

# The Michigan Tradesman.

VOL. 3.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, DECEMBER 30, 1885.

NO. 119.

## A WORD TO RETAIL GROCERS

Ask your wholesale grocer for Talmage Table Rice. It is equal to the best Carolina and very much lower in price. ALWAYS PACKED IN 100 POUND POCKETS.

Dan Talmage's Sons, New York.

## EATON & CHRISTENSON,

Agents for a full line of

## S. W. Venable & Co.'s

PETERSBURG, VA.,

## PLUG TOBACCOS,

NIMROD,

E. C.,

BLUE RETER.

SPREAD EAGLE,

BIG FIVE CENTER.

PERKINS & MASON,

Insurance and Law Office,

SOLICITORS OF PATENTS.

MONEY TO LOAN

ON REAL ESTATE.

PENSION, BOUNTY AND ALL

WAR CLAIMS PROSECUTED.

Correspondence Solicited.

75 Lyon St., Court Block, Grand Rapids, Mich.

## Sweet 16

### Laundry Soap

MANUFACTURED BY

OSBERNE, HOSICK & CO.

CHICAGO, ILL.

## 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

## PEIRCE & WHITE,

JOBBER OF

CHOICE IMPORTED AND

DOMESTIC CIGARS,

Plug, Fine Cut and Smoking

Tobaccos,

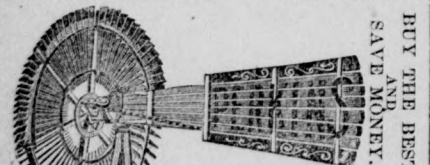
Specially Adapted to

the Trade.

79 Canal Street, Grand Rapids, Mich.



## THE PERKINS WIND MILL.



It has been in constant use for 15 years, with a record equalled by none. WARRANTED not to blow down unless the tower goes with it; or against any wind that does not disabuse substantial

farm buildings; to be perfect; to outlast and do better work than any other mill made.

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

LADIES

AND

CHILDREN:

How to make a

light summer shoe

"do" for winter.

Mothers, do not

fail to investigate

this.

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.

## WANTED.

TO CONTRACT FOR 2,000 CORDS OF BASSWOOD BOLTS FOR EXCELSIOR. ADDRESS A. DONKER, 383 BROADWAY, GRAND RAPIDS, MICH.

## HENRY KRITZER,

PROPRIETOR

## NEWAYGO

## Roller Mills

MANUFACTURER OF THE

## "Crown Prince"

BRAND.

ALWAYS UNIFORM IN QUALITY.

FINEST GRADES OF WHEAT AND

BUCKWHEAT FLOUR A SPECIALTY.

BUCKWHEAT FLOUR, ROLLER PRO-

CESS, GUARANTEED PURE.

The Tower of Strength.

Golden Seal Bitters, a perfect renovator of

the system, carrying away all poisonous de-

posits, Enriching, Refreshing and Invigorat-

ing both mind and body. Easy of administra-

tion, prompt in action, certain in results. Safe

and reliable in all forms of liver, stomach, kid-

ney and blood diseases. It is not a vile, fancy

drink, but is entirely vegetable. This medicine

has a magic effect in Liver Complaints and

every form of disease where the stomach fails to

do its work. It is a tonic. It will cure dys-

pepsia. It is an alternative and the best remedy

known to our Materia Medica for diseases of

the blood. It will cure Kidney diseases, Ner-

vousness, Headache, Sleeplessness and en-

feebled condition of the system. The formula

of Golden Seal Bitters is a prescription of a

most successful German physician, and thou-

sands can testify to their curative powers. Sold

by Hazeltine, Perkins & Co., wholesale

druggists, Grand Rapids, Mich.

ALBERT COYE & SONS

MANUFACTURERS OF

AWNINGS, TENTS

HORSE AND WAGON COVERS.

WHOLESALE DEALERS IN

Oiled Clothing, Ducks, Stripes, Etc.

73 Canal Street, Grand Rapids, Mich.

CINSENC ROOT.

We pay the highest price for it. Address

Peck Bros., Druggists, Grand Rapids, Mich.

WE LEAD—OTHERS FOLLOW.

is valuable. The

Grand Rapids

Business College is

a practical trainer

and fits its pupils for the vocations of busi-

ness with all that the term implies. Send

for Journal. Address C. G. SWENBERG,

Grand Rapids, Mich.

STEAM LAUNDRY

43 and 45 Kent Street.

STANLEY N. ALLEN, Proprietor.

WE DO ONLY FIRST-CLASS WORK AND USE NO

CHEMICALS.

Orders by Mail and Express promptly at-

tended to.

PINCREE & SMITH

Wholesale Manufacturers

Boots, Shoes and Slippers

DETROIT, MICH.

Office and Factory—11, 13, 15 and 17

Woodbridge street West. Dealers cordially

invited to call on us when in town.

LUDWIG WINTERNITZ,

(Successor to P. Spitz.)

SOLE AGENT OF

Fermentum,

The Only Reliable Compressed Yeast.

Manufactured by Riverdale Dist. Co.,

ARCADE, GRAND RAPIDS, MICHIGAN.

Grocers and Bakers who wish to try

"FERMENTUM" can get samples and full

directions by addressing or applying to the

above.

G. ROYS & CO.,

No. 4 Pearl Street, Grand Rapids.

WHIPS

—AND—

LASHES

Positively at whole-

sale only. Orders by

mail receive prompt at-

tention and liberal dis-

count.

## ABOLISH YOUR PASS BOOKS.

## GROCERS!

Start in the New Year by Introducing the

SUTLIF

## CUPON

## SYSTEM.

The only Complete Coupon System in

existence, making business safe both for

the merchant and his customers.

A CARD.

In presenting to the trade my COUPON SY-

STEM, which has been revised and improved, I

claim that I have the most complete, safe and

cheapest system for simplifying business on

the market. Customers can send their serv-

ants with the Coupon Book to the store with

no danger or discrepancies, as by the record

which is kept on inside covers, amount of each

sale is recorded. All books are numbered

when sold, and when not paid for in advance,

are secured by note, one of which is in every

book. Every Coupon has engraved signature

of the merchant, together with the card cov-

ers have the merchant's advertisement, and

their size makes them desirable to the custom-

er as well as the cashier. As they are now

made the smaller numbers below the five can

be detached, same as the larger ones, thus

obviating the necessity of a punch and stamp.

MERCHANTS CONTEMPLATING CHANG-

ING FROM CREDIT TO CASH, can still hold

their old customers by introducing this sys-

tem, which I claim is the only system where

both customers and merchants are absolutely

protected against all loss. Send for sample.

J. H. SUTLIF, Proprietor

ALBANY, N. Y.

Broken Down Invalids.

Probably never in the history of Cough Medi-

cines has any article met success equal to

that which has been showered upon Dr. Pete's

35 cent Cough Cure. Thousands of hopeless

cases of Coughs, Colds and Consumption have

yielded to this truly miraculous discovery.

For this reason, we feel warranted in risking

our reputation and money on its merits. Sold

by Hazeltine, Perkins & Co., wholesale

druggists, Grand Rapids, Mich.

LUDWIG WINTERNITZ,

JOBBER OF

Milwaukee Star Brand Vinegars.

Pure Apple Cider and White Wine Vinegars,

full strength and warranted absolutely pure.

Send for samples and prices. Also dealer in

Sauerkraut. Arcade, Grand Rapids, Mich.

TO THE TRADE.

We desire to call the attention of the Trade to

our unusually complete stock of

SCHOOL BOOKS,

School Supplies

And a General Line of Miscellaneous

Books, Stationery, Paper, Etc.

We have greatly increased our facilities for

doing a General Jobbing Business, and shall

hereafter be able to fill all orders promptly.

We issue separate lists of Slates, School and

Township Books, Blanks, Etc., which will be

mailed on application.

Quotations on any article in our stock cheer-

fully furnished. We have the Agency of the

REMINGTON TYPE WRITER

For Western Michigan.

## Eaton & Lyon

20 and 22 Monroe St., Grand Rapids, Mich.

Cutlers' Pocket Inhaler

And carbonate of Iodine Inhalant. A

cure for Catarrh,

Bronchitis, Asthma

and all diseases of

the throat and lungs

—even consumption

—if taken in season.

It will break up a Cold at once. It is the king

of Cough Medicines. It has cured Catarrh

when all other remedies have failed. Of the

many who have tried it, there is not one who

has not been benefited. This is the only In-

haler approved by physicians of every school,

and endorsed by the standard medical journals

of the world. All others in the market are

either worthless substitutes or fraudulent im-

itations. Over 400,000 in use. Sold by drug-

gists for \$1. By mail, \$1.25.

W. H. SMITH & CO., PROPRIETORS,

410 and 412 MICHIGAN ST., BUFFALO, N. Y.

EDMUND B. DIKEMAN,

THE—

GREAT WATCH MAKER,

—AND—

JEWELER.

44 CANAL STREET,

GRAND RAPIDS, - MICHIGAN.

## THE POTATO ROT.

Some Facts Recently Given Out by the State Board of Health.

The rot which has this season destroyed nearly one-third of the potato crop in Michigan, and a still larger proportion in New York and neighboring States is identical with that which caused the great famine in Ireland in 1847. Michigan annually raises about 9,000,000 bushels of potatoes, and though we are in no danger of starvation should the entire potato crop be destroyed for a series of years, the loss of even a third or a quarter of the crop bears heavily on the prosperity of the farming community. The importance, then, of the potato crop, and the probability of the return of the rot next year with increased destructiveness, should the season be wet, makes it desirable to give the widest possible currency to sound knowledge of the nature of the disease and the measures which can be used to check its spread.

## NATURE OF THE DISEASE.

The potato rot is a contagious disease which often spreads from plant to plant and field to field with great rapidity. The disease attacks the tops as well as the tubers, and is due solely, or primarily at least, to the presence of a minute parasitic fungus, *Phytophthora infestans*. The life history of this parasite was carefully investigated many years since by De Bary and other botanists, and is now well known. The destructive effects of the fungus are generally first observed upon the tubers late in the fall, but the disease is present much earlier in the season, and may be recognized on the tops by a certain characteristic blotched, black or brown-spotted, dead appearance. A more critical inspection of the diseased tops would show numerous small white spots scattered over the leaves and stems. When highly magnified these spots are found to be miniature forests of slender stems growing up out of the surface of the leaves and stems of the potato. These tiny stems commonly branch and swell out at the ends into ellipsoid or oval bodies, known as summer spores. These little spores are produced by millions and are so small that a million could easily lie side by side on a square inch without crowding. When ripe they separate from the stem by a joint and fall. Under the influence of water the living, jelly-like contents of the spore may push out a long, slender tube, capable of growing down directly into any part of the potato plant to begin a new cycle of growth; or may separate into several distinct portions (swarm spores) which, being endowed with life and motion, burst through the wall of the mother spore, swim about actively for a few minutes, and then either die or thrust out a slender tube, capable, as in the other form, of becoming a mature plant inside of the potato plant. All this wonderful vital activity, so readily observed under the microscope, takes place, as we have seen, in bodies small enough to rest easily on the point of a pin and light enough to be readily blown from field to field.

The mature fungus lives in the tops or tubers of the potato, and is also a minute affair. Its presence can only be detected by the microscopist, but its capacity for mischief bears no relation to its size. It consists of very numerous, colorless, irregularly-branching, tube-like threads. These threads grow through the tissues of the potato more or less rapidly, appropriating to their own use the nutrient juices of the vegetable, and impoverishing its tissues so that they either break down directly or are invaded by bacteria and other low forms of life which induce putrefactive decomposition. It is this mature fungus which sends to the surface the white forests of tiny stalks bearing the summer spores already mentioned. These spores live only a short time, but the mycelium (the internal tube-like threads of the fungus) is perennial and hardy. There is little, if any, differentiation of parts or distinction of function in the internal portion of the fungus, and consequently, unlike the higher plants, a new plant may, under favoring conditions, arise from any least portion of it. In fact, any portion of it is a complete plant in itself, being capable of growth and reproduction.

There appears to be some hope of successfully combatting this fungus more than in the case of almost any other similar plant parasite which is equally wide spread. The important facts to be considered in devising preventive measures are (1): The fungus spreads from one plant to another during the growing season by summer spores, rain-washed or wind-blown; and (2) it depends, primarily, for its spread the following season upon its perennial mycelium (the tube-like threads) always to be found in the diseased tubers and tops. It may, also, possibly grow from resting spores found in the same situations, although the existence of the latter is not settled beyond dispute.

## PREVENTIVE MEASURES.

1. From what has been said it follows that the parasite may often live over winter in the tops of decaying tubers left in the fields after harvest. Prudence would, therefore, dictate the complete removal and destruction of such refuse. It should be buried or burned. It should not be used for compost.

2. Store the harvested crop in dry cellars, and sort over several times, at short intervals, carefully removing from the bins every tuber which shows the least sign of decay. Remove, also, to a separate pile, those tubers which have been lying in contact with the diseased ones. The sorting will be facilitated and the decay hindered by storing the tubers in casks, barrels or small boxes. Potatoes buried in quantity in fields will be likely to rot in toto during the coming winter if, by chance, any infected tubers were buried with the sound ones.

3. Plant next season only tubers which are entirely sound, outside and inside. The black spots contain the fungus. Some tubers may appear sound on the surface and be diseased within. Determine the soundness of the tubers by cutting at planting time. To plant diseased potatoes will insure a continuation of the rot.

4. Even if direction No. 1 has been followed, more or less of the potato fungus will probably remain over winter in the fields ready to grow if there is an opportunity. Do not, therefore, plant in the same fields as last year, nor in adjoining ones, nor near fields planted by neighbors, if some more remote locality can be found.

5. Take advantage of the prevailing direction of the wind. Our summer and autumn winds are chiefly from points between S. and W. There is, therefore, a chance of escaping wind-blown spores by planting to the S. W. of other potato fields, or to the N. E. of woodlands or other large uncultivated tracts.



# 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, DECEMBER 30, 1885.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

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

Travelers City Business Men's Association.

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

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

## BALANCE THE BOOKS.

The beginning of the New Year usually inaugurates a general overhauling of books and accounts, with a view to collecting and paying all small bills, and arranging for the collection and payment of the large ones. Included in the former classification are a thousand or more accounts due THE TRADESMAN on subscription. The publishers seldom refer to their own business in this department of the paper, but the leniency with which they have treated those in arrears in the past ought to impel full payment of all indebtedness without further solicitation. The low subscription price of THE TRADESMAN barely covers the cost of getting out the paper, and leaves no margin to pay collection fees. Let there be a full and free response to this reminder!

The recent acquittal of the agent of an installment house in this city, on a charge of peddling without a license, serves to call public attention to the law on the subject. Most cities and towns have ordinances prohibiting hawkers and peddlers from pursuing their occupation without a license, but the general statutes provide that any one selling goods by sample from an established store or place of business need not procure a special permit. The courts have repeatedly held that a sewing machine agent, for instance, need not indulge in the luxury of a license, and the Supreme Court of Iowa has recently passed on two cases of that kind, both appealed from Cincinnati. In the case of men taking orders for furniture, pictures, rugs, or anything of that kind, where there is a general headquarters where the goods are carried in stock, the same principle will hold good.

At the meeting of the National Labor Conference, which was held at Washington recently, it was declared that boycotting as a weapon had been outrageously abused; that wrong and reckless uses had been made by this powerful weapon; that in some cases dishonest employers had instigated its use to the ruin of their rivals; that it was frequently resorted to on insufficient grounds, and in so many cases as to bring discredit to the cause of labor. The meeting condemned this course, and declared that boycotting ought to be confined to the most extreme cases of necessity.

Impartial observers at Washington say that less is to be expected of this Congress than any of its immediate predecessors. Not only is the new and untried material much in excess of its usual proportion, but there are members on both sides of a lower grade and less governed by principle. Whatever good comes out of this session may be set down as net gain; and all the evil it omits to do is to be reckoned among the mercies of the year.

## Purely Personal.

A. J. Brown spent Christmas with friends in Indianapolis.  
M. C. Russell and wife spent Christmas with relatives in Allegan county.  
S. A. Welling and wife are spending the holidays at Detroit, visiting their daughter, Mrs. Hamilton B. Carhartt.  
C. A. Warren, the Orono miller and merchant, is spending a couple of months in the West. He is accompanied by his wife.  
Jas. Campbell, the Westwood general dealer and mill operator, spent Sunday at this market, the guest of D. C. Underwood.  
Ludwig Winternitz and wife went to Chicago Thursday to spend several days with relatives and friends and interview his business connections in the Garden City.  
W. H. Tutill, who has been at Boyne Falls for the past nine months closing out the assets of the Northern Manufacturing Co., spent Christmas with his family here. He has disposed of everything except the sawmill, and may not return to Boyne Falls again.  
Miss Alice Crookston, daughter of the well known traveler, and Miss Edith Ramsey, daughter of Editor Ramsey, of Cheboygan, left Saturday for New York, where they will spend six months attending the Academy of Design. Mrs. Crookston accompanied the young ladies as far as Rochester, where she will spend a couple of months with friends.  
A man in Orland, Cal., endeavored to smoke ninety cigars in two hours, on a wager. He was taken sick on the last one and could not finish it, thus losing his bet.

## AMONG THE TRADE.

### IN THE CITY.

Gerritt F. Korten has sold his grocery stock to Leendert Liukhart.

"Positively no goods sold at retail" is getting to be a popular placard around among the jobbing establishments.

Currie & Clarke have engaged in the grocery business at Upper Big Rapids. Cody, Ball & Co. furnished the stock.

The Grand Rapids Refrigerator Co. has issued a twenty-four page catalogue, fully illustrated with the Leonard refrigerators and creamers.

Assignee Gallup has now receipts from all the creditors in the C. G. McCulloch & Co. matter for the 25 per cent. settlement, and will shortly ask to be relieved from the assigneeship. The firm assigned in July, 1884.

Fred. D. Yale & Co. succeed Chas. S. Yale & Bro. in the extract and baking powder business. The exact status of the new firm has not yet been decided upon, but the negotiations now pending will probably be completed within the next week.

The Phoenix Furniture Co.'s new branch store at Chicago will be located in the Studebaker block, on Wabash avenue, and managed by W. D. Snyder, who will be assisted by Wm. Martin, formerly with Mastaska, Craig & Co. Contrary to previous announcement, the new house will look after the jobbing trade only.

### AROUND THE STATE.

D. N. Parks & Son, grocers at Clio, have sold out.

Edelman Bros., grocers at East Saginaw, have sold out.

L. Cook succeeds Cook & Sweet in general trade at Bauer.

V. Roussin has bought the drug stock of P. P. Shorris at Ludington.

Geo. Fay will open a general store at Shaw P. O., Presque Isle county.

J. H. Creegan & Co., grocers at Chase, have assigned to T. R. Welch.

O. C. Churchill succeeds John Manning in the grocery business at Marcellus.

Krocher Bros. succeed W. A. Palmer in the grocery and drug business at Carson City.

Plainwell Press: A member of the firm of Keeler Bros., of Middleville, was in town recently and made Jas. N. Hill an offer for his business, which, however, was declined, as being too low.

Carroll & Robertson are closing out their general stock at Middleville, and the firm will retire from business and dissolve. Alex. Robertson will return to Plainwell and engage in business there.

### MANUFACTURING MATTERS.

The Pere Marquette Lumber Co., at Ludington, has begun the manufacture of salt.

Anthony Laffrey succeeds Laffrey & Perault in the planing mill business at Detroit.

Mrs. Clarissa Soule, salt and lumber manufacturer and general dealer at Port Crescent, has sold out.

Chas. J. Robinson, Ralph H. Alward and John Kritzer have formed the Dowel Manufacturing Co., at Battle Creek, for the manufacture of dowel pins.

The Hart Argus suggests that Hart would be a good location for a manufactory of rolling pins and potato mashers. But the married men of the town will probably oppose such a project to the bitter end.

### STRAY FACTS.

M. D. Kirk, coal dealer at Sturgis, has sold out.

The Holmes Lumber Co., at Detroit, has assigned.

L. W. Holmes, jeweler at Imlay City, has sold out.

Henning Bros., restaurateurs at Coldwater, have sold out.

Geo. Cook has sold his shingle mill, at Ensley, to Isaac Stryker.

T. E. Doughty & Co., jewelers at East Saginaw, are selling out at auction.

The Eldred Lumber Co., with mills at Stiles, has adopted the ten-hour system.

Wm. Mears has bought Thompson Bros.' sawmill at Boyne Falls, and will operate the same.

Wm. H. Walsh succeeds Walsh Bros. in the agricultural implement business at Vermonthville.

Chas. S. Shipman succeeds Kedzie & Shipman in the agricultural implement business at White Pigeon.

The Jackson Furniture Co. has received an order from Los Angeles, Cal., for a carload of furniture.

V. O. Clinger, a mile and a half east of Shelby, has a contract for getting in 2,000,000 feet of pine logs for Muskegon parties.

Col. T. Bliss, of Saginaw, has bought a one-half interest in 5,367 acres of pine land on Sucker river, at a consideration of \$45,000.

C. D. Benjamin has retired from the firm of Neve & Benjamin, flour and feed dealers at Muskegon. The business will be continued by S. R. Navue.

McCracken & Hovey have built a branch railroad from their timber tract, in Mecosta county, to Moore's West Branch & Moorestown road, and have begun putting logs over it.

The Muskegon Shingle & Lumber Co. will put in 17,000,000 feet of logs this winter against 12,000,000 last year. The shingle cut of the company this year was 101,000,000.

The Detroit, Mackinac & Marquette Rail-

way has put in a side track ten miles east of Newberry for the benefit of Robert Dollar, who will ship four million feet of logs from that point.

M. H. Higby, a well known lumberman of Fairfield, has associated himself with Major Howell, and the two will erect a fine sawmill in Adrian, near the crossing of the Wabash and the Lake Shore roads, where freighting in and out will be convenient.

Northwestern Lumberman: The test well at Frankfort is down 1,250 feet, and the drill stuck in the bottom. The rock there resembles Sturgeon Bay limestone, and is described by Tom Percy, the borer, as "cussedly mean." But Tom is having a whip stock made, and is bound to have salt at Frankfort or "bust" his reputation. He is the man who struck salt at Manistee and Ludington.

John Otis, of Mancelona, was in the city a couple of days last week, making preliminary arrangements for a change in his iron business. He will start up his furnace about January 15, and run out 1,200 tons of pig iron, for which he has ore on hand. The run will require about a month's time, and if at the end of that time the price of pig iron continues to incline upward he will probably secure more ore and keep the furnace running indefinitely.

### The Gripsack Brigade.

Chas. S. Wilcox put in Christmas with his parents at Richmond, Ind.

Jas. Rooney is now pleasantly situated in his new home at 95 James street.

Alby L. Braisted and wife are spending the holidays with the latter's parents at Ypsilanti.

Olivier C. Shults has engaged to travel for the Alabastine Co., covering the Michigan trade. He begins next Monday.

Plainwell Press: F. C. Adams has engaged to travel for a Chicago boot and shoe house, beginning early in the new year.

Gus Sharp has received a check for \$75.37 from the P. J. Sorg Co. in return for the sale of 201 caddies of Spearhead in two months.

F. L. Dickinson has closed his cigar factory at Sand Lake and gone on the road for E. E. Disbrow, the Plainwell cigar manufacturer.

E. K. Bennett, of Lansing, has engaged to travel for N. G. Levinson & Co., of Chicago, for another year, covering the same territory as formerly.

S. W. Bush, representing Jas. Craig, of Detroit, is putting in the holidays here and at towns roundabout. A case of "girl in every town," you know.

Leo. A. Caro has left the Enterprise Cigar Co. and entered the employ of Brown Bros., manufacturers of cigars at Detroit. He will cover the same territory as before.

All the papers published in the interest of the traveling fraternity are received and kept on file at THE MANUFACTURER office, subject to the inspection of the gripsack brigade at all times.

James Rooney, State agent for the Button Fire Engine Co. and Gutta Percha and Rubber Manufacturing Co., left Monday for a visit to Lansing, Port Huron and other Eastern Michigan points.

Before this issue of THE TRADESMAN reaches all its readers, the traveling men of Grand Rapids will have scored their fifth success in the shape of their second annual social party, and the indications are that it will be the greatest success yet achieved.

Albert C. Antrim has returned from the South, where he has been for the past four months in the interest of the Anti-Kalmsmine Co. He brought with him, among other things, a cane for the editor of THE TRADESMAN, for which the recipient is truly thankful.

Senator Platt has introduced a bill in the United States Senate making it a misdemeanor for any officer of a state or municipal corporation to interfere in any way with a commercial traveler selling goods in any state of which he or his employer is not a citizen. This measure, if it becomes a law, will put an end to the obnoxious "drummer tax" levied in some of the Southern States.

Pursuant to the call of J. Free Smith, the traveling men of Lansing met at the parlors of the Lansing House last Saturday evening and effected the preliminary arrangements for a permanent organization. Temporary officers were chosen and a committee on constitution and by-laws selected. There are about sixty traveling men residing in Lansing, and the prospects for an active organization are considered flattering.

Wm. H. Jones, who has represented the Phoenix Furniture Co. in the West for several years, unites his fortunes with the new Wm. A. Berkey Furniture Co. on January 1. He will be succeeded at the Phoenix by Robert Smith, who will attend the wants of the Far West trade, and Frank L. Moore, of Frankfort, Ind., will take the intermediate territory. Mr. Moore was formerly on the road for Monk & Roberts and the Connorsville Furniture Co., both of Connorsville, Ind.

The Michigan Commercial Travelers' Association held its annual meeting at Cleland Hall, Detroit, on the 24th. There was a large attendance. The constitution was so amended as to admit salesmen in wholesale stores to membership. It was also decided to increase the reserve fund from \$15,000 to \$20,000. The election of officers resulted as follows: President, Edwin Mortlock, Detroit; First Vice President, J. H. Swan, Detroit; Secretary and Treasurer, J. S. Pierce; Board of Trustees, J. E. Langley and Thomas McLeod; Trustees Reserve Fund, A. W. Culver and D. Morris.

Smith Barnes, the efficient general manager of the Hannah & Lay Mercantile Co.,

at Traverse City, and probably the best qualified of any one in the State to pass judgment on the traveling fraternity, pays the following tribute to the Wolverine grip carriers: "The invitation to the gathering and ball of traveling men was duly received with many thanks. Having never danced, except in a business way, I feel I would be a discreditable addition to your gathering. Nevertheless, I appreciate the courtesy. The traveling men of Michigan as a body are gentlemen whom I hold in high respect, and it is no little pleasure to know that the business interests of the Peninsular State are represented by such a corps of efficient and thoroughly gentlemanly men. Very much depends upon the character and manhood of business representatives, and I doubt if another State in the Union has men of more thorough business qualifications, cleaner reputes and honorable intentions, than the phalanx of hard workers who are known as 'the traveling men of Michigan.' Let me hope that the gathering will be a particularly happy one and may result most advantageously to each in a temporary relaxation from the hard knocks which they receive from day to day. While I cannot be present in person I shall participate in spirit in the festivities and pleasures which I trust the evening may bring to one and all."

Albert C. Antrim proposes to introduce the following resolution at the traveling men's party and move its adoption:

Resolved—That it is the sense of the traveling men of Grand Rapids, in convention assembled, that the Platt bill now before the Senate of the United States, providing for the abolition of the "drummer tax," should become a law; that we request Senators Conger and Palmer to support the same in the Senate; that we also request Congressman Comstock to vote for the same in the House; and that we request President Cleveland to approve the measure should it pass both Houses.

### VISITING BUYERS.

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

John Otis, Mancelona.  
John Koopman, Falmouth.  
Milan Wiggins, Warren Haven & Co., Bloomington.  
Wm. Coach, Baraga.  
R. Weertman, Zeeland.  
Calvin Durkee, Lakeview.  
E. C. Foote, West Carleton.  
W. M. Fiske, Hillsdale.  
Fred F. Taylor, Wood Lake.  
Ed. Roys, Roys Bros., Cedar Springs.  
C. E. Coburn, Pierston.  
A. & L. M. Wolf, Hudsonville.  
Hoag & Judson, Cannonsburg.  
E. R. Conrad, Plainwell.  
W. H. Hicks, Morley.  
M. V. Wilson, Sand Lake.  
Jno. H. Passage, Greenville.  
C. E. & S. J. Koon, Lisbon.  
R. A. Hastings, Sparta.  
Dr. D. B. Klipattick, Woodland.  
Dr. A. Hamilton, Middleville.  
F. L. Blake, Byron Center.  
F. L. Blake, Irving.  
Dr. H. S. Baron, Forest Grove.  
J. C. Bember, Cannonsburg.  
Wm. Black, Cedar Springs.  
M. P. Shields, Hillsdale.  
S. S. Dryden & Sons, Allegan.  
E. Vanderveen, Holland.  
Wm. DePree & Bros., Zeeland.  
Joshua Colby, Rockford.  
Mr. Wagar, Wagar & Melbyer, Cedar Springs.  
W. E. Overton, Grand Rapids.  
C. A. Pearson, Fremont.  
S. S. Slater, Nunica.  
Jas. Campbell, Westwood.  
H. M. Harcourt, Lakin.  
J. J. Quick, Allendale.  
H. A. Crawford, Cadillac.  
Fred Morley, Morley Bros., Cedar Springs.  
J. F. Haeker, Corinth.  
Geo. A. Sage, Rockford.  
Mr. LaHuis, Herder & LaHuis, Zeeland.  
Cole & Chapelle, Ada.  
H. W. Potter, Jennisonville.  
Mr. Andre, Jennisonville.  
C. H. Hoyt, Hudsonville.  
H. M. Freeman, Lisbon.  
O. F. & W. P. Conklin, Ravenna.  
Den Herder & Taulis, Vriesland.  
R. G. Smith, Wayland.  
C. Deming, Button.  
Geo. Carrington, Trent.  
G. S. Powell & Co., Sand Lake.  
Notler & Lokker, Grafschaaps.  
Kremer & Bangs, Holland.  
Cole & Chapelle, Ada.  
John Smith, Ada.  
O. D. Chapman, Stanwood.  
J. H. Spies, Leroy.  
Jno. Metjerling, Nordeloos.  
S. M. Geary, Maple Hill.  
John Koopman, Falmouth.  
Thos. Cooley, Lisbon.  
L. B. Chapelle, Ada.  
B. M. Dennison, East Paris.  
W. S. Root, Tallmadge.  
G. H. Walbrink, Allendale.  
L. T. Wilwarth & Co., Rodney.  
L. Cook, Bauer.  
S. Cooper, Corinth.  
W. H. Struck, Forest Grove.  
J. W. Closterhouse, Grandville.  
Paine & Field, Englishville.  
Jos. Barnes, Austerlitz.  
Frank Hayward, Moon.  
Norman Harris, Big Springs.  
Stanley Monroe, Berlin.  
Currie & Clarke, Upper Big Rapids.  
L. B. Chapelle, Ada.  
G. N. Reynolds, Belmont.  
J. M. Reid, Grattan.  
E. C. Whitney, Middleville.

### He Was Disgusted.

From Texas Sitings.  
There are some people who will grumble when they get to heaven. Mose Schaumburg is one of them. "What for has you such a disgusted expression your face on?" said Sam Levy to Mose Schaumburg. "Pecase I vash disgosted. Choost as I was walkin' dot Austin avenue down I found a kwavter of a tollar," replied Mose. "A kwavter of a tollar! Mine Gott, vy vash you disgosted?" "Pecase it vash not a whole tollar."

## OUT AROUND.

News and Gossip Furnished by Our Own Correspondents.

### Cadillac.

D. G. Kennedy, a blacksmith of this city, has rented the Shultz shop at Lake City and moved his tools and stock to that place. This gives Lake City two shops.

The butchers at Mitchells are branching out. Jas. Chatfield having opened a shop at Long Lake and Alfred Trembley one at Round Lake.

Joyce & Hurst, the new boot and shoe firm, are having a good trade.

In place of gas for lighting Sampson & Drury's hardware store, Mayrose electric lamps have been substituted and are giving better satisfaction.

W. H. Crossley, of this city, and Daniel Murry, formerly with LaBar & Cornwell, at Mitchells, have formed a copartnership and will open a wholesale meat market at Lake City, to supply the surrounding camps. Contractor and builder Jno. C. Born has just returned from the Upper Peninsula, where he has been working at his trade.

Two new box cars are now being built for the C. & N. E. Railway.

### Manistee.

S. Babcock & Co. will engage in the manufacture of hoops next season.

C. Michelson has opened a wholesale meat depot in the Michelson block.

R. G. Peters has contracted with J. B. Long & Co. to build two passenger coaches for the former's new railroad. They are to be fifty feet long and eight wide, and finished in good style. The framing will be done here and the coaches put together at Eastlake.

N. W. Nelson has been appointed assignee of Witkowsky & Jacobs, vice Solomon Rothschild, resigned. Witkowsky & Jacobs had another stock of clothing in Kalamazoo, which they disposed of previous to assigning to Rothschild. Their creditors having made application to have the Kalamazoo stock included in their assets, Rothschild resigned because of the demand of his home business upon his time. Assignee Nelson is now investigating the facts relative to the transfer of that stock by Witkowsky & Jacobs.

### Muskegon.

Wm. D. Carey, who "downed" his creditors while carrying on a commission business here about a month ago, and who skipped town to avoid arrest on several criminal charges, is now reported to be acting as cashier of a railway in Kansas, having his headquarters at Winfield.

W. J. Kinney, formerly of the Simmons & Kinney Manufacturing Co., has concluded to establish a stove factory at Fremont, and is now in the East for the purpose of purchasing the necessary machinery.

Alexander Counts has retired from the grocery firm of Robertson & Co. The business will be continued by Thomas Robertson.

### Newaygo.

The holiday trade has not been as good as some years formerly and good many of our citizens took advantage of the rates on the railroad and did their trading in the city.

George Saeger, of Big Rapids, a tinsmith in the employ of the Wilcox Hardware Co.,

has been spending a few days here visiting friends.

Miss Grace E. Riblet, an efficient saleswoman in her father's store, spent a few days in Grand Rapids last week on business.

The work on the bridge is going along finely and should the good weather continue will greatly hasten the completion.

D. P. Clay has been drawing logs to his mills from a few miles south of the village on sleighs up to the recent "break up," when he was compelled to suspend operations.

James Heath, who nearly accepted a position in Grand Rapids, has received an offer from the Newaygo Manufacturing Co. and will continue to reside here.

William Graham, who is over-seeing an extensive lumber job at Chase, spent Christmas with his family here.

### Traverse City.

Hannah, Lay & Co. are paying 80 cents for wheat.

After January 3 Hamilton & Milliken will close their store at 6 o'clock each evening except Saturday.

The railway company is putting in a new side track and switch to accommodate the unloading of square timber brought from Mayfield and Kingsley.

The Lou A. Cummings was the last boat plying on the Bay. She has gone into winter quarters at Greilick's dock and her captain, Geo. Robertson, has gone home to South Haven.

Antoine Richard has opened a saloon in the building formerly occupied by Chas. Cummings.

### Dairy Notes.

A creamery has been established at Charlotte by a stock company composed of the following men: F. F. Munson, E. Shepherd, J. Perkins and W. J. Bonnett. Capital stock \$10,000.

Prof. Victor C. Vaughan, Professor of Chemistry at the State University will deliver another address on "Cheese Poisoning" at the coming convention of the Michigan Dairyman's Association at Kalamazoo.

An organization to be known as the Queen City creamery company has been formed at Ypsilanti by Messrs. Samuel Barnard, O. A. Ainsworth and James E. Lawrence. Work on the buildings will begin immediately. About \$10,000 will be invested.

Milan Wiggins, President of the Michigan Dairyman's Association, was in the city last week for the purpose of consulting with Secretary Stowe relative to the next meeting of the Association. It was decided to hold the convention at Kalamazoo on February 16, 17 and 18. Further particulars are given in the call published in another column.

Since the siege of Paris in 1870, the consumption of horseflesh has gradually increased there.

The Missouri Cremation Society has 400 members, twenty-five of whom are women.

## MICHIGAN DAIRYMEN'S ASSOCIATION.

Call for Second Annual Convention, to be held at Kalamazoo, February 16, 17 and 18.

GRAND RAPIDS, Dec. 26, 1885.

DEAR SIR—You are hereby informed that the second annual convention of the Michigan Dairyman's Association will be held at the warerooms of the Acme Manufacturing Co., at Kalamazoo, on Tuesday, Wednesday and Thursday, February 16, 17 and 18, convening at 2 o'clock on the afternoon of the day first named. All those who are interested in the subject of dairying, either as dairymen, farmers, stock raisers, or manufacturers and dealers in dairy appliances, are cordially invited to attend the meeting and favor those present with such suggestions as may seem to them to be pertinent to the occasion. Those so inclined are requested to prepare papers on dairy subjects, and ample opportunity will be given for discussions, and the interchange of opinions and observations. Reduced rates have been obtained at the hotels, and every effort will be made to render the convention a pleasant and profitable one.

An important feature of the meeting will be the exhibit of dairy appliances. Ample space and power have been secured in the exhibition hall, for which there will be no charge. Exhibitors are urgently invited to avail themselves of this opportunity, as the convention will bring together the largest gathering of dairymen ever held in the State.

Those intending to be present will please notify L. F. Cox, Chairman of the Committee on Arrangements, Kalamazoo, as soon as convenient, in order that the necessary arrangements may be made for their entertainment.

Those who will favor the Association with papers or lead discussions on subjects akin to dairying and kindred interests will please notify the Secretary immediately, in order that the programme may be arranged previous to the meeting.

The Association is now on a firm footing and it is the earnest hope of the officers that the second convention may be even more of a success than the first.

Come one, come all!

E. A. STOWE, Sec'y,

MILAN WIGGINS, President,

Grand Rapids, Mich.

# APPLES!

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

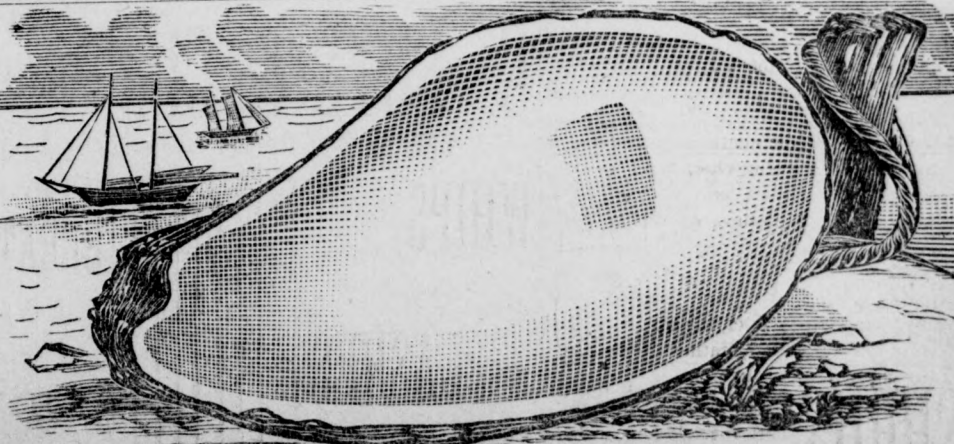
## EARL BROS., COMMISSION MERCHANTS,

Reference—First National Bank.

157 S. WATER ST., CHICAGO, ILL.

SEE  
QUOTATIONS  
IN  
PRICE-CURRENT.

## F. J. DETTENTHALER, Jobber of Oysters.





## Drugs & Medicines

**STATE BOARD OF PHARMACY.**  
One Year—Geo. M. McDonald, Kalamazoo.  
Two Years—F. H. J. Van Emster, Bay City.  
Three Years—Jacob Jenson, Muskegon.  
Four Years—James Vernon, Detroit.  
Five Years—Arthur Eberbach, Ann Arbor.  
President—Otmar Eberbach.  
Secretary—Jacob Jenson.  
Treasurer—James Vernon.  
Next place of meeting—At Grand Rapids, March 2, 1886.

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

**Grand Rapids Pharmaceutical Society.**  
ORGANIZED OCTOBER 9, 1884.

**OFFICERS.**  
President—Frank J. Wurzburg.  
Vice-President—Wm. L. White.  
Secretary—Frank H. Escott.  
Treasurer—Henry B. Fairchild.  
Board of Censors—President, Vice-President and Secretary.  
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.  
Committee on Pharmacy—M. B. Kimm, H. E. Lecher and Wm. E. White.  
Committee on Trade Matters—John E. Peck, H. B. Fairchild and Wm. H. Van Leeuwen.  
Committee on Legislation—Jas. D. Lacey, Isaac Watts and A. C. Bauer.  
Regular Meetings—First Thursday evening in each month.  
Annual Meetings—First Thursday evening in November.  
Next Meeting—Thursday evening, January 7, at "The Tradesman" office.

**Detroit Pharmaceutical Society.**  
Organized October, 1883.

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

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

**Saginaw County Pharmaceutical Society.**  
**TEMPORARY OFFICERS.**  
Chairman—Henry Melchers.  
Secretary—D. E. Prall.  
Next Meeting—Wednesday, January 13, 2 p. m.

**Muskegon Drug Clerks' Association.**  
**OFFICERS.**  
President—I. F. Hopkins.  
Vice-President—John Meyers.  
Secretary and Treasurer—O. A. Lloyd.  
Regular Meetings—Second and fourth Friday of each month.  
Next Meeting—Tuesday evening, January 15.

**Items of General Interest.**  
It is stated on good authority that the distillation of 100 gallons of crude petroleum will yield 76 gallons of illuminating oil, 12 gallons of gasoline, benzene, or naphtha, 3 gallons of lubricating oil, and 9 gallons of residuum.

There are said to 5,000 patent medicines of American concoction now on the market, and the trade amounts to \$22,000,000 per annum. Of this, \$10,000,000 are expended in advertising, and the net profits are set down at \$5,000,000.

In a report presented by the British Pharmacopoeia Committee to the Medical Council at its recent meeting it was stated that out of 20,000 copies of the new edition of the pharmacopoeia that had been printed 12,875 copies had been disposed of up to Saturday, November 14.

A woman ate a cake of glycerine soap to cure a cough, thinking it a new mixture. When she returned the remaining cakes to the druggist she amazed the clerk by saying that she took one of these things. "It was awful to swallow, but it cured the cough."

Glycerine should not be used in its pure state on chapped hands or lips, as it has great avidity for moisture and abstracts this from the epidermal tissues, thereby rendering the skin dry and cracking it. When properly diluted with water it is one of the most valuable substances to keep the skin soft and pliable.

A bill is being prepared by the New York Medical Society asking the State Legislature to include cocaine in the list of drugs forbidden to be sold excepting on physicians' prescriptions. It is said that in New York many drug stores sell a paste made up of coca leaves and lime forming a eud similar to that used by the Peruvians as a stimulant. These preparations are in great demand.

A family medicine chest is not altogether a desirable thing. A report from Vincennes, Ind., says: The Adams family, consisting of father, mother, and five children, were accidentally poisoned by taking morphine for quinine. Mr. J. C. Adams has been afflicted with neuralgic pains, and had provided a medicine chest. He requested one of his daughters, ten years old, to bring some quinine capsules, of which they all partook. After retiring, Mr. Adams and his family became deathly sick, and at 4 o'clock the following morning neighbors heard screaming and crying from within the house. The mother, father, and a three-year-old girl are dangerously ill, and it is not believed that Mr. Adams will recover.

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

## CHOOSE YOUR QUERY.

- A Lengthy List from Which to Select.  
The Committee on Pharmacy and Queries of the Michigan State Pharmaceutical Association has issued the following list of queries, which members of the Association are asked to answer. Those accepting queries are requested to notify the chairman of the Committee, Prof. Prescott, Ann Arbor:
1. Does the present pharmacopoeial formula for syrups of the phosphates of iron, quinine and strychnine yield a satisfactory product?
  2. What are the best materials and proportions for gelatine suppositories and pencils?
  3. Is the use of coloring in elixirs and medicinal syrups a defensible practice?
  4. What articles and mixtures are liable to cause explosions in dispensing pharmacy?
  5. What is the best solvent for iodoform?
  6. What strengths of tincture of opium are furnished in pharmacy in this State?
  7. What are the causes of the variations in color of tincture of opium?
  8. Of what strength of morphine is the camphorated tincture of opium dispensed in this State?
  9. How does the spirit of camphor used in filling physicians' prescriptions compare in strength with the present pharmacopoeial requirements?
  10. Should the use of powdered extracts in place of ordinary solid extracts be encouraged?
  11. To what extent is the practice of preparing tinctures from fluid extracts objectionable?
  12. What are the uses of petrolatum and of paraffin oil in ointments, liniments, etc.?
  13. An examination of the granular effervescent salts of the market is desired.
  14. What is the quality of the pressed herbs, more especially those of narcotic effect, as found in drug stores in this State?
  15. What drugs should be employed only in the green state?
  16. What merits have the "concentrations" of the market?
  17. What nomenclature is most desirable for the "concentrations" and "resinoids"?
  18. An investigation of the alleged incompatibility of chloral hydrate and potassium bromide with alcohol is desired.
  19. What quality of cream of tartar is sold by the druggists of Michigan?
  20. Can the formula of the U. S. Ph., 1880, for fluid extract of ipecacuanha be improved?
  21. What preparations, of those commonly purchased ready-made, can be most profitably made by the dispensing pharmacist?
  22. What co-operative measures may the druggists of our State adopt by which their business interests may be advanced?
  23. What disinfectant and antiseptic preparations can the dispensing pharmacist make with advantage?
  24. A report is desired upon the measures of weight and volume, absolute and proportional, to be recommended for the next pharmacopoeia.
  25. To what extent is it preferable to weigh liquids, (1) in making preparations, (2) in dispensing?
  26. What instruments and methods of taking specific gravities are most serviceable to the pharmacist?
  27. A report is requested upon the means of increasing the efficiency of pharmaceutical employees, and their skill in applied pharmacy.
  28. What course of reading and plan of study are advisory for the assistant in pharmacy?
  29. Solid extracts vary greatly in strength. What are the causes of the variations and how can uniformity be secured?
  30. What proportion of solid extract should be yielded by various drugs? Is it practicable to standardize these extracts so that one part of the extract shall represent five parts of the drug?
  31. Alkaloidal valuations of fluid extract of veratrum viride are desired.
  32. For what preparations of the pharmacopoeia is an alkaloidal standard to be advised, and on what principle in general should the proposed standard be fixed?
  33. Is the U. S. Ph. process for extract of physostigma the best one? Do the preparations in the market agree in character with the official product?
  34. Alkaloidal valuations of fluid extracts of aconite and nux vomica are desired. Accepted by A. B. Stevens, Detroit.
  35. Alkaloidal valuations of fluid extracts of belladonna and hyoscyamus are desired.
  36. What is the character of the powdered extracts of cannabis indica offered at present?
  37. What is the active principle of phyto-lacca root?
  38. What is the poisonous principle of loco-weed. Accepted by A. B. Stevens, Detroit.
  39. Researches upon indigenous drugs are desired.
  40. Is an apprentice in a drug store entitled to receive instruction in practical pharmacy from his employer, and to what extent is the latter held to grant a reasonable time for daily study?
  41. By what means can those entering upon the practice of pharmacy in the State be ensured to have a close acquaintance with the United States Pharmacopoeia?
  42. It is desired to have a series of experiments on the solubility of hydrated oxide of iron in citric acid, with respect to temperature.
  43. What are the uses of benzene in pharmacy?

44. What is the strength of pepsins of the market, and what improvement can be made in the assay of pepsins? Accepted by N. Van den Belt, Detroit.
45. What improvement, if any, can be made in the present pharmacopoeial preparation of fluid extract of ergot?
46. Gelsemium: is there any foundation for the preference given by some physicians to preparations made from the green drug?
47. What is the poisonous constituent of nutmeg, and its power?
48. What are the active principles of rhamnus purshianus?
49. Does the compound spirit of ether usually dispensed fulfill the requirements of the pharmacopoeia of 1880?
50. What is the strength and purity of the spirit of nitrous ether of the drug trade?
51. What is the quality of the menthol cones now furnished?
52. What is the strength and purity of the acetic acid of pharmacy in this State? Accepted by Geo. Gundrum, Ionia.
53. What is the character of the concentration, euonymin, as furnished?
54. What is the proportion of oxidized mercury in mercury with chalk?
55. What is the quantity of unoxidized phosphorus in the pills of phosphorus obtained?
56. What is the chemical composition of the articles named arsenite of bromine, and Clemens' solution of arsenic?
57. To what extent is the metric system now used by physicians? Accepted by C. G. Stone, Detroit.

**Italian Cheese.**  
Of all the industries of Sicily the manufacture of cheese is perhaps the one that has received the least attention. The cheese sent to the Paris exhibition of 1878 was the laughing stock of the Commissioners. Nothing whatever has been done towards its improvement. It is calculated that on the 147 square kilometers that constitute the district of Palermo there are 6805 cows, 5883 she-goats, and 2698 ewes, being respectively 47, 40 and 18 per square kilometers. This is important to bear in mind, when it is known that on an average the province of Lombardy has only 15 cows per square kilometer, Venice 12, Piedmont 11, Tuscany 7, Sardinia 3, and Sicily only 2. There are many little farms round about Palermo in which butter and cheese are made, but there is nothing like a proper dairy, although there is room for three or four. Two pamphlets worthy of attention have been published on the subject, but, as has already been observed, the advantages of association have not yet dawned upon the mind of the Sicilians, who prefer working separately, according to the good old times, when refinement was yet unknown and machinery unthought of.

**The Drug Market.**  
Business is all that could be expected, considering the season, and collections are fully up to the jobbers' expectations, which is saying a good deal. Gum arabic, spermaceti, cubebs and oil cubebs have sustained further advances, and opium, chloroform, balsam peru, oil sassafras and oil tanzany have declined. P. & W. quinine has also declined 5 cents an ounce.

The editor of THE TRADESMAN hereby expresses his thanks to the unknown friend who sent him a pocketbook bearing the inscription "The Druggists of Michigan cannot forget the editor of THE TRADESMAN. One of them." The pocketbook will be carried until worn out, but the sentiment accompanying the same will be remembered forever.

THE TRADESMAN is in receipt of a handsome invitation to attend the first annual holiday ball of the Muskegon Drug Clerks' Association, to be held at the Clay avenue rink this evening. The editor regrets that he is unable to participate in the pleasure of the occasion.

A gentleman engaged very extensively in the grain business says of the remarkable heavy crop of the country this year, that if it were all loaded on cars of 500 bushels capacity each (10 or 13 cars to a train besides engine and tender) the combined length would be sufficient to extend around the world.

L. M. MILLS. M. S. GOODMAN.

## MICHIGAN DRUG EXCHANGE,

Mills & Goodman, Props.

### To the Drug Trade.

We hereby announce to the trade that we have established a reliable bureau for the dissemination of information relating to the purchase and sale of drug stocks, as well as an employment bureau for clerks and employers desiring the services of experienced pharmacists.

Our facilities are unsurpassed and our terms are as reasonable as could be expected, considering the advantages we offer. For circulars and full particulars, address

## MICHIGAN DRUG EXCHANGE,

357 SOUTH UNION ST.,  
GRAND RAPIDS, MICH.

## WHOLESALE PRICE CURRENT.

Advanced—Cubebs, oil cubebs, gum arabic, spruce, etc.	30	35
Valerian—Opium, chloroform, balsam Peru, oil sassafras, oil tansy, P. & W. quinine.	30	35
ACIDS.		
Acetic, No. 8.	9	10
Acetic, C. P. (Sp. grav. 1.040).	30	35
Citric.	60	65
Citric, 18 deg.	3	5
Nitric 36 deg.	11	12
Xalic.	10	12
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. 220).	14	15
Aqua 16 deg or 3f.	3	5
Aqua 18 deg or 4f.	4	6
BALSAMS.		
Copaiba.	40	45
Fir.	1	5
Peru.	1	5
Tolu.	50	50
BARKS.		
Cassia, in mats (Powd 200).	11	11
Cinchona, yellow.	18	18
Elm, select.	13	13
Elm, ground, pure.	15	15
Elm, powdered, pure.	14	14
Sassafras, of 66.	10	10
Wild Cherry, select.	12	12
Bayberry powdered.	20	20
Hemlock powdered.	18	18
Ham.	30	30
Soap ground.	12	12
BERRIES.		
Cubeb prime (Powd 1 05c).	6	100
Juniper.	6	7
Prickly Ash.	50	60
EXTRACTS.		
Licorice (10 and 25 lb boxes, 25c).	27	27
Licorice, powdered, pure.	37	37
Logwood, bulk (12 and 25 lb boxes).	9	9
Logwood, 1s (25 lb boxes).	13	13
Logwood, 1/2s do.	15	15
Logwood, 1/4s do.	14	14
Fluid Extracts—25¢ cent. off list.		
FLOWERS.		
Arnica.	10	11
Chamomile Roman.	25	25
Chamomile German.	25	25
GUMS.		
Aloes, Barbadoes.	60	75
Aloes, Cape (Powd 20c).	12	12
Aloes, Socotrine (Powd 60c).	50	50
Ammoniac.	28	30
Rubiac, powdered select.	90	90
Arabic, 1st picked.	90	90
Arabic, 2d picked.	80	80
Arabic, 3d picked.	75	75
Arabic, sifted sort.	55	55
Assafoetida, prime (Powd 35c).	25	25
Benzoin.	55	60
Camphor.	25	27
Catechu, 1s (4 & 1/2 lb 160).	35	40
Euphorbium powdered.	80	80
Galbanum strained.	80	90
Gamboge.	30	35
Guaiaac, prime (Powd 45c).	25	25
Mastic (Powdered, 30c).	1	25
Myrrh, Turkish (Powdered 47c).	40	40
Opium, pure (Powd \$5.25).	3	50
Shellac, Campbell's.	25	25
Shellac, English.	24	24
Shellac, native.	24	24
Shellac bleached.	30	30
Tragacanth.	30	60
HERBS—IN OUNCE PACKAGES.		
Hoarhound.	25	25
Lobelia.	25	25
Peppermint.	25	25
Rue.	25	25
Sage.	24	24
Sweet Majoram.	35	35
Tanzy.	25	25
Thyme.	25	25
Wormwood.	25	25
IRON.		
Citrate and Quinine.	4	60
Solution mur., for tinctures.	20	20
Sulphate, pure crystal.	7	7
Citrate.	65	65
Phosphate.	65	65
LEAVES.		
Buchu, short (Powd 25c).	13	14
Sage, Italian, bulk (4 & 1/2 lb, 12c).	18	30
Senna, Alex, natural.	22	22
Senna, Alex, sifted and garbled.	22	22
Senna, powdered.	16	16
Senna tinnivell.	10	10
Uva Ursi.	35	35
Selladon.	30	30
Roxbore.	35	35
Henbane.	35	35
Rose, red.	25	25
LIQUORS.		
W. D. & Co.'s Sour Mash Whisky.	2	50
Druggists' Favorite Rye.	2	50
Whisky, other brands.	1	10
Gin, Old Tom.	1	35
Gin, Holland.	2	50
Brandy.	1	35
Satell.	1	35
Port Wines.	1	35
MAGNESIA.		
Carbonate, Patterson's, 2 oz.	22	22
Citrate, H. P. & Co.'s solution.	2	25
Calcined.	65	65
OILS.		
Almond, sweet.	45	50
Amber, rectified.	45	45
Anise.	2	50
Bay oil.	2	50
Bergamont.	17	19
Croton.	2	50
Cajuput.	75	75
Cassia.	1	50
Wedg. com. brand (Pure 70c).	1	50
Citronella.	1	50
Cod Liver, N. F.	1	50
Cod Liver, best.	1	50
Cod Liver, P. & W. Co.'s 16.	6	50
Cubebs, P. & W.	9	50
Erigeron.	1	50
Fireweed.	2	50
Lavender flowers, French.	2	50
Lavender garden.	1	50
Lavender spike.	90	90
Lemon, new crop.	1	50
Lemon, Sanderson's.	2	50
Leonurus.	80	80
Olive, Malaga.	60	90
Olive, "Sublime Italian."	2	50
Origanum, red flowers, French.	1	50
Origanum, No. 1.	1	50
Pennyroyal.	4	50
Peppermint, white.	4	50
Rose oil.	80	80
Rosemary, French (Flowers 1 50).	65	65
Salad, 1/2 gal.	2	50
Savin.	1	50
Santal Wood, German.	4	50
Sassafras.	7	50
Spearmint.	67	60
Tansy.	4	50
Tar (by gal).	10	12
Wintergreen.	2	50
Wormwood, No. 1 (Pure \$4.00).	3	50
Wormseed.	2	50
POTASSIUM.		
Bicarbonate.	12	14
Bromide, cryst. and gran. bulk.	40	43
Chlorate, cryst. (Powd 27c).	25	25
Iodide, cryst. and gran. bulk.	3	50
Prussiate yellow.	28	28
ROOTS.		
Alkanet.	20	20
Althea, cut.	25	25
Arrow, St. Vincent's.	17	17
Arrow, Taylor's, in 1/2 and 1/4s.	33	33
Blood (Powd 18c).	12	12
Calamus, peeled.	20	20
Calamus, German white, peeled.	35	35
Elecampane, powdered.	20	20
Gentian (Powd 15c).	10	10
Ginger, African (Powd 14c).	11	11
Ginger, Jamaica bleached.	17	17
Golden Seal (Powd 25c).	20	20
Heliebore, white, powdered.	20	20
Ipecac, Rio, powdered.	1	50
Jalap, powdered.	30	30
Licorice, select (Powd 15c).	18	18
Licorice, extra select.	20	20
Pink, true.	60	60
Rhei, from select to choice.	1	100
Rhei, powdered E. I.	1	100
Rhei, choice cut cubebs.	2	50
Rhei, choice cut fingers.	2	50

Serpentaria.	50	50
Seneca.	60	60
Sarsaparilla, Honduras.	40	40
Sarsaparilla, Mexican.	20	20
Squills, white (Powd 35c).	15	15
Valerian, English (Powd 30c).	20	20
Valerian, Vermont (Powd 28c).	20	20
SEEDS.		
Anise, Italian (Powd 20c).	15	15
Bird, mixed in 1/2 packages.	5 @	6
Canary, Smyrna.	15	15
Caraway, best Dutch (Powd 20c).	15 @	15
Cardamon, Aleppo.	1	50
Cardamon, Malabar.	1	50
Celery.	15	15
Coriander, best English.	10	10
Fennel.	15	15
Flax, clean.	3 1/2 @	4
Flax, pure grd (bbl 24).	4 @	4
Foenugreek, powdered.	7 @	8
Hemp, Russian.	4 1/2 @	5
Mustard, white Black 10c).	10	10
Quince.	75	75
Sape, English.	6 @	7
Worm, Levant.	14	14
SPONGES.		
Florida sheeps' wool, carriage.	2 25	2 50
Nassau do do.	2	50
Velvet Extra do do.	1	10
Extra Yellow do do.	85	85
Grass do do.	65	65
Hard head, for slate use.	75	75
Yellow Reef.	1	40
MISCELLANEOUS.		
Alcohol, grain (bbl \$2.21, 1/2 gal.	2	31
Alcohol, wood, 95 per cent ex. ref.	1	50
Anodyne Hoffman's.	50	50
Arsenic, Donovan's solution.	27	27
Arsenic, Fowler's solution.	12	12
Annatto 1 lb rolls.	45	45
Alum, ground (Powd 3c).	2 1/2 @	3 1/2
Annatto, prime.	3 @	4
Antimony, powdered, com'l.	4 1/2 @	5
Arsenic, white, powdered.	6 @	7
Blue Soluble.	5 @	5
Bay Rum, imported, best.	2	75
Bay Rum, domestic, H. P. & Co.'s.	2	80
Balm Gilead Buds.	40	40
Beans, Tonka.	7	00
Beans, Vanilla.	00	60
Bismuth, sub nitrate.	2	30
Blue Pill (Powd 70c).	50	50
Blue Vitriol.	6 @	7
Borax, refined (Powd 12c).	10 1/2	12
Cantharides, Russian powdered.	2	50
Capsicum Pods, African pow'd.	18	18
Capsicum Pods, Bombay do.	22	22
Carbolic Acid.	4	00
Carmin, No. 40.	12	12
Cassia Buds.	75	75
Calomel, American.	75	75
Chalk, prepared drop.	1	60
Chalk, precipitate English.	12	12
Chalk, red fingers.	8	8
Chalk, white lump.	2	60
Chloroform, Squibb's.	1	60
Colocynth apples.	1	50
Chloral hydrate, German crusts.	1	50
Chloral do do do.	1	70
Chloral do Scherlin's do.	1	70
Chloral do do do.	1	70
Chloro	63 @	65
Chinchona, P. & W.	20 @	25
Cinchona, other brands.	18 @	20
Cloves (Powd 25c).	18 @	20
Cochineal.	40	40
Cocoa Butter.	40	40
Spenser (30c).	40	40
Corrosive Sublimate.	75	75
Corks, X and XX—40 off list.		
Cream Tartar, pure powdered.	2 @	40
Cream Tartar, grocer's, 10 lb box.	15	15
Cresote.	61	61
Cudbear, prime.	24	24
Cuttle Fish Bone.	20	20
Dextrine.	12	12
Dover's Anodyne.	1	10
Dragon's Blood Mass.	50	50
Ergot powdered.	45	45
Ether Squibb's.	1	10
Eucery, China, all No.'s, boxes.	61	61
Epsom Salts (bbl. 1 1/2).	2 @	3
Ether, fresh.	50	50
Ether, sulphuric, U. S. P.	60	60
Flake white, lump.	12	12
Grains Paradise.	15	15
Gelatin, Cooper's.	90	90
Gelatin, French.	45 @	70
Spenser (30c).	40	40
Glassware, green, 60 and 10 dis.		
Glue, ca white.	12 @	17
Glue, ca gum.	12 @	18
Glycerine, best.	16 @	20
Hops (30c).	25 @	30
Iodoform 1/2 oz.	40	40
Indigo.	85 @	100
Insect Powder, best Dalmatian.	35 @	40
Inspect Powder, H. P. & Co., boxes.	61	61
Iodine, resublimed.	4	00
Isinglass, American.	1	50
Japanica.	10	10
London Putty Engine.	10 @	15
Lead, acetate.	7	7
Lime, chloride, (1/4s 2s 10c & 1/4s 11c)		8
Lupuline.	1	00
Lyopodium.	45	45
Mace.	50	50
Madder, best Dutch.	12 1/2 @	13
Manna, S. F.	75	75
Mercury.	60	60
Muske, Macdonald, P. & W. 1/2 oz.	2 95 @	3
Musk, Canton, H. P. & Co.'s.	40	40
Moss, Iceland.	1	00
Moss, Irish.	12	12
Mustard, English.	18	18
Mustard, grocer's, 10 lb cans.	20	20
Nutgalls.	23	23
Nutmegs, No. 1.	60	60
Oil of Vanilla.	75	75
Ointment, Mercurial, 1/2d.	45	45
Paris Green.	17 @	25
Pepper, Black Berry.	2	50
Pepper, White.	18	18
Pitch, True Burgundy.	15	15
Quassia.	6 @	7
Quinia, Sulph. P. & W.	10 @	80
Quinine, German.	75 @	80
Quinine, English.	1	00
Seidlitz Mixture.	28	28
Styrehina, cryst.	1	00
Silver Nitrate, cryst.	74 @	78
Silver Nitrate, Eng.	30	30
Sal Glauber.	2 @	2
Sal Nitre, large cryst.	10	10
Sal Nitre, medium cryst.	10	10
Roelle.	2 @	2 1/2
Sal Soda.	2 @	2 1/2
Salicin.	2	12
Santonin.	6	50
Scuffs, Macdonald, Scotch.	34	34
Soda Ash (by keg 3c).	1	50
Spermaceti.	48	48
Soda, Bi-Carbonate, DeLand's.	4 1/2 @	5
Soda, White Castile.	14	14
Soda, Green.	15	15
Soap, Mottled do.	19	19
Soap, do do.	19	19
Soap, Mazine.	14	14
Whiting, white Spanish.	26 @	28
Spirits Nitre, 4 F.	30 @	32
Sugar Milk powdered.	35	35
Sulphur, flour.	3 1/2 @	4
Sulphur, roll.	3 @	3 1/2
Tar, N. C. Pine, 1/2 gal. cans 1/2 doz.	2	00
Tar, do quarts in tin.	1	40
Tar, do pints in tin.	85	85
Terpentine, Venice 1 pint.	1	00
Wax, White, S. & F. brand.	55	55
Zinc, Sulphate.	7 @	8
OILS.		
Capitol Cylinder.		75
Model Cylinder.		00
Model Engine.		00
Eldorado Engine.		30
Peerless Machinery.		30
Challenge Machinery.		30
Black Diamond Engine.		30
Black Diamond Machinery.		30
Castor Machine Oil.		00
Paraffine, 55 deg.		15 1/2
Paraffine, 50 deg.		15 1/2
Paraffine, 45 deg.		15 1/2
Sperm, winter bleached.		1 1/4
Whale, winter.	Bbl	75
Whale, white.	70	00
Lead, red.	43	43
Lead, No. 1.	45	45
Linseed, pure raw.	43	45
Linseed, boiled.	40	43
Neat's Foot, winter, strained.	70	90
Spirits Turpentine.	70	90
VARNISHES.		
No. 1 Turp Coach.	1	10 1/2
Extra Turp.	1	10 1/2
Coach Body.	2	75 1/2
No. 1 Turp Furniture.	1	10 1/2
Japan Dryer, No. 1 Turp.	70	75
PAINTS		
Red Venetian.	Bbl	20
Ochre, yellow Marseilles.	13	20
Ochre, yellow Bermuda.	13	20
Putty, commercial.	2 1/2	2 1/2
Putty, strictly pure.	2 1/2 @	2 1/2
Vermilion, prime American.	13	20
Vermilion, English.	13	20
Green, Peninsular.	18 1/2 @	19
Lead, red strictly pure.	6 1/2 @	6 1/2
Lead, white, strictly pure.	6 1/2 @	6 1/2
Whiting, white Spanish.	20	20
Whiting, Gliders.	20	20
White, Par's American.	1	40
Whiting, Paris English.	1	40
Pioneer.	1	00 1/2
Swiss Villa Preparation Paints.	1	00 1/2



# The Michigan Tradesman.

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WEDNESDAY, DECEMBER 30, 1885.

## OUR CLUB.

NO. III.

The election of officers resulted as follows: President, J. N. Rind; Secretary, Coal Era; Directors, J. W. Schamoun, E. Flint, F. Dutch, A. C. Farmer and Residue Johnson. Considerable stir was created by the discovery that there were four more ballots than voters. After a few moments recess the new president took the chair, yours truly grasped the pen, and the first regular meeting of the club began. The following applicants were elected to membership: Elkan Jonesberry, Peter Smythe, Wilkes Booth Jonson and Robido Kethish. The new board then announced themselves ready to report a programme for this and the next meeting: "At this meeting a lecture on 'Boycotting' by Prof. Elkan Jonesberry; at the next meeting, a dance. The report was received with applause and the committee retired to their seats, covered with noise and glory: The Professor was then introduced and said:

My beloved—In the Valley of Oknakas, there dwelled in peace the Sage Nankipoo and many wise laws did he enact for his fellow men. On one day as the men of the tribe were hastening home from their labor, they were hailed by a stranger of the tribe of Baduns, who spoke thus: "Men of Oknakas, for many years ye have labored and toiled, verily by the perspiration of your frontal elevations have ye earned the baked wheaten loaves of the land and what have ye? Nothing but a small pair and the bosses hold an ace high flush. Is this just? Is this on the square? No, fellow dying sinners, echo answers no with a big N. Ye have labored eleven times sixty minutes every day. Others have only labored ten. Go to your masters and say unto them 'we will only labor ten hours, but we must have eleven hours recompensation.' Do this and ye will live on quail and champagne and when ye open the jack pot, it will be with a full hand, instead of a small pair, and when ye play the ace ye will also catch the pedro. Therefore, say I unto you, do these things and be wise and then this Badun disappeared and many were the discussions held by the men of this tribe and long and loud did the windy ones howl. 'Boycott them' was then the battle cry, and it came to pass as the days went on and summer was made in winter that they chose a time when business was dull and work was slack to cry unto their task masters 'do these things for us or we strike.' And their masters who had of the Early Rose and Pennsylvania diamond a store on hand, laughed and said, 'go to, we care not, we have a plenty, strike and starve.' And the foolish ones struck. And when winter had passed by and summer come again many had lost their all, families had perished from want, and to add to their misery the storekeeper had also struck and had said: 'From now on, we will only furnish half as much flour in a barrel as before, but ye must pay the same price as of yore' and when the task masters called for laborers they were glad to come and had learned much in wisdom. Thus sayeth Nankipoo. Sic semper McGinnis. Amen.

After a vote of thanks to the Professor the meeting adjourned. COAL ERA.

## He Drew on the Czar.

H. H. Honore, Col. Fred Grant's father-in-law, who was very rich before the Chicago fire, lost most of his property thereby, and for a time had difficulty in meeting his ordinary expenses. Having, according to report, overdrawn his account \$2,500 at one of the banks, the cashier asked him, toward the close of the year, to make it good. The ex-millionaire vowed he could not. "Give a check on anybody." Said the officer: We want it mainly for the benefit of the book-keeper, so that he can balance." "I'll draw on the Czar of Russia, if you like," remarked Honore, "though neither he nor anybody else who is worth anything is indebted to me." "He'll do; it's only for the form's sake, you know." The draft was made and happened to go through the regular course of collection. When it reached St. Petersburg it was nearly covered with stamps, endorsements and seals, and was finally presented to the Emperor. He declared that he had no recollection of H. H. Honore; but then, as he was an American, he presumed it must be all right, and ordered it paid.

## The Same Pig.

A newly married lady, who recently graduated from Vassar College, is not well posted about household matters. She said to her grocer not long since:

"I bought three or four hams here a couple of months ago, and they were very fine. Have you any more of them?"

Grocer—Yes, ma'am, there are ten of those hams hanging up there.

"Are you sure they are off the same pig?"

"Yes, ma'am."

"Then I'll take three of them."

## Money Easily Earned.

"I can afford to spend this money," said a man in a saloon, "for it cost neither a physical nor intellectual effort, especially intellectual."

"How did you get it?" some one asked.

"Served on a jury and got it in the way of fees."

## Rarely Realized.

"What is your idea of love, Mr. Sinner?"

"Three meals a day and well cooked."

## THE LEADING BRANDS OF

# TOBACCO

Offered in this Market are as follows:

## PLUG TOBACCO.

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

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

## FINE CUT.

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

2c less in 6 pail lots.

## SMOKING.

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

2c less in 100 pound lots.

These brands are sold only by

## Arthur Meigs & Co. Wholesale Grocers,

Who warrant the same to be unequalled. We guarantee every pound to be perfect and all right in every particular. We cordially invite you, when in the city, to visit our place of business, 77, 79 and 81 South Division Street. It may save you money.

# OYSTERS.

## Eaton & Christenson

Are now in the market with  
their Famous

# BIG GUN OYSTERS,

CANNED IN BALTIMORE BY

## W. R. BARNES & CO.

## RINDGE, BERTSCH & CO.,

MANUFACTURERS AND WHOLESALE DEALERS IN

## BOOTS AND SHOES.

AGENTS FOR THE

## BOSTON RUBBER SHOE CO.

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

14 and 16 Pearl Street, Grand Rapids, Mich.

## HESTER & FOX,

MANUFACTURERS AGENTS FOR

## SAW AND CRIST MILL MACHINERY,



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

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

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

## TRY OUR PRINCESS BAKING POWDER.

## J. H. THOMPSON & CO.

BEE SPICE MILLS,

WHOLESALE GROCERS AND JOBBERS OF

## Teas, Coffees & Spices,

MANUFACTURERS OF

The Celebrated Butterfly Baking Powder,

Dealers in Tobaccos, Cigars, Etc.,

59 JEFFERSON AVENUE,

DETROIT, MICH.

## TRY OUR HONEY BEE COFFEE.

# KNIFE TOBACCO.



Tobacco is packed in 30 pound butts, lumps 2x12, Rough and Ready Clubs, 16 oz., full weight. A case of 30 knives packed on the top of each butt. The butt of Tobacco with case of Pocket Knives is branded "Pen Knives;" the one with Jacks, "Jack Knife."

The consumer gets a 16 oz. Plug of the Finest Tobacco that can be produced by purchasing a GOOD KNIFE at 65 cents, well worth the money.

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

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

## STEELE & CO.,

Wholesale Agents at Ionia for

## DETROIT SOAP CO.'S

Celebrated Brands of Soaps.

## QUEEN ANNE, MICHIGAN,

The finest of 1 pound bars. An elegant and correct map of the State with every box.

Price-List of all their standard Soaps furnished on application. Lots of 5 boxes and upwards delivered free to all railroad points. Orders respectfully solicited.

STEELE & CO., IONIA, MICH.

## PERKINS & HESS,

DEALERS IN

## Hides, Furs, Wool & Tallow,

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

WE CARRY A STOCK OF CAKE TALLOW FOR MILL USE.

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WHOLESALE

## PINE AND HARDWOOD LUMBER,

And Dealer in Pine Land. Correspondence solicited with parties having either to sell.

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## SOMETHING NEW

Cushman's

## MENTHOL INHALER



Designed Expressly for Inhaling Menthol.

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

Affords quick relief and effects permanent cure by continued use. Every druggist should order some in the next order to HAZELTINE, PERKINS & CO., Wholesale Druggists, Grand Rapids, Mich. Ask their traveler to show you one the next time he calls.

## 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

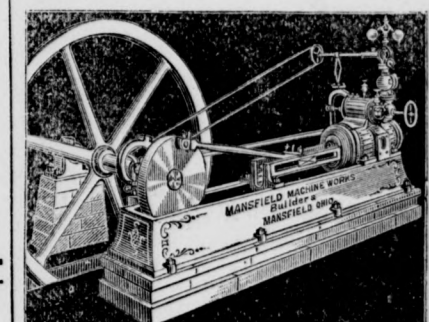
## Hazeltine, Perkins & Co.

GRAND RAPIDS,

MICH

## 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.

Never to our knowledge has any medicine met with the success as has Golden Seal Bitters. It combines the best remedies of the vegetable kingdom so as to derive the greatest medicinal effect, and is making wonderful cures.

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# Uncertainties Attending a Texas Breakfast.

A drummer landed at a wayside tavern in Texas early one morning and after sitting around without discovering any signs of breakfast until an appetite like a mustard plaster was gnawing at his vitals, he walked up to the landlord, who was behind the counter but nearly double over a newspaper, in which he was tracing the lines of a thrilling romance with his fore-finger as he puffed away at an old cobb pipe.

"What time do you have breakfast?" said the stranger.

The landlord groaned, but did not look up. The traveler raised his voice a notch or two and repeated:

"When do you have breakfast?"

The man behind the bar never moved. The traveler thumped on the counter with his knuckles to attract attention, and again said much louder than before:

"When do you have breakfast?"

"Hey?" said the landlord with his face still buried in the newspaper.

"When do you have breakfast?"

"Most every day."

"Is this one of the lucky days?"

"Heh?"

"Are you going to have breakfast to-day?"

"I reckon more'n likely we will."

"How soon do you suppose it will be ready?"

"I don't s'pose nothin' about it."

"What's the reason you don't?"

"Coz I don't know."

"When do you generally have it?"

"When the coffee biles."

"Has the fire been started yet?"

"I don't know nothin' about it."

"What's the reason you don't?"

"Coz I don't care a cuss."

"See here, old man, ain't you the landlord?"

"I reckon mebbe I am."

"Well, then, I'd like for you to tell me who's running this tavern?"

The old man raised his head at last, gave the stranger a look that made his flesh creep, and said:

"Well, sometimes the niggers run it; sometimes the old woman gives it a whirl; sometimes the cussed thing sorter wobbles along for itself, and then agin sometime I give it a hist myself, and every once in a while some lantern-jawed knock-kneed son-of-a-tiger like you comes along and wants to try his hand at making 'it spin; but about the time he gits to shootin' his mouth too free he takes a notion to go to the hoss-trough and soak his head, and after that he's alius meek enough to mind his own business for a spell. What in the name of Tom Scott do you want, anyhow? Can't you keep your coat on till I strike the end of this yere piece? I want to find out what the blazes they're goin' to do with that lousy old pirate I've been worryin' about for the last two months, now that they've ketched him at last. You're not ridin' on the keers now, so what's the use o' bein' a sweat?"

Just then a darky stepped into the back yard and began pounding a joint of stove-pipe with a broken broom handle.

"Does that mean breakfast?" inquired the stranger in a humbled voice.

"I shouldn't wonder a dum bit," returned the landlord, as he again plunged into his newspaper.

Keeping Boilers Free From Scale.

M. Rummel, of Cleveland, writes to the Iron Trade Review on a subject which may interest many readers:

"During the fall and winter of '82 I was employed by the firm of Layman & Son, barrel manufacturers, of Defiance, Ohio, to run a portable engine of 35 horse power. The engine was situated in the woods about nine miles from Defiance, and supplied the power for sawing oak barrel staves. I had no boiler compound with me, but remembered being told by an old and experienced engineer at one time, that he had taken oak logs and fastened them to the tubes of the boiler he used, so they were in constant contact with the water. He said they kept his boiler perfectly clean.

"I dammed up a small creek to form a sufficient body of water, cut down some oaks and threw them into it. As soon as we had commenced sawing I used to throw all the oak sawdust into the water also, and dug a narrow trench from it to a big barrel I sunk into the ground at a short distance from it. From the barrel I pumped direct to the boiler and continued using this kind of water the whole six months I was there.

"The water was very muddy all the time, as teams were always disturbing the small streams which supplied the reservoir or pond. Yet at the end of the time mentioned, on blowing out the boiler I found it as bright and clean as when perfectly new."

"Query: Can not sawdust be used to advantage generally?"

Upward of 1,000,000 carbon points are consumed every week in the United States, and the manufacturers are endeavoring to combine to prevent ruinous competition. Carbon points are the sticks of carbon used in the arc electric lamps. They are about 6 inches long and 1/2 inch in diameter. They are made of compressed coke which has been pulverized and mixed with molasses and other substances. When these carbon points first became an article of commerce they were sold by the manufacturers at \$65 a thousand, and as late as two years ago they sold at \$55. Since then, however, the large profits in the business have resulted in the establishment of at least a dozen factories, and the price has dropped from \$55 to \$15.

# ELASTIC STARCH!

IT REQUIRES NO COOKING.

CLARK, JEWELL & CO.,

SOLE AGENTS,

GRAND RAPIDS,

MICH.

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

SPRING &  
COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

DRY GOODS,

CARPETS,

MATTINGS,

OIL CLOTHS

ETC., ETC.

6 and 8 Monroe Street,

Grand Rapids,

Michigan.

"I. M. C." Best 10c Cigar in Michigan.

"Common Sense," Best 5c Cigar in Michigan.

CLARK, JEWELL & CO.,  
SOLE AGENTS.

F. F. ADAMS & CO.'S  
**DARK AROMATIC**

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

Eaton & Christenson, Agts.,

Grand Rapids.

Mich.

The Well-Known  
J. S. Farren & Co.  
**OYSTERS**  
ARE THE BEST IN MARKET.  
PUTNAM & BROOKS  
WHOLESALE AGENTS.

COMING to GRAND RAPIDS  
IN  
CAR LOADS!

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

EVERY CAN BEARING SIGNATURE OF

The Archer Packing Co.

CHILLICOTHE, ILL.

G. R. MAYHEW, Jobber of RUBBERS.



Agent for Woonsocket, Wales-Goodyear, and Meyer Rubber Companies.  
86 MONROE ST., GRAND RAPIDS, MICH.

JUDD & CO.,  
JOBBER OF SADDLERY HARDWARE  
And Full Line Winter Goods.  
102 CANAL STREET.

A Live Detroit Paper!



THE DETROIT EVENING JOURNAL

Has been GREATLY IMPROVED during the past six months and is now THE BEST EVENING PAPER published in this State.

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Reports of the Detroit, Toledo, Chicago and New York GRAIN AND STOCK MARKETS are more complete and cover up to a later hour than those of its contemporaries.  
(This is an important item for the Business Men and Farmers of Michigan to consider.)

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LOCAL NEWS is Bright and Accurate; its EDITORIALS are Independent, Comprehensive and Pithy.

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Is CLEAN and possesses Features of SPECIAL INTEREST TO LADIES.

THE EVENING JOURNAL is delivered BY CARRIER at 10 Cents per Week, or sent BY MAIL at the rate of \$5.00 per Year, postage prepaid.

## TIME TABLES.

Detroit, Grand Haven & Milwaukee.

GOING EAST.  
Arrives. Leaves.  
\*Steamboat Express. 10:40 a.m. 6:25 a.m.  
\*Through Mail. 10:40 a.m. 10:50 a.m.  
\*Evening Express. 3:40 p.m. 3:50 p.m.  
\*Limited Express. 8:30 p.m. 10:45 p.m.  
\*Mixed, with coach. 11:00 a.m.

GOING WEST.  
Morning Express. 1:05 p.m. 1:10 p.m.  
\*Through Mail. 5:00 p.m. 5:10 p.m.  
\*Steamboat Express. 10:40 p.m.  
\*Mixed. 7:10 a.m.  
\*Night Express. 5:10 a.m. 5:35 a.m.

\*Daily, Sundays excepted. \*Daily. Passengers taking the 6:25 a.m. Express make close connections at Owosso for Lansing and at Detroit for New York, arriving there at 10:30 a.m. the following morning. The Night Express has a through Wagner Car and local Sleeping Car Detroit to Grand Rapids.

D. POTTER, City Pass. Agent.  
GEO. B. REEVE, Traffic Manager, Chicago.

Chicago & West Michigan.

Arrives. Leaves.  
\*Mail. 9:00 a.m. 4:30 p.m.  
\*Day Express. 12:35 p.m. 9:25 p.m.  
\*Night Express. 10:40 p.m. 5:45 a.m.  
\*Muskegon Express. 4:30 p.m. 11:30 a.m.

\*Daily. \*Daily except Sunday. Pullman Sleeping Cars on all night trains. Through parlor car in charge of careful attendants without extra charge to Chicago on 1:00 p.m. and through coach on 9:15 a.m. and 10:40 p.m. trains.

NEWAYGO DIVISION.

Express. 4:20 p.m. 7:30 p.m.  
Express. 8:00 a.m. 10:50 a.m.  
All trains arrive and depart from Union Depot.

The Northern terminus of this Division is at Baldwin, where close connection is made with F. & P. M. trains to and from Ludington and Manistee.  
J. H. CARPENTER, Gen'l Pass. Agent.  
J. B. MULLIKEN, General Manager.

Lake Shore & Michigan Southern.

(KALAMAZOO DIVISION.)

Arrive. Leave.  
Express. 7:15 p.m. 7:30 a.m.  
Mail. 9:30 a.m. 4:00 p.m.  
All trains daily except Sunday.

The train leaving at 4 p.m. connects at White Pigeon with Atlantic Express on Main Line, which has Palace Drawing Room Sleeping Coaches from Chicago to New York and Boston without change.

The train leaving at 7:30 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 Moore street and depot.

J. W. McKENNEY, Gen'l Agent.

Grand Rapids & Indiana.

GOING NORTH.

Arrives. Leaves.  
Cincinnati & Gd Rapids Ex. 9:20 p.m.  
Cincinnati & Mackinac Ex. 9:30 a.m. 11:30 a.m.  
Ft. Wayne & Mackinac Ex. 4:10 p.m. 5:05 p.m.  
G'd Rapids & Trav. City Ac. 7:00 a.m.

GOING SOUTH.  
G. Rapids & Cincinnati Ex. 7:15 a.m.  
Mackinac & Cincinnati Ex. 5:05 p.m. 5:30 p.m.  
Mackinac & Ft. Wayne Ex. 10:30 a.m. 11:45 p.m.  
Cadillac & G'd Rapids Ac. 10:30 p.m.  
All trains daily except Sunday.

SLEEPING CAR ARRANGEMENTS.  
North—Train leaving at 5:05 o'clock p.m. has Sleeping and Chair Cars for Petoskey and Mackinac. Train leaving at 11:30 a.m. has combined Sleeping and Chair Car for Mackinac City.  
South—Train leaving at 5:30 p.m. has Woodruff Sleeping Car for Cincinnati.

C. L. LOCKWOOD, Gen'l Pass. Agent.

Michigan Central.

DEPART.

\*Detroit Express. 6:00 a.m.  
\*Day Express. 12:45 p.m.  
press. 10:40 p.m.  
way Freight. 6:50 a.m.

\*Pacific Express. 6:00 a.m.  
\*Mail. 3:50 p.m.  
\*Grand Rapids Express. 10:35 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 3:05 p.m. next day. A train leaves Detroit at 4 p.m. daily except Sunday with drawing room car attached, arriving at Grand Rapids at 10:35 p.m.

CHAS. H. NORRIS, Gen'l Agent.



## Groceries.

### RETAIL GROCERS' ASSOCIATION OF GRAND RAPIDS.

ORGANIZED NOVEMBER 10, 1885.

President—Erwin J. Herriek.  
First Vice-President—E. B. Walker.  
Second Vice-President—Jas. A. Coye.  
Recording Secretary—A. Johnson.  
Treasurer—H. S. Harris.  
Board of Directors—Eugene Richmond, Wm. H. Sigel, A. J. Elliott, Henry A. Hydorn and W. E. Knox.  
Finance Committee—W. E. Knox, H. A. Hydorn and A. J. Elliott.  
Room Committee—A. J. Elliott, Eugene Richmond and Wm. H. Sigel.  
Arbitration Committee—Gerrit H. DeGraf, M. J. Lewis and A. Rasch.  
Annual meetings—Second Tuesday in November.  
Regular meetings—First and Third Tuesday evenings of each month.  
Next meeting—Tuesday evening, Jan. 5.

### Grocers' Association of the City of Muskegon.

#### OFFICERS.

President—H. B. Fargo.  
First Vice-President—Wm. B. Keitt.  
Second Vice-President—A. J. Towl.  
Recording Secretary—Wm. B. Keitt.  
Financial Secretary—John DeHaas.  
Board of Directors—O. Lambert, W. L. McKenzie, H. B. Smith, Wm. B. Kelly, A. Towl and E. Johnson.  
Finance Committee—Wm. B. Kelly, A. Towl and E. Johnson.  
Committee on Rooms and Library—O. Lambert, H. B. Smith and W. L. McKenzie.  
Arbitration Committee—B. Borgman, Garrit Wagner and John DeHaas.  
Complaint Committee—Wm. B. Keitt, D. A. Boelkins, J. O. Jeannot, R. S. Miner and L. Vincent.  
Law Committee—H. B. Fargo, Wm. B. Keitt and A. Towl.  
Transportation Committee—Wm. B. Keitt, Andrew Wierenga and Wm. Peet.  
Regular meetings—First and third Wednesday evenings of each month.  
Next meeting—Wednesday evening, Jan. 6.

### The Question of Lady Travelers.

Correspondence Fancy Goods Recorder.  
The question of lady drummers displacing those of the sterner sex is being agitated and some investigations as to the success of the venture in England have been made. The result of the inquiry was to the effect that the plan had been a decided hit as far as it had been tried, the fair solicitors meeting with very flattering receptions and good sales in all cases. In an article comparing the trade and the probable saleswomen of the two countries—England and the United States—a recent writer states that in England there are vastly more female shopkeepers than there are in this country and that the sex there are more robust and can stand the fatigue of the journeys and hardships attendant upon the roving life of a drummer far better than our frail American women could. While there is truth in this statement, it should also be borne in mind that the journeys here would be very much longer, and the inconveniences and hardships ten-fold greater than those encountered by the English drummers, and the dangers of insult, and all manner of outrages, is naturally very much greater in a new country, and among a mixed and largely irresponsible population, such as ours in many localities, than it would be in an old and thickly settled country like England. The writer above referred to also comments upon the tendency among American young women to flirt, as a serious drawback to the introduction of the female drummer in this country and I am inclined to think that he puts the point very mildly. It is a lamentable fact that the class of women who would accept such positions on this side of the Atlantic are, in nineteen cases out of twenty, only too willing, and in many cases exceedingly anxious to flirt with men. In fact the habit has extended to most alarming limits and would be a serious annoyance in the case of this class of employees. We would find the woman who was making a long and tedious journey would become so injured to contact with men that she would readily accept the advances of a man in the same line of business as brother drummers do today, and we all know what the result of that would be.

Then we would find that the lady drummer would go to dangerous lengths to secure an order, if she saw that it was probably within her reach without seriously compromising herself. One thing would lead to another and the competition between female drummers would be much stronger and more spirited than it is between men, because a woman's desire to conquer is not so well balanced by judgment as that of a man. Were I a "brother of the cloth," I would welcome the fair aspirants for positions in the corps as a very pleasing innovation for the entertainment of the boys, but by no means a profitable venture for the employer. Of course there would be exceptions, but only enough to prove the rule, and the rumored "orgies" of the "Knights of the Valise" would pale into insignificance when compared to the reputation which would attach to their competitors in petticoats after a six months' trial of the plan. I am not alarmed by the prospect of lady drummers becoming "prevalent."

### The Grocery Market.

Business and collections are both fairly good. None of the staples have sustained much of a fluctuation in price, although currents have advanced another 1/4 cent.  
Secretary Lamar has decided that until a patent is delivered into the possession of the patentees it is not beyond recall by the Commissioner of Patents. The question came up when the patent had been signed by the Commissioner and Secretary, but was recalled before it was delivered, but the patentee claimed that within the meaning of the law the patent was issued and could not be recalled.  
Order a sample package of Bethesda Mineral Spring Water from your grocery jobber. See quotations in another column.  
"Lug" tobacco is being cornered in the Louisville, Ky., market.

### Arbitration Instead of Starvation.

From the Age of Steel.  
Dr. Watt, in his book, "Work and Pay," has made a calculation showing how a striker, if successful, must work at the advanced wages to recover the sum lost while idle. Suppose he strikes for 5 per cent. increase. Assuming the weekly wages to be 2 per cent. of that of a working year, it will take one and three-fifths year to make up for one month's wages lost; four and one-fifth years for three months' lost, and so on.

Then the loss to employer remains to be considered. This may be great or small, according to the nature and condition of the business, the capital invested, and so forth. Generally, however, it is large enough to be felt—sometimes it may occasion serious embarrassment; and not infrequently, as has been proved, it may bring down ruin upon vast related interests. The deplorable strike among the miners of the Hocking valley may be cited as an example of what has happened before and as an intimation of what may happen again in making the settlement of wages disputes dependent upon physical endurance on the one side as against failing revenue on the other. The losses sustained by the strike in that region, beginning June 27, 1884, were figured up at one time as follows: Loss of trade to the members of the board of trade and coal companies, \$1,630,000; loss to business men outside the board, \$350,000; loss of freight to railroads centering at Columbus, \$1,100,000; loss to furnaces in the Valley, \$225,000, besides losses in other ways of corresponding magnitude. The direct losses to the city of Columbus is estimated to have been in excess \$3,500,000.

In view of such astonishing, not to say appalling, showings as these the intelligence which directs and controls the relations between capital and labor can not, consistently, be said to be of a very high order. Industrially uncivilized is a term which, if used in this connection, would not be far out of the way.

There is a remedy for this unfortunate state of affairs, as might be made generally known if bigotry and incredulity did not stand in the way. We refer to arbitration, either under forms of law or under association auspices.

In every contest between capital and labor, right and wrong are involved. In all such cases it may be assumed that disinterested parties with special qualifications are more likely to discover what is right than the parties to the contest. Arbitration proceeds upon this broad assumption, and for this reason commands itself to every right thinking man.

### More about the "Red Streak."

Henry B. Baker, Secretary State Board of Health, Lansing—I send you a copy of the last Michigan Crop Report, which contains a discussion of the Potato Rot. It is a contagious disease, but there is no known connection between it and diphtheria, which is a contagious disease of human beings.

Jos. R. & J. S. Dixon, Charlevoix—Your card of Dec. 10, addressed to Dr. Geo. W. Crouter, has been handed to us for reply. The red streak affects in this county quite extensively the Early Rose potato. We do not yet raise, except to a very limited extent, the Late Rose. We judge about one-fourth to one-third of the crop of the Early Rose has been so much affected this year by a discoloration, called "red streak," as to be noticed after the potato has been boiled for the table. We first met this objection to the sale of this variety last August. We were obliged to substitute the Beauty of Hebron for the Early Rose. This change gave our customers entire satisfaction. Hereafter we intend to raise some other variety in place of either the Early or Late Rose. For an early variety we are well pleased with the Chicago Market; for a late variety the Beauty of Hebron; and for a late variety we propose to try the Empire State, introduced last spring by W. A. Durpee, of Philadelphia, Pa.

Jas. Campbell, Westwood—Since writing you last week, I have made a thorough investigation of the subject, and find occasional evidences of the "red streak" in the Rose potatoes raised in this locality. The potatoes are not sufficiently marked, however, to render them unmarketable. I think the TRADESMAN is right in asserting that farmers ought to cease planting the Rose potato, and supplant them with Burbanks or Beauty of Hebron, and I consider the paper is doing good service to the farmers and shippers of the State in giving so much attention to the subject.

### Lost His Grip.

From the Atlanta Constitution.  
The man who has lost his grip deserves more attention than he usually receives. He is an old friend. Everybody knows him. He is a man who lives, not from choice, but from necessity, on a diet of cold shoulder. It seems impossible for a man who has completely lost his grip to regain it. He may be a steam engine in breeches, and a model of good conduct and integrity, but his energy and ability will go for nothing. It is useless for him to assert himself and make a decided stand. The tide is against him, and he cannot successfully breast it. The fact that our unfortunate acquaintance once had a grip indicates that he at one time in his career possessed some of the essentials belonging to the make-up of a successful man. The explanation of his hopeless and helpless "flop" involves the analysis of the leading condition of success and failure.

A bottle of pepper sauce is mentioned as one of the wedding presents of an Iowa bride.

### A Shrewd Salesman's Trick.

From the Albany Journal.  
I fell in with two veteran Fulton county glove men on a Central-Hudson train. One of the gentlemen was a manufacturer. The other was a drummer. They joked and related anecdotes about the glove trade. "You remember Dwight Thomas," said the manufacturer. "Yes, well; I first met Dwight when I was clerking in a country grocery store forty-five years ago. Dwight had the reputation at one time of selling more goods than any other man who went out of Fulton county. Many years ago he used to go around the country with a wagon. When he found that some style of glove or mitt was going slow, he would put thirteen pair in a regular dozen box, and plump in a country store with the box under his arm. He would put up the list price of the goods from \$2 to \$3. 'It's the last dozen I have,' he would say. The ever-cautious storekeeper would carefully count over the thirteen pair in the dozen box, and, thinking he had a bargain, would tumble into Dwight's trap and buy them. To the next customer Dwight would say in disposing of the eleven pair at an increase of \$2 on the list price: 'The proprietor of such and such a hotel bought a pair of those gloves last season. He was so pleased with the good quality of the glove that he made me break this dozen when I stopped over last night.' Dwight must have been seventy years old when he died at Gloversville three or four years ago."

In India itinerant eye doctors go from town to town crying their profession, which they practice right in the open square. Operations for cataract they perform with the utmost celerity, using a penknife, and very generally with excellent success.

### MISCELLANEOUS.

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

PHYSICIAN WANTED—A good regular physician who can come recommended, can hear of a good good location, pay, little opposition in splendid farming and fruit growing section of the state can be obtained by renting property of retiring physician. Address, W. R. Rynd, M. D., 251 Gold St., Grand Rapids, Mich. 121

FOR SALE OR RENT—Store in the liveliest manufacturing town of 2,000 population in the State. Splendid opening for grocery, drug or clothing business. Possession given March 1. For further particulars, address Lock Box 116, Muskegon, Mich. 1191

WANTED—A situation in retail drug store. Nine years' experience. Best of references given. Address, P. O. Drawer 14, Grand City, Mich. 119

PARTNER WANTED—A general merchant doing a business in the lumber and lumber trade desires a partner with two thousand dollars capital. For particulars address, "Partner," care the Tradesman. 1171

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

### PROVISIONS.

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

**PORK IN BARRELS.**  
Mess, Chicago packing, new, 11.00  
Mess, Chicago packing, 10.00  
Clear, short cut, Chicago packing, 12.50  
Extra family clear, short cut, 11.50  
Clear, A. Webster packing, new, 12.50  
A. Webster packing, short cut, 12.00  
Extra pig, short cut, 12.00  
Extra clear, heavy, 12.75  
Clear back, short cut, 13.00

**DRY SALT MEATS—IN BOXES.**  
Long Clears, heavy, 5.50  
do, medium, 5.00  
do, light, 4.50  
Short Clears, heavy, 6.50  
do, medium, 6.00  
do, light, 5.50

**SMOKED MEATS—CANNED OR PLAIN.**  
Hams, heavy, 9.50  
do, medium, 9.00  
do, light, 8.50  
Boneless Hams, 10.00  
Boneless Shoulders, 6.50  
Breakfast Bacon, 7.50  
Dried Beef, extra quality, 11.00  
Dried Beef, Ham pieces, 11.00  
Shoulders cured in salt pickle, 6.00

**LARD.**  
Tierces, 6.50  
30 and 50 lb Tubs, 6.50  
50 lb Round Tubs, 6.50

**LARD IN TIN PAILS.**  
20 lb Pails, 4 pails in case, 7.00  
3 lb Pails, 20 in a case, 7.50  
5 lb Pails, 12 in a case, 7.50  
10 lb Pails, 6 in a case, 7.50

**BEEF IN BARRELS.**  
Extra Mess Beef, warranted 200 lbs., 9.25  
Boneless, extra, 13.50

**SAUSAGE—FRESH AND SMOKED.**  
Pork Sausage, 10.00  
Ham Sausage, 10.00  
Tongue Sausage, 10.00  
Frankfort Sausage, 10.00  
Blood Sausage, 10.00  
Bologna, straight, 10.00  
Bologna, thick, 10.00  
Head Cheese, 10.00

**PIGS' FEET.**  
In half barrels, 3.75  
In quarter barrels, 1.87

**FRESH MEATS.**  
John Mohrhard quotes the trade selling prices as follows:  
Fresh Beef, sides, 4 1/2 @ 6 1/2  
Fresh Beef, hind quarters, 6 @ 8 1/2  
Dressed Hogs, 4 1/2 @ 6  
Mutton, carcasses, 8 @ 10  
Veal, 8 @ 10  
Pork Sausage, 6 1/2 @ 7  
Bologna, 6 1/2 @ 7  
Spring Chickens, 7 @ 8  
Ducks, 6 @ 7  
Turkeys, 6 @ 7

**HIDES, FELTS AND FURS.**  
Perkins & Hess pay as follows:  
**HIDES.**  
Green, 10 @ 12  
Part cured, 8 1/2 @ 10  
Full cured, 9 @ 12  
Dry hides and kips, 8 @ 12  
**WOOL.**  
Fine washed, 10 @ 12  
Coarse washed, 8 @ 10  
**FURS.**  
Bear, 1.00 @ 1.20  
Fisher, 2.00 @ 2.50  
Red Fox, 2.50 @ 3.00  
Grey Fox, 2.50 @ 3.00  
Mink, 2.50 @ 3.00  
Muskrat, winter, 1.00 @ 1.20  
Otter, 1.00 @ 1.20  
Raccoon, 1.00 @ 1.20  
Skunk, 1.00 @ 1.20  
Beaver, 1.00 @ 1.20  
Deer, 1.00 @ 1.20

### WHOLESALE PRICE CURRENT.

These prices are for cash buyers, who pay promptly and buy in large packages.

**AXLE GREASE.**  
Frazier's, 60 Paragon, 1.80  
Diamond X, 60 Paragon 25 lb pails, 1.20  
Modoc, 4 doz., 2.50  
Frazier's, 25 lb pails, 1.25  
**BAKING POWDER.**  
Thompson's Butterfly, 1.25  
do, 6 or 10 lb cans, 27  
do, 1/4 doz. in case, 27  
do, 1/2 doz. in case, 27  
J. H. Thompson & Co.'s Princess, 1.25  
do, 1/4 doz. in case, 27  
do, 1/2 doz. in case, 27  
Arctic, 1/4 lb cans, 1.25  
do, 1/2 lb cans, 1.25  
Silver Spoon, 3 doz., 7.50

**BLUING.**  
Dry, No. 2, 1.00  
Dry, No. 3, 1.00  
Liquid, 8 oz., 1.00  
Arctic 8 oz., 1.00  
Arctic No. 1 pepper box, 2.00  
Arctic No. 2, 2.00  
Arctic No. 3, 2.00

**CANNED FISH.**  
Clams, 1 lb standards, 1.15  
Clams, 2 lb standards, 1.15  
Clams, 3 lb standards, 1.15  
Cove Oysters, 2 lb standards, 1.15  
Lobsters, 1 lb standards, 1.15  
Lobsters, 1 lb standards, 1.15  
Mackerel, 1 lb fresh standards, 1.10  
Mackerel, 1 lb fresh standards, 1.10  
Mackerel in Tomato Sauce, 3 lb, 1.10  
Mackerel in Mustard, 3 lb, 1.10  
Mackerel, 3 lb broiled, 1.10  
Salmon, 1 lb Columbia river, 1.15  
Salmon, 1 lb Sacramento, 1.15  
Sardines, domestic, 1/4 lb, 1.15  
Sardines, domestic, 1/4 lb, 1.15  
Sardines, Mustard, 1/4 lb, 1.15  
Sardines, imported, 1/4 lb, 1.15  
Trout, 3 lb broiled, 1.15

**CANNED FRUITS.**  
Apples, 3 lb standards, 1.15  
Apples, galls, standards, 1.15  
Blackberries, standards, 1.15  
Cherries, red standard, 1.15  
Damon's, 1.15  
Egg Plums, standards, 1.15  
Green Gages, standards, 1.15  
Peaches, Extra Yellow, 1.15  
Peaches, standards, 1.15  
Peaches, seconds, 1.15  
Pineapples, standards, 1.15  
Quinces, 1.15  
Raspberries, extra, 1.15

**CANNED FRUITS—CALIFORNIA.**  
Apricots, 2.25  
Egg Plums, 2.25  
Grapes, 2.25  
Green Gages, 2.25  
Quinces, 2.25  
Peaches, 2.25

**CANNED VEGETABLES.**  
Asparagus, Oyster Bay, 3.25  
Beans, Lima, standards, 90 @ 10  
Beans, Stringless, Erie, 1.00  
Beans, Stringless Baked, 1.00  
Corn, Trophy, 1.00  
do, Red Seal, 1.00  
do, Excel, 1.00  
Peas, French, 1.15  
Peas, Marfat, standard, 1.15  
Peas, Beaver, 1.15  
Pumpkin, 3 lb standards, 1.15  
Succotash, standard, 1.15  
Tomatoes, Trophy, 1.05 @ 1.10  
Tomatoes, Hillsdale, 1.05  
Tomatoes, Adrian, 1.05  
Tomatoes, Three Rivers, 1.05

**CHEESE.**  
Michigan full cream, 11 @ 12  
Half skim, 9 @ 10  
Skim, 5 @ 6

**CHOCOLATE.**  
Boston, 36 German Sweet, 25  
Baker's, 36 Vienna Sweet, 23  
Runckles, 36

**COFFEE.**  
Green Java, 17 @ 18  
Green Mocha, 20 @ 21  
Roasted Rio, 10 @ 11  
Roasted Java, 20 @ 21

**COFFEES—PACKAGE.**  
McLaughlin's, 100 lbs, 60 lbs, 13 1/2  
Arbuckle's, 100 lbs, 60 lbs, 13 1/2  
1/2 cent less in 10 lb barrel lots.

**CRACKERS.**  
X, 5  
XXX, 5 1/2  
5 per cent. off in 10 lb barrel lots.

**FISH.**  
Boaters, Smoked Yarmouth, 85 @ 90  
Cod, whole, 10 @ 11  
do, split, 10 @ 11  
Halibut, 10 @ 11  
Herring, 1/4 bbls, 2.75  
Herring, Holland, domestic, 1.25 @ 1.50  
Herring, Sweden, 1.25 @ 1.50  
Mackerel, Penny bbls, 4.75 @ 5.00  
Mackerel, shore, No. 2, 1/4 bbls, 5.00  
do, No. 1, 1/4 bbls, 5.00  
do, No. 3, 1/4 bbls, 3.50  
do, 12 lb kits, 6.25  
do, 10 " " " " 6.25  
Shad, 1/4 bbl, 4.00  
Trout, 1/4 bbl, 4.00  
do, 12 lb kits, 7.00  
do, 10 " " " " 7.00  
White, No. 1, 1/4 bbls, 6.00  
do, No. 2, 1/4 bbls, 6.00  
do, No. 3, 1/4 bbls, 6.00  
White, No. 1, 10 lb kits, 1.00  
do, No. 2, 10 lb kits, 1.00  
do, No. 3, 10 lb kits, 1.00  
White, Family, 1/4 bbls, 2.25

**FLAVORING EXTRACTS.**  
Vanilla, 1.00  
Lemon, 1.00  
Jennings' 2 oz., 1.00 @ 1.40  
do, 4 oz., 1.50 @ 2.50  
do, 6 oz., 2.50 @ 4.00  
do, 8 oz., 4.00 @ 6.00  
do, 1 lb, 6.00 @ 10.00  
do, 2 lb, 10.00 @ 15.00  
do, 4 lb, 15.00 @ 25.00  
do, 8 lb, 25.00 @ 40.00  
do, 16 lb, 40.00 @ 60.00  
do, 32 lb, 60.00 @ 100.00  
do, 64 lb, 100.00 @ 150.00  
do, 128 lb, 150.00 @ 200.00  
do, 256 lb, 200.00 @ 250.00  
do, 512 lb, 250.00 @ 300.00  
do, 1024 lb, 300.00 @ 350.00  
do, 2048 lb, 350.00 @ 400.00  
do, 4096 lb, 400.00 @ 450.00  
do, 8192 lb, 450.00 @ 500.00  
do, 16384 lb, 500.00 @ 550.00  
do, 32768 lb, 550.00 @ 600.00  
do, 65536 lb, 600.00 @ 650.00  
do, 131072 lb, 650.00 @ 700.00  
do, 262144 lb, 700.00 @ 750.00  
do, 524288 lb, 750.00 @ 800.00  
do, 1048576 lb, 800.00 @ 850.00  
do, 2097152 lb, 850.00 @ 900.00  
do, 4194304 lb, 900.00 @ 950.00  
do, 8388608 lb, 950.00 @ 1000.00  
do, 16777216 lb, 1000.00 @ 1050.00  
do, 33554432 lb, 1050.00 @ 1100.00  
do, 67108864 lb, 1100.00 @ 1150.00  
do, 134217728 lb, 1150.00 @ 1200.00  
do, 268435456 lb, 1200.00 @ 1250.00  
do, 536870912 lb, 1250.00 @ 1300.00  
do, 1073741824 lb, 1300.00 @ 1350.00  
do, 2147483648 lb, 1350.00 @ 1400.00  
do, 4294967296 lb, 1400.00 @ 1450.00  
do, 8589934592 lb, 1450.00 @ 1500.00  
do, 17179869184 lb, 1500.00 @ 1550.00  
do, 34359738368 lb, 1550.00 @ 1600.00  
do, 68719476736 lb, 1600.00 @ 1650.00  
do, 137438953472 lb, 1650.00 @ 1700.00  
do, 274877906944 lb, 1700.00 @ 1750.00  
do, 549755813888 lb, 1750.00 @ 1800.00  
do, 1099511627776 lb, 1800.00 @ 1850.00  
do, 2199023255552 lb, 1850.00 @ 1900.00  
do, 4398046511104 lb, 1900.00 @ 1950.00  
do, 8796093022208 lb, 1950.00 @ 2000.00  
do, 17592186044416 lb, 2000.00 @ 2050.00  
do, 35184372088832 lb, 2050.00 @ 2100.00  
do, 70368744177664 lb, 2100.00 @ 2150.00  
do, 140737488355328 lb, 2150.00 @ 2200.00  
do, 281474976710656 lb, 2200.00 @ 2250.00  
do, 562949953421312 lb, 2250.00 @ 2300.00  
do, 1125899906842624 lb, 2300.00 @ 2350.00  
do, 2251799813685248 lb, 2350.00 @ 2400.00  
do, 4503599627370496 lb, 2400.00 @ 2450.00  
do, 9007199254740992 lb, 2450.00 @ 2500.00  
do, 18014398509481984 lb, 2500.00 @ 2550.00  
do, 36028797018963968 lb, 2550.00 @ 2600.00  
do, 72057594037927936 lb, 2600.00 @ 2650.00  
do, 144115188075855872 lb, 2650.00 @ 2700.00  
do, 288230376151711744 lb, 2700.00 @ 2750.00  
do, 576460752303423488 lb, 2750.00 @ 2800.00  
do, 1152921504606846976 lb, 2800.00 @ 2850.00  
do, 2305843009213693952 lb, 2850.00 @ 2900.00  
do, 4611686018427387904 lb, 2900.00 @ 2950.00  
do, 9223372036854775808 lb, 2950.00 @ 3000.00  
do, 18446744073709551616 lb, 3000.00 @ 3050.00  
do, 36893488147419103232 lb, 3050.00 @ 3100.00  
do, 73786976294838206464 lb, 3100.00 @ 3150.00  
do, 147573952589676412928 lb, 3150.00 @ 3200.00  
do, 295147905179352825856 lb, 3200.00 @ 3250.00  
do, 590295810358705651712 lb, 3250.00 @ 3300.00  
do, 1180591620717411303424 lb, 3300.00 @ 3350.00  
do, 2361183241434822606848 lb, 3350.00 @ 3400.00  
do, 4722366482869645213696 lb, 3400.00 @ 3450.00  
do, 9444732965739290427392 lb, 3450.00 @ 3500.00  
do, 18889465931478580854784 lb, 3500.00 @ 3550.00  
do, 37778931862957161709568 lb, 3550.00 @ 3600.00  
do, 75557863725914323419136 lb, 3600.00 @ 3650.00  
do, 151115727451828646838272 lb, 3650.00 @ 3700.00  
do, 302231454903657293676544 lb, 3700.00 @ 3750.00  
do, 604462909807314587353088 lb, 3750.00 @ 3800.00  
do, 1208925819614629174706176 lb, 3800.00 @ 3850.00  
do, 2417851639229258349412352 lb, 3850.00 @ 3900.00  
do, 4835703278458516698824704 lb, 3900.00 @ 3950.00  
do, 9671406556917033397649408 lb, 3950.00 @ 4000.00  
do, 19342813113834066795298816 lb, 4000.00 @ 4050.00  
do, 38685626227668133590597632 lb, 4050.00 @ 4100.00  
do, 77371252455336267181195264 lb, 4100.00 @ 4150.00  
do, 154742504910672534362390528 lb, 4150.00 @ 4200.00  
do, 309485009821345068724781056 lb, 4200.00 @ 4250.00  
do, 618970019642690137449562112 lb, 4250.00 @ 4300.00  
do, 1237940039285380274899124224 lb, 4300.00 @ 4350.00  
do, 2475880078570760549798248448 lb, 4350.00 @ 4400.00  
do, 4951760157141521099596496896 lb, 4400.00 @ 4450.00  
do, 9903520314283042199192993792 lb, 4450.00 @ 4500.00  
do, 19807040628566084398385987584 lb, 4500.00 @ 4550.00  
do, 39614081257132168796771975168 lb, 4550.00 @ 4600.00  
do, 79228162514264337593543950336 lb, 4600.00 @ 4650.00  
do, 158456325028528675187087900672 lb, 4650.00 @ 4700.00  
do, 316912650057057350374175801344 lb, 4700.00 @ 4750.00  
do, 633825300114114700748351602688 lb, 4750.00 @ 4800.00  
do, 1267650600228229401496703205376 lb, 4800.00 @ 4850.00  
do, 2535301200456458802993406410752 lb



# Hardware.

## The Nailers' Strike.

From the Industrial World.

There is a good deal of boomerang in human affairs. Actions are continually growing into results never intended in their inception and frequently in direct opposition to the purposes of the actors. As early as last spring trouble began to brew in the nail-making world. The nailers opposed the more pacific councils of the Amalgamated Association and set up an independent union of their own, controlled by the more turbulent of their number. The next step was a demand from the manufacturers for a continuance of the wages of 1884 or of the 21-cent card. This was refused and an 18-cent card offered instead. Under the old card, moreover, the wages paid increased or decreased one cent with each increase or decrease of three cents in the price of nails, while the manufacturers were willing to pay but an increase or decrease of 1 cent for each increase or decrease of 1 cent in an 18-cent card. Overtures were made on both sides, but an agreement could not be reached, and on the 1st of June a strike was declared which continues to "drag its slow length along," and which has been rather interesting in several of its aspects. There are two sides to every question, although it is quite possible that one side may be extremely foolish in a practical way and as a matter of policy. The right on one side to pay as much or little as is seen fit, and on the other to work or quit as may seem proper, provided no one else is interfered with, is unquestionable.

Without discussing the wisdom or justice of the strike some of the conditions prevailing and resulting are worth mentioning. When the strike began the nail trade was seriously depressed, prices had fallen to a point where production was claimed, with every appearance of truth, to be unprofitable, or even to entail actual loss. There was no confidence in trade or values. Nails sold at \$1.80 per keg, and went a-begging. The strike threw nearly three thousand of the thirty-three hundred machines west of the Allegheny mountains out of work, blotting out a very large output of the country. When the production was thus stopped there were no surplus stocks on hand, and it was the active building season when nails are most in demand. The supply of the country became dependent upon the Eastern mills, and their capacity was taxed to meet the requirements, although at no time was there any great nail famine. Prices went up until nails sold in Chicago at \$3.25 per keg, but no compromise was reached. The strikers pointed to the advance in prices and asserted that the mills could pay the 21-cent card. The mills, recognizing that prices had been pushed up by the strike and that, owing to the excessive capacity of the mills of the country, they would react as soon as all the machines were started, were averse to doing otherwise than standing by their proposal of an 18-cent rate. The strike affected the nailers only. It is their duty to look after the knives only, keeping the machines in order and superintending the work generally. The feeders, or men who feed the iron and steel from which the nails are made did not strike. Since the strike began an effort has been made to run the machines with the feeders in charge and with some success. A few nailers have also deserted the union, and the number of machines at work has gradually increased until it is now nearly if not quite seven hundred. This gradual increase has strengthened the manufacturers in their position, and, having passed through the busy season, they are farther strengthened by the fact that we are not at the beginning of that quarter of the year when few nails are wanted. The correctness of their position is also in a measure shown by the reaction in prices, which have dropped to \$2.60, or less, under the decreasing demand and increasing output. The fact is that the Western mills have been paying much higher wages than those at the East, and the reduction made is solely for a purpose of equalizing; such an equalization, it is claimed, being necessary to successful competition. The assertion is made that by spring enough feeders will have become competent to enable the running of all machines which it may be desirable to run. Thus it will be seen that the results of the strike have been a transfer of the summer and fall trade from the Western to the Eastern mills and an increase of the work given to the Eastern nailers, against whose cheaper work the strikers are competing; the training of a new set of nailers to take the place, in part at least, of the strikers, and an advance in the market price of nails. The first two of these results are temporary. The last two will be more permanent in their effects. In a word, the nailers, by their unwillingness to bear their share of competition, have played into the hands of their competitors. All these results have been brought about with an immense amount of suffering and at a great cost to the nailers.

In this connection it may be interesting to inquire what wages the nailers were able to make before the strike and what they could earn at the wages offered by the mills. As above stated, each nailer is supposed to attend to four machines, and the capacity of each machine is put at 20 kegs per day, making a total of eighty kegs, which, at 21 cents per keg, makes \$16.80 per day, out of which he had to pay his four feeders. The wage of the feeder was a matter of arrangement, but was usually half of what his machine earned, or, under the above estimate,

\$2.10 per day or \$8.40 per day to the four feeders, leaving a net of \$8.40 to the nailer, wages which nine-tenths of mankind would jump at. It is true that work is not steady the year around, but the same is true of masons, bricklayers and many other trades whose followers do not get half the above wages. The reduction under the 18-cent card would be one-seventh, leaving the nailer still more than \$7 per day. The strikers have also demanded the summary discharge of all feeders who are now acting as nailers. The strike has cost the nailers fully ten millions of dollars in wages and has taken from the feeders three-fourths as much more. Indeed, the common estimate is nearly double the figures given. Does it pay? There is no principle at stake. It is purely a matter of dollars and cents.

## The Vanderbilt Way.

A Connecticut tin peddler called "Honest Charley" was missed from his route for a couple of months last summer, and when he reappeared explained that he had been down to New Haven to get some railroad experience. "Are you going to railroad?" "Of course not, but I'm going to pool in with four other peddlers, and I wanted to learn the railroad way of letting them do all the work while I scoop the profits. I'll own wagons, horses, drivers and all before another spring."

## The Pennsylvania Way.

From the Pittsburgh Chronicle. "I made a dollar awful slick to-day," said Jones. "How'd you do it?" inquired Smith, eagerly. "Greased it," retorted Jones.

The business of painting the huge signs upon fences and barns which assault the eye in all parts of the country is in the hands of a few contractors in New York and Chicago. One firm in New York spends from \$10,000 to \$20,000 a year in this way, paying from one and one-half to two cents a square foot for the work. The bigger the sign the better. Many can be found reaching 300 feet in length, and the biggest of all (at Newark, Ohio) is more than 800 feet long, and contains only one word.

Frobach has discovered a method of making sugar without crushing or pressing the canes. The cane is cut into strips and the water is extracted by alcoholic vapor, which leaves the saccharine to be dissolved into liquid. The alcohol and sugar are filtered out by means of lime and chalk. It is claimed that this process of manufacture will add one-third to the production over and above any process now in use.

The London Standard says that the population of Paris is decidedly decreasing. Last autumn there were nearly 115,000 fewer inhabitants of the French capital than four years ago, and this diminution bears heavily on the cab and omnibus companies. Apparently the chief absentees are the foreign residents and the poorer working class, who can get food and house room cheaper outside the city.

A traveling man who was not keeping up very well in his business came home one day with his valise in his hand, and his bright little daughter met him at the gate. "O, papa," she cried, "where did you find it?" "Find what, Bessie?" "Your grip-sack, of course." "It wasn't lost, dear." "Yes it was, for I heard Mrs. Jones tell Mrs. Brown you had lost your grip and she was real sorry."

It is claimed by some shippers that Michigan potatoes are fast losing their grip on the markets of the South. Kentucky tubers are fast coming to the front, and some grown in Utah by Norwegians are superior to any now on the market. It is certain that large quantities of potatoes have been brought to some markets this fall in bad condition, small and half frozen ones going in with the good.

During the last thirty years the consumption of malt liquor, which had been very inconsiderable and confined to a few localities, has greatly increased in Ireland. Brewing in the last century was in some parts a very flourishing industry, but when the duties on a barrel of corn brewed into ale became nearly double the duties on the same quantity distilled into whisky the latter became the popular tipple.

The largest vine in the world is said to be one growing at Oys, Portugal, which has been bearing since 1802. Its maximum yield was in 1864, in which year it produced a sufficient quantity of grapes to make 165 gallons of wine; in 1874, 146½ gallons, and in 1884 only 79½ gallons. It covers an area of 5,315 square feet, and the stem at the base measures 6½ feet in circumference.

The latest door-knob device is one operated by pressing on a button in the center of the knob, similar to the ordinary electric button, but the knob itself remains stationary.

W. F. Cornell, representing Barnhart Bros. & Spindler, of Chicago, is in the city to attend the traveling men's party. He is accompanied by his wife.

The proprietor of the Pacific House, at Kansas City, is possessor of a mad-stone, which is claimed to have worked wonders. Snow banks fully 100 feet high, that have lain there for many years, are to be found in the Upper Sierras.

By a decree of the Khedive of Egypt, gold has become the sole monetary standard of that country.

By the Illinois law, all soaked canned goods have to be branded Soaks, after Jan. 1st, 1886.

The druggists of Lawrence, Kan., made 1,752 liquor sales last month.

## Cranks, and Cranks.

There was a long-haired man in the smoking-car, and some of the passengers were making sport of him. They called him a crank. "Tut, tut, boys," said an elderly passenger, "don't call him a crank simply because he has long hair. Let me tell you a story. I owned a farm many years ago down East. One day I noticed a long-haired man walking about my place in a very quiet way. I asked him what he was doing, and he said he was just looking about a little. But he was there the next day and the next. Finally I insisted on telling him what he wanted and he said:

"Well, farmer, there's buried treasure under your farm, and I've been trying to locate the best place to dig for it. I've found the place, and now I will make a bargain with you. You do the digging, and we will divide the treasure equally between us."

"I agreed, and went to digging where he told me to. I spent all the money I had on earth putting the hole down, notwithstanding that the neighbors all laughed at me, and called the man a long-haired crank."

"You were a bigger fool than I took you for," laughed one of the passengers. "There you go again," said the old man. "You youngsters judge by appearances, and think you know all. You—"

"But you never found any buried treasure, did you?" "Yes, I did; hundreds of thousands of dollars' worth."

"What kind?"

"Coal. The long-haired man was a geologist."

## Peat Fuel.

For some years past considerable attention has been paid to peat fuel in Russia, and the industry appears now to have thoroughly established itself. The Northern Railway locomotives are being adapted for peat burning, and the directors estimate the saving at fully 50 per cent. There are machines made at Moscow for cutting the peat, which turn out 30,000 or 40,000 bricks daily. The only drawback to this machine is the cost, which is about \$3,880 in our money, far too expensive for the peasants to buy. There is great demand for a machine which could be worked by a team of horses. The peat deposits of Russia cover an enormous area, are generally of a remarkable thickness, and the fuel is already sufficiently in use to afford reasonable prospects of a large development of the industry in the immediate future. Of late the Russian Government has manifested great interest in its extension, and sanctioned the use of the peat fuel in the naval establishments.

## Too Big an Undertaking.

From the Manitowish Times.

It is reported that parties are endeavoring to purchase all the cedar in Northern Michigan, and then "corner the product." In this way the cheap paving material and fence posts with which the country is now so well supplied, will be under the control of a syndicate who will reap a golden harvest out of the people. It is thought, however, that the cedar lands of this State would prove a rather heavy load to carry, and the taxes would certainly be levied against them with an unsparring hand. There is about as fine an opportunity to "drop a bundle" in the cedar business as in any we know of.

## Failures in the United Kingdom.

According to Kemp's Mercantile Gazette, the number of failures in England and Wales for the week ending December 5 was 87. The number for the same week last year was 93. Scotland had 26 against 21 the same week last year. The number published in Ireland for the same week was 2 against 1 last year. The total for the United Kingdom being 115 against 115 and 264 for 1884 and 1885 respectively.

## The Coopers Market.

Red oak flour staves and basswood heads are in better demand and prices are firmer. No. 1 heads are stiff at 4½¢ per set, and sales of red oak staves have been made to Eastern parties at an advance over quotations for choice stock.

## The Hardware Market.

Business and collections are both good. Nails are steady at last week's quotations and there are no changes of importance in the market.

We have shipped hog products to foreign markets—principally the English—very largely during the year. Indeed our foreign shipments have been nearly double what they were in 1884. But prices have ruled from 35 to 40 per cent. below those of the latter year. Pork is now as cheap in the English market as it is here, and it must be tantalizing to the people of France and Germany to see this cheap meat almost at their door, and yet be unable to obtain it, owing to their prohibitory tariffs.

Some years ago a hardware dealer sold machine-cut files with a label reading, "These goods are strictly hand-cut." A few years later, when cheap labor was producing hand-cut files at a price which allowed them to compete with those cut by machinery, his labels on hand-cut work read "Warranted to be machine-cut." With the great progress that has been made in machinery and machine-made goods, the prejudice against machinery gradually subsides.

It is estimated that Connecticut will pay more revenue tax on cider brandy this year than upon all the tobacco industries.

## WHOLESALE PRICE CURRENT.

These prices are for cash buyers, who pay promptly and buy in full packages.

AUGERS AND BITS.	
Ives' old style.....	dis 60x10
N. H. Co. Co.....	dis 60x10
Douglases.....	dis 60x10
Pierces.....	dis 60x10
Snells.....	dis 60x10
Cooks.....	dis 60x10
Jennings, genuine.....	dis 25
Jennings, imitation.....	dis 60x10
BALANCES.	
Spring.....	dis 40
BARROWS.	
Railroad.....	\$ 13 00
Garden.....	net 35 00
BELLS.	
Hand.....	dis 60x10
Cow.....	dis 60x10
Call.....	dis 30x15
Door, Sargent.....	dis 6x10
BOLTS.	
Stove.....	dis 40
Carriage new list.....	dis 30x10
Wrought Square.....	dis 60x10
Wrought Barrel Bolts.....	dis 60x10
Cast Barrel Bolts.....	dis 60x10
Cast Square Spring.....	dis 60
Cast Chain.....	dis 60x10
Wrought Barrel, brass knob.....	dis 60x10
Wrought Square.....	dis 60x10
Wrought Sunk Flush.....	dis 60
Wrought Bronze and Plated Knob.....	dis 60x10
Flush.....	dis 60x10
Ives' Door.....	dis 60x10
BRACES.	
Barber.....	dis 40
Backus.....	dis 60x10
Spoford.....	dis 50
Am. Ball.....	dis not
BUCKETS.	
Well, plain.....	\$ 3 50
Well, swivel.....	4 00
BUTTS, CAST.	
Cast Loose Pin, figured.....	dis 70x10
Cast Loose Pin, Berlin bronzed.....	dis 70x10
Cast Loose Pin, genuine bronzed.....	dis 70x10
Wrought Narrow, bright fast Joint.....	dis 60x10
Wrought Loose Pin.....	dis 60x10
Wrought Loose Pin, acorn tip.....	dis 60x5
Wrought Loose Pin, japanned, silver tipped.....	dis 60x5
Wrought Table.....	dis 10x60
Wrought Inside Blind.....	dis 10x60
Wrought Brass.....	dis 70x10
Blind, Clark's.....	dis 80x10
Blind, Parker.....	dis 80x10
Blind, Shepard's.....	dis 70
CAPS.	
Ely's 1-10.....	per m \$ 65
Hick's C. F.....	dis 60
G. D.....	dis 35
Musket.....	dis 60
CATRICHES.	
Rim Fire, U. M. C. Winchester new list.....	dis 50x10
Rim Fire, United States.....	dis 50x10
Central Fire.....	dis 40x10
CHISELS.	
Socket Firmer.....	dis 75x10
Socket Framing.....	dis 75x10
Socket Corner.....	dis 75x10
Socket Square.....	dis 75x10
Butchers' Tanged Firmer.....	dis 40
Bartons' Socket Firmer.....	dis 20
Cold.....	dis not
COMBS.	
Curry, Lawrence's.....	dis 10x10
Hotchkiss.....	dis 27
COCKS.	
Brass, Racking's.....	dis 60
Bibb's.....	dis 60
Beer.....	dis 40x10
Fenn's.....	dis 60
COPPER.	
Planished, 14 oz cut to size.....	\$ 23
14x22, 14x30.....	dis 10
Cold Rolled, 14x30.....	dis 10
Cold Rolled, 14x43.....	dis 18½
DRILLS.	
Morse's Bit Shank.....	dis 40
Torres' Patent Shank.....	dis 40
Morse's Taper Shank.....	dis 40
ELBOWS.	
Com. 4 piece, 6 in.....	dis 85
Corrugated.....	dis 20x10
Adjustable.....	dis 15x10
EXPANSIVE BITS.	
Clar's, small, \$18 00; large, \$26 00.....	dis 25
Ives', 1, \$18 00; 2, \$24 00; 3, \$30 00.....	dis 25
FILES—New List.	
American File Association List.....	dis 60x10
Bishop's.....	dis 60x10
New American.....	dis 60x10
Nicholson's.....	dis 60x10
Heller's.....	dis 30
Heller's Horse.....	dis 30x10
GALVANIZED IRON.	
Nos. 16 to 20, 22 and 24, 25 and 26, 27.....	dis 18
List 12, 14, 16, 18.....	dis 18
Discount, Juniata 50x10, Charcoal 60x10.....	dis 50
GEAVES.	
Stanley Rule and Level Co.'s.....	dis 50
HAMMERS.	
Maydole & Co.'s.....	dis 25
Kip's.....	dis 25
Cook's.....	dis 40x10
Mason's Solid Cast Steel.....	dis 30
Blacksmith's Solid Cast Steel, Hand.....	dis 40x10
HANGERS.	
Barn Door Kicker.....	dis 60x10
Champion, anti-friction.....	dis 60x10
Kidder, wood track.....	dis 40
HINGES.	
Gate, Clark's, 1, 2, 3.....	dis 60
per doz.....	net, 2 50
Screw Hook and Strap, to 12 in. 4x 14.....	dis 34
and longer.....	dis 10½
Screw Hook and Eye.....	dis 10½
Screw Hook and Eye.....	dis 7½
Screw Hook and Eye.....	dis 7½
Screw Hook and Eye.....	dis 7½
Strap and T.....	dis 65
HOLLOW WARE.	
Stamped Tin Ware.....	dis 30
Japanned Tin Ware.....	dis 30
Granite Iron Ware.....	dis 25
HOES.	
Grub 1.....	\$11 00, dis 60
Grub 2.....	11 50, dis 60
Grub 3.....	12 00, dis 60
KNIVES.	
Door, mineral, jap. trimmings.....	\$2 70, 60x10
Door, porcelain, jap. trimmings.....	\$3 50, 60x10
Door, porcelain, plated trimmings.....	list 10 15, dis 60x10
Door, porcelain, jap. trimmings.....	list 11 55, dis 70
Drawer and Shutter.....	dis 70
Picture, H. L. Judd & Co.'s.....	dis 40
Hemacite.....	dis 50
LOCKS—DOOR.	
Russell & Irwin Mfg. Co.'s new list.....	dis 60x10
Mallory, Wheeler & Co.'s.....	dis 60x10
Brantford's.....	dis 60x10
Norwalk's.....	dis 60x10
LEVELS.	
Stanley Rule and Level Co.'s.....	dis 70
MILLS.	
Coffee, Parkers Co.'s.....	dis 40x10
Coffee, P. S. & W. Mfg. Co.'s Malleables.....	dis 60
Coffee, Landers, Ferry & Clark's.....	dis 60
Coffee, Entorp's.....	dis 25
MATTOCKS.	
Adze Eye.....	\$16 00, dis 60
Hunt Eye.....	\$15 00, dis 60
Hunt's.....	\$18 50, dis 20 & 10
NAILS.	
Common, Bar and Fencing.....	\$ 9 keg \$2 50
10d to 60d.....	per keg \$2 50
8d and 9d adv.....	dis 25
6d and 7d adv.....	dis 25
4d and 5d adv.....	dis 25
3d adv.....	dis 25
3d fine advance.....	dis 30
Finch nails, 10d.....	dis 175
Size—inch 3.....	dis 24
Adv. 3 keg.....	\$1 25 1 50 1 75 2 00
STEEL NAILS—Same price as above.	
MOLASSES GATES.	
Stebbin's Pattern.....	dis 70
Stebbin's Genuine.....	dis 70
Enterprise, self-measuring.....	dis 25
MAULS.	
Sperry & Co.'s, Post, handled.....	dis 50
Zinc or tin, Chase's Patent.....	dis 60x10
Zinc, with brass bottom.....	dis 50
Brass or Copper.....	dis 50
Reaper.....	per gross, \$12 net
Olstead's.....	dis 50
PLANES.	
Ohio Tool Co.'s, fancy.....	dis 15
Scotch Bench.....	dis 25
Sandusky Tool Co.'s, fancy.....	dis 15
Bench, first quality.....	dis 20
Stanley Rule and Level Co.'s, wood.....	dis 20x10
PANS.	
Fry, Acme.....	dis 50x10
Common, polished.....	dis 60
Dripping.....	dis 60
RIVETS.	
Iron and Tinned.....	dis 40
Copper Rivets and Burs.....	dis 60

## PATENT PLANISHED IRON.

"B" Wood's patent planished, Nos. 24 to 27 10  
"C" Wood's patent planished, Nos. 25 to 27 9

ROOFING PLATES.	
10, 14x20, choice Charcoal Terne.....	5 50
10, 14x20, choice Charcoal Terne.....	11 00
10, 14x20, choice Charcoal Terne.....	14 00
ROPE.	
Sisal, ½ in. and larger.....	8½
Manilla.....	15
SQUARES.	
Steel and Iron.....	dis 70x10
Ty and Bevels.....	dis 70x10
Mitre.....	dis 20
SHEET IRON.	
Com. Smooth.....	Com. 23 00
Nos. 10 to 14.....	4 20 3 00
Nos. 15 to 17.....	4 20 3 00
Nos. 18 to 21.....	4 20 3 00
Nos. 22 to 24.....	4 20 3 00
Nos. 25 to 27.....	4 40 3 10
No. 27.....	4 60
All sheets No. 18 and lighter, over 30 inches wide not less than 2-10 extra.	
SHEET ZINC.	
In sacks of 600 lbs.....	6 50
In smaller quantities.....	6 50
TINNERS' SOLDIER.	
No. 1, Refined.....	12 00
Market Half-and-half.....	14 50
Strictly Half-and-half.....	16
TIN PLATES.	
Cards for Charcoals, \$4 75.....	
IC, 12x14, Charcoal.....	5 75
IX, 10x14, Charcoal.....	6 25
IX, 12x12, Charcoal.....	6 25
IX, 12x12, Charcoal.....	7 75
IX, 14x20, Charcoal.....	5 75
IX, 14x20, Charcoal.....	8 75
IX, 14x20, Charcoal.....	10 75
IX, 14x20, Charcoal.....	12 75
IX, 14x20, Charcoal.....	14 75
IX, 14x20, Charcoal.....	16 75
IX, 14x20, Charcoal.....	18 75
IX, 14x20, Charcoal.....	20 75
IX, 14x20, Charcoal.....	22 75
IX, 14x20, Charcoal.....	24 75
IX, 14x20, Charcoal.....	26 75
IX, 14x20, Charcoal.....	28 75
IX, 14x20, Charcoal.....	30 75
IX, 14x20, Charcoal.....	32 75
IX, 14x20, Charcoal.....	34 75
IX, 14x20, Charcoal.....	36 75
IX, 14x20, Charcoal.....	38 75
IX, 14x20, Charcoal.....	40 75
IX, 14x20, Charcoal.....	42 75
IX, 14x20, Charcoal.....	44 75
IX, 14x20, Charcoal.....	46 75
IX, 14x20, Charcoal.....	48 75
IX, 14x20, Charcoal.....	50 75
IX, 14x20, Charcoal.....	52 75
IX, 14x20, Charcoal.....	54 75
IX, 14x20, Charcoal.....	56 75



**The Michigan Tradesman.**

**BUSINESS LAW.**

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

**CARRIERS' REGULATIONS—PROHIBITING "DRUMMING."**

A regulation by a railway company prohibiting passengers from "drumming" for custom on its trains is reasonable, according to the decision of the Texas Railway Co. vs. Pearle.

**CORPORATION CHARTERS.**

Under a law requiring that the charter of a corporation should declare "the time when and the manner in which payments on stock subscribed shall be made," the Supreme Court of Louisiana held that a declaration in a charter "that the stock shall be paid in cash at such times and such amounts and with such notices to the subscribers as the managers and directors shall deem best for all parties in interest," was a substantial compliance with the law.

**LIMITATION OF ACTIONS—SUIT AGAINST ATTORNEY.**

The cause of action against an attorney for failing to sue on a claim placed in his hands for collection arises when he violates his contract, which is to proceed within a reasonable time to the collection of the debt. The cause of action rests on the breach of contract, and not on the consequences of that breach, as where the claim is barred by limitation by reason of the failure of the attorney to sue. So held by the Kentucky Superior Court.

**BILL OF EXCHANGE—PREMATURE PROTEST.**

A bill of exchange, dated March 4, payable in London sixty days after sight, drawn in Illinois on a person in Liverpool, and accepted by him, "due May 21," without any date of acceptance, was protested for non-payment on May 21. In a suit against the drawer on the bill it was not shown what was the date of acceptance. The Supreme Court of the United States held that the bill was prematurely protested, it not appearing that days of grace were allowed. The Court, Blatchford, J., said: The principle deducible from all the authorities is, that, as to every bill not payable on demand, the day on which payment is to be made to prevent dishonor is to be determined by adding three days of grace, where the bill itself does not otherwise provide, to the time of payment as fixed by the bill. \* \* \* In the present case, the time named in the acceptance after the word "due" can be regarded only as the time of payment fixed by the bill, to which days of grace are to be added, and not as a date which includes days of grace. This view goes to the foundation of the action, and makes it unnecessary to examine any other question.

**DISCRIMINATIONS IN RAILROAD RATES.**

The general subject of the right of railroads to make discriminations among shippers was discussed in the recent case of Schofield et al. vs. Lake Shore & Michigan Southern Railroad, decided by the Supreme Court of Ohio. The following is a syllabus of the points decided in the case: 1st. A railroad company chartered under the statutes of Ohio is a common carrier of freights intrusted to it for transportation, and is vested by its charter with the right of eminent domain and other franchises of a public nature, and exercises public duties and those of a quasi public office, and is subject to judicial control to prevent an abuse of the privileges and powers so granted. 2d. Whether a common carrier, at common law, in the ordinary case, where no facts exist making a discrimination among shippers, injurious or ruinous to some of them, is only bound to transport freight at a reasonable rate, and not necessarily at a rate equal to all, or not, yet when the lower rate is either intended to give, or has the necessary effect of giving, an exclusive monopoly affecting the business and destroying the trade of other shippers, the latter have the right to require an equal rate for all under like circumstances. 3d. Where such a corporation as a common carrier of freights in consideration of the fact that a shipper furnished a greater quantity of freight than other shippers during a given term agrees to make a rebate on the published tariff on such freight to the prejudice of other shippers of like freights under the same circumstances, such a contract is an unlawful discrimination in favor of the larger shipper, tending to create monopoly, destroy competition, injure, if not destroy, the business of smaller operators, contrary to public policy, and will be declared void at the instance of parties injured thereby. 4th. Such a contract of discrimination cannot be upheld simply because the favored shippers may furnish for shipment during the year a larger freightage in the aggregate than any other shipper, or greater than all others combined; a discrimination resting exclusively on such a basis will not be sustained. 5th. Although a court will ordinarily look to the interest of the common carrier as an element in the case, the validity of such a contract will not be sustained by the courts simply because the business done under it is "largely profitable" to him. 6th. Where it appears that the plaintiff's business is such as to make him a frequent shipper, and a continuous series of shipments is necessary in conducting his business, and to secure a remedy would lean to a multiplicity of actions at law, the courts, in order to save a multiplicity of suits, and to do full

and adequate justice to the injured party, will intervene by injunction to prevent the threatened injury and wrong, and it is not a prerequisite on such a state of facts that plaintiffs first establish their rights by an action at law. 7th. When a railroad company is a corporation consolidated under the statutes of several states, and its road reaches into several states, its illegal acts of injurious discrimination committed or threatened in Ohio to the business of others, either there or along the line of said railroad in Ohio or elsewhere, may be ignored by the courts of that state.

A co-operative organization has been formed in Paterson, N. J., for the establishment of a grocery store to be conducted in the interest of the working people. Former efforts of this kind have proven failures, but the present movement is represented to be in good hands.

Kendall W. Hess, son of Wm. T. Hess, who is pursuing the mechanical and engineering course at the State University at Ann Arbor, has been appointed instructor in the mechanical laboratory. This is considered a high honor, and indicates the possession of unusual ability in the recipient of the same.

**BETHESDA MINERAL WATER.**

H. F. Hastings quotes as follows: Barrel, 42 gallons.....\$5.00 Half barrel, 20 gallons.....\$2.50 Cans, 10 gallons.....\$2.50 Carbonated, cases 50 quarts.....\$7.00 100 pints.....\$8.50 The water will be supplied to the trade by any wholesale drug or grocery house in Grand Rapids.

**COOPERAGE.**

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

STAVES.	
Red oak flour bbl. staves.....	M 6 00@ 7 00
Elm.....	M 5 00@ 5 75
White oak tee staves, s'd and j't.....	M 20 00@ 24 00
White oak pork bbl.....	M 18 50@ 20 00
HEADS.	
Tierce, doweled and circled, set.....	15@ 16
Pork.....	12@ 13
Basswood, kiln dried, set.....	4@ 4 1/2
HOOPS.	
White oak and hickory tee, 8 ft.....	M 12 00@ 14 00
White oak and hickory " 7 1/2 ft.....	M 10 00@ 11 00
Hickory flour bbl.....	M 6 50@ 7 50
Ash, round.....	M 6 25@ 7 00
Ash, flat raked, 6 1/2 ft.....	M 3 50@ 4 00
BARRELS.	
White oak pork barrels, h'd m'd m.....	M 1 10@ 1 30
White oak pork barrels, machine.....	95@ 1 05
White oak lard tierces.....	1 20@ 1 30
Beef and lard half barrels.....	75@ 90
Custom barrels, one head.....	1 00@ 1 25
Flour barrels.....	31@ 35
Produce barrels.....	23@ 25

**Michigan Dairyman's Association.**

Organized at Grand Rapids, February 25, 1885.

President—Milan Wiggins, Bloomingdale. Vice-Presidents—W. H. Howe, Capac; F. C. Stone, Saginaw City; A. P. Foltz, Davison Station; F. A. Rockafellow, Carson City; Warren Haven, Bloomingdale; Chas. E. Belknap, Grand Rapids; L. F. Cox, Portage; John Borst, Vriesland; R. C. Nash, Hilliards; D. M. Adams, Ashland; Jos. Post, Clarksville. Secretary and Treasurer—E. A. Stowe, Grand Rapids. Next Meeting—At Kalamazoo, February 16, 17 and 18. Membership Fee—\$1 per year. Official Organ—THE MICHIGAN TRADESMAN.

**JENNINGS' Perfumes!**

**SPECIAL ODORS.**

Fleur de lis,  
Puritan Bouquet,  
Marie Antoinette,  
White Rose,  
Ylang Ylang,  
Fleur de Orange,  
Jockey Club,  
Heliotrope.

**FULL LINE OF THE**

**Regular Odors!**

PUT UP IN  
1/2, 1, 2 and 4 oz., 1/2 pound and  
pound glass stopped  
bottles.

**JENNINGS & SMITH, Perfumers,**

GRAND RAPIDS, MICH

**BROWN, HALL & CO.,**

20 AND 22 PEARL STREET,  
GRAND RAPIDS, MICH.

**Fur Robes.**

We have the largest and most complete stock of these goods in the state.  
Japanese Goat Robes, Felt Lined...\$ 5 00  
Japanese Gray Goat, Plush Lined...\$ 7 50  
Japanese Extra Fur, Fancy Lined...\$ 8 50  
White Japanese Fur Robes...\$ 5 00  
Dyed Black (imitation of bear) Felt Lined...\$ 9 00  
Dyed Black, Plush Lined, or Black Beaver Cloth Lined...\$12 00  
Extra Large, Extra Fine Fur, Jet Black, Fancy Lined, this is a very fine Robe...\$15 00  
Black Center, White Border, or White Center and Black Border, Fancy Lined...\$15 00

**Horse Blankets.**

Cheap Shaped Blankets, 6oc, 75c, 9oc, \$1, \$1.25, \$1.50, \$1.75, \$2, each.  
Cheap Square, 9oc, \$1, \$1.25, \$1.40, \$1.50, \$1.65, \$1.75, \$2, each.  
Square Wool Blankets, \$2, \$2.50, \$2.75, \$3, \$3.25, \$3.50. Sizes 70x78, 76x80, \$4x90.  
Fine All Wool Blankets, \$3.50, \$3.75, \$4, \$4.50, \$5, \$5.50, \$6, \$7, \$8, \$10 each. Sixes, 76x80, 84x90, 90x95.  
Discount to Dealers. Mail orders will receive prompt attention.

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.

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**F. J. LAMB & CO.,**

WHOLESALE AGENTS FOR THE

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**Diamond Brand Fresh Oysters**

In Cans or Bulk. Write for Quotations.

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Foreign and Domestic Fruits, Southern Vegetables, Etc.

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

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SEND FOR PRICE-LIST TO  
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**WALL PAPER & WINDOW SHADES**

At Manufacturers' Prices.

SAMPLES TO THE TRADE ONLY.

HOUSE & STORE SHADES MADE TO ORDER.

68 MONROE STREET, GRAND RAPIDS.

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**Commission Merchant,**

167 South Water St., CHICAGO.

WE HAVE STANDING ORDERS FOR LARGE AND SMALL LOTS OF APPLES AND POTATOES, AND CAN PLACE SAME AT ALL TIMES TO THE ADVANTAGE OF CONSIGNORS. WE ALSO MAKE A SPECIALTY OF BEANS, DRIED FRUITS AND CRANBERRIES, AND ARE IN A POSITION TO COMMAND THE HIGHEST MARKET PRICE ON SUCH ARTICLES.

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**Cracker Manufacturers,**

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LEDYARD BLOCK,  
**107 Ottawa St.**

Suitings for Manufacturers,  
Suitings for Jobbers,  
Suitings for Retailers,  
Suitings for Traveling Men,  
AND  
Suitings for Clerks,

**Overcoats for Everybody.**

FOREIGN AND DOMESTIC WOOL-ENS AND WORSTEDS, THE BEST MANUFACTURED. FINE AND SERVICEABLE TRIMMINGS.

SUPERIOR WORK AND THE PROPER STYLE FOR THE WEARER.  
ALL AT PRICES THAT WILL INDUCE YOU TO LEAVE YOUR ORDER.

**OYSTERS!**

When in want of a good brand of OYSTERS, don't fail to get the famous PATAPSCO, which is guaranteed both as to quality and price. Sold only by W. F. GIBSON & CO., Grand Rapids, Mich., GENERAL COMMISSION MERCHANTS, and dealers in all kinds of PRODUCE, JELLY, MINCE MEAT and PAPER OYSTER PAILS.

Jelly, Mince Meat Etc.

**FOX, MUSSELMAN & LOVERIDGE,**

**Wholesale Grocers,**

**KNIGHT OF LABOR PLUG,**

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

**OYSTERS.**

**Canned in Baltimore.**

Our Prices To-Day. Subject to Change without Notice:

E. & C. Selects	-	-	-	.28
E. & C. Standards	-	-	-	.18
No. 2 Standards	-	-	-	.16
Standard Bults	-	-	-	1.00

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GRAND RAPIDS, - MICH.

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A LINE OF  
**WHITE CEDAR TUBS AND PAILS,**  
THE BEST GOODS IN THE MARKET.

**THE ELKHART PAPER PAIL,**

THE BEST PAPER PAIL MADE.

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1, 2 AND 3 BARRELS.  
DIAMOND and KING Oil Cans. "GOOD-ENOUGH OIL Cans, all Sizes.

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**CHOICE BUTTER A SPECIALTY!**  
CALIFORNIA AND OTHER FOREIGN AND DOMESTIC FRUITS AND VEGETABLES. Careful Attention Paid to Filling Orders.  
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**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.  
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SPECIAL ATTENTION GIVEN TO FILLING ORDERS.