the near future, after which I can tell you more about the boys.

Yours salinely,

PHILANDER BILSON, N. P.  
N. B.—"N. P." means notary public. I got my commission from the Governor yesterday.

Try the Crescent Mills "All Wheat" flour, made by an entirely new process. Voigt Milling Co., Grand Rapids, Mich.

O. H. RICHMOND & CO.

GRAND RAPIDS, MICH.

MANUFACTURERS OF

Richmond's Family Medicines.

RICHMOND'S LIVER ELIXIR.

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

Richmond's Cubeb Cream,

Richmond's Ague Cure,

Richmond's Cough Cure,

Richmond's Easy Pills,

Dr. Richards' Health Restorer.

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

JUDD & CO.,

JOBBERS OF SADDLERY HARDWARE

And Full Line Summer Goods.

102 CANAL STREET.

## OUR NEW CIGAR. WARREN'S SPECKLED HAVANA.

They are a novelty in the Cigar line. Every one of them is naturally speckled. The greatest sellers ever put on the market. We solicit a trial order from every first-class dealer in the State. Fully guaranteed.

MANUFACTURED BY

Geo. T. Warren & Co

FLINT, MICH.

JENNINGS & SMITH,

PROPRIETORS OF THE

Arctic Manufacturing Co.,

20 Lyon St., Grand Rapids.

ASK YOUR JOBBER FOR

Jennings' Flavoring Extracts,

—AND—

Arctic Baking Powder.

CLARK, JEWELL & CO.,

WHOLESALE

## Groceries and Provisions,

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

GRAND RAPIDS, - - - MICHIGAN.

RINDGE, BERTSCH & CO.,

MANUFACTURERS AND WHOLESALE DEALERS IN

BOOTS AND SHOES.

AGENTS FOR THE

BOSTON RUBBER SHOE CO.

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

14 and 16 Pearl Street, Grand Rapids, Mich.

CHOICE BUTTER A SPECIALTY!

CALIFORNIA AND OTHER FOREIGN AND

DOMESTIC FRUITS AND VEGETABLES. Care-

ful Attention Paid to Filling Orders.

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

MUSKECON BUSINESS DIRECTORY.

ANDREW WIERENGO

WHOLESALE GROCER,

FULL LINE OF SHOW CASES KEPT IN STOCK.

WIERENGO BLOCK, PINE STREET, - MUSKEGON, MICH.

TO FRUIT CROWERS

—THE—

Muskegon Basket Factory

Having resumed operations for the season is prepared to supply all kinds of

FRUIT PACKAGES!

At Bottom Prices. Quality Guaranteed.

WE MAKE A SPECIALTY OF PEACH AND GRAPE BASKETS.

MUSKECON SAW AND FILE WORKS

Manufacturers of

FILES AND RASPS OF ALL DESCRIPTIONS,

And Repairers of Saws. Our long experience in both branches of business enables us to do better work than any other firm in the State. All work done promptly and warranted to give satisfaction. Works on First street, near Rodgers Iron Manufacturing Co.'s Shops, Muskegon.

Smith & Hazlett, Proprietors.

S. S. MORRIS & BRO.,

PACKERS

—AND—

Jobbers of Provisions,

CANNED MEATS AND BUTTERS.

CHOICE SMOKED MEATS A SPECIALTY.

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

## H. LEONARD & SONS,

16 Monroe st., Grand Rapids, Mich.

## Jelly Tumblers.

1 1/2	Pint Tin Top Jellies, per box of 6 doz.	\$2.50
1 3/4	" " " " " "	2.00
1 3/4	" Common Tumblers, " " "	2.15
1 1/2	" Queen Glass, Cover Indexed with names of all Fruits, per box of 6 doz.	3.75
1 3/4	" Screw Cap Pail Jellies with wire handles per box of 6 doz.	3.50
1 1/2	" Same.	4.25
1	" or 1 pound size same.	6.25

NO CHARGE FOR BOXES.

## Fruit Jars.

1	Pint Mason's, per gross.	\$11.00
1	Quart " " "	12.00
1 1/2	Gallon " " "	15.00

No charge for boxes.

## Crockery.

We carry the following lines of Earthenware in open stock, or by the package, and can quote ROCK BOTTOM PRICES on application:

Wedgewood & Co. English White Granite.	" " " Lustre Band.
T. and R. Bootes' " Semi-Porcelain.	" " " Decorated Brown Lahore.
G. W. Turner & Sons' Eng. " " Brazil.	" " " " " Gold Band.
Haviland & Co.'s French China White.	" " " " " "

We are Western Agents for

Knowles, Taylor & Knowles' American White Granite.

## H. LEONARD & SONS.

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## Cracker Manufacturers,

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AMBOY CHEESE.

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T. R. HARRIS & CO., COHOCTON, N. Y.

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SAW AND CRIST MILL MACHINERY,

Planers, Matchers, Moulders and all kinds of Wood-Working Machinery,

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## DARK AROMATIC

Fine Cut Chewing Tobacco is the very best dark goods on the Market.

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