VOL. 1.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, APRIL 9, 1884.

NO. 29.

YOU CAN BUY

Withers Dade & Co's

WHISKEY

-ONLY OF-

& CO.

The finest brand of goods in the market,

Druggists' Favorite Rye

Also has a very large sale and gives universal satisfaction. Send for Sample and Pri-

Manufacturers of

Fine Perfumes. Colognes, Hair Oils, Flavoring Extracts,

> Baking Powders, Bluings, Etc., Etc.

ALSO PROPRIETORS OF

KEMINK'S

"Red Bark Bitters"

The Oriole Manufacturing Co.

42 West Bridge Street,

GRAND RAPIDS,



Sporting Goods

OUT DOOR GAMES,

Base Ball Goods, Marbles, Tops, Fishing Tackle, Croquet, Lawn Tennis, Indian Clubs, Dumb Bells, Boxing Gloves.

We wish the Trade to notice the fact that

Headquarters on these Goods

And are not to be undersold by any house in the United States.

BEST AND CHEAPEST

In the Market. Send for our New Price List for 1884.

Order a Sample Lot Before Placing a Large Order.

GRAND RAPIDS.

BOCUS BUTTER.

General Superiority of the Article Over the Genuine Product.

during the past year was far from being the best of butter. genuine article. It will not surprise them to know that fully nine-tenths of the prcduct sold to Grand Rapids consumers this winter as butter has been butterine or oleo-

Investigation shows that the substitute for the genuine article will average far better in appearance, cleanliness, purity and taste than the original. The fact that the prejudice which originally prevailed against butterine and oleomargarine has almost entirely disappeared, both with the retailers and consumers, and that it is now mainly confined to final purchasers, testifies to the good character of these substitutes. One year ago the retail grocers were very loathe to purchase the manufactured article; today the majority of them prefer it rather than the so-called choice butter that is to be found in small quantities in the commission houses. The substitutes run even in color, taste and appearance, and are accepted by their customers as "choice;" whereas pure butter possessing equal qualities commands fancy prices and is seldom to be had. Wholesalers now make no attempt to disguise the nature of the goods they are handling. The retailer, however, still has the prejudices of his customers to overcome, and when asked "have you some choice butter?" evades the point by replying, "there is what I have; you can inspect it for yourself," resulting 99 times out of a 100 in the customer pronouncing it "excellent," and departing in the proud belief that for once a really choice article has been secured.

With a view to ascertaining the amount of butter substitutes sold in this city a reporter of THE TRADESMAN recently made the rounds of the commission and produce dealers, and recorded the various estimat made. One dealer stated that during last summer 90 per cent. of his sales was butter, but since fall not more than 10 per cent. has been the genuine article. "When I first began getting butterine," said the dealer, "half the grocers would walk out of the store on the mere mention of the name-now they demand it. Grand Rapids has been slower than other cities to adopt the manufactured product, and even now there is less sold here in proportion to the genuine article than elsewhere, but the demand is rapidly increasing."

Another dealer stated that there were several reasons wny he preferred to handle butterine, the most important of which was his half supply the demand. Butterine is inis by no means a small consideration. quently, and always finds in excellent condition, so far as cleanliness and scrupulous neatness is concerned. This feature, added to the attractive and convenient way in which it is put up for the trade, commends it to him as far more satisfactory and profitable to handle than the genuine article.

Another dealer said: "Butterine is preferable to the average quality butter, and is absolutely pure and wholesome. It is for the business interests of the manufacturers to observe the utmost cleanliness, and as the preparation requires the purest ingredients, it is safe to say that in one, if not both respects, oleomargarine and butterine is superior to any but the very choicest of butter. The best butterine is made from cream and butterine oil, obtained from the best of lard, taken while yet warm and rendered at a very low temperature. Formerly, considerable poor butter was used, but there has been a great improvement in the manufacture, and only the above ingredients are used. Oleomargarine differs only in that oleomargarine oil, obtained from the best of labeled, or sold. tallow is used. The coloring used is in both cases a vegetable compound, entirely harmless and far preferable to the compound frequently used for like purposes in the preparation of butter. If it were not for the substitutes butter would now be 40 and 50

cents per pound." Another dealer stated that the use of butterine had been a great blessing to the poor during the past season. Meat has been high, and ordinarily butter would have sold who shall cause or procure to be sold, offer-making of oleomargarine. up to 40 or 45 cents. As it is, the retail ed or exposed for sale, any article or subprice of choice butter has been held down to 30 cents, while the best butterine has only commanded 25 cents. In his opinion, the stamped, branded, or marked, and labeled as prejudice against the imitation is gradually dying out.

He contended that butterine was cleaner than butter could possibly be except where ten nor more than one hundred dollars, and the utmost pains were taken to preserve the latter's purity.

One dealer said he had discontinued prac ticing deception in the matter of butter imitations, and now billed and quoted butterine

A number of other dealers who were in-

Probably most of the readers of THE ce now existing with consumers would rap- act. TRADESMAN are aware that fully one-half idly die out, and that the sale of substitutes of the useful commodity called butter that would increase until farmers would be unhas been sold to the trade by city jobbers able to find a market except for the very

A Warning to the Manufacturer. The several selections from Western papers, reprinted in this connection, serve to to destroy it. Legislators are continually at show the re-action that has taken place East their wits' ends to provide proper safeover the manufacture and sale of a low grade of butter imitation. So long as West- to enact suitable laws, the executive authorern Manufacturers hold their product up to ities still fail to enforce them. Thus the the present high standard, they will meet lardine factory develops improved methods with few if any complaints. But if they at- even more rapidly than the creamery, and tempt to foist on the market a product nearer resembling axle grease than butter they its product in defiance of law. In New will create an agitation against the business that will induce the enactment of laws prejudicial to their interests. Let the recent action of the New York Legislature be a warning to both manufacturers and dealers in this respect.

The Law on the Subject.

Big Rapids, April 6, 1884. EDITOR TRADESMAN:-Is there a State law prohibiting the purchase and sale of oleomargarine or butterine? I am assured by the dealer in your city from whom I purchase butterine that there is no statute ering the case, but wish to be sure that I am not laying myself liable.

SUBSCRIBER.

There is no statute prohibiting the purchase or sale of butter imitations, but there is a statute which provides that they must be sold for what they are—not for pure butter. The law requires that the packages in which they are kept for sale shall be mark ed or labeled with the name of the article, and the name of the manufacturer, in plain black letters, and that the seller shall de- first question a physician asks when called liver to the purchaser a printed label bearing the word "Butterine" or "Oleomargar- ter?" It is now being urged that "museums ine," as the case may be. Disregard of of hygiene" should be formed in cities with these provisions constitutes a misdemeanor, punishable by fine or imprisonment, or both, for every offence.

In order that the readers of The Trades-MAN may be correctly informed in this same connection all sorts of insanitary mamatter, we present below a complete reproduction of the law bearing on this subject. Section 2,245 of the Compiled Laws of effects that can be devised to aid health 1882 provides for the stamping of bogus butter, as follows:

Every person who shall manufacture for by the tub, firkin, box or package, or any greater quantity, any article or substance in semblance of butter not the legitimate product of the dairy, and not made exclusively fat of animals not produced from milk enters as a component part, or into which melted butter, or any oil thereof has been inability to get enough genuine butter to distinctly and durably stamp, brand, or introduced to take the place of cream, shall mark upon the top and also upon the side variably uniform in form and flavor, which of every such tub, firkin, box, or package of such article or substance, the word "Oleo-margarine," if such article or substance is Again, he has no difficulty in getting enough to supply his trade. He handles the product of a Chicago factory, which he visits frescribed from the composed in part of such article of substance is composed in part of such article of substance is composed in part of such article of substance is composed in part of lard, where it stance is composed in part of lard, where it stance is composed in part of lard, where it stance is composed in part of lard, where it stance is composed in part of lard, where it stance is composed in part of such article of substance is composed in part of such article of substance is composed in part of such article of substance is composed in part of such article of substance is composed in part of such article of substance is composed in part of such article of substance is composed in part of lard, where it stance is composed in part can be plainly seen, in Roman letters which shall be burned on, or printed thereon with permanent black paint, in a straight line, and each letter shall be not less than one inch in length; and in case of retail sales such articles or substance, in parcels, the seller shall in all cases sell, or offer, or expose the same for sale from a tub, firkin, box, or package stamped, branded, or marked, as herein stated, and shall also deliver therewith to the purchaser a printed label bearing the plainly printed word "Oleomargarine," or "Butterine," as the same may be, with the name of the manufacturer in Roman letters not less than one-half inch in length which shall be printed in a straight line; and every sale of such article or substance by tub, firkin, box or package, or in any greater quantity not so stamped, branded, or marked as "Oleomargarine" or "Butterine," as the same may be, and every sale of such article or substance at retail in parcels that shall not be sold from a tub, firkin, box, or package, so stamped, branded or marked, or without delivery therewith as above stated, is declared to be unlawful and void, and no action upon any contract shall be maintained in any of the courts of this state to recover upon any contract for the sale of any such article or substance not so stamped, branded, marked

> Section 2,246 provides for the penalty for selling without stamping as follows:

Every person who shall sell, or offer, o expose for sale, or who shall cause or procure to be sold, offered, or exposed for sale, by the tub, firkin, box, or package, or in any greater quantity, any article or substance re quired by the first section of this act to be stamped, branded, or marked, that shall not creamery butter-makers of to-day are familbe so stamped, branded, or marked, or in case of retail sales in parcels, every person who shall sell, or offer or expose for sale, or stance required by the first section of this act to be sold, offered or exposed for such sale from a tub, firkin, box, or package, therein stated, contrary to the provisions of said section, shall be deemed misdemeanor; and upon conviction thereof, shall be punished by a fine of not less than the costs of prosecution, or by imprisonment in the county jail for not less than five nor more than thirty days, or by both such fine and imprisonment for each and every of-

With the idea of emphasing the above prothe same ground as the above, the only dif- cently obtained a patent on the use of the a local retail dealer for 22 cents a

those above given, and all were free to ad- ference being that the penalty for violation yolk of eggs and milk in butter manufac- were submitted to a jury of nineteen farmmit that they frequently used it at home, is fixed at \$50 fine or imprisonment not to ture, but it is difficult to see how they can ers, who tasted and examined both samples. NUMEROUS OPINIONS PRO AND CON. preferring it to the class of butter the mar-exceed three months. It is made the be profitably used. ket generally afforded. They were also duty of prosecuting attorneys to attend to All these substances named are in well-terine to be the butter. The makers of unanimous in the opinion that the prejudi- the prosecution of all complaints under this known use. A good many others have been butterine in Ireland use all the way from

Sanitary View of the Matter. Modern improvements extend in every di-

rection. For instance, in sanitary matters

there are not only thousands of new appliances designed to preserve health, but also an equal or greater number well calculated guards, and when they have done their best placed in a day. throws upon the market immense stocks of York state the Legislature has appointed a ter sold by as many respectable grocers, special committee to investigate the subject analysis showed that only ten were composof food adulteration with a view to amending the present laws so as to provide for a composed of lard. The price charged for special annual appropriation to defray the cost of securing evidence and special counsel to prosecute all who violate the laws governing such matters. The long and could not distinguish the spurious butter from short of it is that the adulterations of dairy the genuine so as to swear to it, by its outproducts are so skilfully carried on and the interests engaged in them so powerful that accuracy of his chemical analysis. He said it requires no little zeal and cleverness to that in the manufacture of butterine and secure convictions. The services of a chemist, a shrewd sanitary inspector and an at- place, but simply a mechanical mixture, and torney are apparently necessary, and, fur- that all the substances used in the mixture thermore, the work requires to be followed have the same properties after the mixture up with system and persistence to make it as before, so that the lard, fat, and oils used thoroughly effective. Still it seems as though, with the existing legal machinery, the business might be made less comfortable and profitable to the bogus butter men if the health authorities were inclined to make the most of their opportunities. About the to see a patient is: "Do you eat much buta view to exhibiting as extensively as possible all appliances and apparatus designed for the protection of health. If this is done it_would certaily be in order to exhibit in the terial, with full explanations and warnings accessible to all visitors. Any spectacular boards in popularizing their work should not be neglected, neither should it be forgotten that sanitary reform will involve work sale, or who shall offer or expose for sale, and cannot be accomplished by exhibitions no mistake should be rigidly enforced. Of less a good advertisement is read with as alone. Massachusetts seems to be the only course such laws do not prevent people at

How Adulterated Butter is Made. From the Boston Commercial Bulletin.

of milk and drugs.

state in which the authorities are really dis-

The market continues full of adulterated cow butter was smaller than it is to-day. they be put up for sale as butter. not continue long. The simple fact now is the rage. It is the natural outgrowth of the oleomargarine manufacture.

Just now there is a rush to see who can "stretch" or adulterate good butter to the greatest extent and still make it a commercial success. Our readers doubtless remem ber that about two years ago there was a parallel case in the manufacture of sugar. Following the introduction of glucose came a rage for making sugar adulterants. For a while a great variety of articles was used in the manufacture of artificial sugar, prominent among them being old rags. But the rag season in sugar-making has gone by, leaving corn-made glucose as a standard and legitimate article. In the same way we look to see the manufacture of adulterated butter settle down to a legitimate basis.

It is interesting at this stage, however, to note some of the articles of known use in the manufacture of butter. The use of neutral lard, which has already been mentioned in these columns, is probably the largest of all adulterants. It is tasteless, is easily colored and gives a good body to the butter, and is inexpensive compared with cream. Cotton seed oil is also very largely used. It has natural advantages of flavor and color and gives the butter a good grain. Oleo oil is a third substance, with which pure (?) iar. It is the oil obtained from tallow and is the same substance which is used in the

Not long ago it dawned upon the butterine men that there was less weight of water in their product than in real butter. This which could not be profitably indulged in. So the use of calcic chloride was resorted to

out the cow and churn. There is no doubt butterine. These are thoroughly mixed, that adulterated butter has come to stay on salted and colored a golden yellow, and the the sole ground of its comparatively low tubs are branded with fancy names as from price. The sooner the butter makers work country creameries. out of the present experimental stage and settle down on some regular lines the better it will be for both the butter and the consumer. The cow, however, cannot be dis-

No Chemical Transformation. During the progress of the recent investi- very much nicer word than axle grease. gation by a committee of the New York Senate, Dr. Love, the distinguished chemist, testified that out of thirty specimens of buted of real butter; all the rest were chiefly the soap fat butter was about twenty-five cents per pound—the real butter selling for about ten cents higher. He stated that he turns just before I came to the city, and ward appearance, but he had no doubt of the oleomargarine no chemical change takes in false butter are no more injurious to the health in the bogus butter than out of it. He had found no traces of nitric acid in his analysis, and would have noticed it if it had been present. He was of the opinion that impure substances could be deodorized, so that they could not be distinguished. Even dead animals could be so deodorized, but if diseased germs were not destroyed they would prove deleterious to health. He knew nothing in the process of the manufacture of bogus butter that would be likely to kill diseased germs. He could not say that he knew of an authentic case of injury to health by eating of bogus butter.

Should be Sold for What They Are.

From the Philadelphia Progress. Whatever may be said for or against oleomargarine or butterine the law that they be sold strictly for what they are and be so stamped for what they are that there may be posed to annoy people who violate the law ter when it is one of the imitations which is read certain advertisements before any other of milk or cream, but into which the oil or regarding adulterations, and even there the tickling their palates, but neither can one news, simply because they are written in a work has been mainly directed to the field always tell whether he is supplied at table are buying in the markets and elsewhere where such articles are sold. Oleomargarine and butterine doubtless are, when honbutter. There never has been a time in the estly made, good of their kind, but they are for cooking. A price list is one of those history of trade when the proportion of pure not butter, and it should not be allowed that advertisements that appeal to nearly all

> But the vile compounds of filthy stuff which are not only not butter, nor honest that the adulteration of butter has become imitations, what is to be done about them and those who manufacture and those who knowingly oell them?

> > Lard and Nitrie Acid.

From the New York Times The enormous growth of the trade in sham butter, notwithstanding the enactment of laws for the protection of consumers who would not knowingly buy or use a pound of the stuff, proves once more that we are patient people. The manufacturers have known from the first that they could thrive only by means of deception, and the retail dealers have kept the oleomargarine and butterine factories in operation by persist ently ignoring the plainest principles of what is called commercial morality. Boarding-house keepers, proprietors of restaurants, and landlords of hotels have joined hands with manufacturers and dealers in the contemptible work of deceiving and cheating the consumer. In this way 40,000,000 pounds of hog fat, cotton-seed oil, and other kinds of grease, preserved from decomposition and deprived of nauseating odors by means of nitric acid and other chemical agents, and containing only a trace of real butter, have been annually sold in the State

Butterine Abroad.

Europe as well as America is a trifle uneasy about the butterine question. A Lon- that he required no other fuel than the shells don grocer writes to his trade journal that to keep the fire going. I can't swear that he cannot educate his customers to call he did not use any other fuel but the nut-"butterine" by any other name than "butter." He has tried hard to keep up a separate style and title for "butterine," but was, of course, a kind of self-cheating his efforts were spent in vain. The British housewife persists in calling for "butter," while she points to "butterine," and the as it has the great merit, in this case, of be- honest grocer, evidently by the tone of his ing able to take up ten per cent of water letter, looks upon his communication to the flour is also used for the same purpose. The surrenders. An Irish agricultural paper latest substance employed by the butterine also enters the lists with an article showing firmly, and then give it a sharp blow with has been enacted, covering very nearly flavor to the compound. A woman has re- pound, and a sample of butterine, bought of hard wood to stone, and some use a flat

Ten out of these nineteen declared the buttried and rejected, and chemists are still at 60 to 85 parts of neutral lard to 40 and 45 work on the problem of making butter with- parts of butter, respectively, in making

A Final Blast.

The imitation butter makers say they do not like to stamp the name "oleomargarine" on their product because it is not a nice name and drives customers away. We do not agree with them. Oleomargarine is a

The Advantages Dealers Derive from Advertising.

A shrewd, smart young grocer from the northern part of the State, remarks an exchange, was asked the other day the oft repeated question, "How is business with you?" "Oh, we have nothing to complain of," was the reply; "we keep increasing our find that, so far we are about 18 per cent ahead of last year." When spoken to on the question of the general complaint among trade, he replied: "You see we do not stand still; we use every effort to bring ourselves before the public in the way of advertisements in the local paper and other means. We find advertising pays."

This is the testimony of one of the brightest grocers of his city, to the value of advertising. Indeed, we do not think that any of our friends will dispute that advertising pays, the question being how to do it to make the most satisfactory returns. The methods to be adopted depend largely upon the class of trade to be done, and the people whose patronage you are endeavoring to gain. If you are catering for a cash trade among a strictly working population it is self evident that the means you employ would suit to gain patronage in the neighborhood where you were endeavoring to obtain a high class family trade.

Judicious employment of the newspaper by the cash trader is beyond question one of the best means of appealing to the working public. Care, however, should be taken that the advertisement should be well and attractively written, and that it is changed every issue. It is a well known fact that among the buyers of dry goods and grocermuch interest almost as a scandal. We some places supposing they are eating but- know from experience that some people chatty and attractive manner. Such adverwith the best quality of meat. All that can tisements will always pay well, providing be done is to have us get what we think we that they are placed in a good circulating medium

> Another practical mode of advertising is to issue a price list with some good receipts classes of buyers.

The merchant who utilizes his window by making it a standing advertisement, can always rely upon it as a good and sure medium to appeal to the buyer. In short, the grocer who intends to succeed in these times of keen competition, must use every endeavor to keep his goods before the public in every form that is calculated to attract at-

The Art of Cracking Hickory Nuts. From the Cincinnati News-Journal

"I understand that there is quite a science in cracking nuts?"

"There certainly is, and there is some difference of opinion as to the best method of doing it. I got my experience in this business when I was a boy in Westchester Co., N. Y. I guess that there are more crack hickory nut crackers in that section than anywhere else. Thirty or forty years ago the folks had nut-cracking matches up here. While sitting around a big fire in a farmhouse kitchen they cracked the nuts, eating the meats with apples and cider. The shells burn very briskly, and when they are charred glow like rubies. Lots of queer stories are told about the old hickory nut time. When I was a boy my mother, who was born in Westchester county, told me about au old man who lived in a little house in the woods, and who during the whole winter sat by the fire and cracked and ate nuts. He cracked so many nuts, they say, shells, but there is no doubt about his having existed, for my mother often saw his

"What do you think the best way?"

"The one that was always the easiest for me was to take a hammer and a nice round cobble stene. These secured, you take hold of the nut between the thumb and forefinger without in the least showing it. Starch or press as the last wave of his flag before he of the left hand and rest the side of the nut on the surface of the stone. Hold the nut makers to add weight by absorbing water the difficulty which Hibernian farmers ex- the hammer. If you hold the nut right and is gelatine, which is said to work nicely. perience in detecting "butterine." Some strike it right the kernel will come out in visions, perhaps, another Section, No. 9,327, Glycerine is being considerably used to add fine Normandy butter, costing 48 cents a two pieces. Some persons prefer a block of

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, APRIL 9, 1884.

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

Allegan is now appropriately designated by the term "Phœnixville."

The Chicago Times puts it tersely, and none to plainly when it says: "By odds the most profitable dairy cow nowadays is a dead hog."

Arrangements have been made for a complete list of hardware quotations, including all the staples subject to fluctuation. The ter, and all market changes will be carefully

F. B. De Berard, editor and publisher of the Chicago Furniture Gazette, the leading journal of the kind in this country, and who has watched the career of THE TRADESMAN with fraternal interest, writes:

I am glad to see your "TRADESMAN" prospering so well, and must compliment you on its good management.

The Philadelphia Grocer thus strikes the key-note to the objection to butter imitations:

The great folly of the oleomargarine trade has been its attempter secrecy. If the article had been sold on its merits from the first there would have been nothing doubtful about it. No man who puts gravy on his bread has a right to throw a stone at oleomargarine, which is beef fat handled in the most scientific manner.

In reproducing our article on the Kalkaska railway project from last week's paper, the Northwestern Lumberman, of Chicago, pays us the following compliment:

THE MICHIGAN TRADESMAN, of Grand Rapids, which has shown much enterprise in looking up industrial data in Northern Michigan, has captured some important facts that have lately developed concerning a proposed branch of the Grand Rapids & Indiana railroad, from Kalkaska eastward into the regions of almost virgin pine in the northeastern part of Kalkaska county.

The lumber quotations, promised several weeks ago, appear for the first time with this issue. They are furnished by the Newaygo Company, one of the largest and most reliable lumber corporations in the city, and can be depended upon as being the current quotations at this market. Scalpersand commission dealers may occasionally quote a little lower prices, but no reliance can be placed on them, as they are based solely upon the condition of the quoters' finances, and do not accurately denote the fluctuations of the market.

We commend to the consideration of all dealers the following pertinent suggestions from the pen of Horace McNitt, general dealer at Haring:

cost of merchandise, that it would remedy many of the evils of which we now complain. Different dealers with the consumer on the rectors, and will probably be acted upon as soon as Major A. B. Watson, President of tariff profits. If the consumers knew at once what was just and what unjust, their patronage would be more sensifly bestowed. Any person of ordinary ability, if he knew the cost to his merchant of the articles he consumes, would be able to judge accurately of the fair dealing of the retailer. Every re- Manufacturing Co., the Clay & Locke Manutailer knows that it is easier to deal with a sensible, well-informed man than with an ignorant one, and I have no doubt that a sensible, well-informed public would measurably prevent our oft recurring bankruptcies. Industry, economy, integrity and keen mental perception are sure to succeed in trade, if found combined in one person.

We give this week rather more space than customary-though not more than the subject warrants-to a discussion of the merits | Graves has charge of this branch of the busiand demerits of butter imitations. That ness. there are are strong points in favor of butterine and oleomargarine, no one will deny, but the fact that both articles are at present masquerading in false attire before the public is severely reprehensible. So long as glucose was sold for cane syrup, there was a universal outcry against its use; but now that it is sold as glucose, it has a recognized place among the commercial commodities of the country. In like manner, butterine and kindred compounds will be regarded with distrust and disfavor so long as they arc sold as butter; but when they are handled honestly, sold for what they are-as the law directs and right dictates-they will take rank aslegitimate products, and hold a place from which they can never be surplant

An Enterprising House.

Messrs Nelson Bros. & Co. have made their house an exclusive Wall Paper and Window Shade House, being the only one of the kind in the State. They carry one of the largest and most complete lines of these goods west of New York.

Messrs E. P. Andrew and N. S. McConnell are now on the road for Messrs Nelson Bros. & Co., taking spring orders for Wall Paper and Window Shades. It speaks well for Grand Rapids, and we have no doubt but the trade fully ap- the leading grocerymen of Charlotte, has sold preciate it.

AMONG THE TRADE.

IN THE CITY.

T. S. Hart succeeds Wm. Dunn in the grocery business at 264 South Division

Wagner & Clark have engaged in the grocery business on the corner of East Bridge and Lafayette streets. Shields, Bulkley & Lemon furnished the stock.

Kempenga & Lulofs, who have just engaged in general trade at Muskegon, were in the city last week, and purchased their grocery stock of Fox, Musselman & Loveridge.

Detroit dealers are asking \$1.50 for the White Star potato at wholesale. Grand Rapids dealers sell the same for \$1. It is unnecessary to state who getting the or-

Grand Rapids can be credited with another traveler. Leonard Crissman announces that he has "engaged to travel on the Cincinnati River for an Eastern bluing

G. H. Nelson, western traveling representative for D. H. McAlpine & Co., New York, list will appear next week, or the week af- spent Sabbath at this market. He stated that his house had a new brand of plug in lows: Liabilities, \$18,162.11; assets, appreparation which will be styled "Chocolate praised value of stock by assignee, \$14,-Cream."

> C. S. Rosenblatt, representing S. Bearlein & Co., lace curtains, New York, and Mr. Beck, of J. C. Beck & Sons, rag carpets, Goshen, Ind., visited the carpet trade last week for the purpose of taking duplicate orders for spring goods.

Prof. H. S. Hampson, traveling representative of Hazeltine, Perkins & Co. in the brush and sundry department, left Monday for a fortnight's trip through the Lake Superior country.

John Ellicott, of the firm of Robbins & Ellicott, eigar manufacturers at Buffalo, N. Y., has been spending ten days among the Michigan trade introducing their new brand, "Jerome Eddy."

"If I may be allowed to venture a prediction concerning M. J. and I. M. Clark's pine land inqestments in Minnesota," said a prominent operator in the same line, "I will say that the brothers will realize an even million over the cost price of the land."

Frank DeLaney, at one time with W. T. Allen, of Chicago, for four years receiving clerk for Cody, Olney & Co., and for the past two years and a half shipping clerk for Fox, Musselman & Loveridge, will hereafter attend to the city trade for I. E. Messmore.

Mr. W. E. Cooper, an old-time traveler, for the past three years in the collection business in this city, has accepted the position of traveling salesman for C. G. McCullock & Co. He will attend to the city trade and cover the contiguous towns by drives. He is making his initial visit to-day.

THE TRADESMAN has had an order for a telephone in several weeks, and after numerous promises and delays, is finally assured that connection will be made with the exchange during the latter part of the present week. This will be a convenience to our city patrons, and may occasionally come in play to our out-of-town friends.

THE TRADESMAN is able to announce authoratively, that the resignation of I. M. Weston, Cashier of the Fourth National It seems to me, Mr. Editor, that if we took Bank, is in the hands of the Board of Di-Different dealers without reference the Bank, returns from the West. Mr. Westo the principles of justice, establish their ton is forced to take this step on account of the growing demands of his other business interests.

The four corporations in which D. P. Clay

From the Detroit Commercial Advertiser and

Home Journal, March 28. has a controlling interest, the Grand Rapids facturing Co., the Newaygo Furniture Co., and the Newaygo Co., have pooled their issues, so far as the expense of selling is concerned, and will hereafter employ salesmen jointly, to represent the four lines of goods. This will enable the companies to give their customers the benefit of the reduced expenses, and give them every advantage in the way of carload freight rates. John B.

The assignees of the Wetzell Bros. are endeavoring to secure a compromise with the latters' creditors on the basis of 20 per cent., be accepted all around. So far parties for journal. holding \$65,000 worth of the indebtednessincluding the City National and Grand Rapids National Banks—have agreed to the From the Elmira Gazette. compromise, and most of the other creditors are favorable to the project. The money will be furnished by Messrs Clark Rapids in the interest of the commercial and Austin, the assignees, who will take the fraternity. It should be in the hands of Minnesota lands at their appraised value, every business man in the state. \$20,000, and endeavor to realize 'something near their worth. Otherwise, a forced sale might sacrifice them.

AROUND THE STATE.

Bloomstrom & Peterson, Lisbon, have dissolved.

R. B. Deuel has begun making brooms at Petoskey. Savage Bros. have engaged in the tobacco business at Mancelona.

Jas. F. Frantz has engaged in the livery business at Bellaire. Loveday & Barber have opened a new

hardware store at East Jordan. The Herald emphasizes the fact that Mancelona wants a bank and a grist-mill.

S. C. Krebs, for a number of years one of

Luke Strickland and Henry C. Gloster have engaged in the meat business at Sara-

Henry Strope has engaged in general trade at Morley, and will do all his buying at this market.

Cedar Springs Clipper: Mr. B. V. Hartupee has sole the remainder of his furniture and undertaking goods to C. S. Kidder, and will soon remove to Dakota.

Ed. Carolan, assignee for F. E. Rogers, at Chippewa Lake, is steadily disposing of the stock. He would prefer closing out the balance to some reliable party, and will give a bargain.

Geo. E. Allen, the Holton bankrupt, was Detroit. Bail in the sum of \$1,500 was furnished

Charlevoix Journal: Amos Fox has sold store to J. L. Hurd, of Detroit, who will take possession as soon as he can arrange matters at home.

The condition of the affairs of E. H. Stone, the dry goods dealer at Portland, who recently made an assignment to G. W. 243.39. The stock invoiced at \$18,821.83. The proprietor's appraisal was \$16,585.

STRAY FACTS.

St. Johns' cheese factory will be ready about May 1.

The bushel basket manufactory at Gay lord turns out 75 dozen a week.

Ventor & Van Auken, of Charlotte, have engaged in the manufacture of rustic chairs. The Den Bleyker Furniture Co., of Kalamazoo, is already shipping a car load per

Muskegon can have a canning factory if farmers will agree to plant 200 acres of strawberry plants and sell the fruit at five cents per quart.

The slate bed discovered near L'Anse, on the line of the Marquette, Houghton & Ontonagon Railway, Michigan, is of great extent and practically inexhaustible. It is believed that its exploitation will become one of the leading industries of the Upper Peninsula.

Agricultural implement dealers, everywhere throughout Western Michigan are erecting new buildings and making other noticeable improvements preparatory to a lively machine trade, which shows their confidence in the success of the wheat and other crops this season.

The St. Joseph canning factory put up last year 14,000 cases of tomatoes, 9,000 of corn, 2,000 of string beans, 500 of pumpkins, 24,000 gallons of apples, 16,000 one-half gallons of apples and five tons of jelly. They paid out for labor \$300 to \$500 per week, and some \$60,000 for produce.

Good Words Unsolicited. H. K. Bush, Hesperia: "It is a good pa-

Funk & Beebe, Kalkaska: "We find it a very profitable paper to have in business." E. S. Hipkins, druggist, Blanchard: "I like the paper very well, and can't well do

without it." Burrell Tripp, drugs and groceries, Bangor: "It's well worth the money to keep

posted on prices. David Cornwell, general merchandise Monterey: "Like The Tradesman first rate and admire your vigorous style of insisting upon your pay in advance. Please send me the paper until I assign, burn or

A Business Education.

It is a fact, beyond dispute, that a thorough education is the "keystone to success," and one of the best colleges where such an Rapids Business College. Mr. C. G. Swensberg, the proprietor, is a gentleman of actual business experience, being connected with some of the largest business concerns of Grand Rapids. This college has just any Timothy, Hungarian, Red Bar Iron, of Grand Rapids. This college has just enthe same general plans and aims that have given it a fair name and honored position among the institutions of learning. Teachers of experience and ability are employed, and everything is done to accomplish the one great object of the proprietor, viz.: to and have reason to think that the offer will give students a thorough education. Write

Should Be in the Hands of Every Business Man.

We are in receipt of THE TRADESMAN, a live, eight page paper published at Grand

More Useful Than Ever.

From the Cedar Springs Clipper. THE MICHIGAN TRADESMAN, published at Grand Rapids by E. A. Stowe, has been enlarged to eight pages and is more useful than ever to business men.

The society founded in Germany scarcely three years ago to collect the ends of cigars and to sell them for philanthropical purposes has now 500,000 members. Last year its revenue amounted to 130,000 francs. Try Boralumine. Any one can use it.

Jas. Fox says that the latest craze at Fremont is that "Everything goes when the bell

Kansas City packed 55,000 more hogs than Cincinnati during the winter. Boralumine is leading this year.

MANUFACTURE OF BUTTERINE.

MANUFACTURE OF BUTTERINE.

Its Influence on the Dairy Business of the Country.

From the Chicago Times. From the Chicago Times.

Few imagine the vast proportions to which the manufacture of butterine or bogus butter has grown in this city. A witness, while testifying before a committee of the New York senate in reference to butter adulteration in that state, incidentally stated that some thirty or forty manufactories in Chicago were engaged in producing bogus butter, and his statement is perhaps not far astray. The state of New York bought and used last year 40,000,000 pounds of butterine, and the cities of New York and Brookrecently arrested on a capias for damages at lyn are credited with producing but 3,000. the instance of Allen Sheldon & Co., of 000 pounds of that amount. Chicago may safely father the bulk of the remainder, as well as the chief supply to other sections of the country. The reason so much is prohis stock of merchandise and rented his duced here is because the supply of raw material is so abundant. Chicago can find at her great pork packing establishments and abattoirs a superabundance of material for butterine-cow and hog fat, principally the latter, for by odds the most profitable dairy cow nowadays is a dead hog. The business Porter, has been made known, and is as folgrown to such vast proportions that it seems likely to wreck the dairy interest of the whole country, but particularly of the west. The second alarming featute is a still weightier consideration—its sanitary phase. The raw material from which butterine is produced must be, from the cost to manufacture, an average of 14 cents per pound, of the cheaper grades of animal fats. These are reduced to a pulp, heated somewhat, and then treated with acids, Perhaps in most cases this raw material would not be generally regarded as wholesome. The heat supplied may not always be sufficient to destroy any animal or diseased germs. It is generally supposed that the use of bogus butter is not so general as to endanger public health. As it is difficult to distinguish between genuine and bogus butter, this may be an interesting instance of "where ignorance is bliss, 'tis folly to be wise." The actual fact is that there is an abundant supply of bogus butter on the market. The appearance and taste are such perfect imitations of pure butter that laymen and even experts in the butter business can not always determine without a chemical analysis which is the genuine and which is the spurious article. The dairy interests of this country are of national importance. A year or two since, by the creamery method, western dairying had been reduced to a system and placed upon a highly remunerative basis, the products finding a ready market at good prices. But some of the once profitable creameries have gone into bankruptcy or have been converted to other uses. It stands to reason that a cow producing 50cent butter can't compete with a hog producing 14-cent butter when both are sold under the same name and for the same price upon the market. The cow apparently will have to "go."

SEED CORN

We offer a choice lot of Step Ladders, education can be obtained is the Grand Early Red Cob Dent Corn, and the Round Yellow or Grind Stones, Yankee Corn, Clover and or Grand Rapids. This conege has just entered upon the 20th year of its history with Top, Millet, Spring Wheat Seed Oats, Peas, Beans, Genuine White Star Seed Alaska Refrigerators, Potatoes. In fact every seed usually kept in stock Horse Pokes, at a Seed Store, at wholesale and retail.

W. T. LAMOREAUX, Agent; Farm Bells. 91 CANAL STREET,

- MICHIGAN GRAND RAPIDS,

Grand Rapids Wire Works

Manufacturers of All Kinds of

WORK 92 MONROE STREET.

STEVENS

-WHOLESALE-

12 and 14 MONROE STREET,

GRAND RAPIDS,

All Orders Promptly Shipped

Correspondence Solicited and Quotations Given.

in Our Favor.

We Solicit Orders or Inquiries for Any of the Following Goods:

Nails, Riverside Brand, Jewett's Bird Cages, Wheel Barrows, Barb Fence Wire, Agricultural Tools, Road Scrapers, Wire Cloth, Screen Doors,

Sheet Iron,

Cow Bells,

We are Carrying To-day and Filling Orders as Complete as Any House in Michigan.

Foster, Stevens & Co.

LATEST Stan'd Quotations

JOHN CAULFIELD

& CO., Wholesale Grocer

85, 87 and 89 Canal Street

-HEADQUARTERS FOR-

Choice Butter, Huckleberries. Dried Peaches, Apples, Cheese, Jellies, etc.

Maple Syrup.

We have a few 5 and 10 gallon kegs of choice Vermont Maple Syrup on hand which we will close out at the following low prices:

5 Gallon Kegs......\$3 10 10 Gallon Kegs...... 6 00

SUGARS.

Powdered Standard..... 81/4 Standard A......7-19 Extra C......61/4@61/4 Yellow C......5%@6

> CANNED GOODS We continue the

CLOSING OUT SALE Of our present stock of canned goods. Blank

quotations indicate the line all sold.

JOB BACON'S TOMATOES Have the Highest Endorsement of the best

dealers in the country. 3 th Job Bacon's Tomatoes, Standard. . 1 05 3 th Smith & Wicks' Tomatoes...... 2 lb Sweet Corn, Erie...... 1 15 2 fb Sweet Corn, Mitchell's..... 2 lb Sweet Corn..... 75

2 th Corn, F. & D.'s..... 2 lb Peas, Extra Early..... 75 2 lb Peas, Platts' Erie..... 2 lb Peas, Equity Brand, Extra...... 25 2 th Peas, Ex. F. V. Canning Co..... 2 th Lima Beans, Standard..... 90

2 th Lima Beans, Extra...... 1 00 2 fb String Beans, Shawnee, white wax. 90 3 lb Climax Pumpkin, Standard...... 20 2 lb Succotash, Standard..... 90 3 lb Boston Baked Beans...... 1 60

Apples, Gallons, Erie...... 3 00 Apples, Gallons, Extra Erie County...3 00 3 th Peaches, Standard...... 1 75 3 fb Erie Pie Peaches...... 1 18

2 th Blackberries, Madison........... 1 00 2 th Red Cherries, Standard...... 2 lb Green Gages, Extra..... 2 lb Egg Plums, Extra....

2 lb Strawberries, Extra...... 25@1 50

3 lb Bartlett Pears, Echert's Standard... 1 25 1 lb Salmon, Standard...... 1 45@1 55 1 th Lobsters, Standard...... 1 75 Sole agent for Lovell & Bluffington's celebrated brands of Fountain, Old Congress, Good Luck, Good and Sweet Fine Cut Tobaccos. The two

first named brands were awarded the highest prize at the Centenial Exhibition in 1876. I am also factory agent for Shot Gun and Butternut Plug Tobaccos. Valuable prizes given with each butt of above brands. We carry in stock, Horse Shoe, Hair Lifter, Duck, Champion A, Green Shield, D. & D., Big Chunk or J. T., Red Star, Suilor's Sol-

ace, Good Luck, Nobby Twist, Anchor, Ten

Cent Lunch, Spun Roll. Largest and most

complete Stock of Smoking Tocacco in this

Readers of The Tradesman will find it to their interest to keep a business eye on this column headed STANDARD QUO-TATIONS. Mail orders solicited and careful attention given them. Special quotations mailed on a general line of groceries when

PATENT MEDICINES AND PROPRIETARY ARTI-

Drugs & Medicines

SULPHURIC ACID.

The Necessity for Comparative Purity. From the Oil and Colorman's Journal.

As we all know, this acid is one of the most commonly used for technical purposes; it also forms an important part in the chem ical department as used in dye-houses, print works, and the manufacture of dyes. The purposes, it should be of a comparatively be found in sulphuric acid, during the process of manufacturing, may not be of any consequence for some purposes, but will for tain any arsenic, sub-nitric or sulphurous acid, nor any chlorine; which ingredients may, more or less, act injuriously on the

For the preparation of indigo paste we require, without doubt, a product which should be entirely free from the above ingredients; in ether and alcohol, swelled in cold water, and although mannfacturers may wish to and was not precipitated by tannin nor coldeal fairly with the consumer in every way, it may sometimes happen that one or more of the above impurities are found in it. Without special test they cannot be detected, and it is only found when color and dye are injured by it; that is, too late. It is from the entire pig, is extremely soft, and is therefore advisable to always test purchases often adulterated with mutton and other of sulphuric acid for their purity, and get fats to increase its hardness, or rape oil convinced that it is in such a condition that it will not injure the product to be made. A simple test is for this purpose of great advantage, and the following method will be of some use in places where no chemist is

A small portion of the sulphuric acid is lengthy mention. evaporated on a platinum sheet, which is subsequently brought to a white heat. Good sulphuric acid should leave no residue; if there is any, it is sulphate of potash, or soda, or even lead. These are derived from the manufacture, and cannot be classed as adulterations. We may say here that, on account of the cheapness of the sulphuric acid it never is wilfully adulterated, but may contain many foreign ingredients.

A little sulphuric acid is diluted with water, and a few drops of concentrated muracid acid added; if the solution, which was clear before, becomes milky, it indicates the presence of lead, which can be more safely identified by letting a current of sulphureted hydrogen gas pass through the liquor. If means of trouble in darkening and injuring delicate shades of any color.

Another ingredient which is often found in sulphuric acid, particularly such products as are made from pyrites, is arsenic. For the manufacture of indigo paste, which requires much sulphuric acid, it is especially required that the acid be entirely free from arsenic, and also nitrous acid and sub-nitric acid. Arsenic is detected by the so-called Marsh test. If mixed with water and grandulated zinc, hydrogen gas is liberated, which should not contain any trace of arsenic. The hydrogen gas is ignited, and the flame allowed to strike a cool porcelain plate, on which, if arsenic is present, metallic arsenic is deposited.

Sub-nitric or nitric acid may be detected by throwing a small piece of copperas in the questionable acid; if it shows a brown coloration where it touches the liquid, the presence of the above impurities are indicated.

Chlorine or muriatic acid, also injurious for many purposes, is detected by adding a few drops of nitrate of silver into the diluted sulphuric acid; a precipitate or a milky appearance of the mixture shows the presence of chlorine or muriatic acid.

Sub-nitric acid, derived from the manufacture, is shown by adding iodine of potash and starch mixture to the sulphuric acid; a blue coloration shows sub-nitric acid.

To Detect Adulteration in Lard.

We give the following tests from the Amercan Chemical Review, which are so easily applied that no one need be deceived by the adulterated article:-

Color.-Pure lard ought to be pure white at ordinary temperatures, and perfectly transparent when melted.

[[Melting point and specific gravity.-According to Dr. Hager, the melting point of the mixture of fatty acids constituting lard is 40° C. (according to the B. P., "about 38° C.") and its specific gravity at 15° C. 0.931 to 0.932 when fresh, and 0.940 when old.

Smell.—Pure lard ought to smell perfect ly sweet without the slightest tendency to rancidity.

Salt.—This impurity is often added to increase the capacity of the grease for water, and to make it keep better when imperfectly rendered. It may be easily detected by treating a portion of the suspected lard with distilled water, separating the latter, and testing with nitrate of silver solution for chlorides in the usual manner.

Alum.-This is also added in order to allow a larger quantity of water to be incorporated with the lard. The lard is to be well washed as before and the water tested for sulphuric acid and alumina.

Caustic Lime.—It is a common practice with the Canadian lard exporters to mix A lime soap is thus formed, and the lard past three years 9,000,000 menhaden fish. will take up as much as 25 per cent. of water. Triturated with a little mercurous nit- statement that 52,000,000 cinchona trees, of rate such lard turns more or less black. It two years old and upwards, now exist in the may also be detected by washing and treat- island of Ceylon. ment with ammonia oxalate.

The Alkaline Carbonates.—These are added with a similiar intention. Wash and ary and February of this year,

add to the aqueous residue dilute nitric acid, which should cause no effervescence. It should give no precipitate with platinum chloride, and should be neutral to test

Plaster of Paris.—This adulteration may be detected by allowing the washing water to deposit it, by simply melting the lard at

a very low temperature. Starch.-American lard, in addition to all the impurities mentioned above, somelarge and constantly-increasing consumption times contains starch, which has been added renders it necessary that, at least for many to increase its hardness. Wash at ordinary temperature and examine the deposite left pure nature. Ingredients which happen to by the washing under the microscope, or test the boiled washings with iodine

water. Carrageen Moss .- According to Chevaothers. In the dye-house and color mixing lier, M. Astaix, who selected a number of room it is required that the acid should be different samples from several cargoes of of some degree of purity. It should not conlard exported from New York, found 25 per cent, of a jelly which was neither nitrogenous, amylaceous, nor pectic, but which offered a close resemblance to vegetable mucilage, particularly to the gelatinous matter furnished by carrageen or Iceland moss. This jelly was insipid, insoluble ored blue by iodine water.

Water.-Melt at a gentle heat for an hour or more, in a long narrow test tube. If any water is present, it will collect at the bottom. American lard, from being made when too much of these has been added. The addition of other fats can only be detected by the increased specific gravity, and altered color and smell.

Metallic impurities from the use of lead or copper vessels are so rare as not to need

How Thermometers Are Made. "When a thermometer is to be made," says a manufacturer, "the glassblower first blows a bulb on the end of a long tube. While this tube is hot the end of the tube is inserted in mercury, and as the bulb cools the mercury rises and fills the bulb. This process is repeated until the bulb and part of the tube are filled. The bulb is then immersed in snow or chipped ice and the mercury settles to the freezing point, which is marked on the tube as thirty-two degrees, if a Fahrenheit scale is to be followed. Next the bulb is put in boiling water, and the point to which the mercury rises is marked on the scale as 212 degrees. Ten degrees lead is found in sulphuric acid, it will be a of the mercury are now detatched from the column by jarring, and the whole length of the tube is tested. The process is repeated with five degrees of the column being measured all the time by a standard thermometer to see if the tube is conical at any point. Common thermometers generally vary about two or three degrees, owing to the irregularity of the opening in the tube, which causes the mercury to rise slowly where the opening is too large and too fast where the opening is too narrow. It requires great skill to blow a tube with a uniform opening the whole length. They should be allowed to stand not less than one month—one year is better—to allow the mercury to settle before the scale is made." The self-registering thermometer is used for marking the highest and lowest points reached within a given time. The bulb is filled with mercury, above which in due time is inserted a fine piece of steel spring, the remainder of the tube is filled with carbolic acid or creasote. The steel springs rest at the highest point they are pushed to by the mercury, and are afterward drawn down by a small magnet. By a duplex arrangement and reversing the scale the lowest or coldest point is indicated in the same way. The deep sea thermometer is of the same pattern, and is encased in a heavy copper tube to preserve it against the pressure of the water. It has, besides, a self-regulating attachment.

> Sponge planting is an enterprise that some speculative Frenchmen have on foot. It is proposed to bring the sponges from the waters of Syria and the Archipeligo. They will be carefully selected, placed in a box pierced with holes, along with the rocks to which they were found adhering, and transplanted in that part of the Mediterrenean that washes the shores of Algeria and France. Three years at least will tell whether Frenchmen will continue to pay at the rate of almost fifty francs a pound for sponges.

The fever or clinical thermometers are made

with great nicety, and are used for deter-

mining the temperature of the human body.

A subscriber inquires which form of potash is the cheapest. The sulphate in the shape of kainit, is probably the best, as it is combined with other substances, such as magnesia, lime, etc. All kinds of potash are estimated according to the actual available potash contained, whether they be muriate or sulphate.

To whiten small articles made of brass or copper, boil them in three-quarters of a pound of cream tartar, and one pound grain tin or any pure tin finely divided. The tin dissolves in the cream of tartar, and is precipitated on the brass or copper.

The North Carolina Oil and Guano Co. at Beaufort, since its organization, reports with it from 2 to 5 per cent. of milk of lime: having caught and worked up within the

The Ceylon Observer is authority for the

A Southern paper estimates that \$28,000, 000 was invested in the South during Janu-

The Position of Cochineal. From the Independent Record.

The course of the market for cochineal

has been a puzzling one to many in the trade, although there are reasons for the present condition which should be clear to all. The direct cause for the extreme depression of values may fairly be attributed to the steady increase in the use of the cheaper aniline dyes which have, to a large extent, supplanted cochineal in this and other countries, but it was at first believed that owing to the fleeting character of these dyes, they would not be able to hold their own against the more staple, though expensive, cochineal. So firmly were many dealers impressed with this belief, that when the price was first materially decreased, large sums were invested in the article by speculative dealers who looked for an early reaction, and hoped to realize handsome profit. Dealers in the primary markets showed their faith by purchasing large quantities and holding the same for a rise. The reaction, however, has not set in, and some of these operators have been ruined by the almost uninterrupted decline. It is claimed that the cost of producing cochineal is, at least, thirty cents per pound, while the market price here is now, and has been for some time, below twenty-five cents per pound. Under these discouraging conditions many of the producers have destroyed their cactus plants and turned their land to other uses. The production, therefore, for the next few years at least, will be much smaller than heretofore, and it is argued that even with the present restricted consumption the price must soon advance. In the meantime the use of aniline colors is increasing, and although it is asserted that for the better class of goods manufacturers will be obliged to go back to the use of cochineal if they desire to save their reputations, it will be some time before this is brought In the event of an abandonment of the

aniline colors and a return to cochineal the manufacturers will find it difficult to secure supplies for reasons already alluded to, and as it will take a number of years to bring the cactus plantations to profitable production we may, in that event, see extreme prices prevailing. This is the case as put by those interested in cochineal. But on the other hand the manufacturers of aniline colors are improving their production, and although at present the brighter reds are somewhat fleeting they show improvement, and it is confidently believed by many that a perfectly fast dye will yet be produced which will prove an acceptable substistute for cochineal. That the manufacture of aniline reds has not yet reached perfection must be apparent, but at the present time these dyes show marked improvement over those on the market two or three years | Citrate and Quinine. the part of the manufacturers when they claim that further improvements will be made. Should a perfectly fast color be produced which will prove an acceptable substitute for cochineal the production of this article as an industrial pursuit will receive its death blow as surely as has that of madder. In the present uncertainty, however, there, are many who pin their faith on ochineal, and many more who believe that aniline colors will be perfected and that eventually the use of cochineal will be abandoned. At present it would be presumptuous to venture an opinion, but whatever the future may develop, so long as cochineal is sold at a price lower than the cost of production it must be considered good value by Carbonate, Pattison's, 2 oz...... those who have occasion for its use, and no Carbonate, Jenning's, 2 oz......
Citrate, H., P. & Co.'s solution... matter what transpires prices are not likely to go lower.

Cotton-Seed Oil. A process is in course of development in New Orleans to utilize cotton seed oil for cooking, lubricating and illuminating purposes. On a small scale, a factory capable of treating twenty barrels of oil per day has been established, demonstrating the entire barrels of cotton-seed oil were subjected to this new method of refriences. A number of Geranium \$\varphi \colon z \cdots this new method of refining and eliminating the alkalis, and the result answered the most sanguine expectations; being a clear, light golden liquid, it is in every respect answerable for the purposes designed. Some of the oil was placed in a lamp, and shed a pure white light, superior to that of any lard oil, and emitted no smoke. Mr. Draper, the inventor, claims for it, as an illuminator, superiority over any oil for mining purposes, as it will not congeal as quickly as ordinary lard oil. The precipitate or reTar (by gal 60c)...... as ordinary lard oil. The precipitate or residuum is used for lubricating purposes, and into general use, especially for light machine Cod Liver, filtered.... ery, on account of its not being liable to beon which it is used. It is also expected to make an excellent cubetient of the control of the cubetient of t make an excellent substitute for lard.

Particularly Adapted to the Wants of Business Men. From the Freeport Herald.

THE MICHIGAN TRADESMAN, published at Grand Rapids, came out last week enlarged to an eight page paper, six column quarto. The Tradesman is peculiarly adapted to the wants of business men, especially all those who direct their wholesale orders to Grand Rapids. Subscription price only \$1 per year.

Should be Taken by Every Business Firm. From the Saranac Local.

The Michigan Tradesman has been enlarged to an eight page six column paper.

It is a paper that should be taken by every business firm in the country.

Tennessee has thirty-three cotton mills with 1,161 looms and 78,877 spindles.

WHOLESALE PRICE CURRENT,

Hazeltine, Perkins & Co. quote as follows for quantities usually wanted—for larger amounts write them for quotations: Advanced-Linseed Oil.

Declined-Turpentine, Oil Cassia, Oil Anise

ACIDS.

I	Acetic, No. 8	9 30	8	10 35
	Carle lie	00		35
١	Muriatic 18 deg	3	@	5
ı	Nitric 36 deg	11	@	12
ı	Oxalie	143		15
ı	Sulphuric 66 deg		@	4
۱	Tartaric powdered			48
	Benzoic, English 🛱 oz			20
ı	Benzoic, German	12	@	15
	Tannie	15	@	17
	AMMONIA.		_	
	Carbonate # 1b Muriate (Powd. 22c)	17	@	20
١	Muriate (Powd. 22c)		0	15
1	Aqua 16 deg or 3f	6	@	8
ì			0	C
	BALSAMS.			
	Copaiba		@	50
١	Fir		0	00
ı	Peru		2	60
ļ	Tolu			oc
۱	BARKS.			
	Cassia, in mats (Pow'd 20c)			12
	Cinchona, yellow			18
1	Elm, ground, pure			18
١	Elm, powdered, pure			15
١	Sassafras, of root			10
١	Wild Cherry, select			12
	Bayberry powdered			20
١	Hemlock powdered			18
١	Wahoo			30
١	Soap ground			12
	Cubeb, prime (Powd \$1 20)		@1	00
Ì	Juniper	6	@	7
ı	Juniper	CO	@1	11
	EXTRACTS.			
	Licorice (10 and 25 th boxes, 25c)			91
	Licorice, powdered, pure			3
i	Logwood, bulk (12 and 25 to doxes).			9
	Logwood, 1s (25 th boxes)			12
	Lgowood, ½s do Logwood, ¼s do Logwood, ass'd do			18
	Logwood, 4s do			18
ĺ	Logwood, ass'd do			14
	Fluid Extracts-25 # cent. off list.			
	FLOWERS.			

FLOWERS. 10 @ 11 GUMS. Ammoniae
Arabic. extra select.
Arabic, powdered select.
Arabic, 1st picked Arabic,:3d pickəd... Arabic, sifted sorts. Assafæntida, prime (Powd 35c)... Benzoin... Camphor.... Catechu. 1s (½ 14c, ¼s 16c) Euphorbium powdered......Galbanum strained.....

Hoarhound Lobelia....Peppermint.....

Phosphate Senna, Alex, natural..... Senna, Alex. sifted and garbled... Senna, powdered...... Senna tinnivelli..... Senna timiveli.
Uva Ursi.
Belledonna.
Foxglove.
Henbane
Rose, red.

LIQUORS. MAGNESIA.

Cassia
Cedar, commercial (Pure 75c)...
Citronella.
Cloves...
Cubebs, P. & W.
Erigeron
Fireweed. mmercial (Pure 75c) Hemlock, commercial (Full 100)
Juniper wood
Juniper berries
Lavender flowers- French
Lavender garden do
Lavender spike do

Calcined

Rose \$ oz. Rosemary, French (Flowers \$5)... Sandal Wood, German... Sandal Wood, Turkish Dark.... Bicromate......

13 @ Serpentaria..... Sarsaparilla, Hondurus.....

Red Venetian
Ochre, yellow Marseilles
Ochre, yellow Bermuda
Putty, commercial
Putty, strictly pure
Vermilion, prime American
Vermilion, English
Green, Peninsular
Lead, red strictly pure
Lead, white, strictly pure
Whiting, white Spanish
Whiting, Gilders'
White, Paris American
Whiting, Paris English cliff.

Sarsaparilla, Mexican Squills, white (Powd 35c)..... Valerian, English (Powd 30c).... Valerian, Vermont (Powd 28c).... SEEDS. Celery..... Coriander, best English... Fennel Flax, clean Flax, clean Flax, pure grd (bbl 3¾)..... Foenugreek, powdered..... Hemp, Russian... Quince Rape, Lnglish Worm, Levant SPONGES. Florida sheeps' wool, carriage.....2 25 Nassau do Velvet Extra do Extra Yellow do Grass do do Hard head, for slate use.... Yellow Reef, do MISCELLANEUS. MISCELLANEUS.
Alcohol, grain (bbl \$2.27) \$\mathbb{g}\$ gal.
Alcohol, wood, \$5 per cent ex. ref.
Anodyne Hoffman's.
Arsenic, Donovan's solution.
Arsenic, Fowler's solution.
Annatto 1 \$\mathbb{b}\$ rolls
Blue Soluble.
Bay Rum, imported, best.
Bay Rum, domestic, H., P. & Co.'s.
Alum.
\$\mathbb{g}\$ the Annatto, prime. Alum, ground (Powd ve).
Annatto, prime...
Antimony, powdered, com'l.
Arsenie, white, powdered.
Balm Gilead Buds.
Beans, Tonka.
Beans, Vanilla...
Bismuth, sub nitrate.
Blue Pill (Powd 70c).
Blue Vitriol...
Boralumine, White bulk
Boralumine... 5 bs 71/2@ Boralumine, White bulk Boralumine, "5 fbs Boralumine, Tints bulk 40 ff. Boralumine "5 fbs. Borax, refined (Powd 15c).
Cantharides, Russian powdered.
Capsicum Pods, African pow'd.
Capsicum Pods, African pow'd.
Capsicum Pods, American do
Carmine, No. 40
Cassia Buds. Cassia Buds. Calomel, American. Castor Oil. Castor Oil.
Chalk, prepared drop...
Chalk, precipitate English.
Chalk, red fingers.
Chalk, white lump.
Chloroform, Squibb's.
Cologynth apples. olocynth apples......hloral hydrate, German crusts.. Chloral do do cryst... Chloral do Scherin's do ... Chloral do do crusts.. Cream Tartar, pure powdered..... Cream Tartar, grocer's, 10 b box... Creasote Cudbear, prime Cuttle Fish Bone Dextrine
Dover's Powders
Dragon's Blood Mass Dragon's Blood Mass
Ergot powdered
Ether Squibb's
Emery, Turkish, all No.'s
Epsom Salts
Ergot, fresh
Ether, sulphuric, U. S. P.
Flake white
Grains Paradise
Gelatine, Cooper's
Gelatine, French
Glassware, flint, 65 off, by box 55 off
Glassware, green, 60 and 10 dis. 21/2@ Glassware, green, 60 and 10 dis.... Glue, cabinet. Glue, white. Glycerine, pure. 12 @ 17 @ 23 @ 25@ Hops ½s and ¼s.
Iodoform P oz. Insect Powder, best Dalmatian... 121/2@ Mustard, grocer s, 10 b cans.
Nutgalls.
Nutmegs, No. 1.
Nux Vomica.
Ointment, Mercurial, ¼d.
Pepper, Black Berry
Pepsin.
Pitch, True Burgundy.
Ouassia 2 @ Soap, Mottled do 41/2@

Soap, Mottled do
Soap, do do
Soap, Mazzini
Spirits Nitre, 3 F
Spirits Nitre, 4 F
Sugar Milk powdered
Sulphur, flour
Sulphur, roll
Tartar Emetic 26 @ 28 @

Acid, Horsford's Phosphates. Acid, Horsford's Phosphates. Alterative, Jaynes'
Aperient, Tarrant's Seltzer
August Flower, Green's, trial
August Flower, Green's
Balm, Ely's Cream
Balm, Hagan's Magnolia Balm, Hagan's Magnolia.
Balsam, Alen's Lung.
Balsam, Hall's Lung.
Balsam, Jaynes' Carminative.
Balsam, Jaynes' Carminative.
Balsam, Jaynes' Carminative.
Balsam, Parker's Hair.
Bitters, Baxter's Mandrake.
Bitters, Boerhave's Holland.
Bitters, Brown's Iron.
Bitters, Bucklen's Electric.
Bitters, Bucklen's Electric.
Bitters, Burdock, Blood.
Bitters, Burdock, Blood.
Bitters, German Hop.
Bitters, German Hop.
Bitters, Hop and Malt.
Bitters, Hostetter's Stomach.
Bitters, Shepard's Wahoo.
Bitters, Warner's Safe.
Bitters, Warner's Safe. Bitters, Warner's Safe..... Blood-Searcher, Lindsey's. Bromidia, Battle & Co...

Butter Color, W. R. & Co...

Butter Color, W. R. & Co...

Butter Color, W. R. & Co...

Camphor Ice, H. P. & Co. rolls...

Carminative, Jaynes'...

Cascara Cordial, P. D. & Co...

Captovia, Pitcher's Cascara Cordial, P. D. & Co.
Castoria, Pitcher's
Cement, Freeze's American Mender.
Cholagogue, Osgoods.
Compound, Lydia Pinkham's.
Conquerer, Greene's Ague.
Cordial, Fosgate's Anodyne.
Cordial, Fosgate's Anodyne.
Cordial, Godfrey's.
Cream, Richmond's Cubeb.
Cure, Ayef's Ague.
Cure, Harter's Fever and Ague.
Cure, Hall's Catarrh [Toledo].
Cure, Kendall's Spavin.
Cure, Kendall's Spavin, Refined.
Cure, Fiso's for Consumption. . Pitcher Cure, Richmond's Ague. Cure, Sykes Cartarrh, Liquid... Cure, Warner's Safe Diabettes... Cure, Warner's Safe K. & L... Cure, Warner's Rheumatic...... Cure, Weatherly's Catarrh...... Cuticura Dermador, Anderson's.... Dermador, Anderson's.
Destroyer, Steketee's Worm.
Drstroyer, Steketee's Worm, in capsules.
Discovery, Kennedy's Medical.
Discovery, King's New
Discovery, Pierce's Golden Medical.
Dissolvent, Kennedy's.
Drops, Koenig's Hamburgh.
Drops, Peerless Toothache.
Drops, Steketee's Neuralgia.
Dyes, Diamond.
Dyes, Excelsior. Dyes, Excelsior Dyes, Handy Package. Elixir, Nichols', of Bark and iron. Elixir, Richmond's Liver. Elixir, Wayne's Diuretic. Expectorant, Jaynes'.... Extract, H. P. & Co.'s of Ginger... Extract, H. P. & Co.'s of Ginger. Extract, Shaker's, or Roots Extract, Snaker's, or Roots.
Extract, Tarrant's, of C. and C.
Ely Paper, Shoo-Fly.
Fly Pads, Briggs'.
Food, Mellin's Infant
Food, Mellin's Infant
Food, Nestle's. Kathairon, Lyon's.... Katharon, Lyons Kidneywort, Dry. Kidneywort, Liquid. Lactopepetine, N. Y. Phar. Co., 1 oz. Liniment, Centaur, Horse and Family. Liniment, Herrick's German. Liniment, Herrick's Cerman
Liniment, Johnson's Anodyne
Liniment, Kennedy's R. and N.
Liniment, Kennedy's Scattering.
Liniment, Mexican Mustang
Liniment, Mexican Mustang
Liniment, Richmond's Good Samaritan
Nervine, Richmond's Good Samaritan
Nervine, Warner's Safe
Oil, Hamlin's Wizard
Oil, Hamlin's Wizard
Oil, Hamlin's Wizard
Oil, Leeson's Tiger
Oil, Leeson's Tiger
Oil, Leeson's Tiger
Oil, Merchant's Gargling, fam
Oil, Merchant's Gargling, horse
Oil, Merchant's Gargling, horse
Oil, Merchant's Gargling.
Oil, St. Jocob's.
Oil, Thomas' Electrie.
Ointment, Kennedy's Salt Rheum
Ointment, Kennedy's Salt Rheum
Ointment, Kennedy's Salt Rheum Dintment, Kennedy's Salt Rheum. Ointment, Kennedy's Scrofula.... Ointment, Trask's Magnetic.
Ointment, Trask's Magnetic
Ointment, Williams' Indian Pile
Pain-Killer, Perry Davis.
Pain-Killer, Perry Davis.

 Pain-Killer, Perry Davis
 3 60

 Pain-Killer, Perry Davis
 7 20

 Pectoral, Ayer's Cherry
 7 75

 Pellets, Pierce's Purgative
 1 50

 Pepsin, H. P. & Co.'s, Sacchar'd, ozs.
 9 0z
 30

 Pepsin, H. P. & Co.'s
 9 doz
 1 50

 Pills, Ayers
 9 doz
 1 50

 Pills, Carter's Iron
 3 75

 Pills, Carter's Little Liver
 1 50

 Pills, Harter's Ague
 5 25

 Pills, Harter's Liver
 1 35

 Pills, Harter's Liver
 1 35

 Pills, Herrick's
 1 50

 Pills, McLane's
Pills, Rinehart's Liver.
Pills, Shallenberger's Fever and Ague.
Pills, Warner's Safe.
Pills, Wright's Sugar-Coated. Syrup, Boschee's German.
Syrup, Boschee's German, samples.
Syrup, Bull's Baby.
Syrup, Bull's Cough.
Syrup, Bull's Cough.

 614
 Sprup, Bull's Cough
 7 49

 614
 Syrup, Clark Johnson's Indian Blood
 3 50

 670
 Syrup, Clark Johnson's Indian Blood
 7 00

 690
 Syrup, Fellows of Hypophospites, Comp. 11 50

 1 10
 Sprup, Marshall's Lung
 1 85

 1 40
 Syrup, Marshall's Lung
 3 70

A MERCANTILE JOURNAL, PUBLISHED EACH

E. A. STOWE & BRO., Proprietors.

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WEDNESDAY, APRIL 9, 1884.

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

Capital Stock a Trust Fund.

The capital stock of a moneyed corporation is a trust fund for the payment of its debts, and upon its insolvency, creditors may compel, by bill in equity, the payment of the unpaid subscriptions to the capital stock so far as is necessary for the satisfaction of their debts.—Supreme Court of Pennsylvania.

Principal and Agent.

an agent enters into a contract without dis- aration. closing his principal or agency, 'the principal, if he takes advantage of the contract, must do so subject to all the rights and preparation of the tin plate, and that acid equities of which the other contracting liquids should not be kept in tin vessels, party, who had no knowledge of the agency, but that no cases are known in which any might avail himself as against the agent, as- injurious effects have been proved to have suming the latter to be a principal.

Lease-Statute of Frauds.

The Supreme Court of Michigan holds that a lease may be made to take effect in the future, and the estate begins with the future period and not with the contract; an agreement by parol for a future term, not exceeding one year, is valid, and not within the statute of frauds.

Commenting on the above the Chicago seem to be contrary to the weight of authority and the spirit of the statute if not of its express letter."

Contract in Restraint of Trade.

trade (that is, contracts binding a person off. not to engage in a particular avocation any where) are regarded as invalid. But contracts that merely bind a person not to fol- of an hour, skimming well; to each gallon low a given avocation at a certain place or of liquor add ½ oz. of hops, boil again for a places are universally held to be valid en- quarter of an hour, pour it into a tub, and gagements, provided the restrait imposed let stand for twenty-four hours, working upon the person be in itself reasonable, and with yeast, then pour into the cask, and to no greater than seems necessary to protect | 13 gallons of liquor, allow a quart of sack the other party to the contract in the en- close lightly until all fermentation has ceasgagement of the business or good will of ed, then bung up close. If a large cask, althe business purchased. The only difficulty low a year in work before bottling off. in applying the rule was in determining with respect to particular cases what was a Take 20 lbs of honey and 12 gallons of good reasonable limitation."

Alleged Metallic Impurities of Tinned Goods.

Edward Davies, F. C. S., in Druggists' Circular. My attention was recently called to a case of poisoning from eating tinned salmon, the doctor who had charge of the case having attributed the same to nitrate of tin. Of course the chemistry of the medical gentleman was, to say the least, peculiar. Nitrate of tin, either stannic or stannous, can only be formed by the action of nitric acid, either on tin or stannous hydrate for Louisville, Falls City; Hannibal, Bluff City; of nitric acid from its nitrogen, in the ab- cinnati, Queen City, Porkopolis; Boston, salmon is cooked seemed, however, a possible thing, forming a fatty salt of tin.

ide, as usually prepared, contains free acid, Flower City; Buffalo, Queen City of the and its strongly irritant effects may be thus Lakes. Grand Rapids, Valley City. partly accounted for, but these salts are not present in tinned meats. Tin in the metallic form is not at all poisonous, and tinned lature which, if carried, will force manucooking purposes that some cases must have stamp each package with the date of its been met with if they could impart deleter- preparation.

ious properties to the food. The lead which is always present in the tin used for tinning may be supposed to be the active agent. I have analyzed tinned beef for this metal, and found on the whole of the outside of the meat in a four-pound tin 0.07 of a grain. The interior of the meat was quite free from this metal.

Lead poisoning from small doses does not cause sudden symptoms. Paralysis is the usual result, and not symptoms of irritant poisoning. The amount above stated is quite insufficient to produce any visible effect, and the removal of the outside would remove any that might be present.

I also analyzed a tin of tomatoes which had apparently suffered partial decomposition. Two ounces gave 0.10 of a residue when the sulphides were ignited. This was principally tin with a minute amount of lead. The tomatoes were, of course, acid, and I think acid substances should not be preserved in tin vessels; but even this quantity is so small that I should hesitate to assume that it could be injurious. The bad effects which have in a few cases resulted from the use of tinned meats are, in my Supreme Court of Ohio in the case of opinion, due to decomposition of the meat, Miller's Executrix vs. Sullivan & Co. Where owing to imperfect closing or faults in prep-

The results of my examination are that lead should be carefully excluded in the resulted from metallic impurities in tinned

How To Make Mead.

Mead is an old-fashioned beverage, but a very pleasant one, if care is taken in making it. It is generally made over strong, too much honey being used to the proportion of water. The following is a good recipe: (1) On 30 lbs. of honey (clarified) pour 13 gal-Legal News says. "This opinion would lons of water, boiling hot, clarify with the whites of eggs well beaten, boil again, remove all scum as it rises, add 1 oz. of best hops and boil for ten minutes, then pour the liquor into a tub to cool, spreading a slice of toast on both sides with yeast, and putting The case of La Taurette vs. Ames et al, it into the tub when the liquor is nearly decided in favor of plaintiff by the St. Louis | cold; the tub should stand in a warm room. Circuit Court on March 24th, was an action When fermentation has thoroughly begun brought to recover damages for a breach of pour the mixture into a cask, and as it works contract the defendants having, in considera- off fill up the cask, keeping back some of tion of \$4,860.58, sold to plaintiff their the liquor for this purpose. Bung down establishment for the manufacture of "suc- closely when fermentation has ceased, leavtion wood pumps" and "wood force ing a peg-hole which can be closed up in a pumps," together with all their machinery few days. Let it remain a year in the cask and manufactured stock, and the good will before bottling off. (2) To 15 lbs of honey of their business, the defendants at the same add 6 gallons of water, clarify the honey time covenanting that they would not with white of eggs, boil for ten minutes, directly or indirectly manufacture or sell the and keep thoroughly skimmed; add a handsame class of pumps at any place in the ful of mixed herbs, thyme, rosemary tops United States West of the 81st meridian for and bay leaves; boil for half an hour more. the period of ten years, and that they would | Strain the mixture into a tub upon 5 pints not enter into the employment of others en- of ground malt, stir well together and, when gaged directly or indirectly in manufactur- lukewarm, strain through a cloth into ing or selling such pumps within the period another tub. Work it with yeast, and when and territory previously referred to, cove- fermentation is set up pour it into a cask. nanting, in case of violation, to forfeit \$2,- Suspend in the cask a muslin bag containing 000 as liquidated damages. The covenant sliced ginger ½ oz.; ¼ oz. each cloves, nutwas broken and suit begun. The defense meg and mace, well bruised; bung up was that the covenant was invalid because tightly when it has ceased working, letting in restrait of trade. The judge, in his de- the bag of spices remain. It should stand cision, said: "Contracts in total restraint of in the wood for a year, and then be bottled

> Sack Mead .- To every gallon of water allow 4 lbs. of honey; boil for three-quarters

American Mead is made with cider cider, and blend them together in a tub; ferment with yeast, then pour into a cask and add half gallon of rum, half gallon of French brandy, 4 oz. of red tartar, dissolved, and ½ oz. of cloves. Bung down close when it has ceased working, and bottle off at the end of three months; it will be fit for use three months afterward.

Nicknames of Americam Cities.

Toledo, Corn City; Keokuk, Gate City; Quincy, Gem City; Lafayette, Star City; stannous nitrate, or on stannic hydrate for Chicago, Garden City; St Louis, Mound stannic nitrate. But there is no nitric acid City; Pittsburg, Smoky City; Cleveland, in the flesh of salmon, and the formation Forest City; Alexandria, Delta City; Cinsence of oxygen, is a chemical impossibility. Modern Athens, the Hub; New York, Goth-Indeed, nitrates of tin are such unstable am; Nashville, City of Rocks; Philadelsalts that they could not have endured the phia, Quaker City; Indianapolis, Railroad heat of preparing the tinned salmon, even City; Detroit, City of the Straits; Denver, if they had been purposely added. Wheth- City of the Plains; New Orleans, Crescent er tin can be taken up by the oil in which City; Brooklyn, City of Churches; Baltimore, Monumental City; Washington, City of Magnificent Distances; Milwaukee, □I have, therefore, analyzed the oil from a Cream City; New Haven, City of Elms: tin of preserved salmon, using the cheapest Racine, Wis., Belle City; San Francisco, kind. Three hundred grains have 0.03 'Frisco; Duluth, Zenith City; Little Rock, grain of residue on igniting the precipitated City of Roses; Mobile, Shell City; Kansas sulphides, of which a part was lead and a City, Mushroomopolis; St. Paul, Gem City; trace was tin. This amount is quite insuffi- Lowell, City of Spindles; Minneapolis, City cient to cause any effect at all. Whether of Flour; Holyoke, Mass., Paper City; tin in such a form is poisonous is not known. North Adams, Mass., The Tunnel City; The only salts of tin that have been known Peoria, Ill., Whiskytown; Alton, Ill., Tasto possess poisonous properties are the stan- selberg; Pekin, Ill., Celestial City; Madinous and stannic chloride. Stannic chlor- son, Wis., Lake City; Rochester, N. Y.,

A bill is pending in the New York Legisvessels have been in such constant use for facturers of canned goods in that State to

THIS RESERVED

ARTHUR MEIGS & CO.,

Wholesale Grocers,

55 and 57 Canal Street,

Grand Rapids, Michigan, GRAND RAPIDS. - MICHIGAN.

PROPRIETORS OF THE CELEBRATED BRANDS

Red Fox & Big Drive Plug Tobacco,

The Best in the Market,

WE SHALL SOON FILL THIS SPACE WITH QUOTATIONS OF INTEREST TO ALL DEALERS. WHEN IN THE CITY DON'T FAIL TO CALL ON US.

Arthur Meigs & Co.

Candy We manufacture all our stock and can always give you the best goods.

Oranges We buy in large lots from first hands and ship only in full car lots. We handle 20,000 boxes of oranges and

Lemons

Lemons in a season and our facilities for buying and handling are unsurpassed.

Nuts

We carry a heavy stock of Brazils, Almonds, Filberts, Walnuts, Pecans and Cocoa Nuts, and will sell against any market.

Peanuts

We lately bought eight can loads of the best re-cleaned and hand-picked Tennessee and Virginia Nuts, and are prepared to fill the largest orders.

PUTNAM & BROOKS

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----WHOLESALE DEALERS IN----

Butter, Cheese,

Apples, Onions, Potatoes, Beans, Etc.

NO. 8 IONIA STREET,

A. B. KNOWLSON.

-WHOLESALE DEALER IN-

AKRON SEWER PIPE.

Fire Brick and Clay, Cement, Stucco,

LIME, HAIR, COAL and WOOD.

ESTIMATES CHEERFULLY FURNISHED.

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SPRING & COMPANY

-WHOLESALE DEALERS IN-

FANCY AND

STAPLE DRY GOODS

CARPETS

MATTINGS.

OIL CLOTHS

ETC., ETC.

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Michigan.

THE DEAREST TOBACCO

Is a Poor, Common or Low-Priced Article, As It Gives Neither Pleasure Nor Satisfaction.

THE PUBLIC IS NOT SLOW TO LEARN

WHENEVER IT DISCOVERS AN ARTICLE THAT COMMENDS ITSELF TO THE TASTE AND OTHER SENSES.

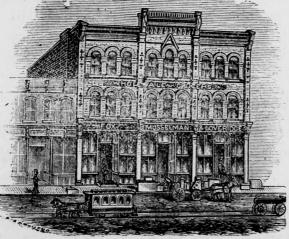
THE REMARKABLE SALE OF-

Is Ample Evidence of This. This Concern will Sell over 20,000,000 Pounds of their Favorite Brands this Year; or About

THE U. S., IT FOLLOWS THAT THEIR GOODS MUST GIVE Better Satisfaction or Represent Better Value for the Money

THAN THE BRANDS OF OTHER MAKERS. "CLIMAX," with Red Tin Tag, is their Best Brand.

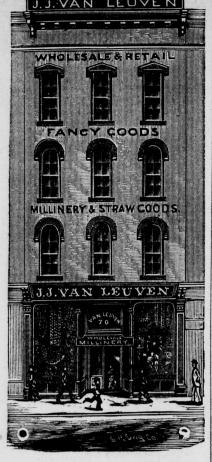
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44, 46 and 48 South Division Street, Grand Rapids, Mich. -WE ARE FACTORY AGENTS FOR-

Nimrod, Acorn, Chief, Crescent & Red Seal Plug Tobaccos. Our stock of Teas, Coffees and Syrups is Always Complete.

Tobaccos, Vinegars and Spices! OUR MOTTO: "SQUARE DEALING BETWEEN MANOAND MAN."



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Millinery

-AND-

FANCY GOODS LACES.

Real Laces a Specialty.

Gloves, Corsets, Ribbons, Fans, Hand Bags, Pocket Books, Ruchings, Yarns, Silks, Satins, Velvets,

Embroidery Materials, Plumes, Flowers, Feathers & Ornaments, Stamped Goods.

STAMPING PATTERNS

70 MONROE STREET,

GRAND RAPIDS, - MICHIGAN.

TIME TABLES.

DEPART.
+Detroit Express 6:05 a m
+Day Express
*New York Fast Line 6:00 p m
†Atlantic Express 9:20 p m
ARRIVE.
*Pacific Express 6:45 a m
+Local Passenger11:20 a m
+Mail 3:55 p m
+Grand Rapids Express
*Daily except Sunday. *Daily.
The New York Fast Line runs daily, arriving
at Detroit at 12:35 a. m., and New York at 10 p.
m. the next evening.
Direct and prompt connection made with

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 6:05 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 8:05 p. m. next day.

A train leaves Detroit at 4 p. m. daily except Sunday with drawing room car attached, arriving the control of the provider o ing at Grand Rapids at 10:25 p. m. J. T. Schultz, Gen'l Agent.

Detroit, Grand Haven & Milwaukee.

0021.0	_	
Arrives.	Leaves.	
+Steamboat Express	6:15 a m	
†Through Mail10:10 a m	10:20 a m	
*Evening Express 3:20 p m	3:35 p m	
*Atlantic Express 9:45 p m	10:45 p m	
+Mixed, with coach	10:00 a m	
GOING WEST.		ı
+Morning Express12:40 p m	12:55 p m	
+Through Mail 4:45 p m	4:55 p m	
+Steamboat Express10:30 p m		
+Mixed	8:00 a m	
*Night Express 5:10 a m	5:30 a m	ı
+Daily, Sundays excepted. Daily.		

Passengers taking the 6:15 a. m. Express make close connections at Owosso for Lansing and at Detroit for New York, arriving there at 10:00 a. m. the following morning. Parlor Cars on Mail Trains, both East and

West.
Limited Express has Wagner Sleeping Car
through to Suspension Bridge and the mail has
a Parlor Car to Detroit. The Night Express
has a through Wagner Car and local Sleeping
Car Detroit to Grand Rapids.
D. POTTER, City Pass. Agent.
THOMAS TANDY, Gen'l Pass. Agent, Detroit.

Grand Rapids & Indiana. GOING NORTH.

	Arrives.	Leaves
Cincinnati & G. Rapids Ex. 9	:02 p m	
Cincinnati & Mackinac Ex. 9	:22 a m	9:50 a m
Ft. Wavne & Mackinac Ex 3	:57 p m	4:45 p m
G'd Rapids & Cadillac Ac.	1000	7:15 a m
GOING SOUTH	н.	
G. Rapids & Cincinnati Ex.		6:32 a m
Mackinac & Cincinnati Ex. 4	:05 p m	4:32 p m

Mackinac & Cincinnati Ex. 4:05 p m 4:32 p m Mackinac & Ft. Wayı e Ex. 10:25 a m 12:32 p m Cadillac & G'd Rapids Ac. 7:40 p m All trains daily except Sunday.

SLEEPING CAR ARRANGEMENTS.

North—Train leaving at 4:45 o'clock p. m. has Woodruff Sleeping Cars for Petoskey and Mackinac City. Train leaving at 9:56 a. m. has combined Sleeping and Chair Car for Mackinac City.

City. South—Train leaving at 4:32 p. m. has Woodruff Sleeping Car for Cincinnati. C. L. Lockwood, Gen'l Pass. Agent.

Chicago & West Michigan.

	Leaves.	Arrives,
+Mail	10:15 a m	4:00 p m
†Day Express	12:50 p m	10:45 p m
*Night Express	8:35 р т	6:10 a m
Mixed	6:10 a m	10:15 p m
*Daily, *Daily except	Sunday.	
Pullman Sleeping Cars	on all nig	ht trains.
Through parlor car in	charge of c	areful at-
tendants without extra	charge to C	hicago on
tendants without extra	charge to C	meago on

50 p. m., and through coach on 10:15 a.m. and

tendants without extra charge to Chicago on 12:50 p. m., and through coach on 10:15 a.m. and 8:35 p. m. trains.

NEWAYGO DIVISION.

Leaves. Arrives.

Mixed. 5:00 a.m. 5:15 p.m.

Express. 4:10 p.m. 8:30 p.m.

Express. 8:30 a.m. 10:15 a.m.

Trains connect at Archer avenue for Chicago as follows: Mail, 10:20 a.m.; express, 8:40 p.m.

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. PALMER, Gen'l Pass. Agent.

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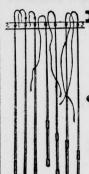
FOR SALE BY-

ALL Paint Dealers

---MANUFACTURED BY-

THE ALABASTINE COMPANY

M. B. CHURCH, Manager. GRAND RAPIDS, - - _ MICHIGAN.



& SON, MANUFACTURERS.

OFFICE

SALESROOM NO. 4 PEARL STREET,

GRAND RAPIDS, MICH. G. ROYS & CO., Gen'l Agents Michigan Central-Grand Rapids Division.

A. A. CRIPPEN,

WHOLESALE

Hats. Caps and Furs

54 MONROE STREET,

GRAND RAPIDS.

MICHIGAN.

We carry a Large Stock, and Guarantee Prices as Low as Chicago and Detroit.

-FOR THE-

FIELD AND GARDEN.

—AT—

WHOLESALE AND RETAIL, -AT THE-

SEED STORE. 91 Canal St., Grand Rapids, Mich.

H. FOWLE.

PAINTER AND DECORATOR,

-AND DEALER IN-

Artists' Materials

FINE WALL PAPERS AND ROOM MOULDINGS,

WINDOW SHADES.

PAINTS, OILS, AND

37 IONIA STREET, SOUTH OF MONROE.

JOHN MOHRHARD, -WHOLESALE-

& Salt Meats 109 CANAL STREET, GRAND RAPIDS,

MOSELEY BROS. Wholesale

Olover, Timothy and all Kinds Field Seeds Seed Corn, Green and Dried Fruits, Oranges and Lemons, Butter, Eggs, Beans, Onions, etc GREEN VEGETABLES AND OYSTERS. 122 Monroe Street, Grand Rapids, Mich.

Spices make up the æsthetic of eating; Ceylon, Japan, and the East Indian Islands; made. the coasts of tropical countries are also productive of spices.

man system, if taken wisely and in modera- one in the transaction, for if he is at all tion; and certainly produce a flow of saliva, posted, he knows full well that he buys the of the gastric juice, and having exerted a pleasant action upon the nerves of the tea, etc., and at the regular price every time. tongue and palate, they communicate a certain warmth to the blood, and stimulate the a cellar door, with that gracefulness that system beneficially. The peculiar source accompanies youth, until his blissful career of the aroma is not always in the same part is blighted by coming in contact with the of the plant, but may be contained in the business end of a friendly tack or nail-next fruit, the leaves, the bark of the root, ac- to this, we repeat, there is nothing that

stimulating the digestive organs.

Allspice is the mild, West Indian or Ja maica pepper, also called pimento.

Nutmeg is the fruit of Eastern trees and shrubs, and exceedingly grateful to the pal- should run," and be quick about it, too. ate, in fact so exquisite and mild a flavor that it suits well with farinaceous substan-

some people, a greater favorite still. It suits pay to be so unanimous in giving away well for delicate stews.

becomes of a dark hue, when it has been to move them? arises in the mind of every dried in the sun.

in temperate and tropical climates. Its punderstands that some one has got to pay for gency is so great that when ground fine it the "gift." It may be that it costs the rehas to be mixed with starch to moderate it. tailer a trifle (?) more, and he argues to Mustard is a very useful and healthy condi-himself that the slight advance in price

indigenous to Mexico, Brazil, Peru, etc., and small margin. The same logic, with the cultivated in the West Indies. Gathered be- additional thought that he must keep up fore ripe, dried in the shade, and steeped in with the bandwagon, causes the jobber to the oil of the Cashew nut, this spice is the handle this class of goods. The reason most aromatic of all spices, and of exquisite | that rules the majestic head of the shrewd flavor as an essence.

it is a very valuable assistance to digestion doubt of sincerity on the part of some one. and can safely be given to children now and | It reaches the retailer and ends, of course. for the pipes, and when dried are ground into powder.

Of roots and bulbs, ginger is the most useful, either as a preservative or used whole in a dried state, or also ground into powder. cle and this gift, so I can't be beat very Both with ginger and cinnamon better re- badly, anyway." Consumers generally do sults are obtained by blending various grades than by putting it up perfectly pure.

Unfortunately our clumsy ways often spoil the mixtures by not preserving that delicacy of combination which alone can produce the true flavor it ought to possess. Curry is far more useful in food economy that we understand as yet, and deserves our best attention.

What Ruined Him.

From the Wall Street News.

One remarked that he had been ruined in dealer asks for them, and his doubts soon Wall street—another was busted in oil—a third was cleaned out on wheat, and so it went around to the old man, who slowly ot

Gentlemen, the quartermaster general of the army in 1863 busted me."

"How?" asked half a dozen voices.

"Well, I wanted to introduce cheese as a ration, and I brought such influences to bear that the quartermaster finally agreed to make a contract with me. I went to buying cheese, of course, and I didn't stop until I had invested every dollar I could raise, and bought to the limit of my credit. It was all nice, new cheese."

"Well?"

"He wouldn't take a pound of it." "Why?"

"Because he wanted old cheese, you see; he wanted something which could be driven right along with the army, and thus save the cost of transportation"

Frankfort is not correctly reported in the State Gazeteer. It has, according to the Express, 6 general stores; 8 groceries; 3 furniture establishments; 3 millinery stores; 4 shoe shops; 2 meat markets; 2 drug stores; 1 harness shop; 1 hardware store; 1 jewelry store; 1 bakery; 1 flouring mill; 5 Glass, Plain and Ornamental saw mills; 2 planing mills: 1 shingle mill; 5 blacksmith shops; 2 machine shops and founderies; 1 blast furnace with two stacks; photograph gållery; 1 barber shop; 3 hotels; 2 billard halls; 2 collecting agencies; 3 real estate agents; 6 painters; 4 physicians; 3 lawyers and 2 postoffices, one for Frankfort proper, and one for South Frankfort, which is across the lake.

> Northville has a sharp grocer. When an orange vendor sold his fruit at the rate of 15 for 25 cents he purchased about half the load, which he had secretly conveyed to the store, when he started to sell them 16 for 25 cents.

> A hundred different styles of spoon baits and hooks, lines and rods in endless variety. Call and see us. Calkins Bros.

THE GIFT SYSTEM.

It is one of the common sights of to-day, they are the finest and most exquisite pro- both in the city and country, to find the enducts of nature, for they contain the con- trance to places of business blockaded, the densed aroma of essential oils, produced by ceilings plastered, the floors painted, and the intense rays of the sun. Almost all the goods offered for sale labeled with some spices grow on islands, that in the East India glowing scheme whereby the merchant ex-Islands, Madagascar, the Mauritius, the Ban- presses an unconquerable desire to give du Islands, the Melincas, Sumutra, Java, away some valuable (?) gift with purchases

This is sarcastically called the "gift system." Funny, isn't it? Who gets the gift, Spices have a peculiar effect upon the hu- anyhow? The buyer cannot be the gifted (?) "gift" in order to get his pound of coffee,

Next to witnessing a small boy slide down cording to where the treasure has been de- looks so highly actistic to our vision, as to enter a store or place of business where the Of fruit none is more useful than pepper, proprietor has conspicuously placarded mostly grown in East India and Ceylon, and everything from a toothpick to the hinges throughout the East. When the berry of on the doors, the fact that he will give you this shrub is ground with its dark cuticle it -oh! most anything, even to his dear makes the black pepper; when it is ground mother-in-law, if you will only purchase a without it, it forms white pepper. Pepper pound of "the finest drawing tea," or "the is a most useful condiment, if used sparing- most delicious coffee ever sold in town," ly, and enhances the natural aroma of many and then to be further refreshed, when askfoods. It is a preventative of indigestion, ed the reason for such extravagance, to learn that "it's only to introduce the brand, you know."

The old saving that "he who runs may read" should, in this case, be "he who reads

This method of doing business, like many other unpleasant things, is contagious, and although the results are not, in every case Mace is the cuticle of nutmeg, and with serious, yet many prove fatal. It does not everything you have. The question: Does The clove is the flower-bud of a tree, and it pay to sell goods that require an emetic dealer. The dealer, if he knows anything 20 Lyon Street, GRAND RAPIDS, MICHIGAN. Mustard is a seed of a plant which grows at all of the article he is trying to sell, undoesn't amount to anything, and the increase Vanilla, the fruit of the vanilla plant, is in trade will more than make up for the manufacturer is apparent to all. Down Of the barks, cinnamon is esteemed most; through this entire line there prevails a then. The young shoots of the tree are used with the customer, who not only feels the same way, but excuses [himself on the ground that "even if the goods do not amount to much, I get the present, which is worth nearly what I paid for both the aviinot know how to judge of the qualities of baking powder, teas, etc., and have, as a Curry powder is the combination of many necessity, to depend in a great measure on spices, and has come to us from the East. the honesty of the retailer, and it does not make any difference who the boyer is or how good a talker the salesman, if the sale is made the customer goes away with an indescribable feeling which, in the end, results in his concluding that he has been beat in some unaccountable way. It's all a mystery to him, yet he feels almost as mean as if he had stolen the goods. He knows that honest goods are always salable, and

> As far as the dealer is concerned, the answer may be gained by a little practical observation among those who have succeeded in business. We do not find that A. T. Stewart made his money by giving away with each towel a ham sandwich, nor did Marshall Field induce his customers with presents of Turkish rugs and potato mashers, and we have yet to learn of the fact that Delmonico gave a piece of pie with each 15cent meal, as a starter to the present condition of that famous business. A close observer will fail to find in any case of real prosperity that success resulted from the use or sale of this class of goods. It may, at times, be a good plan to keep such goods in stock; yet we believe that an honest salesman, in a live store, can sell goods without the aid of inducements outside of the real worth of the article offered for sale, and give better satisfaction to the customer.

that they are worth just what the reputable

cery stock is sold on small margins; how

does the customer, who (generally speak

ing) also knows this fact, decide the ques-

Mississippi cane fishing poles \$4 per hundred at Calkins Bros. Good length and se

Successor to H. M. Bliven,

-WHOLESALE-

YSTERS AND CANNED GOODS.

Agent for Farren's Celebrated "F" Brand Raw Oysters. 117 MONROE STREET,

GRAND RAPIDS,

RINDGE, BERTSCH & CO.,

MANUFACTUREES AND JOBBERS OF

OTS & SHOES.

River Boots and Drive Shoes, Calf and Kip Shoes for Men and Boys, Kid, Goat and Calf Button and Lace Shoes for Ladies and Misses are our Specialties.

Our Goods are Specially Adapted for the Michigan Trade. 14 and 16 Pearl Street, Grand Rapids, Mich.

JENNINGS & SMITH

—PROPRIETORS OF THE—

MANUFACTURING COMPANY.

Jennings' Flavoring Extracts

Arctic Baking Powders, Arctic Bluing and Inks, Arctic Kid Dressing, Arctic Mucilage, Etc., Etc., Etc.

CLARK, JEWELL & CO.,

WHOLESALE

Groceries and Provisions,

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

GRAND RAPIDS.

MICHIGAN.

-I WOULD CALL THE ATTENTION OF MERCHANTS TO MY-

Spring Styles of Fine Hats, Spring Styles of Wool Hats, Spring Styles of Stiff Hats, Spring Styles of Soft Hats, Wool Hats \$4.50 to \$12 per Dozen, Fine Hats 13.50 to \$36 per Dozen, Straw Hats for Men, Straw Hats for Boys, Straw Hats for Ladies,

Straw Hats for Misses. resolve into one of the two questions, viz that the goods cannot be worth much, or Hammocks Sold by the Dozen at New York Prices!! that there is an enormous profit in them. It is a well-known fact that the general gro-

Clothing and Cent's Furnishing Coods, Cottonade Pants and Hosiery.

DUCK OVERALLS, THREE POCKETS, \$3.50 PER DOZEN AND UPWARDS. Call and get our prices and see how they will compare with those of firms in larger cities.

I. C. LEVI.

36, 38, 40 and 42 CANAL STREET, - - GRAND RAPIDS, MICHIGAN.

Choice Butter, Eggs, Cheese, Buckwheat Flour, Maple Syrup, Jellies, Foreign and Domestic Fruits and Vegetables, and Sand Refined Cider.

Careful Attention Paid to Filling Orders.

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

spects superior as a lubricator to No. 2 or No. 3 Castor Oil. The

OHIO OIL COMPANY

Is the only firm in the United States that has succeeded in making a combination of Vegetable and Mineral Oils, possessing the qualities of a Pure Castor Oil. It is rapidly coming into popular favor. We Solicit a Trial Order.

Hazeltine, Perkins & Co., Grand Rapids.

Groceries.

PENCIL PORTRAITS-NO. 8.

Joseph F. O. Reed, Better Known as "Joe." houses, was burned out in the recent fire, Joseph F. O. Reed is the son of a Baptist held a meeting here a day or two ago to declergyman, and was born March 31, 1848, in termine whether to build a store and go on the State of New York. His parents soon with the business or not. A majority were after moved to Zanesville, Ohio, where his in favor of so doing, but a determined minboyhood was passed in attendance at the ority opposed and at last withdrew, causing common schools, and where he remained un- the meeting to close in a disturbed manner. til 18 years of age, when, his father having Another meeting is to be held on the 11th. been called to the pastorate of the Second Some \$10,000 for rebuilding and restocking Baptist Church in this city, he came with have been pledged by stockholders, provided him, and in 1869 commenced as clerk for H. it is decided to go on with the business, but Leonard, then keeping a wholesale and re- the majority wish to secure pledges for \$6,tail crockery store at No. 31 Monroe street. 000 or \$8,000 more before they decide the In 1872 he succeeded Mr. Chas. H. Leonard question. The Allegan Grange store is supin representing this house on the road, and posed to have been the most successful one from that time dates his career as a com- in the United States, doing an immense mercial traveler, having made that calling trade, and the final action of the stockholdhis constant business, and having been en- ers is awaited with great interest. Its stock gaged with only one other house in the past and store, worth some \$50,000, and lost in 12 years. In 1874 he took a position with the fire, bore no insurance; and as the farm-Geo. W. Dillaway, wholesale crockery and ers are in poor financial shape from the unglassware, of Muscatine, Iowa, having parts prosperous season last year, difficulty is of Iowa and Missouri for his territory. found in securing the \$18,000 wished. Here he remained five years, keeping up, however, a correspondence and acquaintance with his old friends in Grand Rapids, and in 1879 he resumed his place with the same firm in this city, then doing business under the style of H. Leonard & Sons, where he still remains. His territory is the G. R. & I., north of Howard City, along the L. S. & M. S., D., G. H. & M., D., L. & N. and C. & W. M., south.

As the long experience in the same line, with only one change fully shows, Mr. Reed has made a success in his line of business, his sales having always been satisfactory, and his customers well selected; and he enjoys to a marked degree the confidence of his employers and the friendship of his customers. Perhaps no personal trait has served to make him more popular with the trade than his characteristic good nature, which never forsakes him, and which he invariably imparts to those around him, thus paving the way to favors which a more From the Merchants' Review. crabbed or persistent salesman would fail to

having attained the age of 36 years without bastard brand labelled "New Jersey Packsuccumbing to the charms of the fair sex. ing Co.," no name or address, and was After reading the above exposition of his probably "reprocessed swellheads," or goods business points, some young lady in his ter- that had been improperly sealed, fermented ritory ought to have the temerity to remind and rotted and been cooked, deodorized and him of the fact that this is leap year, and repacked. The only safe way is to buy bring him to the conclusion that it is not canned goods labeled with the name and wise to disregard the Biblical injunction to location of a well-known, honorable packer. the effect that "It is not good for man to live There is cheating in this trade as in all alone.'

Features of the Week.

An "off" granulated sugar has appeared in the market, and is being sold by some of the jobbers here. It is not easily distinguishable from the standard, although an old groceryman would probably detect the difference. It is finer in grain, and not so white as the genuine. It can be bought for nearly 1/c below standard, and any salesman offering a bargain in granulated should be made to guarantee it to be standard.

The roasted coffee men say that the prices on their goods must go up 1/2c, in order to equalize the difference between the cost of their product and green coffee. Unless the none of 'em any good; so I thought I would latter takes a downward turn, the advance will probably come within the next fort-

Oranges are in good supply and prices re- From the Merchants' Review. main about the same. Lemons are also plenty and as the weather remains cool, down to just this: Shall the imitations be prices remain steady and we do not look for sold as such or genuine? It is not a saninuch change for a few days to come. Prices are very low. Peanuts are steady. matter of bad diet but a matter of morals. Foreign nuts are steady, except almonds, which show a decline. Bananas are now some is, like itself, all bosh. It is the rasarriving and prices are about the same as cality of selling it at the price of genuine last season.

Pure Maple Syrup.

comparison with that of the dealer, is an facturing city. Recent statistics show that object of frequent commendation, but oc- the former has 18,000 factories that employ casionally an incident comes to light that 316,000 operatives and turn out an annual tends to show that merchants are not the product of \$780,000,000, while the latter has only class who take advantage of the credul- a considerably smaller number, and they ity of their patrons. The following, from employ only 222,000 operatives and yield an the Howard Record, is an instance of the annual product of only \$500,000,000. latter:

Quite a number of our citizens are enjoying some pure maple syrup manufactured by Jas. Male, paying him \$1 per gallon for it. Knapp & Walsworth, 60 pounds of F. O. Lord and 60 pounds of Ayers Bros. They did not get on the brown sugar racket until lepers. after the syrup was purchased. A few bets are offered that the syrup contains one-third maple, but they have not been taken.

One Man's Opinion.

"I do not look for higher prices on the staples in the grocery business for several months yet," said a local jobber, the other in-law."-R. F. Burdette. day. "It seems to me that it is idle to speculate upon the future, because there are so ing the course of events. The wise course for business men to pursue is to have faith the cultivation of pleasant trade relations. in better times and to anticipate their coming, but not to be caught in extending their business beyond a safe and proper limit. The men who will succeed the best next year will be those who work the hardest, and exercise the greatest care and caution in their business. Some risks must be taken, but they should not be wild ventures, or speculations of the Colonel Sellers type."

Smoke the celebrated Jerome Eddy Cigar, Loveridge, Grand Rapids, Mich.

The Allegan Grange Store. An Allegan correspondent writes:

The stockholders in the Grange store here. which, with many other of the business

He Took an Interest.

Two grocery drummers met at Muskegon the other day. "Hello, Johnny," said one of them, "I haven't seen you in an age. What are you doing now?"

"Oh. I'm in the same old line," responded McIntyre.

"With the same old house?" "Yes, the same old concern, but situated a little differently."

"How is that?"

"Well, I've got an interest." "Is that so? How long since?"

"Since the first of the month." "How?"

"Well, I was over to Chicago the other day to visit the house and the senior partner told me I had better take some interest in the business in future or clear out. So I took the interest."

Repacked Tomatoes.

It turns out now that the sickness in a Brooklyn family, if caused by the tomatoes secure Brooklyn family, if caused by the tomatoes In his private life, Mr. Reed is a bachelor, they had eaten, must have been due to a others, but it does not follow that all canned goods are unwholesome, any more than it follows that all coffee is dangerous and all tea drugged.

The Last Resort.

Customer-"Good morning. I want one of your five-centers."

Proprietor-"Here you are; best in the market; fine flavor. But you don't look well to-day."

Customer-No, awful bilious. Took day before yesterday a bottle of Turnem's Liver Regulator, yesterday a quart of Streaked Lightening Spring Water, and last night half a box of Grip's Clean-you-out Pills, but see if one of your five-centers wouldn't do the work for me."

The Long and Short of It.

The counterfeit butter question simmers tary question but a commercial one: not a The talk about butterine being unwholebutter that is unwholesome.

It is a fact not generally known that New The honesty of the average farmer, in York now leads Philadelphia as a manu-

A San Francisco physician notes a number of victims to that dread disease, leprosy, among Americans. The disease first reveal-What makes the syrup better is that the customers are aware that Mr. Male purchased men who smoked cigarettes. Inquiry ablast week 50 pounds of brown sugar of stracted the fact that these cigarettes were made by Chinese, many of whom were

"Be somebody on your own account, my son, and don't try to get along on the reputation of your ancestors. Nobody knows and nobody cares who Adam's grandfather was, and there is not a man living who can tell the name of Bringham Young's mother-

Success in the grocery business does not depend on location, but on successful buymany unseen influences constantly at work ing, the choice selections and satisfaction making and unmaking markets and influenc- afforded to one's customers both in the price and quality of their purchases, and in Quaker bbls.....

Looking intently around, he said: "Is there a Chicago drummer in this car?" A nice looking fellow spoke up from the rear.

Kerosene W. W.

do. Legal test
Sweet, 2 oz. square.
Sweet, 2 oz. round. nice looking fellow spoke up from the rear. "Here, I'm one. What is it?" "Bring your Castor, 2 oz. round..... corkscrew and come into the smoker."

Choice in barrels med..... A fine lithograph of the celebrated trot-A fine lithograph of the celebrated trotting stallion, Jerome Eddy, with every 500 of the Jerome Eddy cigars, for sale by Fox, Musselman & Loveridge, Grand Rapids.

The eggs imported into the United States

The eggs imported into the United States American qt. in Glass.

American qt. in Glass.

American qt. in Glass.

American qt. in Glass.

American qt. in Glass.

manufactured by Robbins & Ellicott, Buf- within the past year amounted to 1,000,000 falo, N. Y. For sale by Fox, Musselman & dozen. These eggs cost, in Germany, about 12c per dozen.

	+	
	WHOLESALE PRICE CURRENT.	DeLand's pure.
	Advanced. Raisins. Declined.	Churh's Taylor's G. M Cap Sheaf Dwight's Sea Foam
	Sugars %c lower. AXLE GREASE. Modoc % doz 60 Paragon % doz 60 Diamond	60 Pocket 28 Pocket 100 3 h pockets.
Commence of the Commence of th	BAKING POWDER. Arctic ½ Beans. \$\text{9} \text{ doz.} 45 Arctic ½ Beans. 1 40 Arctic 1 beans. 2 40 Arctic 5 beans. 12 00	Saginaw Fine Diamond C Standard Coarse Hemp Canary
	DITTING	Mixed Bird Kirk's American do. India
	Dry, No. 2. doz. 25 Dry, No. 3. doz. 45 Liquid, 4 oz, doz. 35 Liquid, 8 oz. doz. 65 Arctic 4 oz. # gross 4 00 Arctic 8 oz. 12 00 Arctic No. 1 pepper box 2 00 Arctic No. 2 " 3 00 Arctic No. 3 " 4 50	do. Savon do. Satinet . do. Revenue do. White Ru Goodrich's Engl do. Princ Proctor & Gamb
	BROOMS. No. 1 Carpet	do. do. do. do. do. do.
	CANNED GOODS. Apples, 3 b standards	Procter & Gamb Procter & Gamb Procter & Gamb Badger
	Apricots, Lusk's	XXX Borax Gowan & Stover Tip Top Ward's White L Handkerchief Sidall's
,	Corona C	Babbitt's Dish Rag Bluing Magnetic New French Pr Spoon
	Corn, 2 b Onandago 1 50 Damsons 1 20 Egg Plums, standards 1 60 Green Gages, standards 1 60 Lobsters, Stars 2 00 Lobsters Pienics 1 75	Anti-Washboard Vaterland Magie Pittsburgh Bogue's White castile ba
The state of the s	Mackerel in Tomato Sauce, 3 lb. 4 00 Oysters, 1 lb. standards. 1 10 Oysters, 1 lb. slack filled. 75 Oysters, 2 lb. standards. 1 85 Oysters, 2 lb. slack filled. 1 25 Peaches, all vellow standards. 2 10	Mottled castile. Old Style Old Country Ground Pepper,
	reaches, 5 to Extra Tellow Heath 00	Cinnamon
-	Peaches, white standards 1 90 Peaches, seconds 1 65 Pie Peaches 1 20 Pears, Bartlett 1 35 Peas, standard Marrofat 1 50 Peas, good Marrofat 1 35 Peas, soaked 65 Pineapples 1 60 Pine Apple, 2 th Sugar Loaf 2 50 Raspberries, Erie 1 50 Raspberries, other brands 1 20 Salmon, standard 1 60	Cayenne Pepper ¼ 1b % de Allspice ¼ 1b Cinnamon ¼ 1b Cloves ¼ 1b Pepper, whole. Allspice
	Asspectives, other brands 1 20	Cassia
	Strawberries, standards 1 10 Succotash, standards 1 05 Succotash, other brands 85 Succotash, 2 b B & M 1 75 Tomatoes, standards 1 00@1 05 Tomatoes, gal. Erie 3 25 Trout, 3 b brook 3 00	Muzzy Gloss 6 Muzzy Gloss bul Muzzy Corn 1 b Special prices Kingsford Silve Kingsford Silve
	Trout, 3 lb brook	Kingsford Corn Oswego Gloss Mirror Gloss.co Mirror Gloss.co Piel's Pearl Americad Starcl
The second secon	German sweet. @25 Baker's @40 Runkles @35 Vienna Sweet @25	1 th Gloss
-	Green Rio 12½@14½ Roasted Mex. 17½@19½ Green Java 17½@27½ Ground Rio 9½@17½ Greon Mocha. 25½@27½ Ground Mex	Banner, bulk Hovey's 1 th Sun Hovey's 3 th Sun Hovey's 6 th Sun One Mrs. Pott with each box or
	CORDAGE. 72 foot Jute 1 35 60 foot Cotton 1 75 60 foot Jute 1 15 50 foot Cotton 1 50 FLAVORING EXTRACTS.	Jugs † gallon Crocks Milk Crocks Rising Sun gros Universal
The same of the last of the la	Lemon. Jennings' 2 oz	IXL
The state of the s	Jennings' 2 oz.	Cut Loaf Cubes Powdered Conf. A. Standard A. Extra C. Fine C. Yellow
The second secon	" 4 oz	Corn, Barrels Corn, ½ bbls Corn, t0 gallon k
	" No. 4 Taper 3 00 " ½ pint round 7 50 " 1 pint round 15 00 " No. 8 4 25 " No. 10 6 00	Corn, 5 gallon & Corn, 4½ gallon Pure Sugar Dri Pure Sugar Dri Pure Sugar Dri Pure Maple Pure Maple Pure Maple Pure Loaf Sugar S
	FAUCETS. Faucets, self measuring	Japan ordinary
	Whole Cod 4½@6½ Boneless Cod 5½@7½@8½ Herring ½ bbls,100 b 2 75@3 00 Herring Scaled 28@30 Herring Holland @1 15 Bloaters @1 00 White No. 1 ½ bbls 8 00	Japan fair Japan fair to g'o Japan fine Japan dust TO
	Bloaters. ©1 00 White, No. 1, ½ bbls 800 White, Family, ½ bbls 400 White, Family, ½ bbls 110 White, No. 1, 10 fb kits 110 Whise, No. 1, 12 fb kits 125 Trout, No. 1, ½ bbls 475 Trout, No. 1, 12 fb kits 900 Mackerel, No. 1, ½ bbks 700 Mackerel, No. 1, 12 fb kits 115	Diamond Crown Red Bird Opera Queen Sweet Rose Green Back Fruit
	Trout, No. 1, 12 tb kits. 90 Mackerel, No. 1, ½ bbls. 700 Mackerel. No. 1, ½ bbls. 115 FRUITS. London Layers, new 275 Loose Muscatels Raisins, new 250@266	Fruit. O So Sweet Prairie Flower. Climber [light a Matchless Hiawatha Globe
	New Valencias Raisins	May Flower Hero Atlas Royal Game Silver Thread Seal
	Dried Apples	Kentucky Mule Ear. Peek-a-Boo. Peek-a-Boo, ½ l Clipper, Fox's. Clipper, Fox's, i Fountain. Old Congress. Good Luck. Good and Sweet
,	MATCHES. Richardson's No. 2 square 2 70 Richardson's No. 3 do 2 55 Richardson's No. 5 do 1 70 Richardson's No. 6 do 2 70 Richardson's No. 8 do 1 70 Richardson's No. 8 do 1 70 Richardson's No. 9 do 2 55 Richardson's No. 7 do 1 70 Richardson's No. 7 do 1 70 Richardson's No. 7 do 1 70 Richardson's No. 17 3 80 Richardson's No. 17 3 80 Richardson's No. 18 5 70 Grand Haven, No. 9 2 25 Grand Haven, No. 8 1 60 20 gross lots special price MOLASSES.	Hair Lifter
	Electric Parlor No. 18	Charm of the W Governor, in 2 o
	MOLASSES. Black Strap	Blg Drive Seal of Grand R Glory
	OATMEAL. 18 5 lb pkgs. @3 75 36 2 lb pkgs. @3 25 Imperial bbls. 5 75 Quaker bbls. 6 75	Silver Coin. Buster [Dark] Black Prince [L Black Racer [D Leggett & Myer Climax Hold Fast McAlpin's Gold
,	OIL. Kerosene W. W	Nickle Nuggets Cock of the Wal Black Spun Rol Nimrod

	The state of the s	
SALERATUS. @ 5½	Red Star @50 Shot Gun @48	CANDY, FRUITS AND NUTS.
	Duck @48 Jumbo @40 SMOKING.	Putnam & Brooks quote as follows: STICK.
	-Arthur's Choice	Straight, 25 h boxes @10 Twist, do @10½ Cut Loaf do @12
SALT.	Seal of Grand Radids @25 King @30 Flirt @28	MIXED.
	Pug	Royal, 25 th pails @10½ Royal, 200 th bbls 10 Extra, 25 th pails 11½ Extra, 200 th bbls 11
	Amber, ½ and 1 th	Cut loaf 25 th cases
SEEDS. 5½	Blackwell's Durham Long Cut @90	Broken, 25 fb pails
	Vanity Fair @90 Dime 24@25 Peerless 25	FANCY—IN 5 th BOXES. Lemon Drops
SOAP.	Standard 22 Old Tom 21	Sour Drops 15 Peppermint Drops 16 Chocolate Drops 17
61/4	Tom & Jerry 24 Joker 25 Traveler 35	H M Chocolate Drops 20 Gum Drops 12 Licorice Drops 20
$\begin{array}{cccc} & & & & 6 \\ t & & & 6 \\ 4 \\ ue & & & 5 \\ Russian & & 5 \\ 40 \end{array}$	Maiden	Licorice Drops. 20 A B Licorice Drops. 14 Lozenges, plain. 16 Lozenges, printed. 17
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Gold Block	Imperials
mble's Ivory	Oronoko. 19	Mottoes 16 Cream Bar 15 Molasses Bar 14
Golden Bar 4 20 Arab 3 45	Nigger Head 26 Durham, ½ b 60 do ½ b 57 do ½ b 55	Hand Made Creams. 20
Amber	do 1 fb 51	Plain Creams 20 Decorated Creams 23 String Rock 16
mble's Good Luck @3 25 mble's Wash Well @3 15	German	Rurnt Almonds
	National @26	Wintergreen Berries 16 Fancy—in Bulk. 14 Lozenges, plain in pails 14 Lozenges, plain in bbls 13
ver's New Process 3 fb br @ 21	Love's Dream @28 Conqueror @23 Fox's @22	Lozenges, printed in pails
	Grayling	Chocolate Drops, in pails 14 Gum Drops, in pails 8 Cum Drops, in pails 8
f	Dime Durham @25 Rob Roy @26 Uncle Sam @28	Chocolate Drops, in pails
	Lumberman	Sour Drops, in pails 12 Imperials, in pails 14 Imperials in bals 12
Process	Mountain Rose	FRUITS.
ard	Old Rip, long cut	Oranges \$\mathbb{B}\$ box. @4 00 Oranges OO \$\mathbb{B}\$ box. @4 50 Oranges, Imperials, \$\mathbb{B}\$ box. @4 50
	Two Nickle, \(\frac{1}{4}5 \). @25 Two Nickle, \(\frac{1}{8}8 \). @26 Star Durham. @25	Oranges, Valencia & case
bars	Golden Flake Cabinet	Lemons, fancy
	Seal of North Carolina, 4 oz. @50 Seal of North Carolina, 8 oz. @48 Seal of North Carolina, 16 oz boxes. @50	Balanas & Unifer 2 00@4 00 Malaga Grapes, & keg Malaga Grapes, & bbl Figs, layers & b 12@16 Figs, fancy do 18@20 Figs, baskets 40 b & b 14@15 Datos Fuils 14
er, in boxes and cans 16@22 nice 12@20	SHORTS.	
	Old Congress. 23 VINEGAR.	Dates, ¼ do do
	Pure Cider. 10 White Wine 10	Dates, ½ skin. @ 7½ Dates, Fard 10 tb box # tb. 10 @11 Dates, Fard 50 tb box # tb.
dozen	WASHING POWDERS. 1776 % b	Dates, Persian 50 b box # b
1b	Gillett's # 15	Firm.
	Boraxine 事 box. @3 75 Pearline 爭 box. @4 50 YEAST.	Choice do @ 8 Fancy do do @ 9 Choice White, Va.do 94/@10
.1	Seneca Falls "Rising Sun"	Fancy H P,. Va do1034@11
STARCH. Ib package@7	Gillett's 1 65 National 1 65 MISCELLANEOUS.	NUTS. Almonds, Terragona, ₩ b@19 Almonds, Ioaca, do@17□
6 th boxes	Blacking	Brazils, do
tb	Bath Brick imported 95 do American 75 Barley @3½	Filberts, Barcelona do Filberts, Sicily do
ver Gloss	Burners, No. 1	Walnuts, Grenobles do
rn	Bags, American A. 20 00 Beans, medium	Cocoa Nuts, \$\mathbb{B}\$ 100 @4 50 Hickory Nuts, large \$\mathbb{B}\$ bu
corn	Beans, hand picked 2 40 Butter 18@20 Butterine 18@21	Hickory Nuts. small do 1 25 PROVISIONS.
reh Co.'s 	Curry Combs	The Grand Rapids Packing & Provision Co
od boxos	Cheese full cream choice	quote as follows: PORK. Heavy Mess Pork
	Catsup quarts # dozen	Back Pork, short cut
unday Gloss	do No. 2	Clear Pork, A. Webster packer
unday Gloss, wood box. @8 otts' Polishing Irons given free or crate of Sunday Gloss Starch.	Evaporated Hulled Corn 50 tb cases @ 11 Extract Coffee, v. c 95 do Felix 1 30@	Extra Clear Pork 20 00 Extra B Clear Pork 20 00 Extra B Clear Pork 20 00 Clear Back Pork, new 21 00 Boston Clear Pork, extra quality 20 75
STONEWARE.	do in Sacks 550@	Boston Clear Pork, extra quality
STOVE POLISH.	Gum, Rubber 100 lumps @25 Gum, Rubber 200 lumps @40 Gum, Spruce 35@40	DRY SALT MEATS—IN BOXES.
ross5 88 Dixon's gross5 50 5 88 Above \$\psi\$ dozea 50 5 50	Horse Radish, pints@1 40	do. Half Cases 9% Long Clear medium, 500 fb Cases 9%
	Ink # 3 dozen box	Long Clears light, 500 to Cases 9%
81/8@81/4 81/6@81/4	do Glass Tumblers & doz.	do. Half Cases. 9% Short Clears, heavy. 10% do. medium. 10%
8 @ 8½ @7 ¼ 	Licorice Root@12 Lye \(\Phi \) 2 doz. cases	Extra Long Clear Backs, 600 fb cases. 10%
	Macaroni, Imported	Extra Short Clear Backs, 600 fb cases 10% Extra Long Clear Backs, 300 fb cases 10% Extra Short Clear Backs, 300 fb cases 11%
5¾@6 SYRUPS. @ 30	do Large Gothic 35@	Bellies, extra quality, 500 fb cases 10% Bellids, extra quality, 300 fb cases 10%
n kegs	Oil Tanks, Star 60 gallons	Bellies, extra qulaity, 200 fb cases 10%
kegs	Peas, Green Bush	Tierces 9 30 and 50 th Tubs 9 4
rips	Powder, Keg	LARD IN TIN PAILS. 20
	Sago 5@6 Shot, drop 1 90@	3 th Pails, 20 in a case
gar Drips½ bbl @ 95 igar5gal kegs @1 00	do buck	10 to Pails, 6 in a case
TEAS. ry26@30 Young Hyson25@50 32@35 Gun Powder35@50 g'd.35@37 Qolong33@55@60	Twine	Hams cured in sweet pickle medium. 14 do. light 14½ Shoulders cured in sweet pickle 9½
g'd.35@37 Oolong33@55@60 40@50 Congo @30 15@20	Flour Sifters # doz.	Dried Beef
TOBACCO—FINE CUT.	Wicking No. 1 & gross @40	Extra Dried Beef
	do Argand	Rolled Beef, for family use
	HARDWARE GOODS. Prevailing rates at Chicago are as follows:	CANNED BEEF. Libby, McNeil & Libby, 14 fb cans, ½ doz. in case
	Anvils—Peter Wright's, \$\mathbb{P}\$ b	do. 2 b cans, 1 doz. in case 3 20 Armour & Co., 14 b cans, ½ doz in case 20 50 do. 2 b cans, 1 doz. in case 3 20
	Extra	do. 2 ib cans, 1 doz. in case. 3 20 do. 2 ib Compr'd Ham, 1 doz. in case 4 50 SAUSAGE—FRESH AND SMOKED.
70 70 	No. 1 @20 No. 2 @18 No. 4	Pork Sausage
	4 do do 8½	Ham Sausage
1	$\frac{3}{4}$ do do $\frac{5}{2}$ $\frac{1}{2}$ do do $\frac{4}{2}$	Frankfort Sausage10
	34 do do 4% Files—Nicholson's best 40 per cent off. Forks—Hay and Manure 50 per cent off.	Bologna, ring
½ barrels	Hammers—Maydole's 10@15 per cent off.	Head Cheese
	Hinges—Strap and T 60 per cent off. Horse Shoes—Burden's \$4.00 per keg. Horse Nails—Au Sable 25 and 10 per	In quarter barrels
eet	cent. off. Iron—Flat Bar \$2 rates. Sheet No. 24 \$3.25.	In kits.
	Swede's bar 51/6c #2 fb.	In kits 90
West, dark	Lead—Pig # 15. 6 Sheet # 15. 714 Pine # 15. 6	Prices named are lowest at time of going to press, subject always to Market changes.
	Padlocks 30 per cent. off.	FRESH MEATS.
1 Rapids	Sista # ID	John Mohrhard quotes the trade as follows: Fresh Beef, sides
	Shot—Buck \$2.15. Drop \$1.80.	Fresh Beef, sides 7½@ 9½ Fresh Beef, hind quarters 9 @10½ Dressed Hogs 9 @ 9½ Mutton, carcasses 8 @ 9 Veol 9
[Dark] @36 [Dark] @36 ers' Star @50	Solder	Spring Chickens 16@17
	Spring \(\mathbb{P}\)	Fowls
old Shield	Zinc—Sheet # b	Bologna
Roll	COAL AND BUILDING MATERIALS. A. B. Knowlson quotes as follows:	OYSTERS AND FISH. F. J. Dettenthaler quotes as follows:
	Ohio White Lime, per bbl	OYSTERS. New York Counts, per can
	Akron Cement per bbl	Plain Selects
Roll	Car lots	Favorite F
styles	Stucco, per bbl	Selects, solid meats, per gallon
	Land plaster, car lots	Codfish FRESH FISH.
	Anthracite erg and grate \$6 50@6 75	Haddock
een Shield	Anthracite, egg and grate \$6 50@6 75 Anthracite, stove and nut 6 75@7 00 Cannell coal 7 00 Ohio coal 40@3 60	Herring 10 Mackinaw Trout 15 Whitefish 12½
e@48 @48	Blossburg or Cumberland 00@5 25	Whitefish
town of Am	there Maine et	Co sole agent

PICKLES.

H. LEONARD & SONS.

JOBBERS

CROCKERY, GLASSWARE SILVER WARE.

Headquarters for Akron Stone Butter Crocks, Jugs and Churns, by the Carload or from Stock.

English White Granite Ware, English Decorated Ware, Chandeliers and Library Lamps.

Carefully Note the Specialties Below, which We Quote for Your Benefit This Week:

Lamp Chimneys-Good Common.

The best selling five gallon can ever offered.

		•	Jarozona, attend		
SELECTED ENGLISH WHITE GRAD	NITE WAR	E.	ONE CRATE WHITE GRANITE	WARE.	Large Assortment Chas. Meakins' Cups and Saucers
Diamond X.			Knowles, Taylor & Knowles—Ca Diamond C.	ble Shape-	
Edward Clark's			6 doz Plates5 inch	50 3 00	SELECTED THIRDS.
	51	2 04	9 44 44 6 44	61 1 83	Teas, Unhand, per set27cts
4 doz Plates 5 inch	62	2 48	20 46 44 . 7 46	72 14 40	Teas, Ulliand, per set
4 doz Plates6 inch 1 doz Plates7 inch	73	8 03		87 2 61 72 2 16	Teas, Hand, " 33 Coffees, Unhand " 33 Coffees, Hand " 40
3 doz Plates8 inch	84	2 52	3 " Bakers	72 2 16 83 42	Coffees, Hand "40
1 doz Plates 7 inch, de	eep	73	5 Bakers	96 48	Sold in any quantities.
6 doz Fruit Saucers4 inch		2 10 2 70	72 " " " 7 " 14 " " 8 "	1 32 66	D . W
6 sets Handled Teas		6 48	1 " Bowls	1 93 48	Best White Granite Cups and Saucers.
18 sets Unhandled Teas		08	1 " Bowls	69 83	
2 only Dishes 8 inch	09	18	1 "Bowls	1 02	J. W. Pankhurst & Co., per set35ct
2 only Dishes 3 Inch	11	33		3 85 96	These are equal to any made and are worth
2 only Dighes 10 HCH	17 23	51 69	0 4 Indire'l 4 91/4 "	22 44	40cts.
2 only Dishes II IllCli	28	84	" Cov'd Chambers No. 9 " Uncov'd " " " Cake Plates	5 63 2 82	Barrel Assorted Glass Table Sets.
2 only Dishes	08	32	1 " Uncov'd " . " "	3 85	A Victoria Sata non set
4 only Bakers 5 inch 4 only Bakers 6 inch	09	36	4 "Cake Plates	3 85 96 75 38	4 Victoria Sets, per set
	11	44	" Restaurant Creams " Cup Plates	30 90	
4 only Bakers 8 inch	17	68		4 68 1 17	Barrel, 35cts.
6 only Scollons Hen	08 10	60	17 8	5 25 1 31	
6 only Scollons b Inch	11	66	2 " Dishes	66 1 32	
6 only Scollops	17	1 02	1/ " " 9	1 38 46 2 00 67	
2 only Covered Dishes. 7 inch	39	78	13 " "	2 61 87	Geta to dozon \$3.0
2 only Covered Dishes. 8 inch	45	90	1-6 " Ewers and Basins. No 9	9 00 1 50	Pitchers 1/2 gallon 3 0
1 only Sauce Boat		15 22	1-6 " Ewers and Basins, No 9 ' Barrell MugsNo. 36	77 38	Colories
9 only Dickles	11 in 24	1 36	5 " Fruit Saucers 4 inch	35 1 75	Develo Winch and covers
4 only Cov'd Butters and Dr'ns 5	30	60	o "Scollons 21/6"	60 1 20	Bowls, 8 " " 30
2 only TeapotsNo. 24 6 only SugarsNo. 24	25	1 50	17 46 46 5 4.	83 41 1 05	Bowls, 9 " no " 3 6
6 only Sugars	12	72	1 " "	1 38	Comports, 4 Inch
3 only BowlsNo. 24	09	27	1	1 93 96	
	08	48 36	½ " Jugs, No. 36		Solvers 3 0
Ronly Rowls	06 34	1 36	1/ " " 30	1 00 . 00	Nappies, 4 inch
4 only lines	23	1 36	12 . " " 12	2 90 73	Package at cost
Ronly Ings NO. 12	13		1-6 " " 6	4 40 73 1 65 83	
4 only Jugs	11	44	1/2 " Shell Pickles		dillipp o
g only Turge NO. 00	10	60	14 "Sugars, No. 30		
4 prs Ewers and Basing No. 9	71	2 84	6 sets Unhandled Coffees,	50 3 00	½ gal. per doz
4 prs Ewers and Basing No. 9 6 Covered ChambersNo. 9	45	2 70	36 " Teas	30 12 90	
6 Soap Slabs	07	42	12 " Handled "	47 5 61	
6 Mugs	0.	2 50	Crate	2 50	No a New wire lift for lighting, per doz 8

TICKINGS.

GLAZED CAMBRICS.

GRAIN BAGS.

DENIMS.

PAPER CAMBRICS.

SPOOL COTTON.

MILLINERY GOODS.

BLACK CRAPE.

Samuel Courtland & Co.'s brand.

4.....

WIGANS.

ient onas. meakins oups and Saucers.	No charge for box.
d, per set27cts	No. 0 Sun # box
and "33	No. 2 do3 00 Best Common.
d "40 quantities.	Fach Chimney Labeled First Quality
Thite Granite Cups and Saucers.	No. 0 Sun
urst & Co., per set35cts equal to any made and are worth	Ten per cent. off above prices, when ten boxes of any styles of chimneys are ordered.
Assorted Glass Table Sets.	We have nearly every style manufactured.
ets, per set	The Engraved Globe Chimney. Dithridge Flint Glass. Crimped Top only 75cts per dozen. Former price \$1.25 per dozen.
Figured "Horseshoe" Pattern. n	Vienna White Shades. To fit illuminator bases. Packed Six dozen in case
h, and covers	Illuminator Bases.
inch	Seven inch, to fit any burner, \$1 per dozen. 5 dozen in barrel. Sold for \$1.25 everywhere.
inch	LAMP BURNERS.
GLASS OIL CANS.	No 0 Any style per doz. 90 No 1 do do 1 00 No 2 do do 1 50
"Daisy." No charge for box.	
doz3 50	"GOOD ENOUGH" OIL CANS.

You Can Save Money and freight by Buying Goods Goods.

Chandeliers---For Store Use

Complete with Seven Inch Illuminator Base and White Shade.

 No. 1600, two light, each
 \$1 60

 No. 500, two light, each
 1 75

 No. 543, two light, each
 2 00

 No. 544, two light, each
 2 50

 No. 518, three light, each
 4 75

 No. 595, three light with pat. extension
 7 80

Catalogue sent on application. Write for prices on Library Lamps and Brackets.

Figlish Decorated Ware is now one of our-leading lines, but want of space forbids our giving it the proper attention in this paper. We have in stock to-day over three hundred fancy Chamber Sets which we can sell from \$1.75 per set upward-over one hundred different patterns of tea and dinner ware-many of which we carry in open stock-which we offer at from \$3 for Tea | TUBULAR LANTERNS. | No. 1, 5 gal. | Wards. | Sets, and \$12 for complete Dinner Sets up-

SILVERWARE.

In this line our stock is always large, and we should be pleased to send our full illustrated Catalogue on application.

REDUCED PRICES.

On Rogers Bros.' 1847 Genuine Goods.

Treble Plated Medium Knives ₩ doz	\$3	00
Tipped Tea Spoons, A1		
Tipped Table Spoons, A1		
Newport Tea Spoons, XII	2	75
Newport Table Spoons, XII	5	50

Nickel and Silver Plate on Steel.

These are especially reccommended for durability, and we guarantee them to wear from one to five years.

Fruit Knives, in case	 	#3	d	lo	Z	\$1	75
Alpine Tea Spoons	 					1	00
Alpine Tea Spoons	 					2	00
Alpine Medium Forks	 					2	00
Sultan Tea Spoons	 						75
Sultan Table Spoons	 					1	50
Sultan Medium Forks							

This advertisement appears but a short time. Mail orders receive careful attention.

Atlantic A, 44. 714 Lawrence XX, 4-4. Atlantic D, 4-4. 614 Atlantic P, 4-4. 514 Atlantic P, 4-4. 515 Adriatic, 36. 714 Pequot A, 4-4. Adriatic, 36. 714 Pequot A, 4-4. Adriatic, 36. 715 Poidmont, 36 Boott M, 4-4. 714 Boott FF, 4-4. 734 Tremont CC, 4-4. Indian Head, 4-4. 714 Indian Head, 4-4. 715 Indian Head, Dry Goods. Spring & Company quote as IJ. ws: WIDE BROWN COTTONS. Androscoggin, 9-4. 23 Pepperell, 10-4. 25 Androscoggin, 8-4. 21 Pepperell, 11-4. 27½ Pepperell, 7-4. 16½ Pequot, 7-4. 18 Pepperell, 8-4. 20 Pequot, 8-4. 21 Pepperell, 9-4. 22½ Pequot, 9-4. 24 CHECKS. Caledonia, XX, oz. 11 Caledonia, X, oz. 10 Economy, oz. 10 Park Mills, No. 50. 10 Park Mills, No. 50. 11 Park Mills, No. 60. 11 Park Mills, No. 70. 12 Park Mills, No. 80. 13 Park Mills, No. 80. 13 Park Mills, No. 80. 14 Park Mills, No. 70. 12 Park Mills, No. 80. 13 OSNABURG, Alabama brown. 7 Jewell briwn 94 Kentucky brown 194 Lewiston brown 94 Lane brown. 94 Louisiana plaid. 8 New Tenn. plaid. 7 Utility plaid. 6 Utility plaid. 6 BLEACHED COTTONS. Avondale, 36. 8½ Greene, G, 44. 5½ Art cambrics, 36. 11½ Hill, 44. 8½ Androscoggin, 44. 8½ Hill, 7-8. 7½ Androscoggin, 5-4. 12½ Hope, 44. 7½ Ballou, 4-4. 7½ Ballou, 5-4. 6 Boott, O, 44. 8½ Boott, E, 5-5. 7 Boott, R, 3-4. 5½ Boott, R, 3-4. 5½ Blackstone, AA 44. 7½ Cabot, 7-8. 6½ Cabot, 7 BLEACHED COTTONS. Garner 5 Empire Hookset 5 Washington Red Cross 5 Edwards Forest Grove S. S. & Sons American A......19 Old Ironsides..... Stark A......23½ Wheatland Boston 7½ Otis CC Everett blue 14½ Warren AXA Everett brown 14½ Warren BB Otis AXA 12½ Warren CC Otis BB 11½ York fancy CORSET JEANS. Armory 7½ Kearsage 8½ Androscoggin sat 8¼ Naumkeag satteen 8½ Canoe River 6 Pepperell bleached 8½ Clarendon 6¼ Pepperell sat 9½ Hallowell 1mp 6¾ Rockport 7½ Ind. Orch. 1mp 6½ Lawrence sat 8½ Laconia 7½ Conegosat 7 PRINTS. Brooks 50 Clark's O. N. F 55 J. & P. Coats 55 Willimantic 6 cord 55 Willimantic 6 cord 40 Charleston ball sew ing thread 30 Brooks 61 Mills ball sewing Greeh & Daniels 61 Merricks 62 Stafford 61 Hall & Manning 61 Holyoke 61 Albion, solid... Albion, grey... Allen's checks... Ailen's pink... Allen's purple... American, fancy... Arnold fancy... Berlin solid... Cocheco fancy... Cocheco fancy... Conestoga fancy... Eddystone... 51/2 Oriental fancy... 6 Oriental robes.... 5½ Pacific robes..... Richmond...... Steel River..... Simpson's Washington fancy. Washington blues..8 | Blackburn | 0 | Victory D | Davol | 14 | London | 12 | Victory K | Paconia | 12 | Pheenix A | Pheenix A | Social Imperial | 16 | Pheenix XX | | FINE BROWN COTTONS. J. J. Van Leuven quotes as follows: Cantons per doz 2 25@ Milans 4 00@ Fine Milans 9 00@ Superfine Milans 15 00@ Chip 5 00@

WIDE BLEACHED COTTONS.

MIDE BLEACHED COTTONS.

Androscoggin, 7-4..21 | Pepperell. 10-4....27½ | No. 5... |
Pepperell., 7-4....20 | Pequot., 7-4....21 | Pequot., 8-4....24 | No. 12... |
Pepperell., 8-4....25 | Pequot., 9-4.....24 | No. 12... |
Pepperell., 9-4....25 | Pequot., 9-4.....27½ | No. 16.

1	CARPETS AND CARPETINGS.	MISCELLANEOUS.
. 81/4	Spring & Company quote as follows: TAPESTRY BRUSSELS.	Advertisements of 25 words or less inserted in this column at the rate of 25 cents per week, each and every insertion. One cent for each
. 5% . 7¼ . 6½	Roxbury tapestry. @ 90 Smith's 10 wire. @ 90 Smith's extra. @ 85 70 70	additional word. Advance payment.
· 8 · 7 · 7¾	Smith's B Palisade 65 Smith's C Palisade 65 Higgins' ** 82½	FOR SALE.
. 5%	Smith's extra. 6 Smith's B Palisade. 6 Smith's C Palisade. 6 Higgins' **. 6 Higgins' *** 70 Sanford's extra. 82½ Sanford's comets. 65	FOR SALE-A stock of drugs, groceries, hardware and agricultural implements, located at New Troy, Mich. Will invoice \$3,500.
634	THREE-PLYS. @1 00	loss of health the reason for selling. Terms easy, or will exchange for a good stock farm.
.181/2	Georgia Geor	Address Jennings & Smith, Grand Rapids, Mich. 36 ACRE FRUIT FARM to exchange for
11½	EXTRA SUPERS.	36 ACRE FRUIT FARM to exchange for livery or drug store, 2½ miles west of Holland. Fine, large house, nearly new, large barn, best hen house in the county, 1,000 bearing fruit trees, 500 apple trees, one acre strawberries, grapes and all kinds of fruit. C. Crawford Mich.
12	Lowell. 6 271/2 Other makes 75 6 711/2 Rest cotton chain 60 60 621/2	ing fruit trees, 500 apple trees, one acre straw- berries, grapes and all kinds of fruit. C. Craw- ford, Caledonia, Mich.
141/2	ALL WOOL SUPERFINES. Best 2-ply	DRUG STORE FOR SALE in Grand Rapids, for \$2,500 or invoice. Owner has other
13	All-wool super 2-ply 50 @ 55	Wholesale Druggists, Grand Rapids, Mich.
16 24 27	Double cotton chain	RARE CHANCE to purchase a first-class Livery Stock including one of Cunning-ham's best hearses. Will take as part payment
24 27 22 25 V 11½	Heavy Cotton and wool, 2-ply 27½@ 32½ Half d'I chain, cotton & wool, 2-ply 27½@ 32½ Single cotton chain	good improved farm property. Will sell or rent barn and grounds. The best location in the best livery town in the State. Address, P. O. Box 318, Big Rapids, Mich.
V.12 12	B, 44 wide	O. Box 318, Big Rapids, Mich.
y. 8	OIL CLOTHS.	SITUATIONS WANTED.
434	No. 2, do	A S TYPEWRITER OR COPYIST, by a young lady well qualified for such a position, both by education and experience. Address,
5	Best all rattan, plain	XXX, care Miss Sila Hibbard, 35 First street, Grand Rapids.
151/2	Napier B	AS PORTER OR ASSISTANT in the ware- house of some business house, by a young man of 27, strong, active, and willing to work.
	Opaque shades, 38 inch	man of 27, strong, active, and willing to work. Address A. M., Care "The Tradesman," Grand Rapids.
$10\frac{1}{4}$ $12\frac{1}{2}$ $11\frac{1}{2}$	Hartshorn's fixtures, per gross @36 Cord fixtures, per gross @10	MISCELLANEOUS.
10½	HIDES, PELTS AND FURS. Perkins & Hess quote as follows:	GOOD SECOMD-HAND SAFE wanted at this office. Must be cheap. Address, stating
6	Green # 10 6 @ 7½	size and price.
	Part cured	50 CHROMO CARDS 10 cts. Address W. D. Hollister, Grand Rapids, Mich.
8	Deacon skins. P piece20 @50 SHEEP PELTS. Shearlings or Summer skins # piece. 10 @20	LUMBER, LATH AND SHINGLES.
ix	Shearlings of Summer Skins & Piece. 10	The Newaygo Company quote f. o. b. cars as follow:
g.30 25 40	Fine washed # b	Uppers, 1¼, 1½ and 2 inch
35	Unwashed FURS. 60@ 75	100000000000000000000000000000000000000
	Mink, small 25@ 44 Muskrat, Spring 15@ 15 Muskrat, Winter 13@ 14 Muskrat, Fall 8@ 16 Muskrat, Fall 3@ 4	Fine, Common, 1¼, 1½ and 2 inch
8 10½ 9½ 16	Muskrat, Fall 8@ 10 Muskrat, kits 3@ 4 Raccoon 40@ 86	No. 1 Stocks, 10 in., 12, 14 and 16 feet 15 00 No. 1 Stocks, 10 in., 18 feet 16 00
16 6 7 10 1214	Skunk narrow stripe 25@ 30	No. 1 Stocks, 10 in., 20 feet
10 $12\frac{1}{4}$ $9\frac{1}{2}$	Red Fox. 100@1 16	No. 2 Stocks, 12 in., 12, 14 and 16 feet 13 00
9½ 10½ 15	6 00008 00	No. 2 Stocks, 12 in., 20 feet
	Bear. 5 00@12 00 Deer skins, red and blue, dry. 3 b 25@ 30 Deer skins, gray and long haired. 12@ Beaver, clean and dry 3 b. 200@3 22 Beaver, clean and dry 3 b. 200@3 22	No. 2 Stocks, 10 in., 20 feet
	Above prices are for prime chine	Coarse Common of Shipping Cuits, an
@ 3 00 @ 6 00 @12 00	Tallow 6@ 69	A and B Strips, 4 or 6 in
@18 00 @12 00		No. 1 Fencing, all lengths 15 0 No. 2 Fencing, 12, 14 and 18 feet 12 0 No. 2 Fencing, 16 feet 12 0
00 "		No. 1 Fencing, 4 inch 15 0 No. 2 Fencing, 4 inch 12 0 Norway C and better, 4 or 6 inch 20 0
0@ 78 85@1 2 60@2 0	illioew aitemilanu	Bevel Siding, 6 inch, A and B

FOR SALE—A stock of drugs, groceries, hardware and agricultural implements, located at New Troy, Mich. Will invoice \$3,500. Loss of health the reason for selling. Terms easy, or will exchange for a good stock farm. Address Jennings & Smith, Grand Rapids, Mich. ACRE FRUIT FARM to exchange for livery or drug store, 2½ miles west of Holland. Fine, large house, nearly new, large barn, best hen house in the county, 1,000 bearn, ng fruit trees, 500 apple trees, one acre straw-perries, grapes and all kinds of fruit. C. Craw-ford, Caledonia, Mich. DRUG STORE FOR SALE in Grand Rapids, for \$2,500 or invoice. Owner has other business. Address Hazeltine, Perkins & Co., Wholesale Druggists, Grand Rapids, Mich. RARE CHANCE to purchase a first-class Livery Stock including one of Cunningham's best hearses. Will take as part payment good improved farm property. Will sell or rent barn and grounds. The best location in the best livery town in the State. Address, P. O. Box 318, Big Rapids, Mich. SITUATIONS WANTED. A STYPEWRITER OR COPYIST, by a young lady well qualified for such a position, AS PORTER OR ASSISTANT in the ware-house of some business house, by a young man of 27, strong, active, and willing to work. Address A. M., Care "The Tradesman," Grand Rapids. MISCELLANEOUS. GOOD SECOMD-HAND SAFE wanted at this office. Must be cheap. Address, stating size and price. 50 CHROMO CARDS 10 cts. Address W. D. Hollister, Grand Rapids, Mich. LUMBER, LATH AND SHINGLES. The Newaygo Company quote f. o. b. cars as Uppers, 1 inch. per M \$44 00 Uppers, 1½, 1½ and 2 inch. 46 00 Selects, 1 inch. 35 00 Selects, 1½, 1½ and 2 inch. 38 00 Fine Common, 1 inch. 30 00 Shop, 1 inch. 20 00 New Common, 1½, 1½ and 2 inch. 32 00 A and B Strips, 4 or 6 in C Strips, 4 or 6 inch No. 1 Fencing, all lengths. No. 2 Fencing, 12, 14 and 18 feet. No. 2 Fencing, 16 feet. No. 1 Fencing, 4 inch. No. 2 Fencing, 4 inch. No. 2 Fencing, 4 inch. 15 00 No. 2 Fencing, 4 inch. 15 00 No. 2 Fencing, 4 inch. 12 00 Norway C and better, 4 or 6 inch. 20 00 Bevel Siding, 6 inch, A and B. 18 00 Bevel Siding, 6 inch, C. 14 50 Bevel Siding, 6 inch, C. 20 00 Piece Stuff, 2x4 to 2x12, 12 to 16ft. inl 50@12 00 Piece Stuff, 2x4 to 2x12, 12 to 16ft. inl 50@12 00 Pressed Flooring, 6 in. A. B. 36 00 Dressed Flooring, 6 in. No. 1 common. 17 00 Dressed Flooring, 6 in. No. 2 common. 14 00 Beaded Ceiling, 6 in. \$1 00 additinal. Dressed Flooring, 4 in., A. B and Clear 35 00 Dressed Flooring, 4 in., A. B and Clear 35 00 Dressed Flooring, 4 in., No. 1 common 16 00 Dressed Flooring, 4 in., No. 2 common 14 00 Beaded Ceiling, 4 inch, \$1 00 additional. XXXX 18 in. Standard Shingles 3 50 XXXX 18 in. Standard Shingles 2 00 No. 2 or 6 in. C. B 18 in. Shingles 2 00 No. 2 or 6 in. C. B 18 in. Shingles 2 00 No. 2 or 6 in. C. B 18 in. Shingles 2 00 No. 2 or 6 in. C. B 18 in. Shingles 2 00 No. 2 or 6 in. C. B 16 in. 2 00 No. 2 or 6 in. C. B 16 in. 2 00 No. 2 or 6 in. C. B 16 in. 3 100 No. 2 or 6 in. C. B 16 in. 3 100 No. 2 or 6 in. C. B 16 in. 3 100 No. 2 or 6 in. C. B 18 in. Shingles 3 00 No. 2 or 6 in. C. B 18 in. Shingles 3 00 No. 2 or 6 in. C. B 16 in. 3 100 No. 2 or 6 in. C. B 18 in. Shingles 3 00 No. 2 or 6 in. C. B 16 in. 3 100 No. 2 or 6 in. C. B

FOR SALE.

The following retail dealers have visited

J. M. Ried, Gattan. Geo. Carrington, Trent.

John D. Merritt, Olive Center. N. De Vries, Jamestown. L. Young, Coopersville. J. Marlatt, Berlin.

Barker & Lehnen, Pierson. J. DeHart, Canada Corners.

F. Sears & Co., Rockford.

Hop, I memilian	00 00	R. Carryle, Rockford.
ine, Common, 114, 11/2 and 2 inch	32 00	J. W. Closterhouse, Jennisonville.
o. 1 Stocks, 12 in., 12, 14 and 16 feet	15 00	
o. 1 Stocks, 12 in., 18 feet	16 00	C. E. Clark, Lowell.
o. 1 Stocks, 12 in., 20 feet	17 00	W. S. Clark, of W. S. Clark & Co.,
o. 1 Stocks, 10 in., 12, 14 and 16 feet	15 00	ton.
o. 1 Stocks, 10 in., 18 feet	16 00	Richard Purdy, Fremont.
o. 1 Stocks, 10 in., 20 feet	17 00	
o. 1 Stocks, 8 in., 12, 14 and 16 feet	15 00	Chas. Cole, of Cole Bros., Ada.
o. 1 Stocks, 8 in., 18 feet	16 00	C. W. Armstrong, Bowen's Mills.
To. 1 Stocks, 8 in., 20 feet	17 00	Mr. Gibbs, of Gibbs Bros., Mayfield
o. 2 Stocks, 12 in., 12, 14 and 16 feet	13 00	
o. 2 Stocks, 12 in., 18 feet	14 00	M. B Nash, Sparta.
o. 2 Stocks, 12 in., 20 feet	15 00	Walter Struik, Forest Grove.
o. 2 Stocks, 10 in., 12, 14 and 16 feet	13 00	Spooner Bros., Cedar Springs.
o. 2 Stocks, 10 in., 18 feet	14 00	T. W. Provin, Cedar Springs.
Io. 2 Stocks, 10 in., 20 feet	15 00	
lo. 2 Stocks, 8 in., 12, 14 and 16 feet	12 00	C. E. Kellogg, Grandville.
To. 2 Stocks, 8 in., 18 feet	13 00	E. T. Fisher, Paris.
Io. 2 Stocks, 8 in., 20 feet	14 09	
coarse Common or shipping culls, all		The trade of the Boralumine Co.
widths and lengths	9 00	
and B Strips, 4 or 6 in	35 00	creasing very rapidly showing that the

H, CLUFF.

70 Grand Rapids, Mich. Town and county 10 rights for sale.

VISITING BUYERS.

the market during the past week and placed

orders with the various houses: Geo. W. Warren, Big Rapids. Jacob Liebler, Caledonia. Gringhaus Bros., Lamont. J. R. Harrison, Sparta. G. P. Stark, Cascade.

A. & L. M. Wolf, Hudsonville. G. Davis, of Odell & Davis, McLain.

H. Freeman, Mancelona.

R. B. McCullock, Berlin. M. M. Ross, Wayland. R. Purdy, Fremont Center. Powers & Hightower, Ferry.

Geo. A. Sage, Rockford. J. G. Lamoreaux, Fennville. J. E. Rice, Coopersville. W. G. Watson & Son, Coopersville. N. Bouma, Fisher. Heck & Goodman, Burnip's Corners. Geo. S. Curtiss, Edgerton.

K. G. Beckwith, Hopkins. J. B. Crandall & Son, Sand Lake. Wm. Parks, Alpine. Nelson Daniels, Mecosta. C. Brisbin, Berlin,

O. Green, Martin. A. Giddings, Sand Lake. J. Gunstra, Lamont. F. O. Caldwell, of A. G. Chase & Son,

A. Chapin, Morley. Mr. Andreus, of Paton & Andreus, Shelby.

J. C. Benbow, Cannonsburg. C. E. Blakeley, Coopersville. Fred Hotchkiss, Hastings. Fisher & Mastenbrook, Lamont. B. McNeal, Byron Center. Mr. Hastings, of Purdy & Hastings, Sparta J. B. Watson, Coopersville. John Otis, Mancelona. Waite Bros., Hudsonville. C. H. Adams, Lamont,

Walling Bros., Lamont. B. N. Pettingill, Rockford. M. Wells, of Wagner & Wells, Eastman ville.
R. Carlyle, Rockford.

ark. Lowell. ark, of W. S. Clark & Co., Hol-Purdy, Fremont. ole, of Cole Bros., Ada.

de of the Boralumine Co. is invery rapidly showing that the mer-15 00 its of the article are appreciated. Send for samples and prices.

Apples-Stock light, and market not very well supplied. Baldwins and Russets readily command \$4@\$4.50, and extra fancy find frequent sale at \$5. Barley-Scarcer and firmer. Best quality

now readily commands \$1.35 \$\frac{1}{2}\$ 100 fbs. Beets-Choice find ready sale at \$3 % bbl. and \$1 \ bu. Butter-Good dairy rolls are firm at 22@

25e and packed from 10c up. Elgin creamery, 25.

Butterine—Active at 18@20c for choice.

Buckwheat—Scarcely any moving, on account of close of the season. New York patent \$3.25 \$\frac{100}{200}\$ fbs and \$6 \$\frac{100}{200}\$ bbl.

Beans—Handpicked are a trifle duller at \$2.25 and unpicked are not much moving at \$1.75@\$2. The market is not looking up to any considerable degree.

Barley—Choice \$1.30 \$\mathbb{H}\$ 100 lbs.

Cheese—Full cream is active and fiamer at 14½ @15c, and choice skim is weaker at 121/2@13c. Lower grades run down as low

at 7½@8c.
Cider—20c # gal. for ordinary. Sand refined, \$6.50 # bbl.
Clover Seed—Choice medium weaker at \$6

@\$6.50 ₱ bu. and mammoth in fair demand at \$6.75 ₱ bu.
Corn—Local dealers stand in readiness to

supply carload lots of Kansas corn at from 45@60c ₩ bu. It is all of the same quality, but the former price is for damp, and the latter for dry, stock.

Dried Apples—Quarters active at 7@9c pt, and sliced 8@9c. Evaporated dull and slow at 13@14c. Eggs-Rather on a downward tendency,

although they will probably hold up to present prices until after Easter. The supply is fair, and sales are made at 16c. Green Onions—45@50c ♥ dozen bunches.

Honey—In comb, 18c \$\mathbb{H}\$ lb.

Hops—The Michigan crop is almost completely exhausted. Good command 20@

22c, and fair 15@18c \$\mathref{B}\$ lb.
Lettuce—Hothouse stock selling readily, with good demand, at 22c 7 tb.

Maple Sugar-In consequence of a light erop, the price is up 1c, and is searce at that price. Choice readily commands 13c. Onions-Firmer. Choice yellow 75c bu. in sacks and \$2.50 \$\ bbl.

Pieplant-Hothouse stock in fair demand at 121/2 P 1b.

Potatoes—As much a drug as ever. Burbanks are sold in small quantities at 40c, and Rose at 30@35c.

Peas—Holland \$4 \$\P\$ bu.
Parsnips—Firm at \$3 \$\P\$ bbl and \$1 \$\P\$ bu.
Poultry—Chickens and fowls are firm, and readily command 16@17c and 15@16c,

respectively. There are no ducks and gee in market, and a few turkeys, which find ready sale at 16c.

Radishes—50c P dozen bunches. Ruta Bagas—Selling readily at 65c \$\mathbb{P}\$ bu., and \$2 ₱ bbl.
Seed Potatoes –White Star, \$1; Selected

Burbanks, 50c. Timothy—Choice is firmly held at \$1.50@

Vegetable Oysters-50e 7 dozen bunches.

Try the celebrated Jerome Eddys. The finest 10 cent cigar in the market. For sale by Fox, Musselman & Loveridge.

Calkins Bros, can supply dealers with

fishing tackle at bottom prices. The best finish for walls is Boralumine.

Notice of Sale.

satin, enclosed in eggs of transparent glass, with movable top. Those who desire it can have sherry and egg before setting down to table.

Complete assortment of fishing tackle at Calkins Bros., 97 Ottawa street.

Boralumine is unexcelled by any other wall finish on the market.

NOTICE IS HEREBY GIVEN that sealed bids will be received for the entire assets of the estate of D. R. Stocum, of Rockford, Michigan, until the 15th day of April, 1884. Full information can be obtained by an examination of the schedules in the County Clerk's office and from the undersigned at the store in Rockford. Two hundred dollars must be deposited as an evidence of good faith, and it will be returned at once if the bid is not accepted. The right is reserved to reject any or all bids.

Rockford, March 29, 1884.

NEAL MCMILLAN, Assignee.

JAY GOULD'S INCOME.

No Less Than \$12,888 a Day or About \$9 a Minute.

Jay Gould, the second richest man of the that you can pay twenty-five cents on the United States, is credited with being the dollar." possessor of wealth estimated all the way from \$50,000,000 to \$75,000,000. The former the tailor. sum is very nearly correct. Were his railroad stocks worth their par value he would be an hundred-millionaire. Just before starting on his yachting trip to the Spanish main he carefully inventoried his property, placed his affairs in good shape and added a codicil to

In round numbers the permanent investment stock appearing on Mr. Gould's schedule were 380,000 shares of Western Union Telegraph, 110,000 shares of Missouri Pacific, 140,000 shares of Wabash common, and 60,000 shares of the preferred, 50,000 shares of Kansas and Texas, 40,000 shares of Texas Pacific, and 70,000 shares of Erie. There were a large number of small lots of various stocks apparently only incidentally held.

Besides his railroad shares Mr. Gould holds five and one-half millions of Wabash general bonds. The value of these securities in \$49,495,000. Western Union and rack. Missouri Pacific pay dividends; the other stocks do not. The bonds also bear interest. Between them they yield him \$4,140,000 a year. His interest in the Union Trust Co. and his loans are profitable to him. The World building, nominally owned by the check. Western Union Co., was built with his money. In real estate, loans and mortgages he has \$5,000,000 and \$3,000,000 more in floating investments. His two residences represent another \$1,000,000 and his yacht \$300,-000. His wealth, as near as he can figure it, is \$58,795,413, and his income \$4,640,011. Thus his fortune earns him \$12,888.88 every day and \$8.95 each minute.

The Importance of Stock Taking. From Guyer's American Merchant.

We have known of cases where a mer chant would postpone from time to time, and almost indefinitely, the taking of an inventory, probably from the fear that the revelations made by that proceeding would be anything but pleasant. This is a pitiable kind of moral weakness, and those unfortunate enough to possess it should by a resolute effort sternly overcome it.

The importance of the creation and maintenance of a rigid system for every business cannot be overestimated, and there is no than the taking, at regular intervals, of a careful account of stock. If a dealer has any reason to fear that there is something wrong with his business, he should lose no time in locating the cause, in order that he may the more quickly apply the remedy. Certainly nothing can be more suicidal than to drift along with only a that he did not die of natural causes. vague idea of the exact extent and condition of the stock carried, yet instances of such a shipshod method of doing business are far with being the seat of a butterine factory. more common than might be supposed. Many businessmen drift through life in this nately, the statement has no foundation in careless fashion, without knowing wheth- fact. er they are making any substantial p gr

or not, and at last suddenly realize that their available means are slowly but surely steam engine of the walking-beam pattern, dwindling when they supposed that they built of laces, ribbons and light goods. were steadily making moderate gains.

If a man takes an inventory of his busifinancial condition at all times. Unless he is made the victim of some fraud or decepetion on the part of associates or employes it cannot well be otherwise. Another advantage in taking account of stock is that it necessitates a frequent thorough overhauling of the latter. Not infrequently it happens that certain lines of goods accumulate faster than the merchant is aware. Sometimes also quantities of goods, especially small wares, get mislaid or stowed stock-taking occurs. Without the regular inventory they might have been undiscovered for months or years, making so much additional dead stock to carry, while when placed in their proper department they would quickly be disposed of in the regular course of business.

which would save time, annoyance, loss and having erected a warehouse for that purinjury of goods, add greatly to the proper pose. execution of labor, and expedite the transaction of business in every department, are commended to every business man. First, hereafter it will be known as Wilcox Bros. a place for everything, and everything in its place; second, a proper time for everything and everything done in its time; third, a distinct name for everything and everything called by its name; fourth, a certain use for everything, and everything put to its use.

Messrs Libby, McNeil & Libby, the Chicago canners, commenced business April 1, 1868, and the first year they did not employ more than five men, the total sales of product amounting to only \$60,000. Their business has constantly increased, and they factory. now pack 200,500 cattle in a year; their sales of canned product in one year reached the enormous aggregate of \$3,138,386.09. They now employ 1,539 men. Since they Incorporated Dec. 10, 1877—Charter in Force for Thirty Years. commenced business, fifteen years ago, they have packed 1,161,387 cattle. Since 1875 when they commenced packing beef in cans, they have put up 31,396,942 cans, or a total of 113,855,507 pounds of cooked meats.

Calkins Bros., wholesale and retail dealers in gun goods and fishing tackle. Agents for gun and blasting powder, fuse, etc.

investigation showed that his liabilities were \$4,000 and his assets \$1,000. "It appears," said one of the creditors,

"Vhell, I doan' figure like dot," replied

"How do you figure?" only allow for one-fourth?"

"Vhell, I prings der oder money down from der house."

He was not permitted to fail.

Patents Issued to Michigan Inventors. The following patents have lately been is sued to Michigan inventors:

Mary Bartlett, Detroit, clothes line pole. Theo. Burdick, Kalamazoo, mattress sup-

Wm. Campbell, Detroit, tire tightener. Alfred Freschl, Detroit, application of fabrics to a background. Jonathan Harris, Grand Ledge, curtain

roller fixture. Wm. H. Lintz, Constantine, hay and grain

Thos. McDonough, Benton, fire escape.

Charlie E. Mark, Flint, car coupling. Chas. H. Parschall, Detroit, lubricator,

Frank G. Sears, East Saginaw, door John S. Smith, Jackson, feeder for tile and

also a crank pin oiler.

sewer pipe machines. Robert Stevenson, Muskegon, fire escape.

Thos. S. Tew, Big Rapids, locomotive.

A Novel Swindle.

A swindler has recently been extensively operating in Chicago, Detroit and elsewhere, and has secured a large sum. His plan of operation is novel. He would ascertain in what bank a merchant had a deposit, and would then represent himself as a United States secret service agent, and state that hearing the cashier of the merchant's bank was circulating counterfeit money, he desired to obtain evidence against him. So he would request the merchant to draw a sum of money in notes and silver as evidence. This done he would select several bills of the largest denomination, and, pronouncing them counterfeit, give the merchant a bogus receipt for the amount. In Chicago he gave his name as John T. Smith, in Detroit as De-Forest. He is of dark complexion, five feet point that should be more closely looked to ten feet high, weighs 190 pounds, and is supposed to come from New York.

> Some people seem to think that every barrel of pork should have tacked to the head a clean bill of health of the deceased inside—the attending physician's certificate and finding of a coroner's jury to the fact

> The Detroit Times credits Grand Rapids This is an unexpected honor; but unfortu-

The window of a Jackson dry goods store is made attractive by a complete model of a

Elk Rapids claims to have seventy tons of ness at regular and frequent intervals he is freight to ship a day, which a railroad would GRAND RAPIDS, pretty sure to be well informed as to his increase to 100 tons, and consequently is very indifferent about offering a bonus.

> Aaron Dickerhoof, formerly in general trade at Adamsville, Cass county, has removed to Mottville, St. Joseph county, and engaged in the same business.

William Verhocks has sold his interest in the general store of John W. Verhocks & Co., at Grand Haven. The firm name will H. LEONARD & SONS, remain the same as before.

"I beg a thousand pardons for coming so away out of the owner's sight and knowl- late." "My dear sir," replied the lady, HAND OR MACHINE MADE POTS FOR edge, only to come to light again when graciously, "no pardons are needed. You can never come too late."

> At a charity fair in Peoria was hung up the motto, "Remember the Poor," and some wag wrote under it on the wall, "It Costs You Nothing."

A. J. Provin & Co., of Cedar Springs, Four simple rules, the observance of will add a line of agricultural implements,

> The old firm of Thompson & Barnes, Quincy, has sold out his grocery stock, and

> John Dildine succeeds Isaac Gibson & Son, dealers in dry goods and groceries at West Campbell.

> Sliter & Lovejoy succeed B. V. Hartupee in the furniture business at Cedar Springs. The largest flax oil mill in the world is

> being erected at Sioux City, Iowa. J. M. Wells, for thirty years a groceryman

at Niles, is dead. East Jordan expects to get a large stave BLUINGS, ETC.

MICHIGAN COMMERCIAL TRAVELERS' ASSOCIA'N.

LIST OF OFFICERS: President—RANSOM W. HAWLEY, of Detroit. Vice-Presidents—Chas. E. SNEDEKER, Detroit; L. W. ATKINS, Grand Rapids; I. N. ALEXAN-DER, Lansing; U. S. LORD, Kalamazoo; H. E. MEEKER, Bay City. Secretary and Treasurer—W. N. MEREDITH, Detroit.

MEEKER, Day Choy.

Secretary and Treasurer—W. N. MEREDITH,
Detroit.

Board of Trustees, For One Year—J. C. PonTIUS, Chairman, S. A. MUNGER, H. K. WHITE
For Two Years—D. MORRIS, A. W. CULVER.

A merchant clothier in a town about the size of Big Rapids failed a few years ago and called a meeting of his creditors. An investigation showed that his liabilities were

WHOLESALE DRUGGISTS.

"Why, I pays feefty cents on der dollar." 42 and 44 Ottawa St., and 89, 91, 93 and 95 Louis St., Grand Rapids, Mich.

IMPORTERS AND JOBBERS OF

drugs, Medicines, Chemicals, Paints, Oils, Varnishes, Glassware,

And Druggists' Sundries. Also Manufacturers of

Fine Pharmaceutical & Chemical Preparations.

U. FEETER,

36 South Division Street, Grand Rapids, Mich.

All Kinds of Country Produce

STAPLE AND FANCY GROCERIES. CANNED AND DRIED FRUITS.

EGGS AND BUTTER

A Specialty. Pays Cash on Receipt of Property.

Buyers of Eggs by the Crate or Barrel will be supplied at the lowest Wholesale Price with Sound, Fresh Stock. This House does not handle Oleomargarine, Butterine or

Telephone Connection.

ALBERT COYE & SONS,

Awnings, Tents,

Horse, Wagon and Stack Covers, Flags, Banners, Etc.

All Ducks and Stripes Kept Constantly on Hand. 73 Canal Street.

Send for Prices

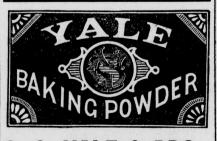
GRAND RAPIDS

MANUFACTURED FOR

GRAND RAPIDS, MICH.

SALE BY THE PACKAGE OR RE-PACKED TO ORDER.

Sold at Manufacturers' Prices. Send for Price List at once for the Spring Trade.

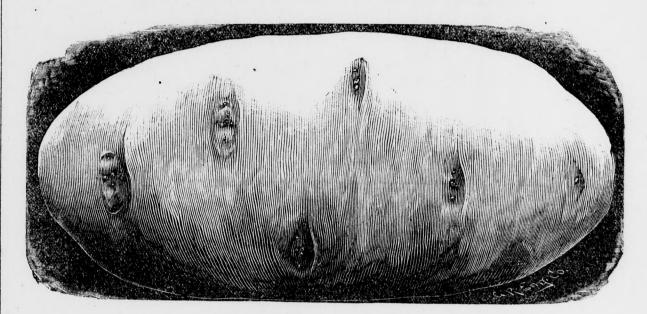


FLAVORING EXTRACTS

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



THE "WHITE STAR"



POTATO.

To Gardeners and Farmers.

About two years ago, Mr. Marshall Buchanan, Postmaster at Ensley, Newaygo County, Michigan, sent to D. M. Ferry & Co., the well known seed firm of Detroit, for one-half bushel of the celebrated White Star potatoes, for seed purposes. The potatoes were procured, and planted by the undersigned, and the result was one gratifying beyond measure. The second planting yielded 7,000 bushels of as fine potatoes, for size, color and quality, as were ever seen in the State. They were pronounced by all who tried them of the very finest

YIELDING FAR BETTER THAN ANY OTHER VARIETY KNOWN

to this section of the country, never troubled with blight, and very seldom showing a bug of any sort. Such is the universal testimony as to the merits of the White Star Potato, all agreeing that they have never met its equal for endurance, productiveness, and fine eating qualities. All farmers and gardners are interested in these facts, and all who have seen the White Star Potato, and tested it, are united in its praise, and others will find it to their profit to make inquiries.

We are now making a sbecialty of handling this splendid potato, and are prepared to supply patrons at a price which, a reference to all seed catalogues and the regular price lists, will show to be a great reduction from the ruling prices. We make this liberal offer to

We will furnish the White Star Potatoes at the rate of \$1.00 per bushel, and will allow a liberal discount to dealers. We will also we will furnish the white star rotatoes at the rate of \$1.00 per bushel, and will allow a liberal discount to dealers. We will also furnish, at cost prices, all barrels sacks or bags, or patrons may send their own, adressed to Ensley & Son, Maple Hill, Mich. Orders may be sent to either Ensley & Son, Ensley Postoflice, Mich., or to O. W. Blain, General Agent, Grand Rapids, Mich. All addresses should be written out plainly, to prevent mistakes. Patrons should also furnish us with their names and postoflice addresses, and state to what railroad station they wish to have their shipments made. Orders will be filled promptly, and must be accompanied by the money, New York draft, money order, or registered letter.

Readers are cordially invited to refer to Marshall Buchanan, Postmaster at Ensley, Mich; C. J. Burtch, Postmaster, and N. W. Mhther, Banker, Howard City, Mich., for the truth of all of the above statements regarding the superior quality and extraordinary yield of the White Star Potatoes. We warrant these potatoes, all that has been represented, and true to name.

B. ENSLEY & SON, Growers, Ensley Postoffice, Newaygo County, Michigan.

FOR FULL PARTICULARS AND TERMS TO DEALERS, ADDRESS

O. W. BLAIN, General Agent,

PRODUCE COMMISSION MERCHANT, Eagle Hotel or 152 Fulton Street, GRAND RAPIDS, MICHIGAN.

C. P. BIGELOW, -WHOLESALE DEALER IN-

APPLIANCES,

NO. 8 CANAL STREET,

GRAND RAPIDS,

43 and 45 Kent Street.

A. K. ALLEN, Proprietor. WE DO ONLY FIRST-CLASS WORK AND USE NO

Orders by Mail and Express promptly at-

At Manufacturers' Prices.

SAMPLES TO THE TRADE ONLY.

House and Store Shades Made to Order. 68 Monroe Street, Grand Rapids.

NELSON BROS. & CO.

PERKINS & HESS,

Hides, Furs, Wool & Tallow.

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