The Michigan Tradesman.

VOL. 2.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, APRIL 29, 1885.

NO. 84.

Special Attention given to Collections in City or Country. Also

FIRE, LIFE & ACCIDENT Ínsurance,

Total Assets represented, \$3,516,808. CORRESPONDENCE SOLICITED. TOWER & CHAPLIN,

General Collectors, 16 Houseman Block - Grand Rapids

Parties having potatoes in car load lots can find a quick sale for them by writing us.

71 Canal St.,

GRAND RAPIDS.

Oil. Magic

For Sale by F. Brundage & Co., Muskegon: Hazeltine, Perkins & Co., Grand Rapids; H Walsh & Son, Holland. Manufactured by N. G. VANDERLINDE, Muskegon.

Manufacturers of

Fine Perfumes,

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

ALSO PROPRIETORS OF

KEMINK'S

"Red Bark Bitters"

---AND---

The Oriole Manufacturing Co.

78 West Bridge Street,

GRAND RAPIDS, - MICHIGAN.

RETAILERS

If you are selling goods to make a profit, sell

WASHING POWDER

This Washing Powder pays the Retailer a larger profit than any in the Market, and is put upoin handsome and attractive packages with picture cards with each case. We guarantee it to be the best Washing Powder made and solicit a trial order. See prices in

Hartford Chemical Co. **HAWKINS & PERRY**

STATE AGENTS,

GRAND RAPIDS, - MICHIGAN.

Grand Haven, Mich.

Manufacturers of the following brands of Ci-

Great Scott, Demolai No. 5, Eldorado, Doncella, Avery's Choice, Etc., Etc.

Manufactured Tobacco.

Manufacturers of the Following Popular Brands of Flour: 'CRESCENT,"

"WHITE ROSE,"

"MORNING GLORY,"

"ROYAL PATENT," and "ALL WHEAT," Flour.

DESIGNERS AND

Engravers on Wood,

Fine Mechanical and Furniture Work, Including Buildings, Etc.,

49 Lyon St., Opposite Arcade,

GRAND RAPIDS

We carry a full line of Seeds of every variety, both for field and garden. Parties in want will do

> GRAND RAPIDS GRAIN AND SEED CO. 71 CANAL STREET.

PETER DORAN. Attorney-at-Law,

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

B. DIKEMAN,

-THE-

JEWELER,

44 CANAL STREET.

MICHIGAN. GRAND RAPIDS,

HORSE AND WAGON COVERS. WHOLESALE DEALERS IN

Oiled Clothing, Ducks, Stripes, Etc. State Agents for the Watertown Hammock Support. SEND FOR PRICES.

73 Canal Street, - Grand Rapids, Mich.

SHRIVER, WEATHERLY & CO.,

Grand Rapids, Mich.,

WHOLESALE AND RETAIL

IRON PIPE. Brass Goods, Iron and Brass Fittings,

Mantels, Grates, Gas Fixtures, Plumbers, Steam Fitters,

-And Manufacturers of-Galvanized Iron Cornice.

MCALPIN'S

Is the most Delicious Chew on the Market.

SOLD BY ALL JOBBERS.

DRYDEN & PALMER'S ROCK CANDY.

John Caulfield, Sole Agent for Grand Rapids. CALICO PRINTING.

How the Dyeing, Steaming and Finishing are Done.

From the Boston Journal of Commerce. For the gratification of such as are not acquainted with calico printing processes, we would state that there are several different styles of work, each requiring different methods of manipulation. There are five different styles of dyeing, viz.: madder style, resist style, the padding style, discharge style, China-blue style, and the steam colors. These several styles will be taken up in their regular order.

Madder fills a very important place in the first preparation of cloth for printing after being bleached. No two colors or patterns take the same amount of madder, but that is the groundwork of body, although other ingredients have to be added, such as oak bark ground with sumac, etc., which takes the color of pink. Madder comprises very largely the component part, with oak bark and sumac, but when the pure color of chocolate is wanted, madder as an ingredient is superseded by other bodies; oak bark is increased in weight to the number of pieces very materially to what it was in pink. Now, for pink, sixteen pieces take thirty-six pounds of madder, ten pounds of ground oak bark, and five of sumac.

Madder, to which the best chintz belong, in which the mordant is applied to the white cloth with many precautions, is a foreign substance only. Two places are resorted to for it. In Turkey a very good grade of madder is procured, but the best is taken out of the mines in the south of France, and is of the finest quality. This is a vegetable substance, and when dried is composed of fine particles and forms in the earth the same as coal. The madder style, called by some dip colors, to which true chintz colors belong, have from five to seven colors, several of which are ground in after the first dve has been given in the bath tub of madder. In dyeing with madder, sumac, fustic, or quercitron, is sometimes added to the bath in order to produce a variety of tints with the various mordants at one operation.

Suppose we wish to produce figures containing red, purple and black; the three mordants may be applied at once by the three-color cylinder machine, putting into the first trough acetate of alumina, thickened into the second acetate of iron, and into the third a mixture of the two, then drying in the air a few days to fix the iron, then dunging and dyeing in a bath of madder and sumac. If it be wished to procure the finest madder reds and pinks besides the purple and black, acetate of alumina of two densities must only be applied, first by two cylinders, then dryed, dunged, and dyed in a middle bath. The mordant of iron liquor for the black, and of iron liquor mixed with the aluminas for the purple, must be now grounded in by blacks, taking care to insert these mordants in their proper places on those proportions of the cloth on which the mordant is applied for the chintz pattern. The coloring matter attaches itself in a durable manner, but on the more unmordanted portions the color is feebly attached, so that it may be wholly removed by washing, bran and water, or in a delicate solution of

chloride of lime. The object of the resist style of dyeing is produce a white or colored design on a colored ground, topical application in the first place of a substance called resist paste, which has the property of preventing the attachment of color, when the whole surface of the cloth is afterward impregnated with a dyeing material. One class of resists, consisting of substances of an unctuous nature, acts merely mechanically and chemically. The latter kind are divisible into two subdivisions according as their influence is exerted on the mordant or in the coloring matter itself. Resists of an unctuous nature are chiefly used for silk and woolen goods, but may be also advantageously apcotton, as in the combination of such a style lime alone. of work as madder and steam colors. In an early stage of the process, after having been printed, dyed and cleared, the red and lilac figures are covered with a resist consisting usually of a mixture of suet and gum water. well be performed at one operation, as the red lilac mordants are not at all injured by ly on the account of the expense. the fat resist with which they are covered.

The material generally used for preventing lar parts of the cloth is an acid of acidulous afterward it is attached to the tissues almost ter, and not decomposible into an insoluble attainable by any other process. The system subsalt during the hanging of the mordanted of steam prints, instead of dyeing, has very goods previous to dunging and dyeing. The much increased of late years, so that at the aluminous mordants is lemon juice or lime This has reference to the common style of ash. When a piece of cotton cloth is print- have been printed. Some grades or styles first roller of a two-color machine, and with lay the ground work, after that the figure is

view of producing a white figure on a col- twenty minutes to half an hour is consumed, ored ground; it is commonly mixed with red but that depends on the color, when they liquor as the deposition of the insoluble sul- are removed and another is subjected to the phate of alumina from that preparation is same process. These prints, when steamed, surrounded by purple or lilac. The padding style is one in which the

be first printed with one of the two saline solutions, and be afterward uniformly im- cloth from all foreign substance. pregnated with the other. To obtain a ground of a mineral color, one or both soluchine. Any mordant whatever, such as the Mineral coloring matters are adapted naturally to the production of designs on a white or colored ground, but also to form a ground for the reception of a design in other colors. To impart the color to the entire surface of successfully by the padding machine, with the two solutions necessary to produce the the solutions and afterward winched in the in each piece. other. To produce a design in a mineral coloring matter on a white or colored ground, the cloth is usually first printed with one of the solutions and then either padded or winched in the other. Chrome yellow, or vellow and orange, are produced by two chromates of lead, chrome yellow and chrome orange. To impart a ground of chrome yellow the cloth should be padded with a solution of two pounds of acetate of lead in a gallon of water containing a little size, then dried, passed first through a weak solution of carbonate of soda, and afterward through a solution of bichromate of potash, then dried.

The manner of producing a white or colored pattern on a colored ground, by the topical operation of a discharger to a cloth already mordanted or dyed, is applicable to both mineral and vegetable coloring matters. dise of Heaven.—Rutledge. Like the resist paste, the discharger may act either on the coloring matter itself or on the mordant before the cloth is exposed to a Henry Taylor. dyeing liquid. Discharges for mordants are generally acid mixtures quite similar to reing materials are obtained from different classes of chemical substances according to Shenstone. the nature of the coloring matter to be removed. The essential property required in a discharger is that of converting the sub- Johnson. stances on the cloth into colorless products which may be removed from the cloth application of a coloring material to the parts discharged. The materials used as dischargers for

vegetable coloring principles are chlorine either in soap and water in a mixture of and chromic acids. To effect the topical peare. discharge of a vegetable coloring matter by means of chlorine, with the production of a white figure, the dyed cloth is printed on these parts, which are to be discharged, with a thickened acid mixture, the composition of which is varied according to the fastness of the color to be destroyed. The chemical reactions which take place in this Bovee. process are by no means complicated. Chloride of lime does not of itself bleach Turkey red and some other fast colors immediately, so that a cloth dyed with such colors may remain for some minutes in contact with a solution of chloride of lime without any deterioration in color. Almost the only colors to which chlorine can be thus applied as a discharger are Turkey red and other madder colors and indigo, as the more delicate

The style of calico printing by which the Poe. China blue tints are produced is an interesting modification of the topical style, These tints are distinguished by having blue fig-In this style of work the madder might as of color, associated with white. This style of printing is not carried on very extensive-

Before the printed cloth is exposed to steam the coloring may in general be easily the decomposition of a mordant on particu- removed by washing with pure water, but salt, capable of uniting with the base of the as strongly as any other style of printing, mordant to form a compound soluble in wa- presenting a brilliancy and delicacy hardly resist commonly employed for the iron and present time only a few colors are dyed. juice, or a mixture of one of these with tar- print goods. This process of steaming is taric and oxalic acid, and bisulphate of pot- for the purpose of raising the colors that ed, with a solution of salts of tin, by the have to be printed twice; the first time is to iron liquor by the second roller over the printed on the ground work. The way that parts printed by the first roller, such a mix- many of our printing establishments steam ture as the above is of course burned wher- their prints is to hang them on racks resting ever the salt of tin has been applied, and no on an iron frame, when that being on trucks subacetate of iron is deposited there during is run into large cylinders, when the door is the ageing. The protochloride of tin, how- closed tight and a certain pressure of steam

ever, is never applied in this way with a is brought to bear on the prints. From not interfered with by the protochloride. are found to be rich and beautiful colors. After a piece of cloth thus printed has been These are all fast colors, made so by passing ing man to an acquaintance as he leaned aged, dunged, dyed in the madder bath, and through certain chemical solutions, setting cleared, it therefore presents a red figure the color permanently. Some receive more attention than others. It depends entirely upon the color required to be raised in adwhole surface of the calico is imbued with a dition to the steaming, and when this is mordant upon which, afterward, different done the cloth passes through a receptacle colored figures may be raised by the topical of boiling fluid containing whatever color is application of other mordants joined to the required, and from that it is run through action of the dye bath. To produce a figure sets of rollers resting in vats of soap and in a mineral coloring material, the cloth may water, and from that to rolls resting in clear water: this is to thoroughly cleanse the

All steamed as well as maddder-dyed prints, in finnishing pass through a process tions may be applied by the padding ma- of bluing and starching, when they are run over and under a set of cylinders full of acetates of alumina of iron or their mixture, hot steam, when they are dried. After that may be applied to the piece by the padding they are run through the dampening, where machine, after which it is dried in the hot a fine spray of water is thrown onto the flue, washed, dyed, washed and brightened. prints by a revolution of a brush that runs believe he'd had any genuine molasses in so rapidly that it is dampened just right for his store for years. I never buy any honey the winding and folding machines in the finishing and packing room. These goods are put in presses where they receive a heavy pressure, leaving them in shape for the marthe cloth, the latter may be impregnated ket. Each package receives a nicely engraved stamp of a lithograph style and beautiful in design. Usually the name of the color, or the cloth may be padded in one of firm is on the stamp, stating number of yards

Money in Literature.

Money is a handmaiden if thou knowest to use it: a mistress, if thou knowest not .-Horace.

The value of a dollar is to buy just things; a dollar goes on increasing in value with all ufactured article. the genius and all the virtue of the world. A dollar in a university is worth more than law-abiding community than in some sink of crime.—Emerson.

till they come nearly to the end of it, and others do just the same with their time.-

and makes it pass current for the merchancontempt of money does not run very deep.

It happens a little unlucky that the persists or mordants, but discharges for color- of money are the same that have the strong- Candy is adulterated with various subest appetites for the pleasures it procures.

> Men are seldom more innocently employ- tionable. ed than when they are making money .-

Whoever has sixpence is sovereign over all men-to the extent of the sixpence; comso as not to interfere with the subsequent mands cooks to feed him, philosophers to teach him, kings to mount guard over himto the extent of sixpence.—Carlyle.

He that wants money, means and content, is without three good friends.-Shakes-

head, but not in his heart.—Swift.

Put not your trust in money, but put your noney in trust.—Holmes. Money is only thus far a standard of value: that which it can measure is per-

ishable, that which it cannot is immortal.— Covetous men need money least, yet most affect it; and prodigals who need it most, do

east regard it.—Theodore Parker. Money and time are the heaviest burdens of life, and the unhappiest of all mortals are instance, being one. those who have more of either than they know how to use .- Johnson.

The Romans worshipped their standard, and the Roman standard happened to be an wrecked constitutions," concluded the grumeagle. Our standard is only one-tenth of an bler, as he finished his toothpick sauntered plied in particular circumstances to goods of colors are easily discharged by chloride of eagle—a dollar—but we make all even by out, wearing an expression of enmity to all adoring it with a ten-fold devotion.—E. A. the world.

> To cure us of our immoderate love of gain we should seriously consider how many goods there are that money will not purures, usually of two or three different depths chase, and these the best; and how many evils there are that money will not remedy, and these the worst.—Colton.

A Close Friend.

"Who is that across the street?" "Oh, that is a very close friend of mine." "Indeed?"

"Yes. Never lends a cent."

Dogwood is used for the handles of light tools and agricultural implements, cogs of mill wheels, shuttles, and similar purposes.

A correspondent of an English paper, having asked when to cut oak timber, was very properly informed that the best time was when the market was not overstocked with oak timber.

The wood of the phillyrea, is, perhaps next to box, the best for wood engraving. It has been used for the purpose with entire success, with the advantage that blocks of large size can be had of it without joining. It works as well as box; and for hardness and durability in printing, seems to be but little inferior.

WAIL OF A DYSPEPTIC.

Wholesale Adulteration of Food the Cause of Dyspepsia.

From the Chicago News.

"Oh. I'm used up with the dyspepsia," declared a sour-visaged, discontented lookagainst a bar chewing a nutritious toothpick. "I'm only one of thousands," he added with a heavy sigh, "who have been made dyspeptic in America by the adulterations of food. No use to talk climate or cookery to me. It is the adulteration of food that creates dyspepsia. Why, bless you, the American cooking is on the average the best in the world, but it is almost impossible to get anything pure to cook.

"Alum is mixed with yeast powder, baking powders are adulterated with chalk and sugar, sirup and honey are extensively doctored. The first three are adulterated with glucose, which is manufactured by treating starch or woody fiber with sulphuric acid. It is never advertised—glucose isn't—I can tell you, and it isn't easy to find. A large dealer told me the other day that he didn't unless I get it from an intimate friend. Milk is weakened with water and colored with a prepartion made in the east. It is not generally known, either, but it is a fact that the milk of farrow cows is unfit for food, being filled with an effete excretory matter. And butter-faugh!-it is not only adulterated, but counterfeited. Fat cheese is made from skimmed-milk mixed with lard and tallow so skillfully as to defy detection. I was at an exhibit of butter and cheese in the state of New York awhile ago where the first prize was awarded to a cheese which the makers, with pride-mind you, with pride—afterward affirmed to be a man-

"Do you know what gluten meal is? No? Well, you see that advertisement, but a dollar in a jail; in a temperate, scholarly, you don't see glucose. Fine fruit flavors what do you think they are largely made from? Ah! the chemist has wonderful re-Many people take no care of their money sources. They are are made to a great extent from rotten cheese, fusel oil, sulphuric acid, ether, and other things quite as injurious to the delicate linings of the stomach. By doing good with his money, a man as Many of the soda-water sirups, confections, it were stamps the image of God upon it, and jellies are flavored with such stuff. Of course a few persons use genuine fruit flavors. The sourness of lemon sirup and The philosphy which affects to teach us a lime juice is strength with sulphuric acid. Candy is composed largely of glucose and flour. Mighty little pure sugar goes into it. Manufacturers claim the substitute which sons who have the most intimate contempt is made from corn is not objectionable. stances. Sometimes terra alba is used, and the coloring matter is often highly objec-

"Tea is adulterated with willow, oak, birch, elm, and other leaves; as well with spent tea leaves, also with poisonous colorings. Ground coffee sold in packages is often quite a counterfeit. Among the other coffee adulterations, besides the old stand-by chicory, are dried liver, beans, peas, all kinds of grain, tan bark, and sawdust. Spices are mixed largely with inert substances, and then injurious matter A wise man should have money in his has to be added to give them fictitious strength.

"Thirty-two deadly poisons are known to be used in the adulteration of wines, and whisky is even treated worse. The popular lager beer is adulterated also to an alarming extent, for it is drunk freely by so many under belief that it is healthful and cannot be meddled with as are alcoholic beverages. Even drugs—the very drugs used for adulterations—are themselves adulterated. Deadly poisons are adulterated; Paris green, for

"It is impossible to estimate the amount of poison people take into their systems daily, and it's no wonder some of us have

Worth Remembering.

Men who are the fastest asleep when they are asleep, are the widest awake when they are awake. Great workers must be great rester. Every man who has clerks in his employ ought to know what their sleeping habits are. The young man who is up until 2, 3 and 4 o'clock in the morning, and must put in his appearance at the bank or store at 7 or 8 o'clock and work all day cannot repeat this process many days without a certain shakiness coming into his system, which he will endeavor to steady by some delusive stimulant. It is in this way that many a young man begins his course to ruin. He need not necessarily have been in bad company. He has lost his sleep, and losing sleep in losing strength and grace.

Gruffness and ill-nature are not essential to the best shop or mill management. Foremen with dyspeptic stomachs do not necessarily turn out the best work. There is such a thing as firm discipline coupled with gentlemanly bearing, and the foreman who cultivates the latter without relaxing the former is the most likely to get the best results, at the same time making himself "solid" with both employers and men.

E. A. STOWE, Editor.

Terms \$1 a year in advance, postage paid. Advertising rates made known on application

WEDNESDAY, APRIL 29, 1885.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

President—Lester J. Rindge.
Vice-President—Chas. H. Leonard.
Treasurer—Wm. Sears.
Executive Committee—President, Vice-President and Treasurer, ex-officio; O. A. Ball, one year; L. E. Hawkins and R. D. Swartout, two years.

of October.

Regular Meetings—Second Wednesday evening of each month.

Michigan Dairymen's Association.

Organized at Grand Rapids, February 25, 1885.

President—Milan Wiggins, Bloomingdale.
Vice-Presidents—W. H. Howe, Capac; F. C.
Stone, Saginaw City; A. P. Foltz, Davison
Station; F. A. Rockafellow, Carson City;
Warren Haven, Bloomingdale; Chas. E. Belknap, Grand Rapids; L. F. Cox, Portage;
John Borst, Vriesland; R. C. Nash, Hilliards;
D. M. Adams, Ashland; Jos. Post, Clarksville.

Secretary and Treasurer—E. A. Stowe, Grand Rapids. Next Meeting—Third Tuesday in February, 1886.

Membership Fee-\$1 per year.
Official Organ-The Michigan Tradesman.

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

Organized at Grand Rapids, June 28, 1884. OFFICERS.

OFFICERS.

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

each month. lext Meeting—Saturday evening, May 30, at "The Tradesman" office.

Grand Rapids Post T. P. A.

Organized at Grand Rapids, April 11, 1885.

President—Geo. F. Owen.
Vice-President—Geo. W. McKay.
Secretary—Leo A. Caro.
Treasurer—James Fox.
Next Meeting—Saturday evening, May 2, at
"The Tradesman" office.

NEW TYPE.

be had. A better quality of paper will also decided upon. be used from this time on.

Organize, organize, organize!

W. J. Lampton, editor of the Merchant copy of his illustrated volume entitled "Mrs. Brown's Opinions." The old lady's sentiments are terse and pointed, and the book deserves a large sale.

collateral interests. It is called the Daily possible, and while the store will be re-inforced Business, and does not belie its name.

The organization of business men at Charlevoix will be known as the "Charlevoix Improvement Association." It will include the leading business men of the place, who band together for the purpose of encouraging the location of manufacturing establishments at Charlevoix. The new organization starts out under favorable auspices.

Traverse City people are happy in the possession of many advantages not usually enjoyed in a place of that size, but none have a keener appreciation than the Grand Traverse Herald, which has long been regarded as a representative Michigan newspaper. Large in size, inviting in appearance, interesting in general contents and bright in local and editorial departments, the Herald compasses several important features which are too often overlooked in many journals of larger pretensions, and appears to be the recipient of a patronage which is entirely in keeping with the general excellence of the paper.

A London exchange notes an event which is almost unprecedented in the annals of iron manufacture, as it reveals the existence of a good feeling between the employed and the employers, which is the exception instead of the rule. It appears that a deputation of the 400 laborers in a Sheffield establishment visited the manager and stated that they heartily sympatized with the company Perrine in the grocery business at Albion. in the loss sustained through the stagnation of business, and regretted that they could not ask that their wages be reduced, which they were prevented from doing by their Harris in the grocery business at Kalamazoo. tons loose, at \$4.75 a ton, f. o. b.

membership in a labor organization. Instead, however, they had agreed among themselves that it would be only just to their employers to work a week for nothing, and expressed the hope that their offer would not be re-

Muskegon is not without a "disturbing element" in the grocery trade, as is evidenced by the desperate attempts to attract trade made by a certain Western avenue dealer. His various "attractions" and "leaders" are demoralizing to trade in general and cannot fail to break him in the end. Until such an outcome of his foolishness is reached, however, he will doubtless succeed in compelling other merchants in the same line to carry on business with little or profit to themselves, and with no preceptible degree of thankfulness on the years.
Arbitration Committee—I. M. Clark, Ben W.
Putnam, Joseph Houseman.
Transportation Committee—Samuel Sears,
Geo. B. Dunton, Amos. S. Musselman.
Insurance Committe—John G. Shields, Arthur
Meigs, Wm. T. Lamoreaux.
Manufacturing Committee—Wm. Cartwright,
E. S. Pierce, C. W. Jennings.
Annual Meeting—Second Wednesday evening
of October.

AMONG THE TRADE.

IN THE CITY.

H. Leonard & Sons have re-arranged and enlarged their office in the rear of their

A. Curtis, grocer at Manton, has added a ensky. line of dry goods, furnished by Spring & Company.

J. F. Hacker, grocer at Corinth, has added a line of dry goods, purchased of Spring & Company.

J. H. Myers, the collar and harness manufacturer, has started a branch establish- their goods in this week. ment at Cedar Springs.

The D. Seegmiller grocery stock, which has been the cause of no little litigation, will be sold at sheriff's sale on May 5.

Williams Bros., grocers at Gresham, have added a line of dry goods, purchased of Spring & Company, through W. H. Downs.

C. K. Hoyt has purchased the remnant of the Wait Bros.' stock, at Hudsonville, and will continue the business at the old stand. He was in town last week and made considerable additions to his stock in the way of dry goods and groceries.

R. Ada McWilliams, for the past four years city order clerk for Hazeltine, Perkins & Co., has purchased the drug stock at 42 West Bridge street, formerly owned by Theo. Kemink, and more recently the property of Fallas & Curran. Mr. McWilliams has already assumed control of the business.

THE TRADESMAN has it on the best of authority that John L. Curtiss will retire THE TRADESMAN greets its readers this from the firm of Curtiss, Dunton & Co. beweek with a new dress of type, which will fore many more days have elapsed, to be brighten the appearance of the paper and succeeded by Geo. B. Dunton and Eli F. Harserve to make it even more attractive than rington, each of whom now owns a onebefore. The old dress was by no means quarter interest in the establishment, and badly worn, but gives place to the new in who will each acquire a half of Mr. Curtiss' accordance with the desire to furnish the interest, making them equal partners. The patrons of the paper with the best that is to style of the new firm name has not yet been

Mrs. Powers and the other stockholders of the Northern Manufacturing Co., at Boyne Falls, have executed a trust deed of all the property belonging to the corpora-Traveler, favors The Tradesman with a tion at that place to Lester J. Rindge, of this city, and Chas. Root, of Detroit, who will carry on the business to the best of their ability, realize on the assets as fast as possible, and distribute the proceeds among the creditors pro rata. The property com-The latest novel venture in journalism is prises a saw mill, planing mill and handle a daily commercial journal in Chicago, factory, stocks of logs, lumber and handles, which is primarily a Board of Trade paper, and a stock of general merchandise. The but promises to reach out and take in all raw material will be manufactured as fast as ed with such goods as find a ready sale, every effort will be made to close the whole mat-Wm. S. Sharon writes The Tradesman ter out before a year has elapsed. The total that he has sold the Cleveland Journal of liabilities are \$6,500, distributed among Trade to Messrs, W. J. Haves & Co., whole-creditors at Grand Rapids, Detroit and Chisale grocers of that city, and that he will cago. The aggregate assets nearly approach shortly begin the publication of a new trade the liabilities in value, and may be closed journal entitled the Commercial Bulletin, out so as to leave a margin for the stockholders, although the latter possibility depends entirely upon the future improvement in business.

AROUND THE STATE.

N. W. Crocker, grocer near Byron Center, yard business. has sold out. . Cole & Chapin succeed C. Cole in general

trade at Ada. Chas, Clark succeeds W. H. Bilby in gen-

eral trade at Durand. Chrysler & Richmond, general dealers at

Harrison, have sold out. J. W. McLeod succeeds Gargett & Abbott

in general trade at Alma.

L. F. Perkett, has engaged in the grocery business at Traverse City.

Ralph P. Baker succeeds H. H. Ferguson in general trade at Rome.

John Althouse has sold his general stock at Coval to G. & S. Newell.

Stevens & Wright, hardware dealers at Eaton Rapids, have sold out. Alva Peck succeeds Peck & Henderson in

general trade at West Haven. C. S. Burroughs succeeds J. W. Burchard

in the drug business at Clinton. D. DeVries succeeds P. & D. DeVries in the grocery business at Holland.

Dr. A. G. Goodson has moved his drug stock from Allegan to Boyne City. J. C. McFellin has sold his hardware

stock at Boyne City to Shephard Bros. John E. Perrine succeeds Chapman &

F. E. Standish, general dealer at Diamondale, has assigned to C. M. W. Blakeslee. Harris & Phetteplace succeed Porter L.

Wm. C. Kohl, boot and shoe dealer at Schoolcraft, has assignee to Abram Gard-

Alex. McLane succeeds J. R. Davis in the agticultural implement business at Stan-

H. S. Perkins succeeds Perkins & Wirtz in the agricultural implement business at ulars to Adrian.

B. Blumenthal & Bro., dry goods and clothing dealers at Elmira, have removed to West Branch.

F. C. Brackett, general dealer at Sheridan, has sold out, and will take up his residence In California

E. G. Allen & Co., general dealers at Covert, have sold out to Geo. Michels, who will

continue the business. Canham & Armstrong, wholesale fish dealers at Port Huron, have dissolved, Wm.

A. Canham succeeding. Geo. B. Kellogg, the Allegan clothier, has established a branch store at Greenville,

placing B. H. Braken in charge. Rockford Register: Miss Dane has bought property in Cedar Springs, and is preparing

to open a fancy goods store there. D. F. Cole and M. E. Wait, two of Hom er's enterprising young men, will open a grocery store in that place next week.

P. Medalie has retired from the firm of H. Wilensky & Co., clothiers at Mancelona. The business will be continued by H. Wil-

The Detroit Blower Co., heretofore a copartnership, has become incorporated under the same name. The authorized capital stock is \$50,000.

An Assyria correspondent writes as follows: A. W. Wilcox and A. Bowen have fitted up their grocery store and will put

The clothing stock of Joseph Mabley, of Jackson, was disposed of at mortgagee's sale, to Boston creditors, for \$6,300. The mortgages aggregated \$11,134.

Wheeler Bros., the Shelby dealers, bought 400,000 feet of hard wood logs during the winter, which they are now manufacturing into lumber and shipping.

B. F. Reed & Son have built a warehous at Montague and will engage in the buying and shipping of wheat, potatoes and farmers' produce of every description.

J. E. Ellsworth and Geo. Wilber have each sold out their stocks of meats, at Hesperia, to A. J. Wright, who will continue the market business at the stand lately occupied by J. E. Elsworth.

The wholesale tobacco and oil house of Owosso has united with the firm of Lawrence & Son, of that place. The business will be carried on under the firm name of Lawrence, Hamblin & Co.

D. E. McVean, the Kalkaska groceryman. who has been doing business through an assignee for several month past, has effected the business now in contemplation. a compromise with all his creditors, and resumed business in his own name. He writes THE TRADESMAN, under date of April 23: her off the rocks. My loss is great, but I am still young, and profiting by past experience, may come to the front yet."

MANUFACTURING MATTERS. Harbor Springs has a new broom factory,

just established by C. S. Barton. A stock company is being organized to

put in a roller flouring mill at Sheridan. Jas. Towles' saw mill near Sheridan,

Clayden & Teachout succeed Richmond & Clayden in the milling business at Spring and cracker barrel. Arbor.

now turning out 900 pails and 500 tubs dai-Geo. W. Crawford has bought Thos.

Stimson's planing mill and wood-working troducing his patent scratch-books to the factory at Big Rapids for \$10,000, and will jobbing trade. During the fall and winter have it running within thirty days.

The mill of the Bluffton Lumber Co., lately burned, will not be rebuilt, as the in- time by accompanying Harry Robinson's surance money, \$23,000, will be inade-

J. W. Willett, of Stanton, and A. C. Block, of McBrides, have purchased seven acres of land at Ionia, and will erect a planing mill and sash and blind factory thereon. vilion house. I went out and sold a cou-The new firm will also carry on the lumber

Wheeler & Johnson have put a condenser into the steambarge Shrigley, at Manistee, stable could not read and volunteered to for the purpose of saving fuel. A local loan me an old license, which offer I gladly authority has it that the salt manufacture has so raised the price of slabs that they are a short time afterward, I produced the litoo costly for steamboat use now.

STRAY FACTS.

East Jordan wants a bank and a bakery. The Petoskey Lime Co. will soon build a new dock in front of their quarries on the bay shore.

Rockford Register: Why not form a business men's association in Rockford to induce manufacturers to locate here? About 200 refrigerators were crushed by

the collapse of the Belding Manufacturing Co.'s warehouse at Belding, recently. Pewamo has already recovered from the effects of its recent fire, and four large new

brick buildings are in process of erection. Pewamo aspires to be stylish, and announces the best chance in Michigan for a good clothing merchant and custom tailor.

Wright & Ketcham, the Saginaw lumbermen, are clearing a farm in Midland county, which they claim will be the largest in the

There are 40,000 barrels of salt on hand ready for shipment, at Manistee, Canfield & Wheeler having 10,000 and R. G. Peters 30,-000. One pork packing concern takes 1,800

FREE --- A HALL TYPE-WRITER

PRICE \$40.

Enclose stamp (two cent) for partic-

Grand Rapids, Mich.

N. B.-This offer good for one month. Enclose this advertisement.

The Gripsack Brigade.

Geo. D. Bow, Michigan representative for Dick, Middleton & Co., Louisville, Ky., sqent Sunday at this market.

W. W. Rose, representing Wessel Bros., the New York banana importers, is in town interviewing the jobbing trade.

Geo. Halloway has recovered from the effects of his recent buggy accident, and went out on his usual trip this week.

Geo. Bolster, Michigan agent for the Mc-Culloch Soap Co., of Milwaukee, spent several days at this market last week.

A Middleville correspondent writes that 'a traveling man from Chicago lost a \$250 diamond at this place last Saturday." Mr. W. H. Downs took his wife and son

to Union City last week, where the latter will spend a portion of the summer season. Chas. S. Robinson is the happy possessor of options on 500 barrels of pork, and smiles gleefully as the market slides up from day

J. C. Watson, with C. S. Yale & Bro., is making a tour of Marquette, Houghton, Ontonagon and other Upper Peninsular towns this week.

Hastings Banner: The drummer goeth forth to drum in large numbers this season. and are in full force soliciting orders from our live business men.

F. H. Browne, formerly with S. J. Foree & Co., of Louisville, Ky., has engaged with Fox, Musselman & Loveridge, and will cover the city trade for the present.

Strange as it may seem, Geo. S. Megee. Michigan traveling representative of the National Tobacco Works, Louisville, Ky., is a Sunday school teacher when he is at home.

No one would suspect that Leo A. Caro wears \$2 pants, but such is a fact. His \$18 pair was somewhat demoralized by a too sudden decent from a buggy to the ground one day last week.

W. G. Hawkins went to Cleveland Friday night to investigate the subject of phosphates. Chas. S. Robinson will probably be associated with him in the prosecution of

Wm. A. Clough, formerly sundry salesman for F. R. Arnold & Co., of New York, has engaged to travel for Hazeltine, Perkins "To-day I am to be born again and try the & Co., and will carry the sundry line of that old ship once more and see if I cannot hold house in Michigan and adjoining states. The

engagement begins May 1. "I have here," said the drummer, as he entered the grocery store, "a wonderful baking powder; beats anything you ever saw for raising." "Well," responded the keeper, "it may be pretty good for raising, but I've got a powder that beats it. Why, this powder I keep here would raise a rock.' "What is it called?" demanded the drummer. "Blasting powder, sir; blasting powwhich was recently burned, is being rebuilt. der." And then a sort of silence crept over the group that lingered about the raisin box

"Speaking of the 'drummer tax' levied in A large dry kiln has been added to the the South reminds me of an experience I pail and tub works at Newaygo, which are once had at Charleston," said Johnny Jewett, manager of the Eaton, Lyon & Allen Printing Co., the other day. "In 1876, I was on the road for Henry M. Hinsdill, inof that year I traveled through the South and managed to evade suspicion most of the minstrel party, marching in the street parade in consideration of the usual transportation and hotel reductions extended to such organizations. After leaving the party I proceeded to Charleston and put up at the Paple of bills, and on my return was told by the clerk that a constable was looking for me. The clerk further stated that the con-

accepted. On being tackled by the officer cense and was told that it was 'all right.' then returned the paper to the clerk, thanking him for the use of it, when he demanded \$5. As the regular license fee was \$10, and as I knew the clerk would 'peach on me' if I did not pay him the amount he named, I produced a V without further discussion. I afterward learned that the constable 'stood in' with the clerk on such occasions, and that the old license had done duty dozens of times before."

Attention is directed to the sale of the Seegmiller grocery stock, full particulars of which are given in an advertisement in another column of this week's issue. The stock is complete in every respect, comprising a full line of staple and fancy groceries, as well as showcases, trucks and other necessary equipments. As the sale is forced, buyers are likely to get exceptional bargains, and dealers who are on the look-out for such occasions would do well to be present at the

A company has been organized at Tacoma for the purpose of boring for petroleum at the newly discovered indications in Pierce county, W. T.

ular brands of Flour

 ${
m STAR}$,"

"GOLDEN SHEAF," "LADIES' DELIGHT," And "OUR PATENT."

The Seegmiller grocery stock, comprising staple and fancy goods, show-cases, cannisters, scales, trucks, and everything included in a first-class grocery stock, will be sold at sheriff's sale at the front entrance of the Grand Rapids Manufacturing Co.'s stores, on Lyon Street, May 5, sale beginning at 10 o'clock a. m. Full inventory of the stock can be seen at County Clerk's office, filed with the attachment papers in case of Canadian Bank of Commerce vs.

Seegmiller. Terms of Sale-CASH.

Lyman T. Kinney, Sheriff.

JOHN CAULFIELD

Is our Agent in Grand Rapids for our Famous

WASHER EASY

MILWAUKEE.



To a Purchaser who will take our entire cut, we offer an exceptional bargain.

MORLEY, MICH.

MISCELLANEOUS.

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 additional word. Advance payment.

FOR SALE—At a bargain, my two-story frame house, store 24x45,5 rooms, kitchen, cellar, good well water, cistern and woodshed, good location for any kind of business, expressly clothing store, as there is none other in town. Address A. Theile, Rockford, Mich. 89*

FOR SALE—A complete stock of tinshop tools and patterns. Will sell cheap, on account of not being a tinner myself. Andress G. Gringhaus, Lamont, Mich.

WANTED—By a gentleman well qualified for position as book-keeper or traveling salesman, situation with some lumber or mercantile firm in Western Michigan. Best of references from present employers. Address, rences from present employers. A 'Book-keeper,' care The Tradesman.

ROR SALE—Hotel in one of the finest towns of southern Michigan. Any one wishing to engage in a well-established business can do so with a small amount of capital, as the owner is going west. For full particulars address "Hotel," care 36 West Leonard street, Grand Rapids, Mich.

FOR SALE-Our entire mill-cut of hardwood lumber, including maple, beech, etc. Wil H lumber, including maple, beech, etc. Wi sell cheap to any one who will take it all. Nich ols & Higgins, Morley Mich. FOR SALE—Two pool tables and a Stevens

Polit Salle—Two poor tables and a Stevens patent ice-box. As good as new. Address C. Blom, Holland, Mich. FOR SALE—Our stock of drugs, boots and shoes, dry goods, groceries and hardware. Also brick store building, 23x75, warehouse, dwelling, stable, good well and cistern and one acre of land. Will sell the buildings for \$2,500 and the stock at cost. A. Young & Sons, Orange, Mich.

FOR SALE—Cheap for cash, a small stock of drugs and medicines in suburbs of Grand Rapids, Mich. Apply to H. B. Fairchild, City.

ORDER A SAMPLE BUTT OF McALPIN'S

PLUG. A RICH NUTTY CHEW.

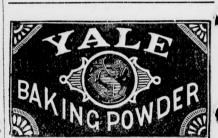
GRAND RAPIDS.

USE D'OLIVEIRA'S Sale of Grocery Stock. Parisian Sauce



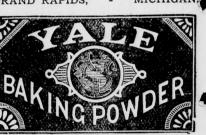
So PERR

HAWKINS



BAKING POWDERS, BLUINGS, ETC.,

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





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

Arctic Manufacturing Co.,

GRAND RAPIDS, MICH.

Drugs & Medicines

Michigan State Pharmaceutical Association. OFFICERS.

President—Geo. W. Crouter, Charlevoix.
First Vice-President—Geo. M. McDonald, Kalamazoo.
Second Vice-President—B. D. Northrup, Lansing.
Third Vice-President—Frank Wurzburg, Gr'd

Third Vice-Fresheld
Rapids.
Rapids.
Secretary—Jacob Jesson, Muskegon.
Secretary—Wm. Dupont, Detroit.
Treasurer—Wm. Dupont, Detroit.
Executive Committee—H. J. Brown, A. B.
Stevens, Geo. Gundrum, W. H. Keller, F. W.
Fincher. Next place of meeting—At Detroit, Tuesday, October 13, 1885.

Grand Rapids Pharmaceutical Society.

ORGANIZED OCTOBER 9, 1884.

OFFICERS.

OFFICERS.

President—Frank J. Wurzburg.
Vice-President—Wm. L. White.
Secretary—Frank H. Escott.
Treasurer—Henry B. Fairchild.
Board of Censors—John Peck, Chas. P. Bigelow, Jas. S. Cowin.
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.
Committee on Pharmacy—Hugo Thum, M. B. Kimm, A. C. Bauer.
Committee on Legislation—Isaac Watts, O. H. Richmond, Jas. S. Cowin.
Committee on Trade Matters—H. B. Fairchild, John Peck, Wm. H. Van Leeuwen.
Regular Meetings—First Thursday evening in each month. each month. Annual Meetings—First Thursday evening in

November. Next Meeting—Thursday evening, May 7, at "The Tradesman" office.

He Heard Enough.

From Texas Siftings.

Sam Peterby, a merchant from the interior, while attending the Mardi Gras festivities at Galveston, united business with pleasure by purchasing a bill of goods from a prominent firm. He was very politely received, and one of the proprietors showed him over the immense store. On reaching the fourth floor the customer perceived a speaking tube on the wall, the first thing of the kind he had ever seen.

"What is that?" he asked.

"Oh, that is a speaking tube; it is a great convenience. We can converse with clerks on the first floor without the trouble of going down stairs."

"Can they hear what you say through that?" asked the visitor.

"Certainly; and they can reply at the ame time." "You don't say so!" exclaimed the visitor,

"May I talk through it?"

"Certainly," was the reply. "The visitor put his mouth to the tube

and asked: "Are Sam Peterby's goods packed up

The people in the office must have supposed it was somebody else speaking, for a

moment later the distant reply came back: "No. We have not packed them yet. We are waiting for a telegram from his town. We believe he is a slippery cuss."

Didn't Leave His Address.

"I understand that Mr. Wilson has retired from business," remarked the bill collector to the clerk.

"Yes, sir," replied the clerk. "I wonder what is to be done with this

little bill of mine?"

"I don't know, sir," answered the clerk. "I think-"

"Where can I address Mr. Wilson? If he doesn't pay, I will sue him. Where is he to be found?"

"I can't say, sir. He-"

"So he has gone away, has he, without leaving his address? The old schemer." "Yes, sir. He is dead."

Although no material reduction has yet of this drug seems to be spreading. It is, bowever to be regretted that there are worth twice what it costs to every business however, to be regretted that that there are so many "extracts" in the market of very inferior quality. A well known analyst, who has examined a number, informs us

extensive New York sundry house. Mr. Clough brings to his new position a knowledge of the business possessed by few other men on the road, and will doubtless be accorded a hearty reception by the many patrons of his new house in Michigan and fathers will not be likely to look up such phrases as "diffuse hæmatoma," "divergent strabismus," etc., which occur in it. It has an amusing way of telling us what to lo in emergencies, e.g.: "When there is any lifficulty in judging betwixt arterial and vergus, hemographs, there may be both. Treat the sum of the properties of the business possessed by few other men on the road, and will doubtless be accorded a hearty reception by the many patrons of his new house in Michigan and adjoining states.

The Drug Market.

Business has been maintained at a moderately healthy volume during the past week, and collections have held their own. Carbons have held their own. Carb and fathers will not be likely to look up adjoining states. It has an amusing way of telling us what to accordingly."

It is said that a Boston man is putting up about steady. a building in Chicago, the walls of which will be of plate glass, and there will be very little material in the whole structure except glass, cement and red slate. The building is to be used for offices, and it is reckoned that 75 per cent. of the entire space can be made available, whereas in ordinary buildings the amount is only 42 to 54 per cent., so much more being taken up by walls, halls, etc.

The other day a Newark physician, who suspected that some one was peeping through the keyhole of his office door, investigated with a syringe full of pepper sauce. He found his wife, half an hour afterward, with a bandage over her left optic. She told him that she had been cutting wood and a chip had hit her in the eye.

A: "Why don't you send me the case of boots which I bought from you yesterday?" B: "As soon as you have paid the last bill I'll send it." A: "That is all nonsense, I can't wait so long."

VISITING BUYERS.

The following retail dealers have visited the market during the past week and placed orders with the various houses: Smith Barnes, Hannah & Lay Merc. Co. Smith Barnes, Hannan & Lay Me Fraverse City.
G. Brusse, Zeeland.
T. C. Prout, Mancelona.
J. C. Benbow, Cannonsburg.
Wm. Hugh, Hugh & Jones, Morley.
C. L. Howard, Clarksville.
Chas. North, Trent.
A. Retan, Pewamo.
E. A. Owen, Plainwell.
L. Perrigo, Burnin's Corners.

E. A. Owen, Plainwell.
L. Perrigo, Burnip's Corners.
A. T. Kellogg, Kellogg & Wooden, Kalkaska.
Wm. H. Hicks, Morley.
W. H. Wheeler, Cedar Springs.
John R. Wylie, Wylie & Bro., Martin.
J. W. Dunning, Hesperia.
R. K. Perkins, Boyne City.
G. A. Rumsey, Rumsey Lumber Co., Big
Rapids.
C. J. Church, Greenville.
John Otis, Mancelona.

B. Granger, O. B. Granger & Co., Plain well. J. C. Scott, Lowell. Byron McNeal, Byron Center. J. Q. Look, Lowell. M. A. Teachout, Teachout & Roedell, White

Cloud.
F. C. Brooks, Hastings.
Adam Wagner, Eastmanville.
C. L. Bostwick, C. O. Bostwick & Son, Can

Adam Wagner, Eastmanville.
C. L. Bostwick, C. O. Bostwick & Son, Cannonsburg.
O. W. Messenger, Spring Lake.
E. R. Benedict, Cedar Springs.
M. B. Nash, Sparta.
S. J. Koon, C. E. & S. J. Koon, Lisbon.
M. M. Cole, Cole & Judson, Big Rapids.
Frank E. Jones, Burrows & Jones, Montague.
Wm. Vermeulen, Beaver Dam.
G. C. Baker, Labarge.
Herder & Lahuis, Zeeland.
Jos. H. Spires, Leroy.
A. DeGroat, Vriesland.
S. Cooper, Parmalee.
Johnson & Seibert, Caledonia.
John Gunstra, Lamont.
C. K. Hoyt, Hudsonville.
T. W. Preston, Millbrook.
F. C. Williams, Ada.
A. E. Landon, Nunica.
Wm. DePeee, DePree & Bro., Zeeland.
Carrell & Fisher. Dorr.
F. B. Hine, Lowell.
J. W. Bookwalter, Burnip's Corners.
F. Narragan, Byron Center.
E. C. Foote, West Carlyle.
G. F. Gretzinger, East Saugatuck.
W. W. Peirce, Moline.
Jacob Jesson, J. Jesson & Co., Muskegon.
Sid. V. Bullock, with J. B. Quick, Howard
City.
Mr. Clark, Parkhurst & Clark, Middleville.

Mr. Clark, Parkhurst & Clark, Middleville.
M. V. Wilson, Sand Lake.
Beecher & Kymer, Elk Rapids.
P. M. Lonsberry, Reed City.
Walling Bros., Lamont.
E. S. Hipkins, Blanchard.
J. B. Watson, Coopersville.

J. B. Watson, Coopersville. D. O. Watson, Watson & DeVoist, Coopers Neal McMillan, Rockford. Geo. Carrington, Trent.

ille.

Neal McMillan, Rockford.
Geo. Carrington, Trent.
G. F. Richardson, Jamestown.
Geo. Dewey, Rankin & Dewey, Shelby.
Geo. Sage, Rockford.
C. H. Deming, Dutton.
Paige & Anderson, Sparta.
Aaron Zunder, Zunder Bros., Bangor.
Jackson Coon, Rockford.
Robert Carlyle, Rockford.
C. Cole, Cole & Chapin, Ada.
A. Snyder, Bassett & Snyder, Cedar Springs.
A. Engberts, Zeeland.
A. & L. M. Wolf, Hudsonville.
L. D. Webster, Reed City.
G. S. Putnam, Fruitport.
Montgomery, Haire & Giddings, Upper Paris.
R. McKinnon, Hopkins Center.
M. J. Howard, Englishville.
C. M. Perkins, Hesperia.
Sisson & Lilly, Lilley Junction.
Norman Harris, Big Springs.
H. W. Potter, Jennisonville.
C. F. Sears & Co., Rockford.
W. S. Root, Talimadge.
Spring & Lindley, Bailey.
J. B. Post, Clarksville.
Dibble Bros., Burnip's Corners.
Calvin Durkee, Lakeview.
C. L. Howard, Clarksville.
Jas. Grannis, Six Corners.
John Wart, Ashland P. O.
A. B. Johnson, Lowell.
Fred Morley, Morley Bros., Cedar Springs,
C. E. Coburn, Pierson.
H. Andre & Son, Jennisonville.

onn wart, Ashiand P. O.
L. B. Johnson, Lowell,
red Morley, Morley Bros., Cedar Springs,
J. E. Coburn, Pierson.
L. Andre & Son, Jennisonville.
F. Conklin. O. F. & W. P. Conklin, Cooperation ersville.
Mr. Judson, Hoag & Judson, Cannonsburg.
Hiram T. Johnson, Saranac.
J. H. Williams, Leroy.
E. A. Sunderlin, Lowell.
D. C. Loveday, Charlevoix.
J. F. Clark, Big Rapids.
G. J. Shackelton, Lisbon.
J. W. Kirtland, Lakeview.

man."

Good Words Unsolicited. T. C. Prout, grocer, Mancelona: "I want the paper." J. R. Abbott, grocer, Howard City: "I think just as much of it as ever."

D. E. McVean, grocer, Kalkaska: "Your paper is a valuable one. It is worth five times Port Wines..... the price asked to any wide-awake merchant." "After trying it for some time, I would not do
without it, as it is a great benefit to the trade."

Carbonate, Pattison's, 2 oz......
Carbonate, Jenning's, 2 oz.....
Citrate, H., P. & Co.'s solution... taken place in the price of cocoa leaves, and the various preparations therefrom, the use "We could not do business, hardly, without taken place in the price of cocoa leaves, and the various preparations therefrom, the use

Fortunate all Around.

Messrs. Hazeltine, Perkins & Co., whose that a majority of those which came under sundry line will compare favorably with that his notice seem to contain little or no coca- carried by any other house in the country, ine, while every form of the tincture is of have been so fortunate as to secure the services little practical use, from the general uncer- of Mr. Wm. A. Clough, for many years suntainty of its composition.—British Drug- dry salesman for F. R. Arnold & Co., the extensive New York sundry house. Mr. of English medical literature, and is publedge of the business possessed by few othlished weekly at a penny a copy. Such a er men on the road, and will doubtless be journal might do great harm if the public accorded a hearty reception by the many could comprehend it, but anxious mothers patrons of his new house in Michigan and

do in emergencies, e.g.: "When there is any erately healthy volume during the past week, difficulty in judging betwixt arterial and ve- and collections have held their own. Carous hemorrhage, there may be both. Treat bolic acid has advanced 5c per pound, but other articles in the drug line have remained

HAZELTINE, PERKINS & CO. have Sole Control of our Celebrated

The ONLY Paint sold on a GUARANTEE. Read it.

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

Send for sample cards and prices. Address Hazeltine, Perkins & Co.

GRAND RAPIDS,

WHOLESALE PRICE CURRENT,

Seneka
Sarsaparilla, Hondurus
Sarsaparilla, Mexican
Squills, white (Powd 35c)
Valerian, English (Powd 30c)
Valerian, Vermont (Powd 28c)

Anise, Italian (Powd 20c).....

Bird, mixed in to packages.....

Cardamon, Aleppee..... Cardamon, Malabar.....

Celery..... Coriander, best English.

Flax, clean.
Flax, pure grd (bbl 3½)...
Foenugreek, powdered...
Hemp, Russian...
Mustard, white Black 10c)...

Quince Rape, English Worm, Levant

Florida sheeps' wool, carriage....

Nassau do do
Velvet Extra do do
Extra Yellow do do
Grass do do
Hard head, for slate use...
Yellow Reef, do

Arsenic, white, powdered. 6
Blue Soluble.
Bay Rum, imported, best.
Bay Rum, domestic, H., P. & Co.'s.
Bay Rum, domestic, H., P. & Co.'s.
Balm Gilead Buds.
Beans, Tonka.
Beans, Tonka.
Beans, Vanilla. 700
Bismuth, sub nitrate.
Blue Pill (Powd 70c).
Blue Vitriol. 6
Borax, refined (Powd 13c).
Cantharides, Russian powdered.
Capsicum Pods, African.
Capsicum Pods, African pow'd.
Capsicum Pods, Bombay do
Carmine, No. 40.
Cassia Buds.
Calomel, American
Chalk, prepared drop.
Chalk, recognitive English

Chalk, prepared drop. Chalk, precipitate English..... Chalk, red fingers.

Chalk, white lump...... Chloroform, Squibb's.....

Chloral do do cryst... Chloral do Scherin's do ... Chloral do do crusts...

Chloral do do crusts... Cinchonidia, P. & W...

Cinchonidia, P. & W.
Cinchonidia, other brands.
Cloves (Powd 23c).
Cochineal
Cocoa Butter.
Copperas (by bbl 1c).
Corrosive Sublimate.
Corks, X and XX—40 off list.
Cream Tartar, pure powdered.
Cream Tartar, grocer's, 10 b box.
Creasote.

Ergot powdered. Ether Squibb's. Emery, Turkish, all No.'s.

Ergot, fresh..... Ether, sulphuric, U. S. P......

Flake white.
Grains Paradise.
Gelatine, Cooper's.
Gelatine, French
Glassware, flint, 7) off, by box 60 off
Glassware, green, 60 and 10 dis.

Glue, ca nuet.
Glue, a nuet.
Glue, white.
Glycerine, pure.
Hops ½s and ½s.
Lodoform # 02.

Indigo ...
Insect Pøwder, best Dalmatian ...
Iodine, resublimed ...
Isinglass, American ...
Japonica ...
London Purple ...
Lond sectato ...

Lead, acetate... Lime, chloride, (½ s 2s 10c & ½ s 11c)

Lupuline Lycopodium
Mace
Madder, best Dutch
Manna, S. F.

Nutgalls.
Nutmegs, No. 1.
Nux Vomica.
Ointment. Mercurial, ¼d.
Paris Green
Pepper, Black Berry
Pepsin.
Pitch, True Burgundy.
Quassia

 Quassia
 6
 6
 7

 Quinia, Sulph, P. & W
 15 oz
 90
 95

 Quinine, German
 85
 90

 Red Precipitate
 \$2
 15
 85

 Seidlitz Mixture
 \$2
 5

 Seidlitz Mixture
 28

 Strychnia, cryst
 160

 Silver Nitrate, cryst
 77
 80

 Saffron, American
 35

 Sal Glauber
 2
 2

 Sal Nitre, large cryst
 10

 Sal Nitre, medium cryst
 9

 Sal Rochelle
 33

 Sal Soda
 2
 2

 Salicin
 2
 15

 Santonin
 6
 50

 Suffs, Maccoboy or Scotch
 38

 Soda Ash [by keg 3c]
 4

 Spermaceti
 35

Soap, Mottled do

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

Tartar Emetic.
Tar, N. C. Pine, ½ gal. cans \$\pm\$ doz
Tar, do quarts in tin....
Tar, do pints in tin...
Turpentine, Venice...
Wax, White, S. & F. brand...
Zinc, Sulphate...
OILS.

Challenge Machinery...... Backus Fine Engine....... Black Diamond Machinery.....

Castor Machine Oil.....

Whale, winter.....

Lard, extra
Lard, No. 1
Linseed, pure raw
Linseed, boiled
Neat's Foot, winter strained
Spirits Turpentine

No. 1 Turp Coach.....

VARNISHES.

SEEDS.

SPONGES.

MISCELLANEUS.

41/2

51/2

6 @

0

45 @ 70

10

121/2@

26 @ 28 30 @ 32 35

.2 25

.....

Advanced-Acid citric, acid carbolic, lyco-Declined—Cardamon seed. Acetic, No. 8. 9
Acetic, C. P. (Sp. grav. 1.040). 30
Carbolic. 36
Citrie. 60
Muriatic 18 deg. 3
Nitric 36 deg. 11
Oxalic. 14½
Sulphuric 66 deg. 3
Tartaric powdered. 52
Benzoic, English 9 oz
Benzoic, German 12
Tannic. 12 9 @ 10 30 @ 35 36 @ 40 60 @ 65 3 @ 5 11 @ 12 14½@ 15 3 @ 4 52 @ 55 AMMONIA. BALSAMS. Copaiba Fir. Peru. Tolu

Cassia, in mats (Pow'd 20c).
Cinchona, yellow.
Elm, select.
Elm, ground, pure
Elm, powdered, pure
Sassafras, of root.
Wild Cherry, select
Bayberry powdered
Hemlock powdered.
Wahoo
Soap ground BERRIES.
 Cubeb prime (Powd 80c).
 6

 Juniper.
 6

 Prickly Ash.
 50
 EXTRACTS. Licorice (10 and 25 lb boxes, 25c)... Licorice, powdered, pure..... Logwood, bulk (12 and 25 lb doxes). Logwood, 1s (25 lb boxes)..... Lgowood, ½s do Logwood, ¼s do Logwood, as do Fluid Extracts—25 % cent. off list. FLOWERS.

GUMS. 35@

 Mastic.
 40

 Myrrh. Turkish (Powdered 47c).
 3 90

 Opium, pure (Powd \$5.40).
 3 90

 Shellac, Campbell's.
 30

 Shellac, English.
 26

 Shellac, native.
 24

 Shellac bleached.
 30

 Tragacanth.
 30 @1 00

 HERBS-IN OUNCE PACKAGES. Hoarhound

 Hoarhound
 25

 Lobelia
 25

 Peppermint
 25

 Rue
 40

 Spearmint
 24

 Sweet Majoram
 35

 Tanzy
 25

 Thyme
 30

 Wornwood
 25
 Citrate and Quinine.
Solution mur., for tinctures.
Sulphate, pure crystal.
Citrate
Phosphate LEAVES. Buchu, short (Powd 25c).......... Sage, Italian, bulk (½s & ½s, 12c)... Senna, Alex, natural..... Senna, Alex. sifted and garbled... 13 @ 14

Senna, Alex. Sitted and garbied.
Senna powdered.
Senna tinnivelli.
Uva Ursi.
Belledonna
Foxglove.
Henbane
Rose, red. LIQUORS.

| Diguots | Digu

OILS. 45 @ 50 45 1 85 50 1 80 Almond, sweet.
Amber, rectified.
Anise.
Bay \$\text{9}\$ oz.
Bergamont.
Castor. Castor Cajeput Citronella

Rosemary, French (Flowers \$1 50) Salad

Savin Sandal Wood, German Sandal Wood, W. I
 Sassafras
 Spearmint

 Spearmint
 4 50

 Tansy
 4 50

 Tar (by gal 50c)
 10
 Wormseed

Prussiate yellow..... Alkanet
Althea, cut
Arrow, St. Vincent's
Arrow, Taylor's, in ¼s and ½s
Blood (Powd 18e)
Calamus, peeled
Calamus, German white, peeled.
Elecampane, powdered

Extra Turp. 1
Coach Body. 2
No. 1 Turp Furniture 1
Extra Turp Damar 1
Japan Dryer, No. 1 Turp. PAINTS. 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
Pioneer Prepared Paints
Swiss Villa Prepared Paints Calamus, German white, peeled.
Elecampane, powdered.
Gentian (Powd 15c).
Ginger, African (Powd 14c).
Ginger, Jamaica bleached.
Golden Seal (Powd 30c).
Hellebore, white, powdered.
Ipecac, Rio, powdered.
Jalap, powdered.
Licorice, select (Powd 12½).
Licorice, extra select. dicorice, extra select...... Pink, true.
Rhei, from select to choice.
Rhei, powdered E. I.
Rhei, choice cut cubes.
Rhei, choice cut fingers.

HAZELTINE, 10 15 3¾@ 4 @ 7 @ 4½@

Wholesale

Druggists

42 and 44 Ottawa Street and 89, 91, 93 and 95 Louis Street.

IMPORTERS AND JOBBERS OF

Drugs, Medicines, Chemicals, Paints, Oils, Varnishes, and Druggist's Glassware.

MANUFACTURERS OF

ELEGANT PHARMACEUTICAL PREPARATIONS. FLUID EXTRACTS AND ELIXIRS.

GENERAL WHOLESALE AGENTS FOR

Wolf, Patton & Co., and John L. Whiting, Manufacturers of Fine Paint and Varnish Brushes.

-Also for the-

Grand Rapids Brush Co., Manufacturers of Hair, Shoe and Horse Brushes.

Druggists' Sundries

Our stock in this department of our bus ness is conceded to be one of the largest, best-assorted and diversified to be found in the Northwest. We are heavy importers of many articles ourselves and can offer Fine Solid Back Hair Brushes, French and English Tooth and Nail Brushes at attractive

We desire particular attention of those about purchasing outfits for new stores to the fact of our UNSURPASSED FACILI-TIES for meeting the wants of this class of buyers WITHOUT DELAY and in the most approved and acceptable manner known to the drug trade. Our special efforts in this direction have received from hundreds of our customers the most satisfying recommendations.

Wine and Liquor Department

DRUG TRADE ONLY, and trust we merit ery attempt to grade or gravel streets, unthe high praise accorded us for so satis- less the same happens to be in front of his factorily supplying the wants of our custom- own premises, and never yields so long as ment. We CONTROL and are the ONLY Not to exceed half a dozen lumbermen have AUTHORIZED AGENTS for the sale of decent houses to live in—that is, homes the celebrated

Withers Dade & Co's

Henderson Co., Ky., SOUR MASH AND OLD FASHIONED HAND MADE, COP- up for the season on the 23d, beginning op-PER DISTILLED WHISKYS. We not erations with a full force on Monday. The only offer these goods to be excelled by NO factory now has orders on the books for ten OTHER KNOWN BRAND in the market, full carloads of manufactured goods, from but superior in all respects to most that are dealers at Chicago, Kansas City, Baltimore, exposed for sale. We GUARANTEE per- Atlanta, Montreal and Quebec. Ten million fect and complete satisfaction and where butter plates were turned out last season, this brand of goods has been once introduced and about the same number will be manuthe future trade has been assured.

We are also owners of the

Which continues to have so many favorites for a very long time. Buy our

Gins, Brandies & Fine Wines.

We call your attention to the adjoining list of market quotations which we aim to of Michigan and adjoining states. make as complete and perfect as possible. For special quantities and for quotations on such articles as do not appear on the list, such as PATENT MEDICINES, etc., we invite your correspondence.

Mail orders always receive our special and personal attention.

MUSKEGON MATTERS.

Facts and Fancies Picked up at that Busy

The Pembroke Knitting Co. has added to the establishment in the rear a warehouse, 35x40 feet in dimensions, to be used for storage and shipping purposes.

Thos. Morin has engaged in the grocery business on Catherine street, near the Muskegon Car and Engine Works. Andrew Weirengo furnished the stock.

Frank H. Johnson has retired from the firm of C. C. Moulton & Co., wholesale and commission dealers in fruit and produce. The business will be continued by C. C. Moulton.

Jas. Shavalier, whose general stock at North Muskegon was recently burned, has resumed business in a temporary structure, purchasing a grocery stock of Andrew Weirengo. O. Lambert, the Pine street groceryman,

has laid the foundation for a brick veneer store building, 44x80 feet in dimensions, which he will occupy with his grocery stock as soon as completed. The officers of the new Ryerson Manu-

facturing Co., which takes the place of Ryerson, Hills & Co., are H. H. Getty, president; Henry Jacobs, vice-president; C. T. Hills, secretary and treasurer.

John Lawrence has sold his fruit and confectionery stock to S. A. Tillotson, formerly of Grand Rapids, and will continue the business. Lawrence left Muskegon somewhat sooner than some of his creditors anticipated, leaving them in the lurch to the extent of several hundred dollars.

C. R. Kreidler, has retired from the firm of Kriedler & Smith, proprietors of the Muskegon File Works, to be succeeded by H. D. Hazlett, a practical saw repairer. The new firm name will hereafter be Smith & Hazlett, and will add a steam cutter and grinder to the works on First street.

Only fourteen of the creditors in the Carey matter have filed their claims with the assignee, the majority of them having come to the conclusion that no dividend is preferable to a 2 or 5 per cent. division of the assets. The fraudulent character of the failure seems to be growing more apparent, as the events transpiring about the time of the assignment come to light. Carey's whereabouts is unknown to all save his relatives, and they refuse to disclose his present abiding place.

The rumor relative to Scott Gerrish's alleged demise, which first made its appearance in the Saginaw Valley about a year ago, has received fresh impetus from the appearance of a second South American traveler, who claims to have shaken the supposed dead man by the hand and conversed with him for several hours, in that distant country. The circumstances surrounding the alleged death of the lumberman were somewhat suspicious, as no one was allowed to enter the house in which the supposed death occurred. This fact, coupled with the peculiar burial accorded the supposed deceased, and the unfortunate complication in which the estate was found to be involved, tend to render the suggestion of a South American residence as by no means improb-"The great trouble with Muskegon," said

well-known business man, "is that about all the enterprise the city contains is centered in the merchants. The lumbermen-many of whom are worth a million apiece and have made it all here-don't care a cuss for the town. With the exception of John Torrent and L. G. Mason, no lumberman has taken any interest in public improvements or endeavored to make the town a better We give our special and personal atten- place to live in or give it a better reputation on to the selection of choice goods for the abroad. The average lumberman fights evtomers with PURE GOODS in this depart- there is any possibility of his succeeding. commensurate with their wealth and social standing. In short, the Muskegon lumbermen are content to take every cent they can squeeze out of the town, but don't give a continental whether the place ever rises about the dignity of an Indian village." The Wood Package and Basket Co. started

factured this year. The output of peach baskets depends almost entirely on the season, last year's product aggregating about 80,000 baskets. Bushel baskets to the amount of 500 dozen were made last season, and a considerably larger quantity will be turned out this year. Sixteen thousand berry crates and 15,000 grape baskets were among druggists who have sold these goods manufactured last year, and about 20,000 of each will be placed on the market the present season. Four carloads of cheese box veneering completes the enumeration of last year's output, and this amount will be considerably swelled this season. Mr. Adam Rodgers, the superintendent of the factory, will shortly make a tour of the fruit sections

A Brooklyn merchant has his smoking room decorated with Indian tanned hide in the hair. All the woodwork and furniture in the room is of bullock wood. The walls and hung with grey, white and cream-tinted hides; the furniture is covered with well marked hides; the windows and door are curtained with dressed calf skins; the dec-HAZELTINE, PERKINS & CO orations are antlers, and trophies of the chase, while the great horns of a Texas steer crown the doorway.

The Michigan Tradesman.

A MERCANTILE JOURNAL, PUBLISHED EACH WEDNESDAY.

E. A. STOWE & BRO., Proprietors. Office in Eagle Building, 49 Lyon St., 3d Floor.

Telephone No. 95. [Entered at the Postoffice at Grand Rapids as Second-class Matter.]

WEDNESDAY, APRIL 29, 1885.

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

AGREEMENT TO RELINQUISH BUSINESS and not to carry it on thereafter, limited as to place, but unlimited as to time, is not void as being in restraint of trade, according to the decision of the Supreme Court of New Hampshire in the case of Webster vs. Buss. In this case the court held valid a bond conditioned "that the obligor will entirely relinquish to the obliger the teaming business" in the vicinity of a certain town, "meaning over and on the whole route run by the obligor, and in no way directly to interfere with or cause the same to be interfered with.

Park Mills, No. 80. 13 | York AA, extra 02.14 |
Alabama brown. 7 | Alabama plaid. 7 |
Augusta plaid. 7 |
Toledo plaid. 7 |
Toledo plaid. 7 |
Avondale, 36. 84 | Greene, G. 44. 5½ |
Androscoggin, 54. 12½ | Hope, 44. 6% |
Ballou, 54. 86 |
Boott, 0. 44. 89 | Linyadon, 44. 75 |
Boott, A.G., 44. 9½ | Lonsdale cambric. 10½ |
Boott, R. 34. 5½ | Langdon, 45. 14 |
Masonville, 44. 8 |
Maxwell, 44. 9½ |
Cabot, 44. 64 | Maxwell, 44. 9½ |
Cabot, 44. 65 |
Cabot, 78. 65 |
Cabot, 78. 65 |
Cabot, 78. 65 |
Cabot, 78. 66 |
Cabot terfere with or cause the same to be interferred with.

ASSIGNMENT FOR CREDITORS—FRAUD.

The fact that a deed of assignment for the benefit of creditors tecites that some of the creditors are pressing the debtor and will so sacrifice his property as to make it Social Imperial.. impossible to pay all his creditors, does not manifest a fraudulent intention to hinder and delay creditors, according to the decision of the Kentucky Superior Court in the case of Sachs et al. vs. Hesse et al. decided case of Sachs et al. vs. Hesse et al. decided on the 18th ult. The court also held, in the same case, that the fact that an assignee for the benefit of creditors, where a stock of goods was assigned, kept the debtors emploved in the store as salesmen, was not a badge of fraud.

SALE OF GOODS—RIGHTS OF BUYER.

The following statement of the rights obligations of a buyer in a case where goods are sent to him in excess of the amount ordered was made by the St. Louis Court of Gummersell: 1. Where the seller, in filling an order, sends more goods than the buyer has ordered the latter is any lower to the falls E, 44... buyer has ordered the latter is under no le-Indian Orchard 1-4 7½ buyer has ordered the latter is under no legal obligation to return the goods at his own expense to the seller, but his duties are simply those of a mandatary. 3. Where in such a case the buyer undertakes to return the goods and by mistake sends them to a wrong address, so that they do not reach the seller until a lapse of considerable time and by a circuitous route, the buyer becomes responsible to the seller as for misfeasance of a voluntary bailment, but the seller's measure of damages is confined to the amount necessarily lost by him owing to such misfeasance. It is error, under such circumstances, to instruct the jury that it was the buyer's duty to return the goods at his own expense, and that if he failed to do so, the seller is entitled to recover from him the value of the goods.

Indian Orchard 14 7¼ DOMESTIC GINGHAMS.

Amoskeag. 7 7½ Johnson Manfg Co, Becks, 7 7½ Johnson Manfg Co, Bookfold 1.2½ Johnson Manfg Co, Becks, 7 7½ Glasgow checks, 7 7½ Glasgow checks, 7 7½ Glasgow checks, 7 7½ Slaterville, dress styles. 12½ Slaterville, dress styles. 12½ Slaterville, dress styles. 12½ Johnson Manfg Co, Bookfold 1.2½ Johnson Manfg Co, Becks, 7 7½ Glasgow checks, 7 7½ Slaterville, dress styles. 12½ Slaterville, dress styles. 12½ Johnson Manfg Co, Bookfold 1.2½ Johnson M gal obligation to return the goods at his own

FRAUDULENT SALE—CREDITORS.

The case of Gollober vs. Martin, decided Amoskeag, ACA...14 Falls Amoskeag, 44*.19 Falls Amoskeag, A. 13 Falls, Amoskeag, B. 12 Falls, Amoskeag, C. 11 Falls, Amoskeag, D. 101 Falls, recently by the Supreme Court of Kansas, was one in which it appeared that a person purchased a stock of groceries and unsettled accounts of about \$3,000 in value from a firm of merchants who were being pressed by their creditors, a circumstance of which the purchaser had knowledge. The transfer was made in considerable haste, without any inventory of the goods and accounts or the employment of any other means to form a reasonably correct judgment of their value. The vendors and their clerk remained in the store, claiming to be employed by the vendee, and continued to sell goods and collect accounts, the vendee only making occasional visits to the store.. The payment was made by check of \$2,210 upon a bank with which he was connected, and the larger part of the amount claimed Forest Grove. GRAIN BAGS.

American A. ...18 60 Old Ironsides....

Stark A. ...22½ Wheatland to be paid was with the knowledge of the vendee deposited in the same bank to the credit of the wife of one member of the firm and the sister of the other upon individual indebtedness which the members of the firm claimed to owe. In this action which was Otis BB..... between the vendee and the creditors of the vendors, and in which the transfer was assailed upon the ground of fraud, the court held that a verdict in favor of the creditors and finding the sale to be void was sustained by the evidence.

pounds of antimony, and one pound of copper—a larger or smaller quantity can be used, taking care however to use the same proportions of each as here given—these to be melted and mixed together over a hot fire. If the metal be too hard, it may be softened by adding some lead. There is no doubt that this metal can be bought for less than it can be made, but it is seldom that any can be had except of an inferior quality. In fact, it can not be recommended. If made according to the receipt given above, we can recommend it as one of the best all.

A. B. Knowlson quotes as follows:

Ohio White Lime, per bbl.

Louisville Cement, per bbl.

Akron Cement per bbl.

Surfalo Cement, per bbl.

Carlots " " " than it can be made, but it is seldom that we can recommend it as one of the best allovs that can be used for fast running machinery, the friction being less than with any other alloy or metal. Journals will run on it at a speed of two thousand revolutions per minute without heating. When making it, it is better to make a quantity that will Cannell, car lots... \$6 00@6 25 (Cannell, car lots... 6 25@6 50 (Cannell last some time, and as it is wanted it can be melted over again.

pperell. 7-4 161/2	Pequot, 1.4	OHO	11	_	•
epperell, 8-420 epperell, 9-4221/2	Pequot, 8-421 Pequot, 9-424 ECKS.		AN	n	UE
aledonia, XX, oz11 aledonia, X, oz10 conomy, oz10	Park Mills, No. 9014 Park Mills, No. 100.15 Prodigy, oz11		AN	U	UE
ark Mills, No. 5010 ark Mills, No. 6011 ark Mills, No. 7012	Otis Apron	D	-	1	
osna Jahama brown	York, AA, extra oz.14 BURG.	K			

ROWN COTTONS.

7½ Indian Orchard, 40.
6½ Indian Orchard, 36.
7½ Laconia B, 74.
6½ Laconia B, 74.
6½ Mass. BB, 44.
6½ Nashua E, 40-in.
5½ Nashua E, 44-in.
5½ Nashua R, 44.
6 Nashua O, 7-8.
5½ Pepperell E, 39-in.
6¾ Pepperell B, 4-4.
7 Pepperell N, 3-4.
7 Saranac R.
6 Saranac R.
6 Saranac E.

Hamilton fancy... Methuen AA..... Methuen ASA....

19	Omega M. 7-8	... 22
14	Omega M. 4-4	... 25
15	Shetucket SS&SSW 11½	
15	Shetucket, S & SW .12	
14	Shetucket, SFS	... 12
13	Stockbridge A	... 7
11½	Stockbridge frncy . 8	

| 154 Warren BB | 12½ Warren BB | 12½ Warren CC | 11½ York fancy | PAPER CAMBRICS | S. S. & Sons | 6 | Garner | WIGANS | GARNER |

| CORSET JEANS. | S | Armory | 7½ | Kearsage | ... | S | Androscoggin sat. | 8½ | Naumkeag satteen | 8½ | Canoe River | 6 | Pepperell bleached | 8½ | Canoe River | 6 | Pepperell sat. | 9½ | Hallowell Imp. | 6¾ | Rockport | 7 | Ind. Orch. Imp. | 7 | Lawrence sat. | 8½ | Laconia | 7½ | Conegosat. | 7

COAL AND BUILDING MATERIALS.

Car lots "ar lots Plastering hair, per bu...
Stucco, per bbl...
Land plaster, per ton...
Land plaster, car lots.

Fire brick, per M... Fire clay, per bbl...

GLAZED CAMBRICS.

DOMESTIC GINGHAMS

Albion, solid ..

Is a new brand of Tobacco, with a new sweet flavor that can not be excelled. Chewers who have given it a trial will take no other.

A PAIR OF BOOTS.

The Consumer Gets the Boots.

We pack a TIN ORDER in one of the lumps in each Butt which is good for either one pair of heavy No. 1 Kip Boots, or one pair of Fancy Calf Boots, or one pair of Calf Button Shoes.

HOW TO GET THE BOOTS.

Send the Boot Order with size wanted, Name, Town, County and State plainly written to the undersigned, and they will forward the boots by the next Express. DON'T FORGET TO MENTION THE KIND WANTED.

Canal and Monroe Streets, CHICAGO, ILL FOR SALE BY ALL FIRST CLASS JOBBERS.

See Our Wholesale Quotations elsewhere in this issue and write for

Special Prices in Car Lots.

We are prepared to make Bottom Prices on anything we handle.

A. B. KNOWLSON.

3 Canal Street, Basement, Grand Rapids, Mich.

Wholesale Grocers,

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

vith Tin Covered



Market THING

Curtiss, **Dunton**

Woodenware, Twines and Cordage, Paper, Stationery, Kerosene and Machine Oils, Naptha and Gasoline.

Grand Rapids, Mich. 51 and 53 Lyon Street

PROPRIETORS OF THE

Arctic Manufacturing

20 Lyon St., Grand Rapids. ASK YOUR JOBBER FOR

Jennings' Flavoring Extracts,

Arctic Baking

E FALLAS.

CORRESPONDENCE SOLICITED.

Grand Rapids, Michigan.

Chew BOOT PLUG Tohacco SPRING & COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

DRY GOODS,

CARPETS.

MATTINGS.

CLOTHS

ETC., ETC.

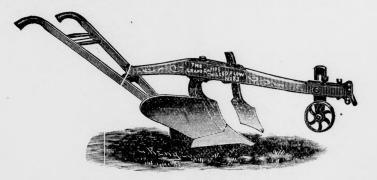
6 and 8 Monroe Street,

Grand Rapids,

Michigan.

GRAND RAPIDS M'FG' CO.,

AGRICULTURAL IMPLEMEN



FARMING TOOLS OF ALL DESCRIPTIONS!

Dairy Implements a Specialty.

Factory--Corner Front and Earl streets. Office and Salesrooms--10, 12 and 14 Lyron street, Grand Rapids.

The Old Reliable

PLUG TOBACCO

Is for Sale by all Crand Rapids Jobbers. SAMPLES FURNISHED ON APPLICATION.

S. W. Venable & Co., Petersburg, Va.

Oysters | Powder and Fish

> PERKINS HESS. 8

> Hides, Furs, Wool & Tallow.

NOS. 122 and 124 LOUISSTREET, GRAND RAPIDS, MICHIGAN.

wished to see some pistols. "I sells you dot pistol for two dollar,"

said the clerk. "I'll take it. Load it up, and before another sunrise I'll put an end to my miserable

existence." "Vat? You shoot yourselluf mit dot pis-

"Yes!" said the wild-eyed man desperate-

"Mr. Isaacstein," called the clerk to the proprietor in the back room, "der shentlemans vants a two-dollar pistol to kill himselluf mit. Vat shall I do?"

"Sharge him five dollar."

The Logic of Prices.

From the Chicago News.

"Push the price of flour up another notch," "I see England and Russia are likely to have by the owner of the well.

"But the latest news indicates an amicable settlement of the difficulty."

"Is that so? Well, then, push the price up two notches. Of course the fewer persons killed in war the more will live to want flour."

Why She Chose Him.

"Well, Marie, have you made up your mind whether to accept Mr. Strong's or Mr. Week's offer?"

"Yes, mamma. I have decided to marry Mr. Strong."

"But Mr. Weeks is much the better match financially."

"Yes, mamma, I know that. But then Mr. Strong is taller and more muscular, and I'm afraid Mr. Weeks couldn't put up and take down the stove-pipe very well."

A match that will strike several times is an ingenious invention, though not exceedingly useful. Such a match has recently been invented. The Russian department of commerce and manufactures has awarded a patent to the inventor of a means of so impregnating wood with a certain chemical that, when dried, the matches made from this prepared wood can be used several times over, thus effecting a saving of, it is claimed, at least seventy-five per cent. A further saving of matches is proposed to be accomplished by an electric gas lighter, another novelty, recently introduced. It consists of a tiny electric battery which can be attached to a gas burner. The battery is connected with a little reservoir of inflamable material, sufficient in quantity to light 60,000 gas jets. One only has to turn on the gas, raise the lighter to it, touch a spring, and the gas is lighted. A man might consider some time before he concluded to go to the expense of having the electric lighter fitted up in his parlor, but it might prove a cheap investment in the long run.

The people of the Pacific coast obtain their supply of codfish from the Chaumogin Islands. The various firms in San Francisco engaged in the trade have different places, known only to themselves, to which they annually send their vessels, and great care is taken to keep the good fishing spots a secret for their own benefit. The fleet remains in Alaska waters from two to three and a half months, visiting all the islands along the northern shore of Alaska. The fishing is done from boats. The greatest obstacle encountered is the dense cold fog that hangs over the islands during the season, as is the case on the Newfoundland Banks.

The first paper floor ever laid has just been completed in the new rink at Indianapolis, Ind. This floor is made by pasting and pressing straw boards together under a powerful hydraulic press, in the same way as the disks of the paper car wheels are made. When these blocks are perfectly seasoned and dried they are sawed into flooring boards and laid with the edge of the ONONDAGA F. F. SALT paper forming the surface of the floor. The surface is sand-papered until it is as smooth as one vast sheet of ice, and the adhesive quality of the paper prevents any slipping of the roller upon the floor.

Already during the present season nine whales have been caught off Los Angeles coast and taken into Portugese Bend, a quiet cove about eight miles west of San Pedro, where about thirty men are constantly employed in harpooning these monster beasts of the ocean, cutting up the carcasses, rendering the blubber into oil, and putting the same into barrels, extracting the whalebone, and sending the refuse of the animal out to sea to avoid pestilence on land.

"Father," he said as he came running in from school, "did you ever drill an oil well and make \$50,000?" "No, my son, I never did." "I was in hopes you had, for I wanted to brag to the boys." "Well, you can tell 'em that, although I never drilled an oil well and made \$50,000, an oil broker once drilled me and made \$75,000, which is about the same thing, I guess."

An enterprising trade newspaper, with a fair circulation, is in a position to do the advertiser great good. In its sphere the trade newspaper is worth a dozen New York Heralds or Tribunes, with their circulation of hundreds of thousands, to an advertiser in whose interest the trade journal is published. -Coal Trade Journal.

Hop vines, usually a waste product in this country, are said to have proved not only good stock for fine paper, but the best substitute yet obtained for rags in French paper

A Washington Territory paper states that Michigan men will invest \$2,000,000 in that division of the republic this year.

Cordial Greeting of a Contemporary. From the American Marketman

We are much pleased and in fact surprised at the handsome showing of THE MICHIGAN TRADESMAN'S patronage and immense increase in its subscribers, who are to be found in every section of the West. Mr. Stowe's close connection with a number of trade organizations gives his journal an advantage possessed by few other publications of that character. The amount of interesting and valuable trade news collected and published in The Tradesman is wonderful. As an advertising medium, we know of no paper in the West that we would invest our money in with as sure a certainty of return as having a card in THE TRADES-MAN. We heartily join the many friends and patrons of the paper, in wishing it a continuation of its present progress and popularity.

An artesian well 1,250 feet deep, near Stockton, Cal., supplies inflammable gas said a Minneapolis miller to his manager. which is utilized as fuel for household uses

THE ONLY

IN THE WORLD.

Patented Feb. 13, 1883. Re-issue Aug. 28, 1883.



FISHING SURE CATCH DAY OR NIGHT.

HARD AND SOFT RUBBER MINNOWS.
No. 7, 70c each; No. 8, 80c each; No. 9, 90c each; FLYING HELGRAMTIES. No. 0, 80c each; No. 1, 85c each; No. 2, 90c each; No. 3, \$1 each. Samples of above Baits sent post paid on receipt of price, or any three for \$2.
MALL GLASS MINNOWS, TRIPLE HOOK FEATHERED, 60c each.
SOFT RUBBER FROGS, TRIPLE HOOK FEATHERED, 60c each.
SOFT RUBBER GRASSHOPPERS, SINGLE HOOK, 60c each.

HOOK, 60c each. SOFT RUBBER DOBSON, SINGLE HOOK,

DEXTER TROLLING SPOON AND MINNOW Combined, Triple Hook Feathered, 60c each. ARRON TROLLING SPOON, Triple Hook Feathered, No. 1, 50c each; No. 2, 55c each; No. 3, 60c each; No. 4, 65c each. Send for descriptive circulars and testimonials. Liberal discount to the Trade.

Enterprise Mfg. Co., Akron, Ohio.

DUNHAM'S



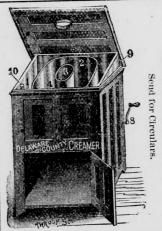
THE BEST IN THE WORLD! PRICE 50 CENTS.

WESTERN MEDICINE CO.

GRAND RAPIDS, MICH.

Delaware

Creamer



Sole Manufacturers.

AMERICAN DAIRY SALT CO.

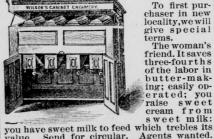
(Limited.) Chemically purified and WarrantED pure as any in the market. Used by a great
majority of the Dairymen of the country. Unexcelled for Butter, Cheese, the Table and all
Culinary purposes. Got medal at Centennial
"for purity and high degree of excellence."
Dairy goods salted with it took first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

J. W. Barker, Sech. Surgeuse, N. Y. AMERICAN DAIRY SALT CO.

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

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

WILSON'S Cabinet Creamery and Barrel Churn AND ALL DAIRY SUPPLIES.



locality, we will give special terms.
The woman's friend. It saves three-fourths of the labor in

value. Send for circular. Agents wanted. Address, FLINT CABINET CREAMERY CO., FLINT, MICH.



ST. JOSEPH, MICH.

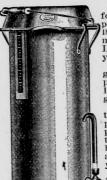
GRAND RAPIDS

Putnam & Brooks, Wholesale Manufacturers of

CANDY

Oranges, Lemons, Bananas, Figs, Dates,

ETC.



Used in the creamery for butter only, they paid the patrons in July, 1884, 60c and the skim-med milk per 100 bs. Lowest price of the

vet invented. Write for actual work-

write for actual working figures furnished by successful creamery men of known reputation, who have used them as above.

JOHN BOYD.

Sole Manufacturer, 199 LAKE ST., CHICAGO.



The Great Stump and Rock

ANNIHILATOR

Strongest and Safest Explosive Known to the Arts.

Farmers, practice economy and clear your land of stumps and boulders. Main Office, Hercules Powder Company, No. 40 Prospect Street, Cleveland, Ohio.

If in Need of Anything in our Line, it will pay you to get our Prices.

PATENTEES CAND SOLE MANUFACTURERS OF

Barlow's Patent Shipping

Send for Samples and Circular.

DETROIT SOAP CO.'S

SOAP -IS NOT-

Lowest price of the year.

In the creamery for gathered cream they paid the patrons from 15c to 27c per cream gauge for the year 1884. In the factory for butter and cheese they paid the patrons \$1.75 per 180 lbs. average, for the season. They show better results in dollars and cents than anything yet invented.

A ("smash up the clothes boiler," "throw away the wash-board," "wash without labor") Soap; is not A (grand piano, gold watch, house and lot with every bar, "save the wrappers") Soap; is not A (towel, napkin, dish-rag, dry goods store thrown in) Soap; is not A (sell a quarter of a box, and have the balance left on your hands) Soap;

The very best article in laundry and general family Soap ever put on the market.

Big and lasting trade. Good margins to dealers. Grocers, if you have never tried "QUEEN ANNE SOAP," buy a sample box and you will always continue to handle it.

The very best article in laundry and general family Soap ever put on the market.

Big and lasting trade. Good margins to dealers. Grocers, if you have never tried "QUEEN ANNE SOAP," buy a sample box and you will always continue

CODY, BALL & CO.,

Grand Rapids.

RINDGE, BERTSCH & CO.,

AGENTS FOR THE

BOSTON RUBBER SHOE CO.

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

14 and 16 Pearl Street, Grand Rapids, Mich.

THE CHICAGO DAILY NEWS

Has the Largest Daily Circulation in America.

It is an independent paper.

It recognizes the utility of Its issue for the year 1884 averaged 125,178 copies daily, and it now regupolitical parties as means for the accomplishlarly prints and sells over 130,000 papers ment of proper ends, but it declines to a day. The regard any mere THE DAILY NEWS, magni party as a fit subject for untude of this unequaled circu-lation is best questioning adoration. It is appreciated 125,178. when it is said that it exceeds the circulations TIMES, of all other Chicago dai-JOURNAL, 30,714, lies combined. 9,000. Taking from the three stan-HERALD, dard newspaper 10,000. directories - Aver INTER

OCEAN,

18,000.

TRIBUNE

28,571.

quotations which most nearly represent the actual circulations the Chicago press, the accompanyof the Chicago press, the accompanying diagram correctly illustrates their relative positions as to extent of circulation. From these figures it appears that the circulation of The Chicago Daily News exceeds the combined circulations "short and to the point" paper. It of all the other Chicago dailies by 19,893 believes that newspaper reading is but an excitation of the Chicago press. copies daily. The Post Office Review incident of the day, not its chief business

& Son's Annual,

Rowell's Directory and

Hubbard's Directory-the

CHICAGO DAILY NEWS prints ALL the news. is equal to the best.

and therefore escapes the temptation of condoning the questionable under the pressure of partisan allegiance. It is unbiased in its presentation of all political news. It solicits the patronage of intelligent, thoughtful, honest people, who love country more than party. Its staff of writers in charge of the

says: "Nearly everybody who reads the It accordingly leaves to the "blanket-English language in, around or about sheets" the monopoly of tiresome and Chicago reads The Daily News." The worthless amplification. It seeks to say reasons for this phenomenal success are all that the reader should care to read, and byious:
THE CHICAGO DAILY NEWS is a lt in the shortest possible manner.
It is a daily paper for busy people.

THE CHICAGO DAILY NEWS is a complete newspaper in all that constitutes the best type of American journalism.

It is a member of the Associated Press, and is the only 2-cent paper in the West that possesses this first essential to a complete news service. In addition, it has its private wire (by lease from the Western Union Telegraph Co.) connecting its Chicago office with New York and Washington, at both of which points it has its own news bureaus. Special correspondents represent it at all other important. spondents represent it at all other important needs of the family circle. It is the news centres throughout the country. The largest "dollar weekly" in America. It

TIME TABLES.

MIGHIGAN CENTRAL



The Niagara Falls Route.

*Detroit Express..... +Day Express 12:45 2 m +Atlantic Express 9:20 p m ARRIVE.

Southern frains in same depot at Detroit, thus avoiding transfers.

The Detroit Express leaving at 6:00 a. m. has Drawing Room and Parlor Car for Detroit, reaching that city at 11:45 a. m., New York 10:30 a. m., and Boston 3:05 p. m. next day.

A train leaves Detroit at 4 p. m. daily except Sunday with drawing room car attached, arriving at Grand Rapids at 10:25 p. m.

J. T. SCHULTZ, Gen'l Agent.

Chicago & West Michigan.

opt.

The Northern terminus of this Division is at Baldwin, where close connection is made with F. & P. M. trains to and from Ludington and Manistee.

J. H. CARPENTER, Gen'l Pass. Agent. J. B. MULLIKEN, General Manager.

Lake Shore & Michigan Southern.

(KALAMAZOO DIVISION.)
Arrive. Leave.
Arrive. Leave.
Express. 7:00 p m 7:35 a m
Mail. 9:35 a m 4:00 p m
All trains daily except Sunday.
The otrain leaving at 4 p. m. connects at
White Pigeon with Atlantic Express on Main
Line, which has Palace Drawing Room Sleeping Coaches from Chicago to New York and
Boston without change.
The train leaving at 7:35 a. m. connects at
White Pigeon (giving one hour for dinner) with
special New York Express on Main Line.
Through tickets and berths in sleeping
coaches can be secured at Union Ticket office,
67 Monre street and depot.

eoaches can be seed depot. 67 Monre street and depot. J. W. McKenney, Gen'l Agent.

| Detroit, Grand Haven & Milwaukee. | GOING EAST. | Arrives. | Leaves. | 6:20 a m | 10:20

West.
Train leaving at 5:15 p. m. will make connection with Milwaukee steamers daily except Sunday.
The mail has a Parlor Car to Detroit. The

Night Express has a through Wagner Car and local Sleeping Car Detroit to Grand Rapids.
D. POTTER, City Pass. Agent.
GEO. B. REEVE, Traffic Manager, Chicago.

Grand Rapids & Indiana.

GOING NORTH.

Arrives.

Cincinnati & Gd Rapids Ex 8:45 p m
Cincinnati & Mackinac Ex 7:00 a m
Ft. Wayne & Mackinac Ex 3:55 p m
G'd Rapids & Cadillac Ac.

GRapids & Cincinnati Ex.

GOING SOUTH.

GRapids & Cincinnati Ex.

Mackinac & Ft. Wayre Ex. 10:25 a m
Cadillac & G'd Rapids Ac.

T:00 a m
Mackinac & Ft. Wayre Ex. 10:25 a m
Cadillac & G'd Rapids Ac. 7:40 p m
All trains daily except Sunday.

SLEEPING CAR ARRANGEMENTS.

North—Train leaving at 5:00 o'clock p. m.
has Woodruff Sleeping Cars for Petoskey and
Mackinac City. Trainleaving at 10:25 a. m. has
combined Sleeping and Chair Car for Traverse
City.

South—Train leaving at 4:35 p. m. bas Woodruff Sleeping Car for Cincinnati.

ruff Sleeping Car for Cincinnati. C. L. LOCKWOOD, Gen'l Pass. Agent.

Detroit, Mackinac & Marquette.

STATIONS. Ac. | Ex. Ac. | Ex. P.M. 4 50 Ar. 6 50 3 30 3 08 1 27 M. 4 40 Negaunee Dep. 1 30 50 3 30 Marquette 20 7 30 8 1 27 eedsboro 4 191 105 12 00 A Seney D 5 45 1 10 51 102 Newbury 6 30 12 40 10 A M. 8 30 Dep. St. Ignace Ar. 5 90 P M. 8 30 Dep. St. Ignace Ar. 5 90 P M. 9 00 Dep. 6 6 8 9 30 Ishpeming Dep. 130 9 00 Dep. Grand Rapids Ar. 7 00 A.M. 9 35 Detroit

Connections made at Marquette and Negaunee with the M. H. & O. R. R. for the iron, gold silver and copper districts; at Reedsboro with a daily stage line for Manistique; at Seney with tri-weekly stage for Grand Marais; at St. Ignace with the M. C. and G. R. & I. Railways for all points east and south; also daily stage line to Sault St. Marie.

F. MILLIGAN, G. F. & P. A.

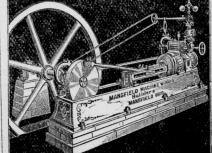
Grind your own Bone, Meal, Oyster Shells,
GRAHAM Flour and Cora
Inte S5 HAND MILLI.
(F. Wilson's Patent). 100 per
try. Also POWER MILLS and FARM
FEED MILLS. Girculars and Testimonials sent
on application. WILSON BROS., Easton, Pa.

PORTABLE AND STATIONARY ENGINES

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

88, 90 and 92 South Division Street,





Groceries.

TALK WITH A GROCER.

How Americans Draw Upon the World for Its Finest Products.

From the Chicago News.

"The sale of foreign preserved fruits is necessarily very limited," said a Chicago retail dealer, who claims to keep on hand the finest groceries the world affords. "They are very expensive, for beside being subject to duty they are put up in the best manner known, and are all the best selected fruit. American fruits crowd them pretty close, however, and the method of preserving for the market shows improvement yearly. The fruits from the south of France, and particularly from the south of Germany, are of finer flavor than the American product. Whether this is due partially to climate or entirely a superior system of cultivation I cannot say. I am inclined to the opinion that American soil, cultivated as highly as the European, would produce just as good an article. The German small fruits are peculiarly rich in flavor and fine in grain. Now, you could not eat more than two or three of these strawberries," and held up to view a small slender-necked glass jar filled with a ruby-hued berry about the size of a walnut. The jar held somewhat less than a a pidt. "You could eat a plateful of the American preserved strawberry, though," he continued. "What does such a jar retail for? One dollar. Nearly all of that old-fashioned delicacy, preserved ginger, sold in the American stores is obtained from one firm in Canton. It comes in two ways, crystallized and dry, in small boxes and in

"From where are the best prunes imported?"

"Oh, from France. They come packed in boxes and in glass jars. The latter are peculiarly large and fine and used for dessert uncooked, the same as raisins. The Turkish prune is much inferior, but a far more prolific crop. The best table raisins are the bunch Dehese. The brands used mostly for cooking purposes are Valencias, sultanas, Ondaras, and loose Muscatels. The best currents are the Vostizza. The cheaper grades come from Zantee. Dry preserved lemon, citron, and orange peel is prepared mostly in this country, very little being imported. The very finest citron is grown in Spain, and it has the same quality of superiority over American citron that the Spanish melons possess, being thicker and of finer grain. Nearly all fruit glaces are imported from France. Prunellas are brought from Italy to some extent, but most of those used here are grown and dried in California.

"There is considerable demand for foreign cheese. Of course the Switzerkase leads. It is astonishing how many people eat Switzerkase. The other Swiss cheese sold here is Neufchatel. It is all supposed to be made among the picturesque mountains of Switzerland of genuine goat's milk, but lots of the article is manufactured in this country from cow's milk, and some right here in Chicago. A popular dessert cheese is the edam, which is made in Amsterdam. The French goods are the fromage de Brie, fromage de Menauta, and fromage deis Sigits name from the locality where it is manufactured. Another French cheese is the hard, dry cheese brought from Italy and used with macaroni. There is a pretty steady and Stilton. The two latter are small here as it is sent to England. cheeses, flat at each end."

"Do we import any cereals?"

"Oatmeal is brought from Scotland and Ireland to some extent. The very best oatmeal in the world is produced in the little Emerald isle."

"Where are most of the olives grown?" "In Spain and Italy, although some are grown in the south of France. They are prepared for shipping, however, mostly in France. Large houses send buyers yearly through Spain and Italy to contract for the crop. The most of the olive oil is made in Italy, mills for the purpose being common. I know a young Italian in Chicago who last year purchased an olive mill in his native land with his savings for the six years he had been in this country. The millers do not buy the olives of the growers, but grind or press them on shares, after the plan of the old-time flour-makers."

"Are any mushrooms put up in this coun-

try?" "Oh, they are all brought from France. English meadows produce good mushrooms, and this fungi is highly prized there. Truffles are seldom called for. They are used only to give piquancy to the game or fowl stuffing. Snails are asked for but by a few epicures with foreign-acquired tastes. Sardines are shipped from France when not from the coast of Maine, although no genuine sardines are caught along the American coasts, and the Maine fish dubbed with the name are rank and coarse. Teas are more largely Chinese and Japanese."

"Where are capers grown?"

"In France, but they might just as well be grown and bottled in this country, for they are nothing more nor less than the nasturtium seed. There are few country houseseeds and throw them into a weak brine to tackled him on a shortage. keep till the autumn season of mixed-pickle different stages of growth, the smaller and pounds.

most tender being the highest prized and bringing the most money. Nonpareils are the first picking, superfines the second, and capotes the third."

"What do you consider the most important commodity of the American grocery trade?"

"Coffee, by all odds. People could better do without sugar than without coffee. You may think that a strong statement, but it is indisputable. The Americans are a nation of coffee-drinkets. America consumes over one-third of the entire product of the world. No breakfast table, whether in the abode of the rich or of the poor, is considered complete without it. To many persons it is more necessary in the morning than food. Coffee contains valuable medicinal qualities; among others that of being anti-soporific, and therefore useful in cases of narcotic poisoning. It has been found to be one of the very best stimulants for administration to persons who are nearly dying from starvation or cold. Alcoholic stimulants often prove fatal when given under the same circumstances. It is invaluable as a disinfect-

"Do you know when coffee was first used?"

"No one knows that, for it was doubtless used by semi-barbaric tribes long before it was introduced to civilization. There are various legends and accounts given of its discovery. It was probably introduced into Arabia from southern Abyssinia no longer ago than the beginning of the sixteenth century. About fifty years later it became a favorite drink in Constantinople, and the oriental coffee houses were thronged every hour of the twenty-four. The Dutch gave Europeans their first knowledge of it, they having planted some berries on the island of Java. The young trees propagated from a single specimen plant sent to Amsterdam in 1690 furnished the East Indies, while the West Indies were supplied with another young tree which was presented by the magistracy of Amsterdam to Louis XIV., in 1714. It was a most expensive beverage in Europe for a great while. It is said it cost the French government \$15,000 yearly to provide the daughters of Louis XV. with

"In London the first coffee-house was opened by a Greek lad and it met with more violent opposition, crusades more determined than the prohibition movement being instituted against it and the heaviest tax imposed upon our cherished beverage by the legislature. It was called 'hell drink' and 'hell poison,' and divers other profane epithets were applied to it."

"But where is it cultivated now?" interrupted the reporter.

"Over almost all the tropical belt. There are between twenty-five and thirty different kinds of coffee. Brazil is merely in its in fancy now, and it produces one-half the entire coffee crop. The strong coffees, Rio and Santos, are mostly grown there. The west and south are the principal consumers of Rio. The water here and south are so largely filled with lime that it destroys the fine, delicate properties of the mild coffees so prized in New England. You know coffee is divided commercially into two classes mild and strong. A very small amount of Mocha is brought into this country, that sold under the name not being Mocha at all. na, all very nearlp alike, and each taking Why, the entire Arabian crop of Mocha would not supply Chicago alone. Probably only about 7,000 bales of Arabian Mocha are Societe Roquefort. Grated Parmesan is a brought here annually, and about as much more of other brands of Mocha.

"The most prominent of all mild coffees call for English cheese, which is better than is Java. It is raised on the islands of Java the American article, and will be till we and Sumatra, and ranks first in the estimahave as good milch stock and as rich pas- tion of the coffee drinkers in the United turage as they possess in Great Britain. States. Ceylon is the rival of Java, but we The leading kinds are old Gloster, Cheddar seldom get any plantation Ceylon coffee

"Mexico raises some coffee, and there has been a wonderful improvement in the variety grown there in the last five years. California, too, has turned her attention to coffee-growing, but as yet has done nothing more than experiment. There seems no good reason why this most important of all grocery products should not be produced somewhere in our varied climate."

"How much coffee is consumed here year-

"Probably between five and seven hun-

tinctly, however, that they are injurious to health.

Soap trees similar to those growing in China and Japan are said to flourish in Florida. They are prolific bearers of a berry about the size of a marble, which may be used as a substitute for soap just as they are taken from the trees. In Florida, however, they are usually boiled down and cast into bars. It is thought they may be made to grow on Northern farms after a little acclimatization.

A suit for \$5,000 damages has been instituted by a resident of Rome, Ga., against a local grocer who displayed in front of his are injurious to health.

Millet, common.

"German 1 25

Red Top.

Blue Grass.

"2 50

Bluckwheat.

Peas, White Field.

Poas, White Field.

Spring.

"Spring.

"1 00

Red Top.

1 25

Buckwheat.

Spring.

"1 00

Red Top.

1 25

Buckwheat.

Spring.

"1 00

Red Blue Grass.

"2 50

Buckwheat.

Spring.

"1 00

Orther Field.

Spring.

"1 00

Otak, White Russian.

32 b bu 60

Otak, White Russian.

48 b bu 1 00

As parley, Spring.

48 b bu 90

Otak, White Russian.

32 b bu 60

Otak, White Russian.

32 b bu 60

Otak, White Russian.

48 b bu 1 00

As White Russian.

32 b bu 60

Otak, White Russian.

32 b bu 60

Otak, White Russian.

48 b bu 1 00

Otak, White Russian.

32 b bu 60

Otak, White Russian.

48 b bu 90

Otak, White Russian.

60 Otak, White Russian.

6

local grocer who displayed in front of his store a card with the name of the prosecutor on it and the words, "Deadbeat, \$6.38."

"Excuse me, it's simply a weigh I have," wives who do not pick green nasturtium apologized the grocer, when the customer

and mango making. They are picked at pounds to the bushel, and Liverpool sixty

The Grocery Market.

Business has been fair during the past week and collections ditto. Sugars are a sixpence higher and firmer at the advance. Palisade granulated is out of the market for a week or ten days, on account of the exhaustion of the manufactured supply. Other articles in the grocery line are about

Candy is quiet and steady. Fruits are firmer and higher. Nuts are steady and without change, with the exception of almonds, which are a trifle higher.

Miscellaneous Dairy Notes.

F. E. Pickett's cheese factory, at Hilliards, begun operations on the 20th.

Bloomingdale township, Allegan county, vill soon have its fourth cheese factory.

The butterine factories have nearly all shut up for the season, and as a consequence that staple article is now about out a mar-

Freeport Herald: Joseph Post, of Clarksville, was in the village Tuesday looking over this locality with a view of establishing a cheese factory here. A meeting will be held in Union Hall Wednesday evening, April 29, at which time the project will be discussed in all its bearings.

COUNTRY PRODUCE.

Apples-Choice Baldwins, russets and other standard varieties readily command \$3.25@ \$3.50.

Beans-Unpicked command 75@90c, and choice picked find good shipping demand at \$1.25@\$1.35.

Butter-Dairy is easy and not in great demand. Solid packed commands 15@16c, and fresh rolls 16@17c. Creamery finds moderate sale at 25c. Butterine-Solid packed creamery com

nands 22c, while dairy is quoted at 14@15c for solid packed, and 15@17. Clover Seed-Good local shipping demand.

Dealers quote prime at \$5.75. Cabbages-\$5@\$8 \$ 100. Very little moving. Cheese-Michigan full cream readily commands 121/2@13c, while skim find occasional sale

Cider-121/2 @ gal. for common sweet and 15c for sand refined. Cranberries-Bell and bugle firm at \$14 \$ bbl.

and \$3 \$ crate. Dried Apples-Evaporated, 7@8c; common

uarters, 4@41/2c. Eggs-Very plentiful and coming in very reely, dealers holding present stocks at 9@10c. Green Onions-30c ₽ doz. bunches. Honey-Choice new in comb is firm at 13@14c.

Hav-Bailed, \$13@\$14. Lettuce-16c ₩ fb. Onions-\$3.25@3.50 \$\text{P} bbl. for yellow or red. Bermudas command \$3.50 % crate.

Parsnips-35c ₩ bu. Pieplant-7c # 1b.

Pop Corn-Very scarce, the supply not being equal to the demand. Choice commands 4

Potatoes-Weaker, in consequence of heavy receipts in the Eastern and Southern markets. Dealers and shippers now pay but 30@35c. Poultry-Very scarce. Fowls, 9@10c. Chick-

ens, 12@13c. Turkeys, 14c. Radishes-45c \$\ doz. bunches. Spinach-\$1,25 % bu.

Turnips-25c # bu. Timothy-Good shipping demand, dealers olding at \$1.80 for choice

Vegetable Oysters-45c ₽ doz. bunches. GRAINS AND MILLING PRODUCTS.

Wheat-4c higher. The city millers pay as follows: Lancaster, 98; Fulse, 95; Clawson,

Corn-Jobbing generally at 55c in 100 bu, lots and 52c in carlots. Oats-White, 45c in small lots and 41c in car-

Rye-58c ₩ bu. Barley-Brewers pay \$1.25 ₩ cwt.

Flour—Higher. Fancy Patent, \$6.25 \$\text{9}\$ bbl. in sacks and \$6.50 in wood. Straight, \$5.25 \$\text{9}\$ bbl. in sacks and \$5.50 in wood. Meal—Bolted, \$2.75 ₩ bbl. Mill Feed-Screenings, \$15 \$ ton. Bran, \$16 \$ ton. Ships, \$17 \$ ton. Middlings, \$18 \$ ton.

OYSTERS AND FISH.

F. J. Dettenthaler quotes as follows:

	OYS	STER	s.	
New York Counts F. J. D. Selects				
Selects				
Standard				
	FRES			
Codfish				 9
Smelts Mackinaw Trout				 10
Mackerel				 12
Whitefish				

Grand Rapids Grain & Seed Co

SEED MEI	RCHANTS.
WAREHOUSES: Canal St., and Cor. Ionia and Williams Streets.	OFFICE: 71 CANAL ST.
	RAPIDS, April 28, 1885.

**Trench bakers are making large use of vaseline in cake and other pastry. Its advantage over lard or butter lies in the fact that, however stale the pastry may be, it will not become rancid. The council of hygiene disapproves of the practice, on the ground that the derivatives of petroleum contain no nutriment. It does not say discontain no nutriment. It does no

Turks Island salt will average seventy pounds to the bushel, and Liverpool sixty pounds.

FIGURE 10 avoid disappoint ment, please note that above prices are for to-day only; subject market fluctuations. Orders will be filled low as market on arrival. Will make firm offers by wire when requested. Will make from offers by wire when requested. W. T. LAMOREAUX, Agt.

FIGURE 10 avoid disappoint ment, please note that above prices are for to-day only; subject market fluctuations. Orders will be filled low as market on arrival. Will make firm offers by wire when requested. Will make from offers by wire when requested. Taylor's G. M. 5½ (Cap Sheaf. 5½)

WHOLESALE PRICE CURRENT.
These prices are for cash buyers, who pay promptly and buy in full packages.
AXLE GREASE. Frazer's 80 Paragon 60 Paragon, 25 to pails 1 20 Modoc 55
Paragon, 25 lb pans 1 20 Modoc
BLUING. Dry, No. 2
No. 1 Carpet 2 50 No. 2 Hurl 17 No. 2 Carpet 2 25 Fancy Whisk 10 No. 1 Parlor Gem 2 75 No. 1 Hurl 2 00
Clams, 1 b standards
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
CANNED FRUITS. Apples, 3 lb standards
Egg Plums 2 50 Quinces 2 9 Grapes 2 50 Peaches 3 0 Green Gages 2 50
Asparagus, Oyster Bay. 3 25 Beans, Lima, Erie. 1 20 Beans, String, Erie. 1 05 Beans, Lima, standard. 75 Beans, Lima, standard. 75 Beans, Lima, standard. 75 Beans, Lewis' Boston Baked. 1 60 Corn, Erie. 1 15 Corn, Red Seal. 95 Corn, Acme. 1 10 Corn, Revere. 1 10 Corn, Revere. 1 10 Corn, Camden. 1 00 Mushrooms, French, 100 in case. 22 00 Peas, French, 100 in case. 22 00 Peas, French, 100 in case. 23 00 Peas, Beaver. 90 Peas, Beaver. 1 18 Pumpkin, 3 b Golden. 55 29 Soussh Erie. 1 10
Peas, early small, sifted. 1 80 Pumpkin, 3 lb Golden 15 29 Squash, Erie 1 10 Succotash, Erie 1 20 Succotash, Eria 1 20 Succotash, Eria 1 20 Succotash, Eria 1 20

Tomatoes, Red Seal

CHOCOLATE.

CORDAGE.
72 foot Jute 1 25 | 72 foot Cotton ...
60 foot Jute 1 00 | 60 foot Cotton ...
40 Foot Cotton ... 1 50 | 50 foot Cotton ...

Hanbut Herring ½ bbls. Herring, Scaled. Herring, Holland...

Herring, Holland.

Mackerel, No. 1, ½ bbls.

Mackerel, No. 1, 12 b kits.

Mackerel, No. 1, shore, ½ bbls.

Mackerel, No. 1, shore, kits.

Shad, ½ bbl.

Trout, No. 1, ½ bbls.

Trout, No. 1, ½ bbls.

White, No. 1, ½ bbls.

White, No. 1, ½ bbls.

White, No. 1, 12 b kits.

White, No. 1, 10 b kits.

White, No. 1, 10 b kits.

8 oz. No. 2 Taper. No. 4 '/2 pint round.

 Apples, Michigan
 4½65

 Apples, Dried, evap., bbls
 677

 Apples, Dried, evap., box
 688

 Cherries, dried, pitted
 616

 Cityen
 625

Water White.....12¼ | Legal Test...... 10½

 Black Strap.
 14@16@18

 Porto Rico
 28@30

 New Orleans, good
 38@42

 New Orleans, choice
 48@50

 Steel cut.
 6 00 Quaker, 48 lbs.
 2 35

 Steel Cut.
 ½ bbls.
 3 25 Quaker, 60 lbs.
 2 50

 Rolled Oats.
 3 60 Quaker bbls.
 6 50

 PICKLES.

MOLASSES.

Bloaters, Smoked Yarmouth....

.36 German Sweet..... .38 Vienna Sweet

Ki

Pocket, F F Dairy	2 45 2 35 2 65 98	Lorillard Gail & A
ginaw Fine amond C. undard Coarse. hton, English, dairy, bu. bags. hton, English, dairy, 4 bu. bags. ggins' English dairy bu. bags.	1 60 1 55 78 2 80	Railroad Lotzbeck
ck, bushels	2 80 75 25 28	Pure Cid
risian, ½ pints. pper Sauce, red small pper Sauce, green sper Sauce, green sper Sauce, green, large ring pper Sauce, green, large ring tsup, Tomato, pints tsup, Tomato, quarts rrseradish, ½ pints rrseradish, pints liford Sauce, ½ pints liford Sauce, ½ pints lad Dressing, Durkee's, large lad Dressing, Durkee's, small SOAP.	@2 00 @ 75 @ 90	Boraxine 1776 \$ fb Gillett's Pearline
sper Sauce, red large ring pper Sauce, green, large ring tsup, Tomato, pints	@1 35 @1 70 @1 00	Lavine, Lavine, Lavine, Lavine,
tsup, romato, quarts orseradish, ½ pints orseradish, pints llford Sauce, pints	@1 35 @1 00 @1 30 @3 50	Lavine, a Soapine,
lford Sauce, ½ pints. lad Dressing, Durkee's, large lad Dressing, Durkee's, small	@3 50 @2 20 @4 85 @2 90	Soapine, Soapine, Twin Bro
" " Cameo	@4 85 @3 30 @3 45	Magic Bath Bri
" " Mascot " Superior, 60 1 lb bars rk's American Family	@3 45 @3 60 3 60 3 30	Barley Burners, do
o. Savon lo. Satinet lo. Revenue	3 15 3 30 3 15	Condens Cream T Candles, Candles
lo. Savon lo. Satinet lo. Revenue lo. White Russian loctor & Gamble's Ivory do. Japan Olive do. Town Talk do Golden Bar	4 85 6 75 2 80 3 60	Candles, Extract do Gum, Ru Gum, Ru
do. Arabdo. Amber	4 10 3 35 3 60 3 60	Gum, Ru Gum, Sp Hominy, Jelly, in
	@3 15 @3 20 @3 00	Gum, Sp Hominy, Jelly, in Peas, Gr Peas, Sp Powder, Powder,
octer & Gamble's Velvet. octer & Gamble's Good Luck. octer & Gamble's Wash Well. dger	@ 6¼ @4 05 @18¾ @ 16	C Putnar
ard's White Lily	@6 75 @4 20 5 25 4 00	Straight Twist, Cut Loaf
bbitt's sh Rag uing uing gnetic w French Process	5 00 4 10 4 50	Royal, 25 Royal, 20 Extra, 25 Extra, 20
tti-Washboard	5 00 5 00 3 25 4 00	Cut loaf.
giettsburghspices. Groundwhole.	4 00	Broken, Broken,
SPICES. Whole.	. @19 . 8@10 . @10 .60@65	Sour Dro Peppern Chocolat
nger	. @18	H M Cho Gum Dr Licorice
STARCH. ngsford's, 1 b pkgs., pure	$\begin{array}{c} @6\frac{1}{2} \\ @6\frac{1}{2} \\ @8 \end{array}$	Lozenge Lozenge Imperia
" 6 b pkgs., " " " 1 b pkgs., Corn Starch (Bulk) Ontario	@8½ @8 @5 @6	Mottoes Cream I Molasses Caramel
" " 3 b boxes " " 6 b boxes " bulk	@5¾ @6½ @4½ @6½	Hand Ma Plain Co Decorate
" " 6 b boxes." " " bulk " Corn, 20 b " " 40 b lbert's Gloss, 1 b " 6 b " Linen Gloss, 3 b " Crystal " bulk " Corn, 1 % st Loaf	@6½ @6¼ @5¾ @6	String R Burnt A Winterg
" Linen Gloss, 3 D. " Crystal " bulk. " Corn, 1 8	@51/4 @4 @6	Lozenge Lozenge Lozenge Lozenge
t Loaf	@ 6% @ 6% 6@ 6%	Chocolat Gum Dr Gum Dr
anulated, Standard infectionery A andard A ttra C, White ttra C	@ 6% @ 6 @ 5% @ 5%	Moss Dro Moss Dro Sour Dro Imperial
ctra Č'	@ 5% @ 5% @ 5	Imperial Bananas Oranges
rn, Barrels	26 28 @ 32	Oranges Lemons, Lemons,
rn, 5 gallon kegs rn, 4½ gallon kegs rre Sugar bbl 2 rre Sugar Drips ¼ bbl 2	@1 66 @1 45 3@ 35 80@ 38	Figs, lay Figs, bas Dates, fr Dates, ½ Dates, s.
rn, to gallon kegs. rn, 5 gallon kegs. rn, 4½ gallon kegs. tre Sugar	@1 96 @ 85 @1 85	Dates, 8 Dates, 1/2 Dates, F Dates, F Dates, P
pan fair to good	40(0)50	Dates, P Prime H Choice
pan dust. ung Hyson in Powder olong 33(15@20 30@50 35@50 @55@60	Fancy Choice V Fancy H
ongo	35	Almond Brazils, Pecons.
imber 62 Mule Eardian Queen 60 Fountain all Dog 60 Old Congress	65 64	Filberts Walnuts Walnuts
own Leaf 66 Good Luck	52 35 30	Perkin
TOBACCO—FINE CUT—IN PAILS. ate Seal	63 35 66	Green Part cu Full cur Dry hide
per Heidseick	@62 @40 @46	Shearlir mer sl
oodcock nignts of Labor rab, 2x12 and 4x12 lack Bear	@46 @46 @46 @37	Fine wa
ld Five Cent Times	@46 @38 @62	Bear Fisher
rune Nuggett, 12 b arrot ld Time amway lory	@46 @38 @48 @46	Fisher Fox, red Fox, gr Martin Mink
urham lver Coinuster [Dark]	@48 @50 @36	John prices a
lack Prince [Dark]eggett & Myers' Stareimax	@36 @36 @46 @46	prices a Fresh H Fresh B Dressed
urham lver Coin uster [Dark] lack Prince [Dark] lack Racer [Dark] leggett & Myers' Star limax old Fast cAlpin's Gold Shield ickle Nuggets 6 and 12 fb cads obby Twist imrod corn	@46 @46 @51 @37	Wutton Veal Pork Sa Bologna
obby Twist imrodcorn	@46 @46 @46 @44	Chicker
rescent lack X lack Bass	@35 @40 @46	The G
rayling ackinaw orse Shoe air Lifter	@46 @45 @44 @36	A. Web Clear be Extra F Clear, A Standar
air Lifterand D., blackcAlpin's Green Shieldce High, blackidlors' Solace	@36 @46 @35 @46	Standar Extra (Boston
2c. less in four butt lots. SMOKING ramway, 3 oz40 Uncle Sam		Short C
uby, cut Cavendish 35 Lumberman oss	25 38 18 25	Extra I Extra S Extra I Extra S
forning Dew 26 Old Rip hain 22 Seal of North C eerless 25 ina, 2 oz tandard 29 Seal of North C	55 aro- 48	Bellies, Bellies, Bellies,
2c. less in four butt lots. SMOKING ramway, 3 oz 40 Uncle Sam uby, cut Cavendish 35 Lumberman oss 15 Railroad Boy. eck's Sun	46 aro- 41	Boneles Boneles Breakf
raveler	es40 27	Dried E Dried E Shoulde
folland	ze24 28	Tierces 30 and 5 50 fb Ro
ong Tom 30 Zero (ational 26 Holland Mixed. Time 26 Golden Age.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20 th Ro 3 th Pai 5 th Pai
onqueror 23 Mail Pouch trayling 32 Knights of Lak eal Skin 30 Free Cob Pipe tob Roy 28	or25 30	Extra I Bonele
shorts. slobe 21 Hiawatha fule Ear 23 Old Congress CIGARS.	22	Pork S Ham S Tongue
dichigan Chief	@60 00 @60 00 @57 00	Blood Bologn
a Industria. Parker Promenade Old Judge.	@50 00 @50 00 @35 00 @35 00	Bologn Head (
Pamina Comforter.	@25 00 @20 00	In half In qua

GATE TO THE STREET OF THE STREET	
SNUFF. Lorillard's American Gentlemen	@ 75
Gail & Ax'	@ 55 @ 44
Gail & Ax Rappee Railroad Mills Scotch	@ 35 @ 45
Lotzbeck	@1 30
VINEGAR.	9@19
Pure Cider 8@12 White Wine WASHING POWDERS.	0012
	@3 75
Fillett's # 1b	@ 71/4
Goraxine 776 \$\psi\$ \$\text{b}\$ Hillett's \$\psi\$ b Pearline \$\psi\$ box. Lavine, single boxes, 48 1 \$\psi\$ papers. Lavine, 5 or more boxes, 48 1 \$\psi\$ papers. Lavine, 5 or more boxes, 100 6 oz papcrs. Lavine, single boxes, 80 \(\frac{1}{2}\) b papers. Lavine, 5 or more boxes, 80 \(\frac{1}{2}\) b papers. Lavine, 5 or more boxes, 80 \(\frac{1}{2}\) b papers. Soapine, No. 1. Soapine, No. 2. Soapine, No. 3. YEAST. Twin Bros. 1 65 Wilsons	@ 7½ @4 50 @4 50
Lavine, 5 or more boxes, 48 1 lb pap'rs	@4 25 @4 25 @4 25 @4 15 @4 00 @3 60
Lavine, single boxes, 100 6 oz papers.	@4 50 @4 25
Lavine, single boxes, 80 ½ th papers	@4 15
Soapine, No. 1	@3 60
Soapine, No. 2	@3 84 @4 20
YEAST.	104 20
Magic 1 75 National	1 65
Bath Brick imported	95
Barley Surners, No. 1 do No. 2 Condensed Milk, Eagle brand	60 @3
do No. 2	1 00 1 50
Condensed Milk, Eagle brand	8 00
Candles, Star	15@25 @13½
Extract Coffee V C	@14 @80
Condensed Mink, Eagle brand. Cream Tartar 5 and 10 to cans. Candles, Star. Candles, Hotel. Cattract Coffee, V. C. Gum, Rubber 100 lumps. Gum, Rubber 200 lumps. Gum, Bubber 200 lumps.	1 25
Sum, Rubber 200 lumps	@30 @40
Gum, Rubber 200 lumps. Gum, Spruce. Hominy, & bbl. lelly, in 30 lb pails.	30@35 @4 00
elly, in 30 to pails	@ 5
Peas, Split prepared	@1 35 @ 3½
Peas, Green Bush. Peas, Split prepared. Powder, Keg.	@ 3½ @3 50 @1 93
Putnam & Brooks quote as follows: STICK.	5.
Straight, 25 fb hoxes	9 @ 9½ 9½@10
l'wist, do	@12.
Royal, 25 % pails	91/2@10
Royal, 200 fb bbls	. @ 9
Extra, 200 to bbls.	.10@10½
Cut loaf, 25 fb cases	13
Broken, 25 th pails	.11@111/2
Royal, 25 fb pails. Royal, 200 fb bbls. Extra, 25 fb pails. Extra, 25 fb pails. Extra, 25 fb pails. French Cream, 25 fb pails. Dut loaf, 25 fb cases. Broken, 25 fb pails. Broken, 200 fb bbls. FANCY—IN 5 fb BOXES. Lemon Drops.	1072
Sour Drops	15
Peppermint Drops	15
H M Chocolate Drops	20
Gum Drops	10
A B Licorice Drops.	12
FANCY—IN 5 D BOXES. Lemon Drops Sour Drops Peppermint Drops Chocolate Drops H M Chocolate Drops Gum Drops Licorice Drops Lozenges, plain Lozenges, printed Imperials Mottoes	16
Imperials	15
Mottoes Cream Bar Molasses Bar Caramels Hand Made Creams	14
Caramels	20
Hand Made Creams	20
Decorated Creams	22
Burnt Almonds	15
Plain Creams. Decorated Creams. string Rock. Burnt Almonds. Wintergreen Berries. FANCY—IN BULK.	15
Lozenges, plain in pails.	21/2@13

Plain Creams	
Decorated Creams	
String Rock	15
Burnt Almonds	
Wintergreen Berries	
Willedgreen Dellies.	-IN BULK.
Tanon mag main in mai	IN BULK.
Lozenges, plain in pai	ls12½@13
Lozenges, plain in bbl	s11½@12
Lozenges, printed in p	ails131/2@14
Lozenges, printed in 1	obls121/6@13
Chocolate Drons, in na	ils 12 @14
Gum Drops in pails	
Gum Drops, in bbls	61/6
Moss Drops, in pails	1014@1114
Moss Drops in bble	9
Sour Drope in paile	12
Imposible in pails	19@ 14
Imperials, in pans	13@_14
imperiais in obis	@12
FR	UITS.
Bananas, Aspinwall	2 50@4 00
Oranges, Messina and	Palermo
Oranges, California	3 00@3 50
Lemons, choice	
Lemons, fancy	4 25@4 50
Figs lavers new 30 th	@12½
Fire harkets 10 th 30 th	@ 8
Dotos froils	
Dates, Italis do	0 4 0 6 0 4
Dates, 4 do do	@ 6
Dates, skin	
Dates, ½ 8KIII	(60 5)
Dates, Fard 10 to box {	8 tb 8½@ 9
Dates, Fard 50 fb box 4	8 fb @ 7
Dates, Persian 50 to bo	x \$ b @ 61/2
PEA	NUTS.
Prime Red, raw \$ 1b.	41/2
Choice do do	
Choice do do . Fancy do do .	51/4@ 51/2
Choice White, Va.do	5@ 5%
Fenor H D Vo do	96 3½.
Fancy H P,. Va do .	6 @ 6½
N N	UTS.
Almonds, Terragona,	₩ fb 17@18
Brazils,	do 8@ 8½ do 9@12
Pecons,	do
Brazils, Pecons, Filberts, Sicily Walnuts, Grenobles	do121/2@14
Walnuts, Grenobles	do
Walnuts, French	"

	-	7411-441	
HIDES.	PELT	S AND FURS.	
Perkins & Hes			
101111110 14 1100		DES.	
Croon 20 th 6		Calf skins, green	
Part cured 7			@10
Full cured 8	@ 81/4	Deacon skins.	
Dry hides and		₩ piece20	@50
kips 8	@12	o precentition	000
	SHEEP	PELTS.	
Shearlings or Su	m-	Fall pelts	30@50
	e10@20	Winter pelts	
		OL.	
Fine washed # 1	b 20@22	Unwashed	2-3
		Tallow	
	SKI	NS.	
Bear	@12 00	Muskrat	200 10
		Otter 1 0	000 4 00
			5@ 75
		Skunk 1	
		Beaver, # 15.1 0	
Mink	40	Deer, \$ b 1	0@ 30

	FRES	H MEA	TS.		
	Mohrhard	quotes	the	trade	selling.
	s follows:		*		
Fresh I	Beef, sides			6	@ 8
Fresh I	Beef, hind q	uarters.			@ 81/2
	Hogs				
Mutton	, carcasses.			7	@ 71/2
Veal				7	@ 8
Pork Sa	ausage			8	@ 9
Bologna	a			9	@10
Chicker	18			14	@15
Turkey	s				@15
	-				
	PR	OVISIO	NS.		

	Chickens
	Turkeys
	PROVISIONS.
	The Grand Rapids Packing & Provision Co
-	quote as follows:
	PORK IN BARRELS.
	A. Webster, packer, short cut
	Clear back, short cut
	Extra Family Clear
	Clear, A. Webster packer
	Standard Clear, the best
	Extra Clear, heavy
	Boston Clear
	DRY SALT MEATS-IN BOXES.
	Short Clears, heavy 75
	do. medium 71
2	do. light 75
-	Extra Long Clear Backs, 600 fb cases 8
)	Extra Long Clear Dacks, ood in cases

;	do. light	71
1	Extra Long Clear Backs, 600 fb cases	8
1	Extra Short Clear Backs, 600 to cases	81
	Extra Long Clear Backs, 300 fb cases	81
1	Extra Short Clear Backs, 300 to cases	83
4	Bellies, extra quality, 500 to cases	71
1	Bellies, extra quality, 300 to cases	8
		0
,	Bellies, extra quality, 200 to cases	
	SMOKED MEATS—CANVASSED OR PLAIN.	
3	Boneless Hams	10
	Boneless Shoulders	73
	Breakfast Bacon	9
	Dried Beef, extra quality	
)	Dried Beef, Ham pieces	
1	Shoulders cured in sweet pickle	6
	LARD.	
,	Tierces	7
	20 and 50 th Thuba	8
Ł	30 and 50 to Tubs	8
3	50 to Round Tins, 100 cases	8
5	LARD IN TIN PAILS.	
3	20 th Round Tins, 80 th racks	8
3	3 th Pails, 20 in a case	8

	Lateb.
	Tierces 7
	30 and 50 th Tubs 8
1	50 to Round Tins, 100 cases
1	LARD IN TIN PAILS.
1	20 th Round Tins, 80 th racks 8
	3 1b Pails, 20 in a case 8
,	5 th Pails, 6 in a case
	10 to Pails, 6 in a case
	BEEF IN BARRELS.
'	Extra Mess Beef, warranted 200 lbs11
	Boneless, extra
	SAUSAGE-FRESH AND SMOKED.
	Pork Sausage
3	Ham Sausage19
	Tongue Sausage 10
)	Frankfort Sausage10
)	Blood Sausage
)	Bologna, ring
)	Bologna, straight

PIGS' FEET.

Bardware.

Rules for Management and Care of Steam Boilers.

1. Condition of water. The first duty of an engineer, when he enters his boiler room in the morning, is to ascertain how many gauges of water there are in his boilers. Never unbank or replenish the fires from neglect of this precaution.

2. Low water. In case of low water, imnot turn on the feed under any circumstan- they may have learned something. ces, nor tamper with or open the safety valve. Let the steam outlets remain as they

water. If that level is sufficiently high, feeding and blowing will usually suffice to correct the evil. In cases of violent foaming, caused by dirty water, or change from salt to fresh, or vice versa, in addition to the action before stated, check draft and cover fires with fresh coal.

4. Leaks. When leaks are discovered

5. Blowing off. Blow off eight or ten night would be better. In case the feed becomes muddy, blow out six or eight inches trying kind to the ingenous inventor. every day. Never blow entirely off except when boiler needs scraping or repairing, opened for a few moments at a time.

hot boilers, is very injurious from sudden contraction.

en that no water comes in contact with exteother causes.

pipe, the collection of mud or sediment in the rear end should be often removed.

cautiously and frequently, as they are liable to become fast in their seats, and useless for the purpose intended.

10. Safety valve and pressure gauge. Should the gauge at any time indicate an purchased.

11. Gauge cocks, glass gauge. Keep gauge gauges should not be relied on altogether.

the case may require.

13. Clean sheets. Particular care should be taken to keep sheets and parts of boilers cost of application. exposed to the fire perfectly clean, also all tubes, flues, and connections well swept. This is particularly necessary where wood or soft coal is used for fuel.

14. General care of boilers and connecroom in a neat condition.

Superiority of American Tools.

At first sight, the wood-cutter who has swung the heavy and uncouth axe of Europe with the belief that weight and clumsiness are synomyous with force, may smile at the, to him, daintiness of the American axe, but when he finds that with half the exertion expended on the ruder he can accomplish twice the work with the implement, and that the latter will outlast the former, it seems to him like a revelation. Thus through the whole category of American tools and utensils the same principle prevails, and it only requires proper effort for the instruction of those steeped in primitive usage and prejudiced against all innovation to bring our manufactures into general use.

Of course the matter of cost is a great factor in this question, for to the old-world artisan, whose wages are made up of pennies, so to speak, the dearness of American tools as compared with those made at his village smithy seems insurmountable. But if he is shown that our "dear" tools are cheaper in the end than his own cheaper ones, and that he can accomplish far more, with far less waste of time and strength, by using the finer tools, he will, of course, purchase the latter. The obstacles, therefore, to the general use of American hand tools of all sorts are ignorance and prejudice born of ignorance. Let us remove the first by patient and positive education, and the second, prejudice, will immediately disappear.

The experiment of making doors with one side white pine, to be painted, and the other not proved a success. The two woods do

assume a rainbow shape. plated, and is said to be the result of three combinations.

Use Of Petroleum as Fuel.

From the Mining and Engineering Journal. A considerable degree of activity seems to prevail at the present moment among that ingenious and speculative fraternity whose field lies in the adaption of petroleum to general use as a fuel in all sorts of industrial operations. It is a matter of some interest to those who keep the log for these men, to note the fact that there are at least three until this is done. Accidents have occurred, points involved in the usual methods of and many boilers have been entirely ruined treatment of crude oil as an industrial fuel, upon one or all of which they stumble, either through an absolute want of information mediately cover the fires with ashes, or if or by reason of an entire misapprehension no ashes are at hand, use fresh coal. Do of facts of which, in a fragmentary way,

One of these stumbling blocks is the effect of "super-heating" upon steam, which is so largely used by oil experimenters, and which 3. In case of foaming. Close throttle and by so many is believed to be completely however worthless; to-day they are comkeep closed long enough to show level of transformed into hydrogen by the trifling superheat which they impart to it.

Another halting place is found in the quantity of heat needed to vaporize the oil, so that it shall be burned with some freedom and hence in such quantity as to really appear to be doing actual work. This heat is they should be repaired as soon as possible. to be in the fire box or heating chamber, and inches at least once a week; every Saturday done—and that there should be this large

and then not until fire has been drawn for fixed gas from oil, in order that the fuel my at least ten hours, as boilers are ofter seri- be thus readily distributed over a wider area ously injured or ruined by being emptied in a works, and rendered more completely when the walls are hot. When surface applicable to the various purposes for which blow cocks are used, they should be often it is intended. This difficulty lies in the length of time during which the vapor or gas 6. Filling up the boiler. After blowing in process of formation, must be kept or redown, allow the boiler to become cool be- tained, in its passing through the hot retorts, fore filling again. Cool water, pumped into in order that it may be fully transformed into the new series of hydrocarbon combinations due to the changes of temperature. 7. Exterior of boiler. Care should be tak- The anxiety to get a large production of gas leads to the over-crowding of the retorts, to rior of boiler, either from leaky joints or a rapid cooling, or to an excessive and unexpected consumption of fuel beneath them, 8. Removing deposit and sediment. In to a tarry development that will not be tubular boilers the hand-holes should be checked, to a choking (with soot and coke) often opened, and all collections removed of the smaller passages, and at length to a from over the fire. Also, when boilers are suspension of operations, and a drawing of fed in front and blown off through the same fresh breath, so soon to be expended again by some in the chase after the same game, either with a fresh outfit, the rents and wear 9. Safety valves. Raise the safety valves and tear having been mended, or over a field wholly new.

Those who study accurately this particular line of industrial effort know that the absolute nature of the oil used is such as to shut out even the pretense of a paying use excessive pressure, see that the safety valves of it in any of these ways except in the very are blowing off. In case of difference, no- rare cases of a combination of special need tify the parties from whom the boiler was of quality in the flame, and an unusual range of prices. That so many experimenters can be found who ignore or deny this fact, can cocks clear and in constant use. Glass be accounted for upon hardly any ground more rational than that they merely know 12. Blisters. When a blister appears that oil burns with a hot flame and that there must be no delay in having it careful- hence they suppose it can be used for any ly examined, and trimmed, or patched, as kind of heating without reference to the quantity of heat which must be developed in any give case, or to its intensity or to the

Black Birch for Inside Finish.

tions. Under all circumstances keep the it is certainly one of the handsomest of the gauges, cocks, etc., clean and in good order, many varieties of woods that are being inand things generally in and about the engine troduced into new houses, while the cost is much less.

Black birch is a close-grained wood, and much cheaper than either walnut or cherry. There is a great difference in the quality and color of birch, that growing upon high and dry land being hard and susceptible of good polish while the growth on swampy land is soft, and therefore not well suited for the purposes the upland product so admirably fills. The editor of the Scientific American says: "The writer in constructing a new house last year had birch folding doors introduced against the protest of his architect, who had never heard of birch wood being used for that or any other analogous purpose. The result is most satisfactory to all parties, and to none of us more than the architect, who preferred the use of walnut or cherry. Possibly the builder took especial care in the selection of his material, so as to convince the architect of his error and his (the builder's) superior knowledge; but, however that may be, the black birch doors which in texture resemble satin wood, and in color dark cherry, are the admiration of every one who has seen them.

"Birch grows in our northern latitude, and the trees attain considerable height and size in localities, and there is a species of bird's-eye birch which is well calculated for furniture. It resembles birds'-eye maple, and when polished it possesses that sheen which renders satin wood so pleasing to the eye. We predict for black birch an important place among the fancy woods for house

finishing and furniture." A colossal steam boiler, recently built at yellow pine, to be finished in the grain, has Wiessenthal, in the Grand Duchy of Baden, is believed to be the largest in the world. It not work together, and the doors are apt to weighs 40 tons, and the builder celebrated the completion of it in a manner at once odd An English lockmaker has constructed a and becoming. He gave his workmen a key which he claims is capable of opening lunch in its bowels. Covers were spread 22,600 patent lever locks, all of which differ upon a table for thirty persons, and in their wards or combinations. As describ-racks for crockery and things to eat were ed, the key weighs three ounces, is nickel put along the sides. It was not with the utmost ease that the workmen got into the years' labor on the part of the inventor in dining hall, since they were obliged to slip making drawings of the different wards and through an opening in the top about three feet square.

In our age there is not a man born who enough, I cannot be taught anything that I enough, I cannot be taught anything that I do not know." Nobody, in any trade, can Hotchkiss dis cocks. the markets of the world for certain products of their industries; they thought themselves invincible on that line; that their goods would forever command the market, Heller's Horse Rasps..... not only equalled, but in many respects exnot only equalled, but in many respects excelled by those of America and Germany, Stanley Rule and Level Co.'s......dis

his coat of arms painted on the panels of his carriage, with the Latin motto "Vidi," which by interpretation is "I saw."

1	The Newaygo Manufacturing Co. quot	.61.	U
	b. cars as follows:		
ı	Uppers, 1 inch	\$44	0
1	Uppers, 14, 1% and 2 inch	46	00
	Selects, 1 inch	35	0
	Selects, 14, 14 and 2 inch	38	0
	Fine Common, 1 mcn		
	Shop, 1 inch	20	
	Shop, 1 inch	32	0
١	No. 1 Stocks, 12 in., 12, 14 and 16 feet	15	0
	No. 1 Stocks, 12 in., 12, 14 and 16 feet No. 1 Stocks, 12 in., 18 feet	16	0
	No 1 Stocks, 12 in., 20 feet	17	0
	No. 1 Stocks, 10 in., 12, 14 and 16 feet	15 16	0
	No 1 Stocks 10 in 18 Teel		0
	No. 1 Stocks, 10 in., 20 feet	17	0
ı	No. 1 Stocks, 8 in., 12, 14 and 16 feet	16	0
	No. 1 Stocks, 8 in., 18 feet	17	0
	No. 1 Stocks, 8 in., 20 feet No. 2 Stocks, 12 in., 12, 14 and 16 feet	12	0
	No. 2 Stocks, 12 in., 12, 14 and 16 feet	13	0
	No. 2 Stocks, 12 in., 18 feet	14	0
	No. 2 Stocks, 12 in., 20 feet No. 2 Stocks, 10 in., 12, 14 and 16 feet	12	0
	No. 2 Stocks, 10 in., 12, 14 and 10 rect No. 2 Stocks, 10 in., 18 feet	13	
	No. 2 Stocks, 10 III., 16 feet.		ŏ
	No. 2 Stocks, 10 in., 20 feet	11	0
	No. 2 Stocks, 8 in., 18 feet	12	0
	No. 2 Stocks, 8 in. 20 feet	13	0
	No. 2 Stocks, 8 in., 20 feet		
,	widths and lengths8 00	@ 9	0
	A and B Strips, 4 or 6 in	99	·U
,	C Strips. 4 or 6 inch	27	
-	No 1 Concing all lengths	15	
	No. 2 Fencing 12, 14 and 18 feet	12	
L	No. 2 Fencing, 16 feet	12	
,	No 1 Fencing, 4 Inch	15 12	
	No. 2 Fencing, 4 inch Norway C and better, 4 or 6 inch Bevel Siding, 6 inch, A and B	20	
	Norway C and better, 4 or 6 inch	18	
1	Bevel Siding, 6 inch, A and B	14	
	Bevel Siding, 6 inch, C Bevel Siding, 6 inch, No. 1 Common		ő
		20	
,	Piece Stuff, 2x4 to 2x12, 12 to 16 ft. \$1 additional for each 2 feet above 16 ft. Dressed Flooring, 6 in., A. B.	10	0
	\$1 additional for each 2 feet above 16 ft.		
	Dressed Flooring, 6 in., A. B	36	
-	Dressed Flooring, 6 In. C	(40)	
	Duesged Flooring & in No 1 common	17	
	Dressed Flooring 6 in., No. 2 common Beaded Ceiling, 6 in. \$1 00 additinal.	14	0
1	Beaded Ceiling, 6 in. \$1 00 additional.		
	Thresped Flooring, 4 In., A. Danu Clear	35	
9	Dressed Flooring, 4 in., C Dressed Flooring, 4 or 5 in., No. 1 com'n	26	
	Dressed Flooring, 4 or 5 in., No. 1 com'n	16	
	Drossed Flooring, 4 or 5 In., No. 2 COIII II	14	U
	1 Readed Ceiling 4 inch. \$1 00 additional.		3
	(XXX 18 in. Standard Shingles		2
	XXX 18 in. Thin	0	6

WHOLESALE PRICE CURRENT.

Prevailing rates at Chicago are as follo	ws:
AUGERS AND BITS.	
Ives', old styledis	60
Ives, old styledis	60
N. H. C. Co. dis Douglass' dis	60
Douglass	60
Pierces' dis	60
Snell'sdis	
Cook'sdis40	25
Jennings', genuinedis	
Jennings', imitationdis40	X10
BALANCES.	25
Springdis	100
BARROWS.	2 00
Railroad \$ 1	2 00
Gardennet 3	3 00
BELLS.	0.40
Handdis \$ 60	
Cowdis	60
Calldis	15
Gongdis	20
Door, Sargentdis	55
BOLTS.	40
Stovedis \$	40
Carriage new listdis	75
Plowdis 30	&10
Sleigh Shoedis Cast Barrel Boltsdis	75
Cast Barrel Boltsdis	50
Wrought Barrel Boltsdis	55
Cast Barrel, brass knobsdis	50
Cast Square Springdis	55
Cast Chaindis	60
	&10
	&10
Wrought Sunk Flushdis Wrought Bronze and Plated Knob	30
Wrought Bronze and Plated Knob	
Flush 50&10	
Ives' Doordis 50	810
BRACES.	
Barberdis \$	40
Backusdis	50
Spofforddis	50
Am. Ball,dis	net
	1100
BUCKETS.	1 00
	4 00
11 011, 21121011111111111111111111111111	4 50
BUTTS, CAST.	

BRACES.	
Barberdi	
Backusdi	s 50
Spofforddi	s 50
Am. Ball,di	is net
BUCKETS.	
Well, plain	\$ 4 00
Well, plain	. 4 50
BUTTS, CAST.	
Cast Loose Pin, figureddi	s 60&10
Cast Loose Pin, Berlin bronzeddi	s 60&10
Cast Loose Joint, genuine bronzed. di	s 60&10
Wrought Narrow, bright fast jointd. Wrought Loose Pindi	is 50&10
Wrought Loose Pin di	s 60
Wrought Loose Pin, acorntipd	is 60& 5
Wrought Loose Pin, japannedd	is 60& 5
Wrought Loose Pin, japanned, silver	15 00th 0
tippedd	is 60& 5
Wrought Tabledi	s 60
Wrought Inside Blinddi	s 60
Wrought Brassd	
Blind, Clark'sd	
Blind, Parker'sd	is 70&10
Blind, Parker S	is 70
Blind, Shepard'sdi Spring for Screen Doors 3x2½, per gro	ss 15 00
Spring for Screen Doors 3x2/2, per gro	ss 18 00
Spring for Screen Doors 3x3per gro	SS 18 00
CAPS.	
Ely's 1-10pe	er m \$ 65
Hick's C. F	60
G. D	35
Musket	60
CATRIDGES.	
	list 50
Rim Fire, U. M. C. & Winchester new Rim Fire, United States	dis 50
Rim Fire, United States	018 00
Central Fire	dis 1/3
CHISELS.	
Socket Firmerd	is 75
Socket Framingd	is 75
Socket Cornerd	is 75
Socket Slicksd	
SOCKEL BIICKS	10

Butchers' Tanged Firmer. Barton's Socket Firmers. do not know." Nobody, in any trade, on now-a-days dispense with trade papers; any tradesman or manufacturer or technician who would undertake to wrap himself up in the normal stock of this own stock of the normal stock of the the self-sufficiency of his own stock of knowledge, would soon experience its utter insufficiency. History shows us by striking examples—and we need not go back over many ages—the perversity and the sad concern the perversity American File Association List.....dis Disston's New American Nicholson's however worthless; to-day they are compelled to admit that their manufacture is not only equalled, but in many respects expects of the control of the contro and are actually losing ground on all sides. It is the generalization and popularization, by the trade papers, of knowledge in trade matters which has brought about such a turn Stanley Rule and Level Co.'s...dis 50 HAMMERS. Maydole & Co.'s...dis 20 Kip's....dis 25 Yerkes & Plumb's...dis 40 Mason's Solid Cast Steel...30 c list 40 Blacksmith's Solid Cast Steel, Hand. 30 c 40&10 pear to be doing actual work. This heat is obviously derived from, and absorbed out of, the store of heat which is produced or ought to be in the fire box or heating chamber, and in which the useful work if any, must be done—and that there should be this large absorption is an obscure puzzle of a very trying kind to the ingenous inventor. Still a third difficulty is encountered by those who attempt to make what they call a fixed gas from oil, in order that the fuel my be thus readily distributed over a wider area in a works, and rendered more completely in a works, and rendered more completely. A prominent American lumberman had in the fuel my be thus residued to the pressure present the product of the pressure present the fixed gas from oil, in order that the fuel my be thus readily distributed over a wider area in a works, and rendered more completely in a works, and rendered more completely a point of the pressure present in the fixed gas from the fixed gas from

MAULS. Sperry & Co.'s, Post, handled...... dis 50 ROPES. Sisal, 1/2 ln. and larger..... 71/2 Manilla.

SQUARES. Steel and Iron. SHEET IRON.
Com. Smooth. Com.
\$4 20 \$2 80
2 80

77	NOS. 10 to 14 \$2 20 \$2	0
	Nos. 15 to 17 4 20 2	10
25	Nos. 18 to 21 4 20 2	30
-	Nos. 15 to 17 4 20 2 Nos. 18 to 21 4 20 2 Nos. 22 to 24 4 20 2 Nos. 22 to 24 4 20 2	30
00	Nos .25 to 26 4 40 3	0
00	No. 27 4 60 3	
00	All sheets No. 18 and lighter, over 30 inches	
	wide not less than 2-10 extra.	-
10		
60	SHEET ZINC.	
15	In casks of 600 tbs, \$ tb 6	
20		/2
55	TINNER'S SOLDER.	
	No. 1, Refined	
40	Market Half-and-half 15)0(
75	Strictly Half-and-half 16	
75	TIN PLATES.	
75	Cards for Charcoals, \$6 75.	
50	IC, 10x14, Charcoal 6	
55	IX. 10x14.Charcoal 8	
50	IC. 12x12. Charcoal 6	50
55	IX, 12x12, Charcoal 8	50
60	IC. 14x20, Charcoal 6	06
10	IX, 14x20, Charcoal 8	50
10	IXX, 14x20, Charcoal 10	50
30	IXXX, 14x20, Charcool	50
00	IXXXX, 14x20, Charcoal	50
10	IX, 20x28, Charcoal	00
10	DC. 100 Plate Charcoal 6	
10	DX. 100 Plate Charcoal 8	
	DXX, 100 Plate Charcoal	
40	DXXX, 100 Plate Charcoal	
50	Redipped Charcoal Tin Plate add 1 50 to 6	75
50		0
et	rates.	
	Steel, Game	
00	Onoida Community Newhouse's dis	35

1A, 20x26, Charcoal	
DC, 100 Plate Charcoal 6 50	
DX, 100 Plate Charcoal 8 50	*****
DXX, 100 Plate Charcoal 10 50	RH I: NI
DXXX, 100 Plate Charcoal 12 50	IVI H IV
Redipped Charcoal Tin Plate add 1 50 to 6 75	mmi
rates.	
TRAPS.	
Steel, Game	
Oneida Communtity, Newhouse'sdis 35	11
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Hotchkiss' 60	
S, P. & W. Mfg. Co.'s 60	HIG
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WIRE.	
Bright Market dis 60&16	
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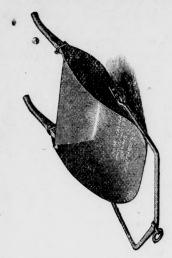
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Wrenches.
Baxter's Adjustable, nickeled......

Coe's Genuine.....dis Coe's Patent Agricultural, wrought, dis MISCELLANEOUS.

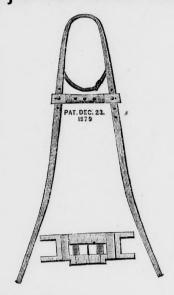
SOLID STEEL SCRAPER!

FORK'S PATENT.



Foster, Stevens & Co., Agts.

The Hubert Patent Adjustable Horse Poke



Foster, Stevens

-AGENTS-

10 and 12 Monroe St., Grand Rapids. Send for Circulars and Prices.



I. W. PATTON, Sole Manufacturer, MACON, Mo. JUDD & CO., JOBBERS of SADDLERY HARDWARE

And Full Line Summer Goods.

102 CANAL STREET.

'S FURNISHING GOODS umberman's Supplies HING TACKLE

ed Market.....dis 55&10 NOTIONS! TS, OVERALLS, JACKETS, SHIRTS,

S' AND GENTS' HOSIERY, UNDER-MACKINAWS, NECKWEAR, SUS-ERS, STATIONERY, POCKET CUT-, THREAD, COMBS, BUTTONS, SMOK-SUNDRIES, HARMONICAS, VIOLIN twenty-seven in two hours and eleven min-

icular attention given to orders by Goods shipped promptly to any point.

I am represented on the road by the following well-known travelers: John D. Mangum, A. M. Sprague, John H. Eacker, L. R. Cesna and A. B. Handricks.

24 Pearl Street - Grand Rapids, Mich.

Purely Personal.

Smith Barnes, general manager of the Hannah & Lay Mercantile, Co., was in town Monday on his way to Chicago. He favored

THE TRADESMAN with a call. Jas. D. Barner, Michigan agent for the Hall Type Writer, who has been in the East during the winter, has returned to Grand Rapids and re-established an office for the

sale of the type writer. John Read, with Foster, Stevens & Co., is preparing for a vigorous summer's campaign, having already acquired a row boat, a pair of rubber boots and a pint flask. A complete fishing tackle outfit has also been ordered.

Jacob Jesson and wife, of Muskegon, spent Sunday in the city, the guests of Judge Montgomery. Mr. Jesson climbed the steps leading to THE TRADESMAN office. and reaffirmed his belief in the enactment of the pharmacy bill.

E. A. Owen, the Plainwell groceryman, pulled THE TRADESMAN'S latch-string one day last week. Mr. Owen has lately returned from a pleasure trip through the South and is fairly captivated with the climate and business opportunities of Alabama and Mississippi.

Traverse City Herald: H. Montague and E. P. Wilhelm, foremen respectively of the grocery and dry goods departments of the Hannah & Lay Merc. Co., left this morning for Chicago to buy stock for their departments. They will be gone a week or ten days.

Ben. W. Putnam, of Putnam & Brooks, has returned from a three weeks' Eastern trip, the longest period he has been absent from business for about fifteen years. He says that trade is quieter at the seaport cities than in Grand Radids, but that signs of improvement are everywhere visible.

Concerning Chattel Mortgages.

A reader of The Tradesman sends in a couple of queries, which have been submitted to a responsible legal authority, with the following result:

1. Does a chattel mortgage have to be acknowledged by a notary or justice to make the same legal, providing one of more witnesses sign? Answer-No, no more formality is nec-

essary in the signing of a chattel mortgage than in the execution of a promisory note.

2. In the case of a morgage which runs six months, but which is not satisfied at the end of seven months, but is on record, can a third party hold the property.? Answer-A chattel mortgage is good for

one year from the date of filing, and if properly filed the fact that it overdue does not release the property from the lein. A chattel mortgage is good between parties without change of possession, the filing of the mortgage or a copy of the mortgage; but in order to be good against creditors and subsequent purchasers and mortgagees in good faith, a copy must be filed with the township clerk-or city clerk, as the case may be-in the township-or city-in which the mortgagor resides. It becomes void as to subsequent creditors unless within thirty days previous to the time it would otherwise expire, the mortgagor or his agent shall make or annex to his instrument or the copy on file a statement setting forth the interest the mortgagee has in the property covered by the mortgage.

In Active Operation.

At a meeting of the stockholders of the newly-organized Priestley Express Wagon and Sleigh Co., the following gentlemen persedes the old were elected directors: Jas. A. Hunt, Forstyle wherever in- rest M. Priestley, Geo. Arnott, Dr. J. K. Johnson and T. F. Richards. The directors then elected the following officers:

> President—T. F. Richards. Vice-President-Jas. A. Hunt.

Secretary—Forrest M. Priestley. Treasurer-Geo. Arnott. The new company immediately purchased

the manufacturing establishment of Gordon Corning, on South Front, and begun the work of manufacturing a line of express wagons Monday morning, with the expectation of having a full line of goods on the market within thirty days.

Furniture Facts.

A. E. Bullock succeeds Dunlap & Bullock in the furniture business at South Lyon. A. Collard succeeds Noonan & Springer

in the manufacture of bedsteads at West Haven. Sturgis Journal: The three furniture fac-

tories of Sturgis ship their wares into twenty states and territories, and have a list of regular customers numbering nearly 3,000.

The Force of Habit.

A clerk in a shoe store became tired of the business, and obtained a situation in a hardware store.

His first customer, a farmer's wife, came in and called for mule shoes.

"Yes, madam," he said, "what size do ou wear?"

He is now trying to get back into the shoe

J. A. Delamater, tinsmith for Buckley & Daggett, Petoskey, made twenty-five tin sap buckets in two hours and a half to fill an order, and the feat producing some discussion, he proved it next day by making

Boxwood makes the best gunpowder charcoal; followed by oak, walnut, beech, sycamore, elm, willow, poplar and ash, in the order named.

One writer advises the use of a roundedged file for filing band saws, thus preventing sharp angles, a common cause of break-

The Michigan Tradesman.



SOLIMAN SNOOKS.

Shakespearan Soliloquy-Some of Soliman's Sayings.

CANT HOOK CORNERS, April 25, 1885. Mister Editer of Traidesman.

DEAR SIR-As nothing particular has happened this week at the Corners, I will send you some short sketches that I have written and a bundle of lettets from various correspondents. Publish the parts of them that strike you as O. Kr

I will first give you a play—a short play in one act, which is appropriate to the

THE MERCHANT. Merchant (in soliloquy)—

To bust, or not to bust, that is the question-

Whether 'tis better in the end, to pay up The notes and due-bills, drafts and whatnot,

Or become a bankrupt now, and end it, And go out west and hunt and travel And poke about and find a place Where trade is good and every cent Not squeezed until the Godess howls. Methinks it is a consumation Devoutly to be wished. To make or break,

Perchance to strike a worse, Aye there's the rub; For, with your credit gone and honor too, What signifies the place you are? Chicago, great by any other name, Would smell as sweet, methinks, But man, with a bad name, Its gone, plum up the spout. But to go west the Yankee's bourn From which no merchant ere returns,

Is too much risk. It makes us think, Tis better to bear the ills we have Than fly to others we know not of-Perchance from greasy frying pan We jump, and land into the fire. Thus fortune bad makes cowards of us all, And dhe native vim and resolution Is knocked clean out of us, by this-The darts and arrows of outrageous fortune."

Enter Grand Rapids Drummer-"How, now O'Phellia! Drummer brave, What bringist thou to my domain?" Drummer-

"Greetings my Lord. I have a bill A little bill, or a remembrance, Which I was ordered to present-'Tis for a thousand Sample Scotts. At sixty-five, on ninety days, Or two per cent. for cash in ten. I pray you now my Lord accept it." Merchant-

Not I; I never gave an order For any such cigars, that I remember. Drummer-

My Lord you know right well you did-To Cody, Ball & Co., the grocery men." Merchant-

"Oh, thunder! Yes I do remember now. Methought 'twas but two weeksago, And here the time is up and more. Ah! happy thought-O'Phellia Comest thou back into mine office, A note for sixty days I'll givest thee, To ballance the account to date." Drummer-

"Correct, my Lord, if that is all That you can do to help us now." Merchant-

"It is, the very best. How time doth fly? Methinks the writing fluid made by Arnold, Scarce can turn to hue of black, When, lo! the sixty days are past, And I am asked to pony up,"

"Tis true my Lord, and pitty 'tis, 'tis true.

Drummer-

But let me show you here and now, The finest thing you ere have seen Since thou wert born, my boy. Just look at that and try it once, A long Havanah filler, made

By hand, with wrapper from Wisconsin." Merchant-"Oh, go ye hence! I want it not.

Beshrew me, but I do believe That for each customer that wants To buy a smoke-just one cigar-Some drummer tries his best. To sell me half a thousand. (Exeunt.)

SOLIMAN SNOOKSES SAYINGS. He that layeth abed in the early morn and continueth even unto breakfast time, is a sluggard. He deliteth to slug, even while broileth the beef steak.

2. But the merchant that ariseth in the early morn and hies himself unto his store, tended to.

backer to the early wayfarer that goeth forth

2. Yea, verily, he puttith cash in his till,

even a nickel. 4. Hearken not unto the dulsit voice of beauty, when she asketh thee to trust-unless she hath husband who is solvent, or a pa who hath many sheckels of silver; even 85 cent sheckels, with the motto "In God we Trust" for the other fifteen cents. Yea,

5. If ye heed not this advice, in the day when thou wotest not, the gentle maiden wilt be indebted to thee in a bill, reaching from the iron safe, ev'en unto the front of the store and threw the door thereof.

6. Look not with eyes of favor upon the red-nosed man, who asketh ye to trust him to a pint of bug juice, even the bug juice called Bourbon.

7. For, lo! I say unto you: Many moons and seasons and times shalt pass and the man cometh not to reward thee with thy

8. Listen not, oh, merchant of Mud Lake, Greenville, or Kalamazoo, to the seductive strains of the cheeky cigar drummer from New York, whom you know not. In the day when thou thinkest not, thou wilt be stuck with a lot, even unto fifteen score and ten, old teniment house cigars, that the evil one, yea, the old serpent called the -l, wouldst not smoke in Hades. And thou wilt say in thy heart, "Beshrew me, but I wilt return these goods even unto the City of the East called York." But thou reconeth without thy hosts, for in an evil day, lo! a draft cometh to the city bank, in thy name, drawn by the wicked Jubasites, or Blatherskites, or the Mugbuggers, or the Sulzbuggers, that great city that is figuratively called "Soddom and Gomarror." And thy goods and chattels and thy teniments wilt be taken in payment thereof, excepting only the beforesaid cigars which stinketh like a serpent and biteth like a nadder. Se

> Yours solomically, SOLIMAN SNOOKS. J. P., G. D., P. M.

Smoked White Fish.

We are now prepared to furnish dealers with Fresh Smoked White Fish. We are smoking about one ton a week. We also handle Boneless Cod and Smoked Halibut in 40 pound boxes. Any order for anything special in our line of fish and oysters will receive prompt attention.

COLE & EMERY, Baltimore Fish and Oyster Market, 37 Canal street, Grand Rapids, Mich.

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

Dealers wishing seeds of any kind are re ferred to the advertisement of the Grand Rapids Seed Store, in another column of



O. H. RICHMOND & CO.

GRAND RAPIDS, MICH.

Richmond's Family Medicines.

RICHMOND'S LIVER ELIXIR.

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

Richmond's Cubeb Cream, Richmond's Ague Cure, Richmond's Cough Cure,

Richmond's Easy Pills, Dr. Richards' Health Restorer.

Retailers, please order of your jobbersoin Grand Rapids, Chicago or Detroit. If your job-ber does not handle our goods, we will fill your orders. Pills and Health Restorer can be sent by mail. 141 South Division St., Grand Rapids.

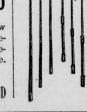
Pearl Street, Grand Rapids.





NEW GOODS. New Prices down to the whalebone. Goods always saleable, and always reliable. Buy close and often.

ORDERS PROMPTLY FILLED



A. K. ALLEN, PROPRIETOR.

the gentle housewife grindeth the coffee and WE DO ONLY FIRST-CLASS WORK AND USE NO CHEMICALS.

Orders by Mail and Express promptly at-

getith a chance to sell a chunk of plug to- MUSKECON BUSINESS DIRECTORY.

A. R. SMITH.

H. D. HAZLETT.

FILES AND RASPS OF ALL DESCRIPTIONS, From the best refined imported File Steel. We cut entirely by hand. All kinds of Steel Work Grinding and Polishing. Works on first street, near Rodgers Iron Manufacturing Co.'s Shops Muskegon, Mich. Old files re-cut equal to new and warranted to give satisfaction in all cases Saw Repairing of all kinds done Promptly.

WHOLESALE GROCER,

FULL LINE OF SHOW CASES KEPT IN STOCK.

WIERENGO BLOCK, PINE STREET,

MUSKEGON, MICH

PACKAGES

At Bottom Prices. Quality Guaranteed.

WE MAKE A SPECIALTY OF PEACH AND GRAPE BASKETS.

Jobbers

CANNED MEATS AND BUTTERS.

CHOICE SMOKED MEATS A SPECIALTY.

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

A. W. Mosher & Co.,

Wholesale and Commission Dealers in

Farmer's Produce, Butter, Eggs, Etc BLANCHARD BROS. & CO

CONSIGNMENTS SOLICITED.

Muskegon, Mich.

COMPANY ORCUTT

Butter, Eggs, Cheese, Fruit, Grain, Hay, Beef, Pork, Produce.

Choice Butter a Specialty!

Oranges, Lemons, Bananas, Apples,

Cranberries, Cider, Etc.

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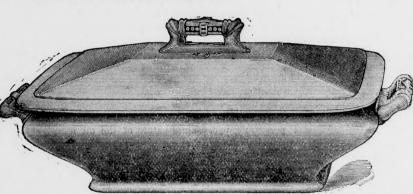
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