VOL. 2.

GRAND RAPIDS, MICHIGAN, WEDNESDAY, JULY 8, 1885.

NO. 94.

MEN'S FURNISHING GOODS Lumberman's Supplies

FISHING TACKLE

NOTIONS!

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

Particular attention given to orders by mail. Goods shipped promptly to any point.

I am represented on the road by the 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.

Proprietors of the

ular brands of Flour.

"STAR,"

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

STEAM LAUNDRY

A. K. ALLEN, PROPRIETOR.

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

Orders by Mail and Express promptly at tended to.

ALLEN'S ABRIDGED SYSTEM

BOOK-KEEPING

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

and use."
Full and complete drafts of rulings, etc., with illustrative entries and instructions in pamphlet form mailed upon receipt of \$2.

W. H. Allen, With S. A. Welling, 24 Pearl St., Grand Rapids

Fine Perfumes, Colognes, Hair Oils, Flavoring Extracts,

> Baking Powders, Bluings, Etc., Etc.

ALSO PROPRIETORS OF

KEMINK'S

Red Bark Bitters

The Oriole Manufacturing Co

78 West Bridge Street, GRAND RAPIDS, - MICHIGAN.

WHOLESALE DEALERS IN Oiled Clothing, Ducks, Stripes, Etc. State Agents for the

Watertown Hammock Support. SEND FOR PRICES.

73 Canal Street, - Grand Rapids, Mich.

Seeds of every variety, both for field and garden. Parties in want should GRAND RAPIDS GRAIN AND SEED CO.

71 CANAL STREET. ORDER A SAMPLE BUTT OF

McALPIN'S

PLUG.

A RICH NUTTY CHEW.

GRAND RAPIDS.

B. DIKEMAN.

-THE-

JEWELER,

44 CANAL STREET.

MICHIGAN. GRAND RAPIDS.

McALPIN'S PLUG TOBACCO

Is the most Delicious Chew on the Market.

SOLD BY ALL JOBBERS.

CREAM TESTER!

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

Many a Good Business Man

Hardworking Traveling Man

IS KEPT BACK BY A

Sickly Wife or Ailing Daughters.

To such men the book on "Woman's Nature" published by the Zoa-phora Medicine Co. would be invaluable.

Price only 10c to cover postage.

Zoa-phora Medicine Co., Kalamazoo, M

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

ORDERS PROMPTLY FILLED

Manufacturers of the Following Pop ular Brands of Flour:

"CRESCENT,"

"WHITE ROSE,"

"MORNING GLORY," "ROYAL PATENT," and THE MERRY MERCHANT.

He Deals with a Class of Customers all Grocers Have and Creates a Sensation. Written Expressly for THE TRADESMAN.

The corner grocer folded up the newspaper which he had been reading, carefully secreted it behind a pail of fine cut and went out on the porch to smoke.

"I don't care so very much about the paper," he explained to a customer who had watched the action with enquiring eyes, "but I don't want any first-class commercial sensations to take place in this house today. I can stand it to have a man come here every week and ask for the paper and sit around in the way reading it until the ants get about ready to carry him out through it home to send to his wife's cousin in Indiana I object. He'll be in here pretty soon after it, and no one will know where it is. Then he'll nose around until he finds it, and I'll move the previous question. Perhaps he'll find out that a man in the grocery business has a proprietary interest in the things in his own store, and perhaps he won't."

The grocer looked as though he meant to have it out with some one with hard gloves to the finish, and the customer involuntarily began to measure the distance to the woods with his eye.

"Perhaps you think I'm exaggerating the inclinations of an otherwise civilized world to steal from corner grocers?" said the merchant. "You just loaf around here a few wouldn't steal a two cent stamp from the United States government would rob a grocer of a mark down sign on a mackerel barrel if he got a chance. And the chil-

The merchant got up to sell a postal card to a ragged urchin who looked as though he in the absence of proof that the supply of dirt that covered his clothes had been procured on his father's premises, and the customer went inside and sat down.

The boy paid for the postal card, ripped a bag from the rack to put it in, and cent. Some of these marvelous machines, leaned against the counter in the immediate vicinity of a basket of oranges, while the merchant went to wait on a woman who little friction, and with such noiselessness, wanted half a cake of yeast.

"You want a stick of candy for the baby, do you?" the customer heard the merchant its presence except by actual vision. But say in a moment. "Of course. I always give away candy with half cakes of yeast. It helps trade, and keeps the baby element is expensive and wasteful. The fault lies, solid. If you'll pay for that bunch of raisins you're eating I'll give you two sticks. Perhaps that's your boy hanging over that basket of oranges? Yes, I though so. He's ployed, is unlocked and brought to act upon got a ten cent orange in each pocket and he's the engine. The function of the engine is figuring on getting away with the basket. He's the hopeful that bought a box of match- ical motion, and it performs its duty ades here last week and forgot to lay down a mirably. It is in nowise concerned in the jack knife that he berrowed to cut the stamp release or generation of the force which, with. If you'll tie him to the tail of the cow that ate up my green corn yesterday and drive her off and lose her in the woods I'll give you a house and lot free."

had already seen several similiar campaigns, very slight, while the fact remains that there but only got it near enough the marauder to is great loss somewhere between the disapknock over a can of Columbia river salmon pearance of the fuel and its reappearance sitting on the counter at his elbow. The boy reached the street just in advance of a that this loss occurs in the generating appapeachblow potato, and the woman would ratus—the furnace and the boilers. have been a close second only for the fact that she stepped on the rolling can of salblackberries.

style. Call on the undersigned for bottles fruit squeezed dry. If you'll come around less than ten per cent. is realized. when apples are ripe I'll give you a cider contract," and the merchant skipped around go? How can it be arrested and transformed in search of a mop to keep the juice from into useful work? To answer the first of the crushed berries from running into a pile these questions is not difficult. A large pro-

soon, and the party who pays for one clay pipe and steals a handful of tobacco is due to-day. It's been a little dull here lately, for bear with kerosene oil, and there are several precincts still to hear from."

store to find out what to give a boy who had cent. of its value. nating purposes!

The Coming Motor.

From the Michigan Manufacturer.

Steam power is expensive and wasteful. The gas engine, though a step in advance of the steam engine, falls very far short of being an ideal motor, and its use is necessarily limited. Water power is utilizable only in exceptional cases, and for obvious reasons can never become a universal motor. Wind the key hole, but when he gets to carrying power, though universal in extent, and ample in quantity for all the uses of civilization, is too unstable and intractable to be made the useful and obedient slave of man. Animal power is inadequate, cumbrous, expensive, and, in short, is open to all the objections mentioned above. The world needs a new motive power.

What is to be the nature of this new power? Whence is it to be derived? These are questions of deep interest, alike to the scientist, the mechanician, the manufacturer, and to thoughtful men in all depart-

ments of human activity. Steam is the only universal motor of practical utility, known to man, at the present stage of progress. All others are of limited application. Hence the inventive energies minutes and you'll see. A man who of the last half century—a period of great mechanical activity and advancement-have been largely concentrated upon the improvement-of the steam engine. To such a degree of perfection has this mechanism been brought, that little, apparently, remains to be accomplished, as regards mechanical construction and adaptability. The best steam ought to be arrested for stealing real estate engines of to-day are marvels of compactness, symmetry and efficiency. They yield in mechanical power a very large percentage of the energy poured into them from the steam boilers-often, it is claimed by competent experimenters, nearly ninety per

weighing hundreds of tons and doing the work of thousands of horses, move with so that one might stand in the same room with one of them and scarcely be able to detect with all this perfection of mechanism, the use of steam power, as stated at the outset, not in the steam engine itself, but in the imperfection of the methods by which the latent energy of the coal or other fuel emsimply to translate this energy into mechanpassing through its valves and cylinders, reappears at its driving pulley as mechanical motion, or power. The measure of its efficiency, then, is determined by the amount of The merchant reached for the urchin with energy which it absorbs in the process of carriage whip which looked as though it transformation. Since this is found to be as power, the conclusion is unavoidable,

The conditions and degrees of efficiency vary greatly, and quantitative tests are atmon and sat down to rest in a crate of tended with more or less difficulty; but it is pretty well established that, under the most "That's right!" yelled the merchant, favorable conditions, the steam engine is 'make yourself at home. Bring on your not able to yield in mechanical power more barefooted girls from the South of France than twenty-five per cent. of the actual enand do this wine making business up in ergy locked up in a given quantity of fuel; while more often its efficiency does not exto put your extra dry in after you get the ceed fifteen per cent., and in many cases

Where does this vast surplus of energy portion of the waste passes up the smoke-"That's nothing," observed the merchant, flue, in the form of heat and volatile subwiping the perspiration from his brow as he stances released by combustion. Other leaned on the mop handle and watched the sources of loss are radiation and condensawoman skurrying down the street looking as tion, and in the more imperfect engines, though she traveled for an instantaneous leakage and friction. To some extent these dye house and was bound to place her sam- latter wastes belong in the category of avoidples in the most conspicuous place, "you able losses. But inventive skill and scienjust stay here an hour or two and things tific research have thus far failed to remedy may begin to liven up a little. The girls the waste of the belching smoke-stack. Bewho buy a cent's worth of gum and beg five fore this problem mechanics is confessedly cents worth of sugar kisses will be in pretty helpless, and science is without effective resources.

Prior to the demonstration of the correlation of forces, the enormous losses of energy but business is bound to pick up. When in the use of steam as a motor were not susthat party comes in to borrow the paper I'm pected. But since the establishment of the going to give him a chair freshly painted intimate kinship of all forms of energy with prepared glue, and it will take some- since heat has been shown to be only an incithing more than proof of offensive partisan- dent or phenomenon of matter in motion; ship to get him out of his position. I've since all motion has been proved to be congot some figs on top of that box stuffed with vertible into a heat equivalent; and since the economical. But its yield of energy apsand, the oranges that boy stole are loaded precise motor value of an ounce of coal has been determined, the wide gulf which separates theoretical values from practical attain- does that of any other known generator. A The merchant went on with his mopping. ment, has forced itself upon the attention The customer got out into the street just of the scientific economist. But progress ed-up forces into electricity without appreci- specially erected furnace, when greenbacks in time to see a woman whose back skirts in this field has been slow; and to-day the able heat, and with but little loss. The mate-once worth nearly three millions sterling "ALL WHEAT," Flour. looked as though they had been through the world is wasting nearly ninety per cent. of rials required to feed it, however, are from will vanish into smoke.

standing in his door with the mop in his men of resources should press forward in fect consumption of the battery constituents. the boy's throat and utilize him for illumi- are searching the arcana of nature for a new of coal, secure such a perfect transmutation motor, which shall be free from the ruinous of energy as is shown in the action of the wastefulness that seems to be inseparable primary battery? from the use of steam. Many believe that explorer may at any moment stumble upon discovery that shall unlock the momentous a new fact which will revolutionize the civil- secret, remains to be determined.

ization of this century.

The electric engine, like the steam engine, has been brought to a high state of From the Michigan Manufacture. perfection. The former has in its favor, greater simplicity of construction, fewer runand liability to derangement. An electrical engine of the best form returns, in mechanical power, a very large proportion of the remitting. The wide-awake man "gets there are good reasons for believing that it knowledge. The manufacturer who persists the latter. The electric engine is of comparatively recent origin, and in its various mental state. When as much thought and labor as have been devoted to the steam engine shall have been bestowed upon the improvement of the electrical engine, we may as high a proportion of the energy passing into it, as the best steam engine.

The great problem to be solved is in the generation of the motor power. Electrical engines and steam engines are only the media through which the real motor, or force, is made to yield its mechanical equivunnecessary loss, the forces that are to feed have a motor that will satisfy all require

It has long been the dream of scientists that electricity would eventually become the motive power of the world. From the foregoing it is obvious that this can be accomplished only by the discovery of some cheap method of generating electricity in large quantities, and without the prodigious losses attendant upon the generation of steam Let a method be discovered by which a given quantity of coal can be directly converted into its electrical equivalent, at a loss of not more than twenty-five per cent., and the steam engine will become a thing of the past. The industries of the world will be revolutionized. The change will be felt in all the complex relations of civilized life, through a multitude of influences, direct and indirect, which need not be enumerated.

The electric engine is at present of little practical value as a motor, owing to the absence of an adequate generator. Its chief youd hailing distance. utility is as a producer, not as a consumer, of electricity. By coupling it with a steam engine, or other source of power, and running it backwards, a powerful current of electricity is developed. In the same manner, if a steam engine be coupled to a source of power and driven backward, it becomes an air pump, or with a suitable receptacle, an accumulator of pressure, or stored-up pow-

er. The current from an electric engine

used as a generator, may be conducted to a similiar electrical machine, and by that, acting as a motor, re-transformed into mechanical motion, though at the expense of a large proportion of the initial energy; or the current may be conveyed to an accumulator, or secondary battery, and there stored up, to be drawn off subsequently, as desired, for motor or other purposes. In like manner may the compressed air from a steam engine, driven backwards, be employed to actuate a similar engine, used as a motor; or it may, as before stated, be carried to a suitable reservoir and stored up for future use. These facts are cited, simply to show the relation which the electrical engine, under its present limitations as to usefulness, bears to its possible utility were we in possession of an electric generator commensurate with its capabilities as a motor. Its scope is restricted, much as would be that of the steam engine, were we without any adequate means of generating steam. The latter might serve admirably as an air pump; but its vast capabilities as a prime mover would rema unutilized.

The most perfect electric generator yet devised is the primary battery. Owing to the expensiveness of the materials consumed by it, this source of power is not commercially proaches more nearly to the theoretical mo-

Franco-Prussian war rushing into a drug its fuel, in order to utilize a beggarly ten per ten to twenty times as expensive as coal; hence the wasteful combustion of coal unextracted about half a pint of kerosene from | It is only natural that, confronted by ap- der steam boilers is less expensive, in a an imported orange, and to hear the grocer, parently impassable barriers in one direction, commercial sense, than the more nearly perhand, earnestly recommending her to come other directions, seeking avenues of prog- The question, then, resolves itself into this: back, and buy a lampwick, and run it down ress. Hence, some of the best thinkers By what means can we, in the consumption

> As has been said, little progress has vet in electricity will be found this new power, been made in the direction of a solution of and are bringing much experiment and re- this problem. But the practical thought search to bear upon the subject. Thus far, that has already been brought to bear upon it must be confessed, little real advancement this subject, has removed it from the provhas been made in this direction. But the ince of scientific idealism. Whether the field is practically illimitable. The world world is destined to wait long for the achas only touched upon the borders of the complishment of the end sought, or whethvast plains of electrical knowledge. Any er we are even now at the threshold of some

Economics of Manufacture.

The successful manufacturers, in all branches of industry, are those who are ning parts, and consequently less friction | quick to avail themselves of all the late improvements. This is a restless, jostling age. The struggle for supremacy is tense and unenergy given to it in the form of electricity. there"—the laggard is left behind. New Although its efficiency in this regard is methods are constantly being evolved. Old somewhat below that of the steam engine, ideas lose their sway with the growth of will eventually equal, if it does not excel, in clinging to old ideas and old processes, after the superiority of later devices has been demonstrated, is much like the mariner who types it may be said to be yet in the experi- refuses to desert a sinking ship: he must go down with the wreck.

But the manufacturer may err in the extreme opposite from ultra-conservatism. He may be too ready to adopt new-fangled nolook for a machine capable of delivering tions before their superiority over older and tried methods have been demonstrated. He may be misled by the oily-tongued agent, or the specious claims of the over-enterprising manufacturer of a new article. To err in this regard is often more disastrons than to err in the direction of conservatism. The wide-awake manufacturer, who keeps How are we to generate, without abreast of the times, is not apt to go to either extreme. He reads the journals devoted these engines? This is the great question to his line of business, and as a consequence that must be solved before the world can is posted on nearly all subjects connected with it, and so is able to judge with a fair degree of accuracy as to the merits of a new thing when it is presented. By mastering his business, he prevents his business from mastering him. He retains the mastery by constant application, and persevering study of the requirements of his occupation. As "eternal vigilance is the price of liberty," so is eternal diligence the price of success.

The economics of manufacture is a great and ever-changing subject for study. The conditions of success to-day may be the conditions of failure to-morrow. Scientific thought is constantly traversing new realms, and winning fresh victories. Half-forgotten flowers are transplanted from the fallow fields of yesterday, into the richer soil of advanced knowledge, and made to yield rare blossoms and fruitage. Manufacture is the willing hand-maid and co-worker of science. She should follow her mistress respectfully and obediently, but should never loiter

Defacing Bank Notes.

From the Philadelphia Times. "A bank cashier has unusual opportunities for studying one curious peculiarity of many people, viz., defacing coins and bank notes, said a local member of that happy guild. "Personal vanity is the motive, in almost

every instance, which leads to such deface-

ment," continued the cashier. "See here!

look at this pile of bank notes I have kept

for fun."

The cashier showed a bunch of them. They were, indeed, funny specimens. One of the bills bore in exceedingly fine writing, a verse of original rhyme. In the corner of another bill there was executed in India ink, paled by the touch of many fingers, a cornucopia scattering the bright, broad pieces, and under it a pursy little man, wearing a faint resemblance to Phil Armour, was gathering them into his lap. "M. Masters" had written around it, "Beware of the fate of the granger who dallied at the B. of T. and was vanquished in a brief tussle."

Names, in red, blue, green, and black ink. were written in all parts of bills, sometimes across the foreheads of the faces printed in the body of the notes, many having some epigrammatic sentence tacked on it. With coins it was similiar. Names were engraved. written out in ink; dates and initials cut into the metal. Some of them were irretrievably mutilated, as, for instance, a \$10 gold piece, the eagle of which had its wings clipped, so as to make it look more like a plucked crow. "I think," said the informant, that just about one in every four bills is marked in some way, and one in every ten coins."

A grand monetary bonfire will shortly take place in Rome. The bank notes withtor value of the materials consumed, than drawn from circulation in accordance with the law suppressing the forced currency of well-constructed battery transmutes its stor- paper money will be formally burned in a

A JOURNAL DEVOTED TO THE Mercantile and Manufacturing Interests of the Siate.

E. A. STOWE, Editor.

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

WEDNESDAY, JULY 8, 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.

Rapids. . Next Meeting—Third Tuesday in February, 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.

Grand Rapids Post T. P. A.

Organized at Grand Rapids, April 11, 1885.

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

In Arizona Territory, sends his friends in Arizona Territory, sends his friends in Arizona Territory.

the meeting of the local commissioners at handbill put out by a general dealer at Win- Fourth and Sunday at this popular resort New York on the 1st was to restore the tariff of April 6 on East-bound freight.

daily journal recently launched at Guand Large Assortment of Goods;" and that if papers please copy. Haven by Northrup Bros. The initial issues the reader will call on him he "Can bet his the business public of Grand Haven would expressions doubtless "take" with the cow- up the countenances of the Grand Rapids jobdo well to continue the hearty support al- boys and frontiersmen of Arizona, but they bers from Friday until Tuesday, when he ready accorded the paper.

Purely Personal.

John Snitzeler is now the owner of a fast horse which is said to rival Jay-Eye-See in

speed. Geo. E. Herrick, of the lumber firm of Olsen & Herrick, at Cadillac, was in town eral trade at North Dorr. over Sunday.

in town last Friday on his way to his former sale of shingles at Rodney. W. B. Hatfield all traces of a black eye from the optic of E. J. Goodrich. home at Douglas

fourteen pound boy.

an eleven pound daughter.

Ludwig Winternitz. S. R. King formerly of the firm of Orcutt the late Wm. C. Duncan. & Co., at Muskegon, but now book-keeper for G. F. Sperry & Co., at that place, is in

the city for a day or two. H. G. Bowker, of the firm of H. G. Bowker & Co., eigar manufacturers at Coldwater, was in the city over Sunday, the guest of

his uncle, Silas K. Bolles. Robert Hunting, who has spent two months with a run of the fever and recuper-

ating from the same, has resumed his former position with the Merchants' Despatch. Frank C. Hawkins, book-keeper for the

Grand Rapids Packing and Provision Co., passed around the cigars Sunday in honor of an eight pound son, the first boy in a family of three.

Geo. H. Kelly, formerly connected with Dun's Mercantile Agency here, but now traveling correspondent for the Chicago of-start a chair factory at Hermansville next fice of the same concern, spent the Fourth and Sunday with Grand Rapids friends.

H. S. Keely, one of the proprietors of the Wood-Worker, Indianapolis' excellent mechanical journal, favored The Tradesman office with a call one day last week. Mr. Keely will always be accorded a cordial re-idleness. ception at the hands of Grand manufactur-

Jack Thoms, of the firm of Jack & Joke, Three Rivers, was preceded on the Fourth by the following warning: "If nothing goes through me larger than a saw log, I shall call on you July 4. Please have the "buyer" of drinks at home. W. B. E. also." The at that place. cabalistic characters "W. B. E." are supposed to stand for "Will be empty." Mr. and member of the firm of Dart & Nichols, THE TRADESMAN office.

AMONG THE TRADE.

IN THE CITY.

O. R. Wilmarth & Son have engaged in the grocery business at Rodney. Cody, Ball & Co. furnished the stock.

The Premium Vinegar Works, of Chicago, has established an agency for the sale of their goods in this city, placing M. C. Russell in charge.

Thos. Hill, local representative for the Merchants' Despatch, offers to guarantee fifty barrels per day. present tariff rates on West-bound freight until August 1.

A. V. Chapman, for several years past engaged in general trade at Fruitport, has removed to Grand Radids, and will re-engage in trade here.

year; L. E. Hawkins and R. D. Swartout, two years.

Arbitration Committee—I. M. Clark, Ben W. Putnam, Joseph Houseman.

Transportation Committee—Samuel Sears, Geo. B. Dunton, Amos. S. Musselman.
Insurance Committee—Samuel Sears, Geo. B. Dunton, Amos. S. Musselman.
Insurance Committee—Win. Cartwright, Meigs, Win. T. Lamoreaux.

Manufacturing Committee—Win. Cartwright, E. S. Pierce, C. W. Jennings.

Annual Meeting—Second Wednesday evening of October.

Annual Meeting—Second Wednesday evening of October. Cornelius Whitefleet, grocer at 145 West

count of 40 and 5 per cent. on Boston rubber goods, guaranteed to Nov. 1. Also a discount of 40, 121% and 5 per cent. on Bay State goods, with the same guaranty.

J. M. Carr, who is well-known to the bus-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.

was started up about two weeks ago, and was started up about two weeks ago, and Secretary and Treasurer-E. A. Stowe, Grand has a capacity of about 40,000 per day.

> tory, there isn't much profit to the farmers can be procured in the immediate vicinity who furnish the milk," said Frank Lamb, suitable for the purpose. the other day. "If I were going into the dairy business again, I should make creamery butter instead of cheese, for the former always commands a goood price in certain markets, while the latter has an off year every few seasons."

The O. K. Dust Arrester Co., composed of Oswald Kutsche and Edward Ansorge, have lately put in arresters for Gebhart & Estabrook, East Saginaw; Saginaw Manufacturing Co., Saginaw City; Estey Organ Co., Brattleboro Vt.; Oswego Manufacturing Co., Oswego, N. Y.; and also for a manufacturer Next Meeting—Saturday evening, August 29, at "The Tradesman" office. sent to Springfield, Mo., to put in arresters in the extensive railway shops there, and Mr. Kutsche is taking a considerable number of orders through the Eastern states, being now in the vicinity of Boston.

here several characteristic evidences of The only change in freight rates made by frontier civilization, among them being a Manufacturing Co., of Toledo, put in the slow. The merchant-J. H. Breed by name-informs the public that he is prepared to give them the "Damdest Bargains" would not attract patronage to any great ex- left for Detroit. tent here in Michigan.

AROUND THE STATE.

A. T. Miller has engaged in the drug business at Chippewa Lake. Bartz Bros. succeed Jacob Bartz in gen-

will have charge of the store

& Perry, is the happy father of a bouncing Co., hardware jobbers at Detroit, has been ling wood this time. renewed for three years. Chas. F. Fletcher, J. H. Hagy, stock-keeper for Hazeltine, C. C. Jenks, Geo. G. Bogue and Leroy J. Walker Casket Co., is the possessor of two Perkins & Co., is happy over the advent of Heath are the general partners. The spec-books containing the names and addresses M. M. Mallory. Leo. A. Caro. C. E. Bleyer, vice-president of the Paul T. P. Sheldon, of Kalamazoo; W. B. Mor- order. If the list gets much larger, it will be Bechtner Co., of Milwaukee, was in the city an, executor of the will of Alfred J. Du-necessary for him to employ a book-keeper Chas. S. Willcox. last week, visiting his local representative, charme, and Leroy J. Heath, executor, and to attend to the matter. Sarah S. Duncan, executrix, of the will of

MANUFACTURING MATTERS.

A churn run by electricity is a Harrison in-

Mr. Kinney will shortly start up the Nev ins Bros. grist mill at Moline.

The Greenville fanning mill and separator company will soon commence business.

The Girard Lumber Co., at Menominee, is sawing at the rate of 85,000 feet a day. D. L. Gailing, of Big Rapids, has pur-

chased M. Murphy's grist mill at Remus. D. W. Vaughn, late of Reed City, has purchased the Bowser saw mill at Mentor. The Wilson barrel hoop factory of Bay City is talking of moving its plant to Frankfort.

The Wisconsin Land & Lumber Co. will

The Lansing wheelbarrow works will not shut down for the summer as has been reported.

The Michigan Ax and Tool Works, at East Saginaw, have started up after six months

One hundred men are temporarily out of employment by the burning of S. Babcock & Co.'s mill at Manistee.

The Soper Lumber Co. is making arrangements to start a yard at Menominee, and G. W. Wade is to have charge of the business

J. R. Dart, mill operator at Webberville, D. L. Crossman.

Wm. Proctor expects to have a new paper mill running by the end of this month at Constantine. The machinery is now being

placed in position. The Ludington, Wells & Van Schaick, Co., at Menominee, is putting in a gang saw of the Marinette Iron Works make, capable of sawing the largest logs.

Jones & Hugh have shut down their grist mill at Morley for the purpose of adding two double sets of rollers and other improvements, which will increase the capacity to

R. G. Peters, of Manistee, is reported as turning out a daily average of 600 barrels of salt. In his mill, salt blocks and other enterprises he employs some 600 hands, and his monthly pay roll amounts to \$15,000.

The West Michigan Lumber Co.'s mill at Diamond Lake presents the best record so far made in one day's cut with one circular saw, having recently cut 98,448 feet in ten hours. The next nearest to the place of honor are the McGraft Lumber Co.' smill at Muskegon, with 85,945 feet, and the Staples & Covell mill at Whitehall, with 84,098 feet.

STRAY FACTS.

The Coon's gold mining Co. has been organized at Ishpeming with a capital stock of \$1,000,000 in 10,000 shares.

A stock company, composed mostly of farmers, is being formed at Petoskey, and purposes buying the Ingalls mill and converting it into a roller mill; capital stock

Parties from the East are looking over the splendid water power at Petoskey, with a view to starting a wood pulp mill for the "With cheese at 6 cents a pound at the fac- manufacture of paper. Timber in abundance

The Gripsack Brigade.

Will Averill, with Andrew Wierengo, was in town over the Fourth.

J. H. Parker left Monday for a week's trip through the Saginaw Valley.

A. B. Cole has gone to Buffalo, on a visit to his house, Bickford & Francis. Phil Cigar Box—otherwise known as in understating the number in the

Gaubatz—put in Sunday at this market, and left Tuefday for South Bend. 'S. W. Lipman, Western traveling representative for Shurtz Bros. & Blath, of New

York, was in town over Sunday. E. H. Porter, of Auditor General's office, at Lansing, was in the city over the Fourth. the guest of his son-in-law, Geo. H. Sey-

J. C. Watson, with C. S. Yale & Bro., started out yesterday on a four weeks' trip through Northern Michigan and the Upper C. H. Edwards, representing the Wheeler

for traveling men. A. D. Baker left Saturday night for a two weeks' visit with his mother and girl No. 26

The Evening Venture is the title of a new ever heard of; that he has "A Hell of a at Rawsonville, N. Y. Traverse City C. E. Cones, general agent for S. W. bear evidence of careful workmanship, and shirt tail he will treat him right." Such Venable & Co., of Petersberg, Va., lighted

> P. H. O'Brien, formerly with C. G. Pulcher, is now on the road for the Detroit Cigar Manufacturing Co., covering Indiana and Ohio, and a portion of Michigan. He spent the Fourth and Sunday with friends

and relatives here. Valda A. Johnston is now entitled to the Wilmarth & Son, of Big Rapids, will en-A. Walbrecht, the Mancelona miller, was gage in general trade and the purchase and performed the difficult operation of removing J. A. Crookston. Capt. Bradford last week. N. B.—The Will M. Butts, book-keeper for Hawkins The partnership of Ducharme, Fletcher & black eye was made legitimately—no kind-R. J. Coppes and Geo. Seymour, with guy ropes.

Will J. Worden, with the Powers & ial partners, who put in \$50,000 each, are of his various girls, arranged in alphabetical

> At the national conveniion of the Travelers' Protective Association, C. S. Kelsey, of Chas. Livingston. Battle Creek, was chosen vice-president for H. S. Robertson. Alby L. Brasted. Michigan, and Leo. A. Caro, of Grand Rapids, secretary. This will bring the State C. R. Remington. headquarters of the organization from W. A. Brown. J. A. Morrison. Detroit to Grand Rapids.

Detroit to Grand Rapids.

Henry C. Kendricks has concluded to take

Dick Mangold.

John Mangum. up his residence in Kalamazoo during the Frank J. Greulich. summer, having already settled his wife there. As his territory includes nearly all of Southern Michigan, this change will en- J. H. McKelvey. W. J. Worden. able him to run home Saturday night with-

out much unnecessary travel. S. W. Bush, traveling representative for Hiram Clark. D. C. Kenyon. Jas. Craig, jobber in fish and salt at East Saginaw, was in town Saturday and marched in the procession. He spent Sunday at W. W. Richardson. Howard City, basking in the sunshine of his best girl, and returned to Grand Rapids Monday to work the jobbing trade.

R. J. Coppes, for several years past on the road for Curtiss, Dunton, & Co., has Albert Ellis engaged to travel for the West Michigan E. E. Watson. Oil Co., covering the retail trade of Western Dick Warper. Michigan. He is succeeded by Oliver C. Shults, city salesman for Curtiss, Dunton & Co. for some time. Mr. Shults, in turn, is L. M. Cary. J. P. Olmsted. succeeded by John C. Dunton, until recently with the National City Bank.

The Committee on Location and Transportation being now ready to make a report, a meeting of the traveling men is called, to be held at THE TRADESMAN office Saturday changed to August 1.

MARCH OF THE GRIP BRIGADE.

Several leagues-many leagues-A dozen leagues onward-All in the Valley City

Marched the one hundred.* "Forward the Grip Brigade! Get there, White Plugs!" he said: And through the Valley City Marched the one hundred.

"Forward the Grip Brigade!" Was there a man dismayed? Not much-though well they knew Some one had blundered: Theirs not to make reply, Theirs not to question why, Theirs but to march or die; So through the Valley City Marched the one hundred.

Crackers to right of them, Crackers to left of them. Crackers in front of them

Volleyed and thundered. Ogled by every belle, Boldly they marched and well: Under the blazing sun, Almost as hot as sheol. Marched the one hundred.

Blue waxed the summer air-You should have heard 'em swear. Sweating and puffing there-All the crowd wondered.

Plunged through the dust and smoke-It was a serious joke-Their patriotism Wavered at last, then broke-

Then they marched back, but not, Not the one hundred. Crackers to right of them, Crackers to left of them, Crackers behind them

Shattered and sundered.

Volleyed and thundered. Ogled by every belle, They stood the pressure well. But several drummers fell! Back through the sizzling streets, Ten times as hot as sheel. Came what was left of them-

Left of one hundred. When can their glory fade? Oh, 'twas a big parade! All the crowd wondered, Honor the nerve displayed! Honor the Grip Brigade Noble one hundred!

* THE TRADESMAN'S poet has taken a license great poets usually do, and we let it pass.

TRAMPING TRAVELERS.

Creditable Procession--Complete List of

Participants. The celebration of the Fourth at Grand TRADESMAN will have nothing further to proceeding, but followed suit. say, as it has been fully described by the prominence it deserved; and it remains for the streets. THE TRADESMAN to sing the praises of the traveling men. Their procession was in every respect a credit to the participants, both in point of numbers and appearance; and judging from the enconiums showed on the boys subsequent to the parade, they are amply repaid for the exertion incident to a two mile walk. They have accomplished the object which called forth the effort—shown their strength and established their standing in the business community.

The following is believed to be a complete list of all who took part in the parade, together with the relative position occupied by

Captain-J. N. Bradford. First Lieutenant-Joe F. O. Reed.

Second Lieutenant-W. S. Horn. Chas. E. Watson. John McIntyre. Fred D. Lyon. Geo. F. Owen.

A. C. Wicks. Wm. E. Cooper. Glenn Seymour. Geo. Mckay. Chas. C. Drew. W. G. Hawkins. Chas. S. Yale. Wm. Drueke. G. H. Jacobs. Geo. R. Perry. S. W. Bush. Frank DeLaney, Gerritt DeGraff. R. Hufford. C. H. Ellis. E. F. Covell. J. E. Kenning. S. A. Walling.

Wallace Franklin. Dr. J. B. Evans. A. D. Baker. Chas. S. Robinson D. J. Buckley. Henry J. Heystek. W. C. Quigley. H. Dawley. Graham Roys. J. H. Parker. F. J. Everhart. D. C. Underwood. Chas. Rosenberg. W. H. Jennings A. A. Barber. G. B. Lewis. J. C. Watson. Hub. Baker. Wm. N. Rowe. S. J. Gottlieb. L. L. Loomis. W. H. Downs.

L. C. Bradford. Geo. Medes. P. H. O'Brien. Parker McAusley.

W. J. Jones. C. H. Bayley. C. S. Hampson. S. E. Wells. M. Levi. Fred W. Powers. Hiram Stamm. Wm. B. Folger. R. B. Orr. Chas. B. Parmenter.

J. Leo Kymer. John Sparks.

L. M. Mills. Harry McDowell.

Frank H. Seymour. W. P. Townsend.

evening of the present week. Every one headquarters on Ottawa street, and after sued for \$2,500 in favor of the beneficiary. interested in the matter is cordially invited marching around the square, was headed by of the late Dr. Meredith. The remains of the to be present, as all the preliminaries will the St. Johns band, when Joe Reed ap- latter reached Detroit on the 23d, and were with a bouquet, accompanying the presenta- made at Dundas, Ont.

W. VENABLE & CO. PETERSBURG, VA.,

NIMRO

Plug Tobacco.

Nimrod, 44 E. C. 40 Big Five Center, a Hummer, 35

tion with the following impromptu re-

marks: DEAR LADIES-At the unanimous request of the 500 noble Knights of the Gripsack in my rear, I have the honor to approach you in behalf of this vast array of beauty, talent and wisdom, for the purpose of presenting each fair lady comprising the band with a bouquet of rare flowers, procured at great expense from the choicest greenhouses of this country and Europe. I assure you that it affords me no small pleasure to be able to perform such a duty, and that the present time is the supreme moment of my life. Various causes conduce to this condition of ecstasy, principal among them being a realizing sense that I belong to the grandest class of men which tread God's green earth—a class, if you please, who do more hard work, get less thanks, have fewer vices and more virtues than any other on earth—a class, if you please, who do more to make the world better and leave behind them "footprints on the sands of time" than any other—a class, if you please, who are not-ed everywhere for their gallantry to the ladies and are equally noted for the smiles and favors they extort from the fair sex. Another reason for my ecstasy on this occasion is the superior beauty of my auditors, a beauty which owes its origin-not to artificial means, but to the touch of nature—a beauty which exhibits itself in every curve of the form and every feature of the face—a beauty NIMROD. which appeals to the manhood and finds a responsive chord in the breast of every unmarried man in the ranks—a beauty which is only equalled by the entrancing strains of your golden horns. In conclusion, I beg you to accept these tokens of our regard as tributes of respect to your sex and your profession, trusting that the time may never come when you will have occasion to look

The column then moved on to Fulton street, where a rather uncomfortable stand was taken for some time. During the inter-statement to the effect that E.S. Matteson ha val, Geo. Perry and several other high pri-

Ladies, God bless you!

The march then proceeded without inci-

SHORT STEPS.

wrath of the entire column by breaking ty. He then gave his brother a bill of sale of ranks on Sheldon street. Next time they the logs, whereupon J. W. Cummer attached march with the boys they will be compelled them for \$147, Olsen & Herrick for \$275 and to give bonds for good behavior or submit to \$500. being tied to their comrades.

The Daily Democrat paid the boys the following compliment: "The drummers, with their tall white hats and nobby canes, presented one of the finest features of the this week and is at work again. procession. They were all wideawake looking fellows and good representatives of that has decided to put in a stage and use it for an much maligned class.'

The worst feature of the parade was the playing—or attempts at playing—of the St. | Schall and will remodel it for his barber shop Johns band. The band was supposed to be and dwelling house. able to produce excellent music, and their failure to do so was a severe disappoint- change having been made July 1. ment to the boys and the Music Committee, Also a live printer would do well to start a who refused to pay the band the amount agreed upon on account of non-fulfillment of contract.

The Democrat thus refers to either Geo. Owen, Alby Brasted or Dave Haugh: "The query in some quarters yesterday was which store of the drummers owned the yellow dog which followed the last section of those gentlemen the whole length of the process-

Walter E. Cummings was fierce to march in the procession at the two preliminary meetings held by the boys, but when it came time to exert himself, he was discovered of people left on the early trains for Grand loafing around under a tree over on the West | Rapids, and about 400 passed the day at Chip-Side. He enjoyed watching the procession,

however. The inscriptions on the banner will be replaced by wording less offensive to the profession before it is used for the picnic.

Northern trade during his two weeks' absence in the East. John will also attend to Baker's numerous lady friends.

And now Dave Haugh has caught the dog him fever. He aspires to rank with Owen, and Lamb, and Brasted, and in pursuance of such aspirations has purchased two-count in ready-made clothing lines. them, two-water spaniels. The report | The new flouring mill of Darrah Bros. & Co., that the former owner gave Dave \$2 for which is quite superior to the one they lately taking them off his hands, thus saving him lost by fire, is nearly completed, and the main the trouble of drowning them, is entirely without foundation.

THE TRADESMAN is in receipt of a delayed note from Thos. Macleod, stating that lumber per day, will soon be in operation. I. T. Lowery has been appointed Secretary of the Mich. Com. Travelers' Ass'n. for the remainder of the year, and that Dr. improvements are being made. John Pratt, of Detroit, has been appointed Examining Physician for the Association. Death Assessment No. 2 has been ordered, The party formed at the traveling men's to date July 31, and a warrant has been is-

CIDER

Celebrated for its PURITY, STRENGTH and FLAVOR. The superiority of this article is such that Grocers who handle it find their sales of Vinegar increased. Needs but a trial to insure its use in any house-hold. PREMIUM VINEGAR WORKS, 290 FIFTH AV., CHICAGO.

Premium Vinegar can always be found at M. C. Russell's, 48 Ottawa street.

& CHRISTENSON.

BLUE RETER,

upon us less favorably than you do to-day. News and Gossip Furnished by Our Own Correspondents.

Cadillac. July 6-I see The Tradesman publishes a recently purchased 1,600 acres of land near Indian River, and is figuring on the purchase of vates amused themselves by draining the a mill at that point. I am willing to wager Rapids was in perfect harmony with the en- mikk-eans of a belated milk peddler, and on fifty dollars to fifty cents that the statement terprise and importance of the Valley City. the attention of the Captain being called to emanated from Matteson himself, and that With the celebration as a whole, THE the matter, he made no attempt to stop the Matteson lies. Several Cadillac business men have lately had occasion to learn some of Matteson's peculiar ways, a repetition of which may serve to place that gentleman in the right daily papers. One feature—and in many dent, other than the frequent showering of light before the business public. He recently respects a leading one-was not given the bouquets on the column as it passed through | contracted with Olsen & Herrick here to cut out a quantity of lumber and shingle logs. The latter were cut and the former were left as security for rent for the shingle cut. In the mean time, Arthur Meigs & Co., of Grand Drs. Evans and Hatfield incurred the Rapids, had a chattel mortgage on the proper-Wm. Kessler for \$30. The logs are worth about

Luther.

July 6-The logging engine of Wilson, Luther & Wilson, which has been in Grand Rapids for the past three weeks for repairs, returned

C. F. Bellamy, owner of the skating rink, opera house, in addition to the skating rink. He will expend \$150 for scenery. James Nichols has bought a building of J.

Luther is a money order office now, the

Coloma. July 3-R. R. Hewson, general dealer, assumed the office of Justice of the Peace July 4.

Geo. Hewett has started a boot and shoe E. A. Hill, hardware merchant, has added a fine line of buggies and harnesses

Shaner & Son have started a tin and notion wagon, in addition to their jewelry business.

July 6-Nearly all our business places were closed on the Fourth, and the place assumed a quiet forsaken appearance. A large number pewa Lake, which is fast becoming a popular resort. The G. A. R. has pleasant grounds on the east shore of this lake, and a small steamer which plies between there and the pretty little village of Chippewa, which owes its existence and enterprise to the Chippewa Lumber Co. The company's mills, store and machine shop are extensive-one mill alone John Read will attend to A. D. Baker's cutting about 10,000 feet of lumber per hour. Whoever visits Chippewa will note that H. P. Wyman is not only able to successfully conduct an extensive lumber business, but to im-

part life and enterprise to the people about In the past week no business changes have been made. Leading grocers report fair trade, while the greatest depression seems to b

building of the new stave factory is about finished.

The saw mill of Hood, Gale & Co., at Metropolitan, having a capacity of 100,000 feet of The purchase of the Remus Flouring Mills by Mr. Garling, of this place, mentioned before as likely to occur, has been consummated and

Good Words Unsolicited.

A. D. Loomis, druggist, Levering: "It is of great value to dealers.' A. J. White, general dealer, Bass River:

'Cannot get along without your paper.' E. A. Hill, hardware, Coloma:

THE TRADESMAN better than any paper of the kind published in the West. It meets the wants probably be arranged at that time. The proached the carriage with uncovered head shown every possible honor by the officers of all classes of merchants and gives new ideas Thoms was not "empty" when he called at general dealers, has assigned his interests to time of holding the junket will probably be and dignified mien, and presented each lady of the Association. The interment was each week which are profitable and interesting."

Warranted to Keep Pickles.

PETERSBURG, VA., PLUC TOBACCOS.

SPREAD EAGLE, BIG FIVE CENTER.

OUT AROUND.

Drugs & Medicines

STATE BOARD OF PHARMACY.

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

Michigan State Pharmaceutical Association.

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

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.
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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.
Annual Meetings—First Thursday evening in

November, Yext Meeting—Thursday evening, July 9, at "The Tradesman" office.

The Persian Opium Industry.

A recent number of the St. James Budget, published in London, contained an article on the cultivation of the poppy in Persia, from which we take the following reference to the manufacture and sale of opium:

"In the old days, when opium was purchased by rule of thumb, and passed through several hands before it reached the manufacturer, the fresh opium was much adulterated; and it was this adulteration that gave the Persian opium the bad name it so long retained in the English market. But an enterprising English firm sent one of its partners to Ispahan, and that energetic gentleman succeeded in making the Persians unguarantee of the purity of the manufactured article; and as the imports of this firm to this country were always of exactly the same standard as the sample that preceded them, Persian opium of their brand became a regular and saleable commodity. Already Perthe great market of China; but the quantity an idea." of morphine contained in it is far less than that of the drug grown in India. Lately the forgotton the main cause of expense." average price of Persian opium has been 16s a pound in London, wholesale. Of course the Armenian middleman continues to adulterate the drug; but he hardly finds a profit in doing so, and his wares seldom leave the

"When the first supplies of the drug begin to arrive at the 'godown' of the merchant, they come in a semi-fluid mass, generally in a state of fermentation, giving out the characteristic smell of the drug and therewith an paste, first longitudinally, then horizon- stantly killed by the vapor of chloroform, tally, by means of wooden spatulas. As or ether, or prussic acid. These facts are If the opium is very moist, or the sun very necessarily, of its particles. weak, this process has to be repeated. The opium is now kneeded into cakes of a pound, three drachms over being allowed for loss of weight in transit. The cakes have the shape and appearance of a large squared bun. They are varnished with some of the liquor or with a composition, and when quite dry are stamped with the maker's name. And now each cake is wrapped in paper, and laid in cases made as strong and light as possible as the duty is levied at per case. The cases are sewn up in raw hides, or dammer-

ed-i. e., packed in tarpaulin. "It does not appear that the moderate use of Persian opium in the country itself is deleterious. Opium eaters there are, it is true, but they are few. Opium smoking is almost unknown; and opium when smoked is, as a rule, smoked by a native doctor's prescription. The opium pill-box, a tiny box of silver, is as common in Persia as the snuff-box was once with us. Most men of forty among the upper and middle classes use it. They take from one grain to one grain and a half, divided into two pills, one in the afternoon and one at night. Travellers, too, almost invariably take it.

"In 1871 the value of the export of opium from Persia was 696,000 rupees. In 1881 it had increased to 8,470,000 rupees, and the increase has been steady each year. Probably this increase will continue, and ultimately Indian opium will find a rival and our tins being offered at 60c, and the best Ger-

oil is used in the preparation of Persian opium. The preparation of the opium for market is a very anxious time with the merchant. He has to be constantly in and out, and is obliged to pay watchers, and pay them well, to keep pilferers from his goods. The laborers engaged in the teriak-mali are searched on leaving, as a matter of course, but they gener- expect to manufacture extract from about ally manage to add considerably to their 1,000 cords of bark. wages by what they can purloin. This is is often much less than his madakel. A man's pay is usually known, and the common questions among Persians are "What is kiln and have it in operation. his pay?" and "What is his modakel?" A servant's modakel is what he can take from the tradespeople, generally ten per cent., a governor's modakel what he can exact from the taxpayers over and above the taxes; the norships for; and so on.

"The manufacture of opium is rude in the extreme, and opportunities for speculation many. It has been suggested to rub the opthe indiscriminate cultivation of this valuable crop, to the exclusion of cereals, tends to render bread and horse-feed dearer: and if the cultivation of the poppy continues to spread as it has in the last twenty years, each month.

Annual Meetings-First Thursday evening in Persia will cease to be, what it is now, the cheapest place to live in the world."

Romance of the Soda Fountain.

The day was hot. In she came, smiling familiarly, and languidly seated herself be- three or dollars. fore the fountain.

"A glass of soda water, please?" "Yes, madam. What syrup? We have

lemon, raspberry and vanilla." "I'll take a little strawberry, plcase."

Beg pardon. We have lemon, orange, aspberry, and vanilla."

"I'll have a little pineapple, please." "Beg pardon madam. I have now twice informed you that we have only lemon, or-

ange, raspberry aud vanilla." "Oh yes, so you did! Well, fix me up a little lemon and orange, add a little raspberry, a dash of vanilla, and you might also put in some acid phosphate and about a teaderstand that honesty is the best policy. spoonful of cream." She sipped, laid down The brand of the firm he represented was a 5 cents, and remarked: "Soda water is very expensive, isn't it?"

The soda didn't foam half as much as the druggist while he was counting his hundred (Franklin).

"Yes, madam very expensive. If you figure up the cost of those four sirups, the sian opium has driven that of Turkey out of acid phosphate, and the cream, you can form

"Ah, indeed!" she replied; "but you have

"Main cause of expense, madam?" "Yes, sir. The coal; for you must conunderneath your soda water fountain."

Poisonous Effect of Insect Powder.

Regarding the method of action of this powder upon its victims, says a manufacturing chemist, the fact should be kept in mind that the lungs or breathing apparatus of the insect are very different to those of the verodor resembling that of rotten apples. The tebrate animal. Instead of lungs, as we opium is generally brought in copper pots have, set apart in one portion of the frame, and earthern jars—usually they are cooking for the definite object of supplying oxygen to utensils impressed into the service. As the the blood after the latter has become in need opium arrives it is poured into copper pans, of it, the insect has a central tube, connectsome of which will hold as much as five cwt. ed with the air by a row of orifices on each named Leggo. When he began to pull the Workmen are engaged at so much a day, or side of its body, from which smaller chan-other day, the owner of the tooth which had in gangs who are paid so much per chest. nels radiate to every part of its circulation. been hunted down cried out "Hold on!" The daily wage varies from two to five The animal lung demands two systems, as it kerans (a keran being 9d). The liquid por- were, of circulation—the arterial and the tion of the opium is boiled down and return- venous. The insect has but a single circued to the pans, the whole is then beaten up lation, and the whole of its blood is being around the apron and tend to ruin the manner of the pans. till it is of the consistence of strawberry constantly and fully brought into contact nificent water power. "Several years ag jam freshly made. And now begins the with fresh supplies of air. Hence the inopium manufacture—the teriak-mali, liter- stant and powerful effect of any toxic sub- protect the soft sandstone ledge over wh ally opium rubbing. Thin planks, a yard stance with which the air may be impreglong and a foot wide, are smeared with the nated. Thus an insect may be almost ineach plank is covered it is placed on end in powerful arguments for the theory that it is the strong sun, and when sufficiently dry the the volatile constituents of insect powder opium is scraped off for rolling into cakes. Which are fatal, and not the actual contact,

Substitute for White Lead.

A substitute for white lead is the so-called "Blanc fixe," or permanent white, which is extensively used, principally as a wafer color. In order to prepare it so that it may be ground with linseed oil, as a substitute for white lead, the following process is

A soluble barium salt is precipitated by a sulphate or free sulphuric acid. The precipitate is dried, and ignited in a uniformly heated, low muffle at a light-red heat. The igited mass is suddenly cooled by throwing it into cold water, when the sudden change of temperature effects a molecular change in the barium sulphate. The product, when ground with linseed oil, will form no lumpy masses. The product obtained by throwing the hot mass into cold water, is dried and to push the sale of same. Address, "Patent," care "The Tradesman." ground. It forms an indifferent basis, which covers well, and may be mixed with any other color as a substitute for white lead, which has repeatedly been shown to be injurious from a sanitary view, as it gives rise to disease and lead poisioning. The various shades of color are produced by adding the hot material is suddenly cooled.

revenue in India will be thus much reduced. man brands of opium dull and lower. Paris For the Chinese market a certain portion of Green is in good demand at full prices.

Cheboygan Chatter.

From the Tribune Haskins & Shroder are building a large

store for general merchandise at Rondo. The Cheboygan Lumber Company ships its lumber about as fast as manufactured. Newton & Ellis' hemlock extract factory, on Mullet lake, started up last Monday, and

The Novelty Wood Works has made a their "cabbage," or modakel—a word much number of shipments recently of boxes and in use in Persia, where as a rule a man's pay excelsior. The establishment has not been running to its full capacity, owing to a lack of dry timber, but they have put up a dry

THE MICHIGAN TRADESMAN copied our item of last week about Dr. A. M. Gerow's cranberry marsh and writes the Doctor requesting full particulars as to the result of the venture. The Doctor says the only re-Shah's modakel what he can sell the gover- sult so far, financially, is the investment of quite a sum of money. We have no doubt. however, that he will reap a rich reward in

the future. [Dr. A. M. Gerow writes: "I shall be ium on a hot plate with a chocolate-making pleased from time to time to report remachine, but no one has tried it. Were it sults of my cranberry venture, of the sucnot for the opium-growing the King's ryots cess of which I am very sanguine. I have would find it hard to pay their taxes. But about sixty acres in all, which I intend

Wanted to Make the Account Larger.

A well-known citizen recently called at L. D. Putnam & Co.'s drug store, and wished to be trusted for about a dollar's worth of goods. Mr. Wurzburg, the junior partner, quietly informed him that he already owed a small account, and produced a book containing the same, which amounted to

"That account isn't right," said the solicitous individual.

"Why not?" inquired Wurzburg. "Because I owe you more than that," was

the reply. "Then why do you ask me to trust you

any more?" "Because I want to make the account bigger," was the laconic answer.

A Case of Criminal Neglect. From the Arkansaw Traveler.

A man whose storehouse had burned down sorrowfully stood looking at the smoking ruins.

"That was an awful mistake," he said to a friend.

"A sad loss," the friend replied. "It shows the evil results of a bad mem-

"Why, if I hadn't forgotten that the insurance had expired I would not have left a candle burning in-oh, well, it's too sad to talk about; it's criminal neglect."

In a recent report, United States Consul General Andrews, of Rio de Janeiro, gives the importation of silk and manufactures of silk from the United States into that port, sume an awful lot of it to keep up the fire for the fiscal year ending June 30, 1884, as follows: Under the classifications "Silk in cocoons, raw, raw thread for weaving, untwisted for embroidery, and twisted," the total valuation was \$12,969.60, the Brazilian import duty on goods of this character being ten per cent. Of woven fabrics, piece goods, ribbons, etc., less than fifty dollars worth from this country, were entered during the same period, at Rio de Janeiro, the duty levied on this class of goods being thirty per cent.

A successful dentist in a Western city is

falls, Minneapolis, are eating their w wooden apron was built under the falls they flow and through which the water v eating. Water has got under the wood protection, and it seems certain that whole thing must go. If this happens damage to mill property will reach millie of dollars.

Chester M. Spaulding, for two years 1 manager of the Peninsular Club House. taken the management of the Mesr House, at Marquette, for a term of year Mr. Spaulding is a "landlord as is a la lord," as Dickens would say

M. H. Butler has been appointed rec er of the Middlebrook & Post Manufact

ing Co., at Detroit. in the grocery business at Allegan.

MISCELLANEOUS.

years of age, with 5½ years' experience, wishes employment in a drug store. References from employers. Address Lock Box 323, Ludington, Mich.

coloring matter to the water, in which the lot material is good as new. Will be sold at a bargain cody, Ball & Co.

FOR SALE—The brevier type formerly used on THE TRADESMAN. The font comprises 222 pounds, including italic, and is well-assorted and very little worn. Address this office.

WHOLESALE PRICE CURRENT,

Advanced-Citric acid, oil Spearmint. Declined-Golden Seal, root, German Qui-

ACIDS			
Acetic, No. 8	9	(0)	10
Acetic, C. P. (Sp. grav. 1.040)	30	@	35
Carbolie	38	@	40
Citrie	55	@	60
Muriatic 18 deg	3	a	5
Nitrie 36 deg	11	a	12
Oxalie	141	600	15
Sulphuric 66 deg	3	@	4
Tartaric powdered	52	0	55
Benzoic, English 🛱 oz			18
Benzoic, German	12	@	15
Tannie	12	64	15
AMMONIA.			
Carbonate 智 b Muriate (Powd. 22c)	15	0	18
Muriate (Powd. 22c)			14
Aqua 16 deg or 3f	5	0	6
Aqua 18 deg or 4f	6	@	7
BALSAMS.			
Copaiba		450	
Fir			40
Peru		2	00
Tolu			50
BARKS.			
Cassia, in mats (Pow'd 20c)			11
Cinchona, yellow			18
Elm, select			13
Elm, ground, pure			14
Elm, powdered, pure			15
Sassafras, of root			10
Wild Cherry, select			13
Bayberry powdered			20
Hemlock powdered			18
Wahoo			30
Soap ground			12
BERRIES.			
		0	
Cubeb prime (Powd 80c)	6	@	75
Juniper		@	7
Prickly Ash	50	@	60
EXTRACTS.			
Licorice (10 and 25 th boxes, 25c)			27
Licorice, powdered, pure			373
Logwood, bulk (12 and 25 lb doxes).			9
Logwood, 1s (25 to boxes)			12
Lgowood, ½s do			13
Tagoriood, 725 do			15

Licorice (10 and 25 lb boxes, 25c) Licorice, powdered, pure Logwood, bulk (12 and 25 lb doxes). Logwood, 18 (25 lb boxes). Logwood, ½s do Logwood, ½s do Logwood, ass'd do Fluid Extracts—25 \(\frac{1}{2} \) cent. off list.		27 373 9 12 13 15 14
• FLOWERS.		
	10 @	11
ArnicaChamomile, RomanChamomile, German	10 6	25 25
GUMS.		
Aloes, Barbadoes	60@	75 17 50
Aloes, Socotrine (Powd 60c)	28@	30
Ammoniac	280	65
Arabic, powdered select		60
Arabic, 1st picked		50
Arabic,2d picked		45
Arabic, 3d picked		
Arabic, sifted sorts		35
Assafæntida, prime (Powd 35c)		25
Benzoin	550	000
Camphor	20@	22
Catechu. 1s (½ 14c, ¼s 16c)	0.0	13
Euphorbium powdered	35@	40
Galbanum strained	0001	80
GambogeGuaiac, prime (Powd 45c)	90@1	00
Guaiac, prime (Powd 45c)		35
Kino [Powdered, 30c]		20
Mastic Myrrh. Turkish (Powdered 47c)		
Myrrh. Turkish (Powdered 47c)		40
Opium, pure (Powd \$5.40)	3	75
Shellac, Campbell's		30
Shellac, English		26
Shellac, native		24
Shellac bleached	15011120	30
Tragacanth	30 @1	00
HERRS-IN OUNCE PACKAG	TES	

Gualac, prime (Powd 450)	90
Kino [Powdered, 30c]	20
Mastic	
Myrrh. Turkish (Powdered 47c)	40
Opium, pure (Powd \$5.40)	3 75
Shellac, Campbell's	30
Shellac, English	26
Shellac, native	24
Shellac bleached	30
Tragacanth 30	@1 00
, and a second programmer	
HERBS-IN OUNCE PACKAGES	•
Hoarhound	25
Lobelia	25
Peppermint	25
Rue	40
Spearmint	24
Sweet Majoram	35
Tanzy	25
Thyme	30
Wormwood	25

Solution mur., for tinctures			-
Sulphate, pure crystal			8
LEAVES.			
Buchu, short (Powd 25c) Sage, Italian, bulk (1/4 s & 1/2 s, 1/2 c)	13	0	1
Senna, Alex, natural	18	0	62.00
Senna, powdered			5
Uva Ursi			100
Foxglove			00 00
Rose, red		2	9
W., D. & Co.'s Sour Mash Whisky.2 Druggists' Favorite Rye		@2	

LIQUORS.	
W., D. & Co.'s Sour Mash Whisky. 2 00 Druggists' Favorite Rye. 1 75 Whisky, other brands. 1 10 Gin, Old Tom. 1 35 Gin, Holland 2 00 Brandy 1 75 Catawba Wines 1 25 Port Wines 1 35	@2 2 @2 0 @1 5 @1 7 @3 5 @6 5 @2 0 @2 5
MAGNESIA.	
Carbonate, Pattison's, 2 oz Carbonate, Jenning's, 2 oz Citrate, H., P. & Co.'s solution Calcined	2 2 2 6

.7 .5	O.L.D.
vay	Almond, sweet
ag-	Amber, rectified
goa	Bay ₩ oz
s to	Bergamont
ich	Croton
was	Caseia
den	Cedar, commercial (Pure 75c).
the	Citronella
the	Cod Liver, N. F
ons	Cod Liver, best
ons	Cubebs, P. & W
	Fireweed
past	Geranium 🕏 oz
	Tunings wood

	Geranium # oz		
past	Hemlock, commerc	cial (P	ure 75
has	Juniper wood		
	Juniper berries		
ard	Lavender flowers,	Frenc	h
	Lavender garden	do	
ars.	Lavender spike	do	
ind-	Lemon, new crop.		
	Lemon, Sanderson	'S	
	Lemongrass		
	Olive, Malaga		
eiv-	Olive, "Sublime It	alian	
	Origanum, red flov	vers, I	French
tur-	Origanum, No. 1		
	Pennyroyal		

Rose # oz	8 50
Rosemary, French (Flowers \$1 50)	65
Salad	65 @ 67
Savin	1 00
Sandal Wood, German	4 50
Sandal Wood, W. I	7 00
Sassafras	55
Spearmint	@7 75
	50 @5 00
	10 @ 12
Wintergreen	2 10
Wormwood, No. 1 (Pure \$4.00)	3 50
Wormsoad	2 00

	POTASSIUM.
Bromide, cr Chlorate, cr Iodide, crys	yst. and gran. bulk yst (Powd 23c) t. and gran. bulk ellow.
	ROOTS.
Alkanet	

Allow, Laylor S, III /48 and /28		
Blood (Powd 18c)		
Calamus, peeled		
Calamus, German white, peeled		
Elecampane, powdered		
Gentian (Powd 15c)		
Ginger, African (Powd 14c)	11	0
Ginger, Jamaica bleached	1874	_
Golden Seal (Powd 25c)		
Hellebore, white, powdered		
Ipecac, Rio, powdered		
Jalap, powdered		
Licorice, select (Powd 15)		
Licorice, extra select		
Dinly two		

15 6 4½ 18 1 50 1 75 20 10

S	PONGES		
Florida sheeps' woo			25
Nassau do	do		
Velvet Extra do	do		
Extra Yellow do	do		
Grass do	do		
Hard head, for slate	use		
Yellow Reef, do			
	ELLANE		
Alcohol, grain (bbl	82 22, 10	oal	
Alcohol, wood, 95 pe	r cent	v ref	
Anodyne Hoffman's	Conte	a. Ici.	
Arsenic, Donovan's	solutio	n	
Arsenic, Fowler's se	lution		
Annatto 1 to rolls	nation.		
Alum		****	017
Alum, ground (Pov	(a0 b.	As 10	2/2
Annetto prime	d 90)		3

Opium, pure (Powd \$5.40).		3 75
Shellac, Campbell's		30
Shellac, English		26
Shellac, native		24
Shellac bleached		30
Tragacanth	30	@1 00
HERBS-IN OUNC	E PACKAGES.	
Hoarhound		25
Lobelia		25
Door amoint		25
Peppermint		40
Rue		40
Spearmint		24
Sweet Majoram		35
Tanzy		25
Thyme		30

tue								٠	•		•	٠.
Spearmint												
Sweet Majoram												
Tanzy												
Thyme												
Wormwood												
	1	RC	N.									
Citrate and Quin	ine.											6
Solution mur., fo	r ti	net	uı	es	3							
Sulphate, pure c												
Citrate												
Phosphate							•					

Buenu, short (Fowd 250)	60	TI
Sage, Italian, bulk (48 & 48, 12c)		6
Senna, Alex, natural 18	0	20
Senna, Alex. sifted and garbled		30
Senna, powdered		22
Senna tinnivelli		16
Uva Ursi		10
Belledonna		35
Foxglove		30
Henbane		35
Rose, red	2	35
LIQUORS.		
W., D. & Co.'s Sour Mash Whisky.2 00	@2	25

LIQUORS.	
W., D. & Co.'s Sour Mash Whisky. 2 00 Druggists' Favorite Rye. 1 75 Whisky, other brands 1 10 Gin, Old Tom 1 35 Gin, Holland 2 00 Brandy 1 75 Catawba Wines 1 25	@2 25 @2 00 @1 50 @1 75 @3 50 @6 50 @2 00
Port Wines	@2 50
MAGNESIA.	
Carbonate, Pattison's, 2 oz	22

	Calcined	
S	OILS.	
y	Almond, sweet 4	5
_	Amber, rectified	
-	Anise	
a	Bay \$ oz	
	Bergamont	0
0	Castor	C
1	Croton	
	Cajeput	
S	Cassia	
n	Cedar, commercial (Pure 75c)	
	Citronella	
e	Cloves	
	Cod Liver, N. F B gal	
0	Cod Liver, best	

Seeley & Aldrich succeed A. L. Streeter

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.

CITUATION WANTED-A young man, 22

SAFE FOR SALE-Detroit Safe Co.'s make. burglar proof chest, three combination locks, two sets of double doors, weight 6000 pounds. A first class safe in every respect and

hot material is suddenly cooled.

The Drug Market.

Trade has been fairly good the past week, collections also. Quinine is lower, 100 oz Parket.

Trade has been fairly good the past week, collections also. Quinine is lower, 100 oz Parket Republic Republic

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

Anise, Italian (1	Powd 20c)			
Bird, mixed in	h mackage	· · · · · · · · · · · · · · · · · · ·	5	0
Canary, Smyrn	9		4	0
Caraway, best I	hutch (Poy	vd 20c)	15	0
Cardamon, Ale	nnee	· a 200/.	10	0
Cardamon, Mala	har			
Celery				
Coriander, pest	English			
Fennel	Linguish			
Flax, clean			09	10
Flax, pure grd (bbl 210		334	
Francisco Pro	DDI 0%)		4	0
Foenugreek, po	wdered			
Hemp, Russian	DI1 10		41/	200
Mustard, white	Black 100	3)		
Quince				_
Rape, English			6	0
Worm, Levant.				
	SPONGI	ES.		
Florida sheeps'	wool, carr	iage2	25	a
Nassau de	o do		-	_
Velvet Extra de	do			
Extra Yellow do	o do			
Grass de	do			
Hard head, for	slate use			
Yellow Reef,	do			
	HISCELLAN			

41/2 8 5½ 8 75 7 14 0 Antimony, powdered, com'l..... Arsenic, white, powdered........ Blue Soluble..... Blue Soluble.
Bay Rum, imported, best
Bay Rum, domestic, H., P. & Co.'s.
Balm Gilead Buds.
Beans, Tonka.
Beans, Vanilla. Beans, Vanilla
Beans, Vanilla
Bismuth, sub nitrate
Blue Pill (Powd 70c)
Blue Vitriol
Borax, refined (Powd 12c)
Cantharides, Russian powdered
Capsicum Pods, African
Capsicum Pods, African pow'd
Capsicum Pods, Bombay do
Carmine, No. 40.
Calomel, American
Chalk, prepared drop
Chalk, precipitate English
Chalk, pred fingers
Chalk, red fingers
Chalk, white lump
Chloroform, Squibb's
Colocynth apples
Chloral do do cryst
Chloral do do cryst
Chloral do Schorii's de 2 00 18 22 18 4 00 12 75 5 12 8 1 60 60 1 50 1 70 1 90 1 75 2 28 2 28 2 20 40 45 Chloral hydrate, German crusts.
Chloral do do cryst.
Chloral do Scherin's do
Chloral do do crusts.
Chloral Chloral Chloral Chloral
Cloves (Powd 25c).
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 1b box.
Creasote. 0

Creasote Cudbear, prime Cuttle Fish Bone

Cuttle Fish Bone
Dextrine
Dover's Powders.
Dragon's Blood Mass
Ergot powdered.
Ether Squibb's.
Emery, Turkish, all No.'s.
Epsom Salts (bbl. 13%).
Ergot, fresh.
Ether, sulphuric, U. S. P.
Flake white.
Grains Paradise.
Gelatine, Cooper's.
Gelatine, French
Glassware, flint, 79 off, by box 60 off
Glassware, green, 60 and 10 dis.
Glue, capitet. 45 @ 70 Hops ½s and ¼s.... Iodoform % oz.... Indigo ...
Insect Powder, best Dalmatian ...
Insect Powder, H., P. & Co., boxes
Iodine, resublimed ...
Isinglass, American

London Purple..... 10 @ 15 London Purple Lead, acetate. Lime, chloride, (½s 2s 10c & ½s 11c) Lupuline Lycopodium Mace

Quinine, German
Red Precipitate. # 15
Seidlitz Mixture
Strychnia, cryst.
Silver Nitrate, cryst.
Saffron, American.
Sal Glauber. 0

Saffron, American
Sal Glauber
Sal Nitre, large cryst.
Sal Nitre, large cryst.
Sal Nitre, medium cryst.
Sal Rochelle
Sal Soda.
Salicin.
Santonin
Santonin
Santonin
Soda Ash [by keg 3c]
Spermaceti.
Soda, Bi-Carbonate, DeLand's.
Soap, White Castile.
Soap, Green do
Soap, Mottled do
Soap, do do
Soap, Mazzini.
Spirits Nitre, 4 F
Spirits Nitre, 4 F
Sugar Milk powdered.
Sulphur, foli.
Tartar Emetic.
Tar, N. C. Pine, ½ gal. cans ¥ doz 26 @ 30 @

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

7 @

3 50 2 00

Extra Turp. 1 60@1 70
Coach Body. 2 75@3 00
No. 1 Turp Furniture. 1 1 00@1 10
Extra Turp Damar. 1 55@1 60
Japan Dryer, No. 1 Turp. 70@ 75
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.

HAZELTINE, PERKINS

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.

-Aiso for the-

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

Druggists' Sundries

Our stock in this department of our business 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 recom-

mendations. Wine and Liquor Department

tion to the selection of choice goods for the DRUG TRADE ONLY, and trust we merit the high praise accorded us for so satisfactorily supplying the wants of our customtomers with PURE GOODS in this department. We CONTROL and are the ONLY AUTHORIZED AGENTS for the sale of

the celebrated WITHERS DADE & CO.'S

Henderson Co., Ky., SOUR MASH AND OLD FASHIONED HAND MADE, COP-PER DISTILLED WHISKYS. We not only offer these goods to be excelled by NO OTHER KNOWN BRAND in the market, but superior in all respects to most that are exposed for sale. We GUARANTEE perfect and complete satisfaction and where this brand of goods has been once introduced

the future trade has been assured. We are also owners of the

Druggists'

Which continues to have so many favorites among druggists who have sold these goods 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 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 58@60 invite your correspondence.

> Mail orders always receive our special and personal attention.

HAZELTINE, PERKINS & CO

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 Second-class Matter.

WEDNESDAY, JULY 8, 1885.

HIGH ART IN NECKTIES.

How the Various Styles of Goods are Made Up and Put on the Market. From the Chicago News.

"There are special grades and designs of silks and satins made exclusively for the necktie trade," said a manufacturer. These materials are made from patterns designed by men who do nothing else than study up new things in neckties. The goods are of heavier quality than dress silks, and of patterns which never find their way into any other branch of trade. For these reasons they are higher in price than ordinary goods. Samples are sent by the makers to New York for the inspection of buyers. I go to New York to look at new designs about once every two months. There are from 50 to 75 necktie factories in this country and 10 or 12 first-class makers. The latter usany secure exclusive right to use certain styles of goods from the makers by buying ually secure exclusive right to use certain either the entire stock offered to the American market or a large quantity of it. But the success of making up the goods is just like a lottery ticket. Perhaps one year I may make a hit on some particular design and it will become so popular that all the other makers will be forced to adopt it. But the next season some one in Boston or New York may make the hit and I will have to follow him. There's never any telling how a necktie is going to take with the public until it is put on the market. Then its success may depend altogether on who adopts it first. If he happens to be a howling swell, and on the right side of popular favor, that particular kind of necktie will sell like all possessed."

"Are the styles of making up neckties originated abroad?"

"Not now. They were until less than three years ago, but our styles are so much superior to European now that they are coming over here to get patterns. However, there is a tendency to English fashions for the fall."

"Are men or women employed to make up neckties?"

"Oh, women. There are 800 girls working at the business in Chicago alone." "What wages are they paid?"

"They work by the piece and make more or less money, according to their expertness A good finisher can make \$8 or \$9 a week. She takes a necktie after it is put together and finishes each detail perfectly, so that it try of Closet? is ready to box. Three different colors of the same design, made in the same style, are boxed together to give a dealer an assortment in the one make. The finisher must see that all of this kind are exactly alike in point of finish and makeup. We have one girl who does nothing but turn the bands of neckties and who makes \$15 a week. She is capable of turning 25 or 30 dozen bands each day. Other girls who are not so expert may not make more than \$3 or \$4 a week and from that up to \$9.

"Where is the cheap neckwear made

which is shown so extensively this summer?" "The 'chean wear' now flooding the market is composed of old styles, made of poor goods, which the cheap trade in New York has succeeded in buying up and sending all over the country. A good, well-made necktie costs from 50 cents to \$1.50. As nice a one as any man needs can be bought for 75 cents. As a rule men show no discrimination in purchasing neckties. They look into a window, see a tie that takes their fancy, and then rush in to buy it, never stopping to ask the price. Thus, they are as apt to buy one of the cheap kind that will not look well a week as one of better quality. So there's lots of these low price goods being sold, and business is consequently dull just now. A good necktie is the result of art and study. It can't be turned out for a

The Goblet Must Go.

It is good to hear that goblets are no longer fashionable. Like everything else that is false and meretricious, goblets have had their day, and after a long reign must now give way to the present comfortable tumbler that always means what it confidentially asserts-business and not show. In bidding farewell to the goblet one social philosopher writes that it was an outgrowth of a false system of civilization. It runs things up into the air with slender bodies and unstable foundations. It is like our moneyed aristocracy and many of our social systems. Waiters and guests break ten goblets to one tumbler, and the latter will not spill or upset in about the same proportion.

The Western Druggist says there is a largely increased demand for the gum of the eucalyptus tree on account of its effect in removing scales in steam boilers and in preventing rust and "pitting." Extensive eucalyptus forests are to be planted in California with the object of supplying the de- DRYDEN & PALMER'S

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

Fig raising is proving to be a very profit able industry in California.

Refrigerators!

Points in this New Refrigerator.



THE LABRADOR the moisture, rendering the air DRY and VERY COLD.

COLD.
4. OUR PATENT COLD BLAST—the system of circulation and rotation of air—forces a constant stream of ice-cold air into the provision apartment.
5. The simple construction of this Refrigerator reduces the cost for repairs to a minimum.



Foster, Stevens

& Co. 10 and 12 Monroe St., Grand Rapids. The Leading Hardware and Housekeepers' Emporium of Western Michigan.



Torrance, Merriam & Co., TROY, N. Y. Manufacturers



PETER DORAN. Attorney-at-Law,

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

SHIPPING BASKETS AND BOXES THE MICHIGAN BASKET FACTORY OF ST. JOSEPH, MICH. SEND FOR ILLUSTRATED PRICE LIST.

ROCK CANDY.

John Caulfield, Sole Agent for Grand Rapids

THE LEADING BRANDS OF

Offered in this Market are as follows:

PLUC TOBACCO.

_			1											1
ele	RED FO	X	-	-	-		-		-		-	-		.48
d	BIG DR	IVE	-		-	-		-		-		-	-	.50
-	PATRO		-	-	-		-		-		-	-		.46
r	JACK F		7		-	-		-		-		-	-	.38
X	SILVER			-	-		-		-		-	-		.46
e	PANIC	-	-		-	-		-		-		-	-	.46
d	BLACK	PRINC	CE,	DA	RK		-		-		-	-		.35
2	BIG STU		-			-		-		-		_	-	.38
f l-	APPLE			-	-		-		-		-	-		.46
n		2c less in	order	s for	100 I	oun	ds o	of an	y or	ne b	rand	d.		
				7		-		77		1				
				A.		6			108					

	TINE COT.	
	TITE WILLIAM TITE	.64
	STUNNER, DARK	.38
7	RED BIRD, BRIGHT	.50
	OI HIGH WORLD, DIGGER	.40
	FRUIT	.32
	O BO B W HELL	.30
1	2c less in 6 pail lots.	

SMOKING

7	ARTHUR'S CHOICE, LONG CUT, BRIGHT RED FOX, LONG CUT, FOIL	.2
J.	RED FOX, LONG CUT, FOIL	.20
e-	GIPSEY QUEEN, GRANULATED OLD COMFORT, IN CLOTH	.2
lt-	OLD COMFORT, IN CLOTH	.2
e-	SEAL OF GRAND RAPIDS, IN CLOTH	.2
ie il-	DIME SMOKER, IN CLOTH	.2
ne r	2c less in 100 pound lots.	
et.	mi tour de one gold only by	

These brands are sold only by

Arthur Meigs & Co. Wholesale Grocers.

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

4TH OF JULY!

BLANK CARTRIDGES, ETC.

S. HILL & CO., Jobbers,

21 Pearl st., Grand Rapids.

TO THE TRADE.

OVERALLS, SACK COATS, JUMPERS, ETC. Which we guarantee to be superior in make, fit and quality to be any in the market.

OUR OVERALLS AND SACK COATS

Comprise all the best points it takes to make up good, durable and desirable goods. The main points in our Overalls are the superior cut and high waist, making them perfect hip fitting, so that no suspenders need be used to keep them up in place. OUR SACK COATS Are cut full so as not to bind in any part and large enough for any man

EVERY GARMENT IS WARRANTED NOT TO RIP. If in any case they should rip or not give perfect satisfaction, give the purchaser another pai

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

Michigan Overall Co., Ionia, Mich. No convict labor used in the manufacture of our goods.

See Our Wholesale Quotations elsewhere in this issue and write for

Special Prices in Car Lots.

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

3 Canal Street, Basement, Grand Rapids, Mich.

THE CRAND RAPIDS ROLLER MILLS

MANUFACTURE A

'SNOW-FLAKE," AND "LILY WHITE PATENT," FANCY PATENT "ROLLER CHAMPION." Prices are low. Extra quality guaranteed. Write for quotations.

EAST END BRIDGE ST. BRIDGE, GRAND RAPIDS, MICH.

Sands' Patent Triple Motion

MOUNTAIN

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

TRIPLE MOTION CREAM FRE

SPRING & COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

RY GOODS,

CARPETS.

MATTINGS

OIL CLOTHS

ETC., ETC.

6 and 8 Monroe Street,

Crand Rapids,

Michigan.

PERKINS HESS,

Hides, Furs, Wool & Tallow,

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

Curtiss, Dunton & Go.

Rapids Tank Line. Grand

We receive Illuminating and Lubricating Oils direct from the Refineries in Tanks,

BRANDS.

King Cylinder.

Globe Cylinder.

25 º Parafine.

No. 2 Golden.

Zero W. Va.

87 Gasoline.

Castaroline.

Lard Engine.

Amber Engine.

Summer West Va.

Prime White, Michigan Test.

XXX Water White. Electroleum.

Michigan Test.

LUBRICATING.

French Valve Cylinder. Dark Valve Cylinder. Eureka Engine. No. 1 Golden.

No. 3 Golden. 15 ° Chill Test W. Va. 74 Gasoline. Extra Globe Engine.

Lardoline. Rubbing Oils.

Globe Axle Grease.

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

CURTISS, DUNTON & CO

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

MORTGAGE-NOTES-DISCREPANCY. A discrepancy between notes sued on and notes described in a mortgage, consisting merely in the name of the month-"July" instead of "June"-was held by the Supreme Court of Louisiana insufficient to defeat a claim for the enforcement of payment, there being no pretense that the mortgagor had issued outstanding notes identical with those described in the mortgage.

DEBTOR AND CREDITOR—CERTIFICATE OF INDEBTEDNESS.

A creditor who receives from his debtor a certificate in writing, not negotiable, of the amount of his debt, and sells the certificate to a third person for a sum less than its nominal amount, thereby authorizes the purchaser to receive the amount from the debtor, and cannot after the debtor has paid it to the purchaser maintain any action against the debtor, according to the decision of the Supreme Court of the United States.

INSURANCE POLICY-STIPULATION-FOR-FEITURE.

A condition in a fire insurance policy providing that the failure of the insured to pay a premium note when it falls due will relieve the insurer from any liability from any loss occurring during such default, is not unreasonable or contrary to public policy, and unless such condition is waived or rescinded by the insurer, the nonpayment of the note at the stipulated time involves a forfeiture of policy. So held by the Supreme Court of Kansas.

PARTNERSHIP INTEREST--ASSETS--LIQUID-ATION.

A partnership may become a member of a new partnership, and while the interest of the former in the latter may be a firm asset of the first partnership, this will not prevent one of its members from suing for a liquidation and settlement of the general partnership on appropriate allegations and by making his fellow members of both firms parties. So held by the Supreme Court of Louisiana.

PROMISSORY NOTE-INDORSER-JOINT MA-KER.

Where a third person puts his name in blank on the back of a promisory note at the time it is made, and before it is indorsed by the payee, to give the maker credit with the payee, he must be considered as a joint maker, according to the decision of the United States Circuit Court for the Northern district of Illinois. The court said in giving judgment in this case: "The real relation of the parties in the transaction to the notes they indorsed cannot be modified or changed by a form of technical expression that may have been used at the time, so as to affect the character of their liability. They indorsed the notes in blank. No words of express guaranty were employed to qualify the indorsement. It is apparent that the only object of the indorsements was to create an additional personal responsibility and secure credit to the maker with the payee, and the defendants must be held charged with the legal liability fairly flowing from

CONSIDERATION. In the case of Wycoff vs. DeGraff, decided by the New York Court of Appeals, it appeared that the defendant indorsed certain notes for the accommodation of the maker, which notes were discounted by plaintiff, who transferred them for a valuable consideration. Before the maturity of the notes the plaintiff, at the request of the defendant and upon his promise to waive protest, and to give his own notes for the discounts, ageed to advance the money necessary and to take up said notes, and did so as they matured. Defendant refused to give his own notes, and plaintiff brought the action to recover the amount paid by him. The court held that the agreement of defendant was for a good consideration, and that the action was maintainable. The defendant's obligations, the court said, grew out of his relation to the paper, and were implied from its terms, though they did not prevent such an express contract as the one in the case. Nor to sustain that contract need it appear that the promisor acquired any actual advantage. It was enough that at his request something was done which originally the other party had not undertaken to do-as in this case, payment at maturity and before protest, instead of after default by the other parties. Before the promise by defendant to waive protest and give his notes, the plaintiff owed no duty whatever to the defendant. At that time one was created, and of a very different kind from that which he was under to the holder of the paper. By reason of it, something was done beyond what he was already bound to do, and this, the court said, was consideration enough within all the author-

In Tonquin the only coin is one of base metal, of which it takes forty-three to equal a cent in value. There are, therefore, 4,300 in one dollar, which weighs over twenty pounds. Ten dollars make a heavy load for the stout wheelbarrows which fill the place of drays in America in doing the heavy city transportation, and the pay of a regiment or two in the old days of Tong Doe rule sufficed to load a good-sized junk.

ESTABLISHED 1865.

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

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

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

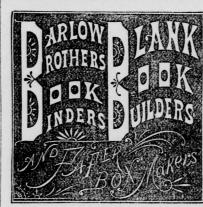
Sleigh.

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

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



Arctic Manufacturing GRAND RAPIDS, MICH.



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

PATENTEES AND SOLE MANUFACTURERS OF

Barlow's Patent

Send for Samples and Circular.

BROTHERS, Grand Rapids, Michigan.





O. H. RICHMOND & CO.

GRAND RAPIDS, MICH. MANUFACTURERS OF

Richmond's Family Medicines.

RICHMOND'S LIVER ELIXIR.

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

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

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

Retailers, please order of your jobbers in Grand Rapids, Chicago or Detroit. If your 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.

JOBBERS, ATTENTION! TWENTY DOLLARS SAVED INVESTING TEN DOLLARS

IN USING DUNHAM'S PATENT

Combination Tag and Envelope. IT SAVES Postage, Envelopes, Addressing Letters, Sticking Stamps, Delivery to Post-

office.

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

Send for samples and prices to

E. A. Stowe & Bro., Manufacturers' Agents,

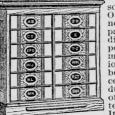
Putnam & Brooks,

Wholesale Manufacturers of

Oranges, Lemons,

Bananas, Figs, Dates,

ETC.



National Cabinet Letter File Company,

186 and 188 Fifth Ave., Chicago.

HAZELTINE, PERKINS & CO. have

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 casts and mison. Send for sample cards and prices. Addre

Jennings & Smith

PROPRIETORS OF THE

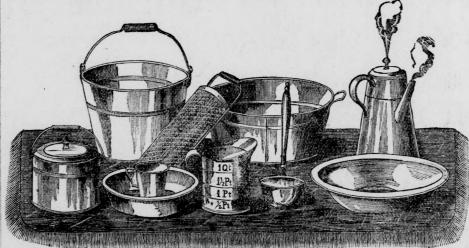
Arctic Manufacturing Co.,

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

Jennings' Flavoring Extracts,

Baking Arctic Powder.

OUR ECONOMY SET---Almost a complete Kitchen Outfit to retail for \$1. Ten Pieces of patent Fire-Proof Bottom Tin-Ware.



A companion assortment to our other set, substituting some cooking attensils that will be found very desirable in many instances.

These goods are superior to all others in quality, and every piece is guaranteed against leaking, and are specially needed in every kitchen.
We ofter this assortment at nearly 50 PER CENT less than the regular price for the common Old Style Tinware.

ware.

A trial order will convince you of
the merit of the Economy Set, and
advantages to be derived from selling the best enviled. ing the best quality of goods at such an EXTRAORDINARY LOW

ing the best quality of goods at such an EXTRAORDINARY LOW PRICE.

The Economy Set Consists of One 12-quart Patent Bottom Dish-Pan. One 10-quart Patent Bottom Open Bucket. One 2-quart Patent Bottom Coffee Pot. One 2-quart Stamped Milk Pan. One 2-quart Patent Bottom Covered Bucket. One 1-quart Cup Dipper. One 1-quart Novelty Measure. One ½-pint Press Cup. One 11½-inch Wash Basin. One Large Potato Grater. 10 Pieces. Price per dozen Sets \$9.

No Orders taken for less than "Case Lots" of one dozen Sets. Advertising Card and Circulars in each case. Sample orders of "Case Lots" can be returned, if not found as represented.

If you have not been dealing with us, send reference or draft with order.

The best proof that the sets have extraordinary merit and are approved by the public is that they are imitated and counterfeited by other mufacturers, who are using the same number of pieces, but smaller sizes and inferior goods. Write for Circulars and Price Lists

Foster, Stevens & Co., LEADING HARDWARE & HOUSEKEEPERS' EMPORIUM OF WESTERN MICHIGAN

10 and 12 MONROE STREET, GRAND RAPIDS, MICH.

National Cabinet Letter File Company, Over 12,000 files sold the first year. Over 800 Nationals now in use by parties who have discarded the most popular of other makes. The National is the best, because it is more complete, more durable than any other Cabinet Letter File ever made. It is the cheapest, because it has greater capacity than any other. Send for Illustrated Catalogue. Manufactured under O. C. Mackenzie's patents by National Cabinet Letter File Company.

OILS;

Naphtha and Gasoline, Greases, Etc.

CAPITOL CYLINDER. MODEL

SHIELD

BACKUS FINE ENGINE,

ELDORADO MICH. PEERLESS MACHINERY, CHALLENGE MACHINERY 740 " BLACK DIAMOND,

PARAFINE, 250, SUMMER, WEST VA. 250 to 300

150 C. T. ZERO,

630 DEO. NAPTHA,

870 GASOLINE

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

NO. 2. AND 3 CANS.

YOUNG, TENDER AND SWEET, NATURAL FLAVOR RETAINED. GUARANTEED PURITY.

\$1,000 IN GOLD.

NOT SWEETENED WITH SUGAR. NO CHEMICALS USED. NOT BLEACHED WHITE. NO WATER IN CANS.

The Trade supplied by Wholesale Grocers Only. Respectfully,

THE ARCHER PACKING CO., Chillicothe, Ills.

E. FALLAS,

Choice Butter always on hand. All Orders receive Prompt and Careful Att CORRESPONDENCE SOLICITED.

No. 1 Egg Crates for Sale. Stevens' No. 1 patent fillers used. 50 cents each. 97 and 99 Canal Street,

Grand Rapids, Michigan

Groceries.

Changes in the Pacific Coast Grocery Trade.

"Old California timers," says the San Francisco Herald, "well remember that in early days grocery merchants kept complete assortments of all sorts of merchandise incidental to that trade department, such as coffee, sugar, rice, teas cigars, tobaccos, wines and liquors, case and canned goods, salt, soap, candles, etc. But such is not the case nowa-days to the extent referred to. Nearly all these several departments have houses especially adapted to the several trade departments, such for instance as provisions. We have firms making salted meats, lard, etc., a specialty, canneries with their supply of case goods, fruits, salmon, etc., wine merchants, distillers and liquor merchants, cigar manufacturers, tobacconists carrying exclusively heavy stocks of favorite manufacturers, salt, soap and candle manufactories, bread and cracker bakeries that do an immense local and export trade. Other houses give their attention to dried fruits, others to green fruits, cordage factories, oil refineries, and so on throughout the entire list of general merchandise. From this statement our Eastern friends will readily understand the great changes wrought the past twenty years in merchandising upon this coast.

Grocers' Sundries.

From the New England Grocer.

It is hard to see how strawberry growers will make anything to speak of this year. Big crops are making low prices. The publie doesn't object.

Common brown wrapping paper and indigo-blue paper used by grocers are the æsthetic wall decorations of the present

The male codfish always takes care of the eggs and young. The only peace in life which a male codfish enjoys is when he gets salted down and stored away in a country

"What makes you chew tobacco?" asked a nervous brother of Sam Jones, the evangelist. "To get the juice out," said Sam, who seems to be as practical about material as he is about spirtual things.

We are on the eve of receiving a new tea crop, as new teas will arrive from July to September. Speculators who purchased a good deal of tea early in the spring are now said to be wishing they had let it alone. The new crop will be an abundant one, though not so large as in former years.

Affable Salesmen.

way some their composure when the long run, and those who can and a disposition to please a customer will tell in the long run, and those who can and shift the long run, and those who can and shift the long run, and those who can and shift the long run, and those who can and the long run, and those who can and their concerns their composure when they have cause of offense, are of great value to their employers. They hold the customers that have once traded with them, and so their stanity becomes a sort of contribution of theirs to the capital of the concern.

Red Lead in Peper.

From the Nee England Grocer.

All Silver Control sufficiently to preserve their composure when they have caused offense, are of great value to their employers. They hold the customers that have once traded with them, and so their stanity becomes a sort of contribution of theirs to the capital of the concern.

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Red Lead in Peper.

From the Nee England Grocer.

All Silver Control sufficiently to preserve their composure when they have caused offense, are of great val

The following retail dealers have visited the market during the past week and placed orders with the various houses: Leavenworth & Co., Forman,

Leavenworth & Co., Forman,
H. A. Crawford, Cadillac.
Reigler, Roush & Co., Freeport.
Mrs. Jacob Debri, Byron Center,
Lewis Champlain, Cadillac.
Mr. Tannis, DenHerder & Tannis, Vriesland.
M. Jonkman, Holland.
E. R. Benedict, Cedar Springs.
Howard Morley, Morley Bros., Cedar Springs.
H. Stow, Deer Lake.
Geo. W. Sharer, Cedar Springs.
E. A. Carpenter, Colborn & Carpenter, Calelonia.

lonia.
John Otis, Mancelona.
S. B. Anderson, Berlamont.
A. Norris, A. Norris & Son, Casnovia.
R. H. Topping, Casnovia.
J. C. Benbow, Cannonsburg.
Geo. H. Force, Morley.
C. L. Howard, Clarksville.
Den McOucon, Caledonia.

Geo. H. Force, Moriey.
C. L. Howard, Clarksville.
Dan McQueen, Caledonia.
T. H. Peacock, Reed City.
A. Wallbrecht, Mancelona.
Geo. E. Herrick, Olsen & Herrick, Cadillac.
Wm. Hugh, Hugh & Jones, Morley.
Joseph Totten, Totten.
Henry Kritzer, Newaygo.
E. E. Rodenbaugh, Breedsville.
H. B. Irish, Lisbon.
Byron McNeal, Byron Center.
S. D. Foster, Otsego.
W. A. Palmer, Carson City.
Luman Jenison, Jenisonville.
C. B. Hirshfield, Allegan.
Jacob Hetz, Muskegon.
Jacob Hetz, Muskegon.
Jas. Darling, Darling & Smith, Fremont.
Andrew Gerber, D. Gerber & Sons, Fremont.
Lesse McIntyre, Fremont.
Chas, H. Loomis, Sparta.

Chas. H. Loomis, Sparta. W. P. Conklin, O. F. & W. P. Conklin, Ra enna. Mrs. Louis Vincent, Muskegon. Mr. Houghtaling, Chas. Sackrider & Co. fart

Hart. J. F. Keeney, J. F. Keeney & Co., Ferry. Hart.
J. F. Keeney, J. F. Keeney & Co., Ferr
H. Johnson, Shelby.
Little Jake, R. M. Orser, Edmore.
Mr. Betts, Betts Bros., Edmore.
Harry W. Robson. Edmore.
Al. L. Thompson, Harbor Springs.
C. O. Bostwick & Son, Cannonsburg.
G. H. Walbrink, Allendale.
Norman Harris, Big Springs.
J. Omler, Wright.
J. Barnes, Austerlitz.
S. Cooper, Parmalee.
M. J. Howard, Englishville.
F. Hayward, Moon.
Morrison Bros., West Troy,
Mrs. E. Phillips, Shelby.
T. J. Sheridan & Co., Lockwood.
Jos. H. Spires, Leroy.
A. M. Church, Sparta.
W. S. Root, Talmadge.
W. H. Struik, Forest Grove.
Baron & TenHoor, Forest Grove.
M. Minderhout, Hanley.
Lon. A. Pelton, Morley.
Paine & Field, Englishville.
Wm. Karsten, Beaver Dam.
John W. Mead, Berlin.
S. Bitely, Bitely Siding.
Geo, H. Remington, Bangor,
John Neuman, Dorr.
H. C. Peckham, Freeport.
G. A. Estes, Tustin.
C. H. Deming, Dutton.

C. Cole, Cole & Chaple, Ada.
Eli Runnels, Corning.
E. E. Hewett, Hewett & Teft, Rockford,
L. T. McLellan, Denison.
Mr. Emmons, Eddy & Emmons, Grattan.
W. N. Hutchinson, Grant.
Geo. Carrington, Trent.
Geo. Cook, Sand Lake.
Nate Stoddard, Stoddard Bros., Reed City.
Mr. Hesseltive. Hasselfive & Son, Casnovia.
E. B. Wright, Woodville.
Ed. N. Parker, Coopersville.
M. M. Robson, Berlin.
Mr. Campbell, Griswold, Campbell & Co.,
fiddleville.

The Grocery Market.

Business and collections have ruled good during the past week. Sugars are a little weaker, and package coffees are off another

Sugars are a little weaker, and package coffees are off another sugars are a little weaker.

Basiness and collections have ruled good during the past week. Sugars are a little weaker, and package offees are off another 1/2c. Kerosene has advanced 1/2c, and trout are down. Cheese has apparently touched bottom, and an upward tendency is now looked for. Local jobbers declarethat Valnela, Layer Valencia and Ondara raisins, are now so poor that it is not advantageous to handle them, and that cheap Muscatells are very small and unsatisfactory.

Canadian Cheese.

Canadian Cheese.

Canadian Cheese.

Canadian cheese.

Canadian cheese.

One of the principal reasons why Canadian dianyman turned their attention to making cheese was the failure to make but ter that could be exported at a profit. Put ting all their cream into their cheese is therefore the principal reason why Canadian cheese, through its superiority, is rapidly onsting in foreign markets its rival made in New York. Butter and cheese cannot be taken to the same market unless the quality of the cheese suffers accordingly.

Ten million dollars is invested in the manufacture of glucose in the United States sixty-one thousand bushels of corn being used daily. The value of the annual product is superiority, is rapidly onsting in foreign markets its rival made in New York. Butter and cheese cannot be taken to the same market unless the quality of the cheese suffers accordingly.

Ten million dollars is invested in the manufacture of glucose in the United States sixty-one thousand bushels of corn being used daily. The value of the annual product is over eighteen million dollars. These figures indicate that the prejudice against the use of the substance is fast wearing away.

The St. Paul grocers have organized an Association.

WHOLESALE PRICE CURRENT.

These prices are for cash buyers, who pay promptly and buy in full packages. Advanced-Kerosene, London layers. Declined-Package coffees, lobsters, trout.

Arctic ½ b cans. 45]Arctic 1 b cans. 2 40
Arctic ½ b cans. 15 Arctic 5 b cans. 12 00
Arctic ½ b cans. 1 40]

BLUING.

Dry. No. 2. doz. 45
Liquid, 4 oz. doz. doz. 35
Liquid, 8 6z. doz. doz. 35
Liquid, 8 6z. doz. 35
Liquid, 8 6z. doz. 35
Arctic 6 0z. g gross 4 00
Arctic 16 0z. 20
Arctic 16 0z. 12 06
Arctic 16 0z. 12 06
Arctic No. 1 pepper box 20
Arctic No. 1 pepper box 30
Arctic No. 1 pepper box 45
Arctic No. 1 pepper box 45
Arctic No. 1 pepper box 55
Arctic No. 1 pepper box 55
Arctic No. 1 pepper box 65
Arctic No. 1 pepper box 67
Arctic No. 2 10
Arctic No. 2 10
Arctic No. 1 pepper box 10
Arctic No. 1 pepper box 10
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Arctic No. 1 pepper box 10
Arctic No. 2 10
Arctic No. 1 pepper box 10
Arctic No. 2 10
Arctic No. 2 10
Arctic No. 1 pepper box 10
Conve Oysters, 2 b standards 10
Cove Oysters, 2 b standards 10
Cove Oysters, 1 b picnic 17
Lobsters, 2 b star. 10
Arckerel, 3 b in Mustard 10
Arckerel, 3 b in Mustard 10
Arckerel, 3 b in Mustard 10
Arckerel, 3 b b horiled 10
A BLUING.

COFFEE.

Green Rio. 9@13 Roasted Mar. 17@18
Green Java. 17@27 Roasted Mocha. 22@30
Green Mocha. 23@25 Roasted Mex. 17@20
Roasted Rio. 19@15 Ground Rio. 9@16
Roasted Java. 23@30 Package Goods @12%.
CORDAGE.
72 foot Jute. 1 25 72 foot Cotton. 2 25
60 foot Jute. 1 60 60 foot Cotton. 2 00
40 Poot Cotton. 1 50 50 foot Cotton. 1 75
FISH.

Kniguts of Labor
Railroad
Big Bug
Arab, 2x12 and 4x12
Black Bear
King
Old Five Cent Times
Prune Nuggett, 12 b
Parrot
Old Time
Tramway
Glory

John Mohrhard quotes the trade selling prices as follows:
 Fresh Beef, sides
 6 @ 7½

 Fresh Beef, hind quarters
 8½@ 9

 Dressed Hogs
 5½@ 6

 Mutton, carcasses
 6 @ 6½

 Veal
 7 @ 8

 Pork Sausage
 8 @ 9

 Bologna
 9 @10

 Utild
 12 @ 12

CANDY, FRUITS AND NUTS.

Extra Clear, heavy.

Boston Clear
A. Webster, packer, short cut.
Clear back, short cut.
Standard Clear, the best
DRY SALT MEATS—IN BOXES.
Short Clears, heavy.
do. medium
do. light.
Long Clear Backs, 500 fb cases.
Short Clear Backs, 600 fb cases.
Long Clear Backs, 600 fb cases.
Short Clear Backs, 300 fb cases.
Bellies, extra quality, 500 fb cases.
Bellies, extra quality, 300 fb cases.
Bellies, extra quality, 300 fb cases.

Bellies, extra quality, 200 b cases. SMOKED MEATS—CANVASSED OR PLAIN. Boncless Hams. Boncless Shoulders. Breakfast Bacon

Boncless Shoulders
Breakfast Bacon
Dried Beef, extra quality
Dried Beef, tam pieces
Shoulders cured in sweet pickle
LARD.

Tierces
30 and 50 lb Tubs
50 lb Round Tins, 100 cases
LARD IN TIN PAILS.
20 lb Round Tins, 80 lb racks
3 lb Pails, 20 in a case
5 lb Pails, 6 in a case
10 lb Pails, 6 in a case
BEEF IN BARRELS.

In half barrels 3 25
In quarter barrels 3 25

Beans—Choice picked are dull at \$1.35@\$1.40 Blueberries-\$3.25 \$3 bu. Butter-Michigan creamery is in moderate demand at 16c. Dairy is slow sale at 121/2@14c

for tubs and 10@121/2c for jars. Cabbages-New stock is in fair demand at 60 @75c 🔁 doz. Cheese-New stock is abundant at 7c for full cream. Cucumbers-40c \$\forall doz.

Dried Apples-Evaporated, 7@8c; common quarters, 31/2@4c. Eggs-In moderate supply at 121/013c Green Onions-20@25c \$\partial doz. bunches.
Green Beans-\$\partial \tilde{8}\partial 1.50 \$\partial box, according to size. Wax beans, \$\partial \tilde{2}\tilde{8}\partial 2.5 \$\partial box.

Green Peas-\$\partial \tilde{9} box.

Honey-Choice new in comb is firm at 13@14c.

Hay-Bailed, \$\partial \tilde{6}\tilde{9} ton.

Letting-\$\tilde{8}\tilde{6}\tilde{6}\tilde{9} ton.

Honey—Choice new in comb is firm at 13@14c. Hay—Bailed, \$15@\$16 \(\) ton.

Lettuce—Sc for ordinary stock.
Onions—About out of market.
Pieplant—2c \(\) b.
Plums—\$1 for \(\) bu box for Tennessee stock.
Wild Goose stock, in 24 quart cases, \(\) 3.
Pop Corn—Choice commands 4c \(\) b.
Potatoes—New potatoes are quite plentiful at \(\) \$2.50 \(\) bb. for Tennessee Rose.
Poultry—Very scarce. Fowls, \(\) @10c. Chickens, \(\) 12@13c. Turkeys, 14c.
Radishes—20@25c \(\) doz. bunches.
Raspberries—12\(\) 4c per qt for red or black, in 24 pint cases or 10 quart stands.
Strawberries—5@6c \(\) qt. in 16 and 24 qt.
boxes.

boxes. Tomatoes—1.20@1.25 per ¼ bu box. Watermelons—₹5 per doz for choice Georgia

GRAINS AND MILLING PRODUCTS. Wheat—2c lower. The city millers pay follows: Lancaster, 92; Fulse, 90c; Clawson

Corn-Jobbing generally at 55c in 100 bu. lots and 52c in carlots.
Oats—White, 43c in small lots and 38c@40 in

carlots.

Rye—56c \(\text{P} \) bu.

Barley—Brewers pay \(\text{S1.25} \) \(\text{P} \) cwt.

Flour—No change. Fancy Patent, \(\text{\$6.25} \) \(\text{\$P} \) bbl.

in sacks and \(\text{\$6.50} \) in wood.

Straight, \(\text{\$5.25} \) \(\text{\$P} \) bbl. in sacks and \(\text{\$5.50} \) in wood.

Meal—Bolted, \(\text{\$2.75} \) \(\text{\$P} \) bbl.

Mill Feed—Screenings, \(\text{\$15} \) \(\text{\$P} \) ton. Bran, \(\text{\$14} \) \(\text{\$P} \) ton. Ships, \(\text{\$15} \) \(\text{\$P} \) ton.

Corn \(\text{and Oats}, \(\text{\$52} \) \(\text{\$P} \) ton.

WOODENWARE. Standard Pails, two hoop...... Dowell Pails Standard Pails, three hoop.
Dowell Pails.
Dowell Tubs, No. 1
Dowell Tubs, No. 2
Dowell Tubs, No. 3
Maple Bowls, assorted sizes.
Butter Ladles.
Rolling Pins.
Potato Mashers.
Clothes Payundes. Washboards, single.
Washboards, double.
BASKETS.
Diamond Market.
Bushel, narrow band
Bushel, wide band.
Clothes, splint, No. 1
Clothes, splint, No. 2
Clothes, splint, No. 3
Clothes, willow, No. 1
Clothes, willow, No. 2
Clothes, willow, No. 2
Clothes, willow, No. 2 HIDES, PELTS AND FURS. Perkins & Hess quote as follows: | Fine washed \(\Partial \) \(\text{D 20@25 | Unwashed} \) \(\text{Coarse washed} \) \(\text{1.648} \) \(\text{Raisins, California Muscatels} \) \(\text{@2 30 and \$0.0000} \)

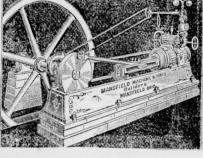
> JUDD & CO., JOBBERS of SADDLERY HARDWARE And Full Line Summer Goods. 102 CANAL STREET.

DESIGNERS AND Engravers on Wood. Fine Mechanical and Furniture Work, In-

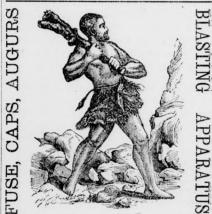
cluding Buildings, Etc., 49 Lyon St., Opposite Arcade, GRAND RAPIDS

PORTABLE AND STATIONARY

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



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



HERCULES

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.

L. S. HILL & CO., AGTS.

GUNS, AMMUNITION & FISHING TACKLE, GRAND RAPIDS, MICH.



40 and 42 South Division, St.

GRAND RAPIDS, - MICHIGAN.



Bardware.

Effects of Heat and Cold on Steel Tools.

There are steels and sfeels. Some of them act queerly. A planer man was much annoyed at the breaking of his cutting chisels every morning in the cold weather. He had become infatuated with a "high" steel that was worked at a low red heat and was not hardened by tempering, but was left to cool under the hammer. But his planer was near a basement wall on which the cold frost stood every cold morning during an "open" winter. Soon as he started a chip, away would go the point or edge of the tool. At last he put his thinking cap on, and procuring a small alcohol lamp from a glue pot, he swung it on the cross-head saddle so that the blaze came up by the side of the tool. This served to heat the tool so that it was almost painful to feel it. He had no more snap breakages. After the tool gard heat and was not hardened by tempering, but was left to cool under the had no more snap breakages. After the tool gard heat and was not hardened by tempering, but was left to cool under the hammer. But his planer was not hardened by tempering, but was left to cool under the hammer. But his planer was not hardened by tempering, but was left to cool under the hammer. But his planer was near a basement wall on which the cold frost stood every cold morning during an "open" winter. Soon as he started a chip, away would go the point or edge of the tool. At last he put his thinking cap on, and procuring a small alcohol lamp from a glue pot, he swung it on the cross-head saddle so that the blaze came up by the side of the tool. This served to heat the tool so that it was almost painful to feel it. He had no more snap breakages. After the tool gardened by the friction of its work. them act queerly. A planer man was much annoyed at the breaking of his cutting chis-

tool so that it was almost painful to feel it. He had no more snap breakages. After the tool got heated by the friction of its work, the lamp was turned off. Another machinest, working on threading taps, heats up the threading tool in the morning by grinding it on an emery wheel.

The Evils of a Speculative Market.

The evils of a speculative market for products are once more illustrated by the extraordinary and unreasonable advance in the price of tin, which recently mounted in the London market to £97 per ton, a higher price than has been touched at any other time for nearly two years. It is noticed that one firm has gained possession of 5,000 out of the 6,000 tons of Straits tin now in the London market. But that fact would not so affect the price if the market were in the London market. But that fact would not so affect the price if the market were not essentially a speculative one, and if peo-vancing so wildly. As respects these people there is no occasion for regret if they have to lose all they are worth, but the business becomes most injurious to the public because it affects important industries and the dealings of merchants engaged in legitimate business.

Hemacite Locks—Door.

Russell & Irwin Mfg. Co.'s new list... dis 66% Mallory, Wheelnr & Co.'s... dis 66% Norwalk's... dis 66% Norwalk' vancing so wildly. As respects these peo-

stress or load; hence, lineal speed with a constant stress or load does not greatly affect the durability of a belt. Lineal speed with a constant horse-power affects the durability of a belt by affecting the strain on belt and fastenings, increase of speed, diminishing the constant stress or load, so long as the horse power is kept down.

Experienced lumbernen have always held that timber cut in the spring was not durable for building purposes. Recent scientific investigations, it is stated, sustain this be-

investigations, it is stated, sustain this belief. It is known that the richer the wood is in sulphuric acid and potassium the more likely it is not to rot and mold. Wood cut in the spring contains eight times as much of the former and five times as much of the spring contains of the spring contai

without assistance, and knew that it was in complete order, but, when put on the road, the pump would not draw water, what would you do?"

"I should look into the tank and word do?"

"I should look into the tank and word do?"

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"I should look into the tank and word do?"

you do?" "I should look into the tank and ascertain if there was any water to draw,"	"B" Wood's patent planished, Nos. 24 to 27 9 Broken packs ½c 🌣 b extra. ROOFING PLATES.
WHOLESALE PRICE CURRENT.	ROOFING PLATES. 17. 14x20, choice Charcoal Terne. 5 75 1X, 14x20, choice Charcoal Terne. 7 75 1C, 20x28, choice Charcoal Terne. 12 00 1X, 20x28, choice Charcoal Terne. 16 90 ROPES. 16 90 ROPES. 17. 18. 18. 18. 19. 18.
Prevailing rates at Chicago are as follows:	Sisal, ½ ln. and larger
AUGERS AND BITS. Ives', old style	Steel and Irondis
Douglass' dis 60	Try and Bevels
Cook's dis40&10 Jennings', genuine dis 25 Jennings', imitation dis40&10 BALANCES.	Nos. 10 to 14 \$4 20 \$2 80 Nos. 15 to 17 4 20 2 80 Nos. 18 to 21 4 20 2 80
BALANCES. Spring BALANCES.	Nos. 10 to 14 \$4 20 \$2 80 Nos. 15 to 17 4 20 2 80 Nos. 18 to 21 4 20 2 80 Nos. 25 to 24 4 20 2 80 Nos. 25 to 26 4 4 40 3 00 No. 27 4 60 3 00 All sheets No. 18 and lighter over 30 inches
Spring dis 25 Railroad \$ 13 00 Garden net 33 00	No. 27
Garden	wide not less than 2-10 extra.
Hand BELLS. Hand dis \$ 60&10	In casks of 600 bs. \$\frac{1}{2}\$ b
Call dis 15 Gong dis 20	No. 1, Refined
Door, Sargentdis 55	No. 1, Refined
Carriage new listdis 75	Cards for Charcoals, \$6 75.
Plow dis 30&1(Sleigh Shoe dis 75 Cast Barrel Bolts dis 50 Wrought Barrel Bolts dis 55	1C, 10x14, Charcoal
	1C, 12x12, Charcoal 6 50 1X. 12x12, Charcoal 8 50
Cast Barrel, brass knobsdis 50 Cast Square Springdis 55 Cast Chain	IC, 14x20, Charcoal. 6 50 IX, 14x20, Charcoal. 8 50
Cast Sarret, brass knobs. dis 50 Cast Chain. dis 55 Cast Chain. dis 60 Wrought Barrel, brass knob dis 55&10 Wrought Square dis 55&10 Wrought Square dis 55&10 Wrought Square dis 55&10 Wrought Spraye and Distort Knobs.	IXX, 14x20, Charcoal 10 50 IXXX, 14x20, Charcool 12 50
Wrought Sunk Flushdis 30 Wrought Bronze and Plated Knob	IXX, 14x20, Charcoal 10 50 IXXX, 14x20, Charcool 12 50 IXXXX, 14x20, Charcool 14 50 IX, 20x28, Charcoal 18 00 IX, 20x28, Charcoal 6 50 DC, 100 Plate Charcoal 8 50 DX, 100 Plate Charcoal 8 50 DXX, 100 Plate Charcoal 10 50 DXXX, 100 Plate Charcoal 12 50 DXXX, 100 Plate Charcoal 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Wrought Bronze and Plated Knob Flush. 50&10&10 Ives' Door. dis 50&10	DX, 100 Plate Charcoal 8 50
Barber BRACES Backus dis \$ 40	DXXX, 100 Plate Charcoai
Backus dis 50 Spofford dis 50	rates.
Am. Balldis net	Steel, Game
BUCKETS. Well, plain \$ 4 00 Well, swivel 4 50	Oneida Community, Hawley & Norton's 60 Hotchkiss' 60
BUTTS, CAST. Cast Loose Pin, figured	Hotehkiss' 60 S. P. & W. Mfg. Co.'s 60 Mouse, choker 20c ¾ doz Mouse, delusion \$1 26 ⊉ doz
Cast Loose Pin Reglin bronzed die costo	Mouse, delusion\$1 26 \$\varphi\$ doz
Wrought Narrow, bright fast jointdis 50&10 Wrought Loose Pindis 60	Bright Market dis 60&10 Annealed Market dis 70
Cast Loose Joint, genuine bronzed dis 60&10 Wrought Narrow, bright fast joint.dis 50&10 Wrought Loose Pin, acorn tip. dis 60& 5 Wrought Loose Pin, japanned dis 60& 5 Wrought Loose Pin japanned dis 60& 5	WIRE. dis 60&10
Wrought Loose Pin, japanned, silver tippeddis 60& 5	Tinned Market
Wrought Inside Blinddis 60 Wrought Inside Blinddis 60	Tinned Market dis 40 Tinned Broom \$\pi\$ b 09 Tinned Mattress \$\pi\$ b 8½ Coppered Spring Steel dis 40@40&10 Tinned Spring Steel dis 37½ Dish Force 32.22
Blind, Clark's. dis 70&10	Tinned Spring Steel
Blind, Parker S	Plain Fence. P b 3½ Barbed Fence. new list net Brass. new list net
Wrought Loose Pin, japanned. dis 60& 5 Wrought Loose Pin, japanned, silver tipped. dis 60& 5 Wrought Table. dis 60 5 Wrought Inside Blind. dis 60 60 Wrought Brass. dis 76×10 65×10 Blind, Clark's. dis 70×10 70×10 Blind, Parker's. dis 70×10 70×10 Spring for Screen Doors 3x2.%, per gross 15 00 Spring for Screen Doors 3x3. per gross 18 00 CAPS. CAPS. 18 00	Bright
Ely's 1-10	WIRE GOODS. Bright dis 70&10
G. D	WIENCHES.
R.m Fire, U. M. C. & Winchester new list 50	Baxter's Adjustable, nickeled
Central Fire	Coe's Genuine
CHISELS.	MISCELLANEOUS.

TIN-WARE! FOSTER, STEVENS & CO

ARE HEADQUARTERS.

As the demand for low-priced TINWARE seems to be on the increase, we are gradually adding a full line to our stock, and will soon issue a Catalogue giving lower prices than has yet been quoted by any other dealers. We have now in stock some CASE TIN-WARE which is meeting with great success everywhere, and we think it is to the interest of all Hardware Dealers to try a case of each. The following are our specialties.

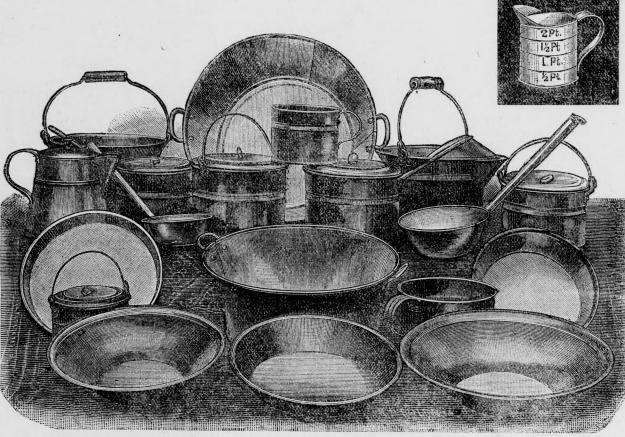
OUR LEADER.

318 Pieces of

Patent Bottom Fire-Proof Tin-Ware.

TO RETAIL AT 10 CENTS EACH

WILL ASTONISH YOUR CUSTOMERS & INCREASE YOUR SALES WONDERFULLY.



Read What the Case Contains:

18 5-quart Dish Kettles,

24 2-quart Coffee Pots,

6 1-gallon Strainer Buckets,

24 111/2 Wash Bowls, stamped.

24 6-cup Muffin Pans,

18 11/2-gallon Stamped Pans, 24 3-quart Dinner Buckets, 24 2-quart Dinner Buckets, 24 Graduating Measures, new style, 12 2-quart Drinking Cups, 24 No. 51 Dippers, Britannia Shape. 24 1-quart Dippers, stamped, 12 2-quart Oil Cans, screw top with bail, 6 2-quart Sauce Pans, iron handles.

318 Pieces for \$25.

Will retail if sold in regular way, \$45.90, giving you a net profit of \$20.90 on the case or \$6.18 clear at 10 cents each. Order

OUR NEW COUNTER.

500 Pieces

Fire-Proof Patent Bottom Tin-Ware.

RETAIL AT THE ASTONISHINGLY LOW PRICE OF 5 CENTS EACH And Civing You a Profit of 25 per cent.



12 8-quart Dish Pans, 36 Large Graters,

.dis

.dis50&10

Screws, new list....... Casters, Bed and Plate...

32 Gem Plates, 24 1-quart Tall Buckets, 24 2-quart Handled Pans, 24 8-inch Jelly, 24 pint Dippers.

36 10-inch Pie Plates, 36 Mugs, metal handles, 24 Stamped Wash Bowls,

24 1-quart Cups, R. H., 24 81/2 Covers, 2-quart pans, 36 4-cup Muffin Pans on sheet,

24 r-quart Sauce Pans, 12 1-quart Coffee Pots, 24 1-quart Stamped Sauce Pans, 36 1-Pint Stamped Cups, 24 2-quart Milk Pans, 24 3-pint Milk Pans,

Five Hundred Pieces of Our Patent Fire-Proof Tinware for \$20.

When sold at the remarkable low price of 5 cents, will pay 25 per cent. profit on the investment. Ifs old in the regular way, will bring \$41.80, leaving a net profit of \$21.80 on the investment. Try one case. Convince yourselves of the greatest bargain you pers are required to light it. The roof of

FOSTER, STEVENS & CO., GRAND RAPIDS, MICH.

AN ASSURED SUCCESS.

THE MICHIGAN MANUFACTURER has been accorded so hearty a reception at the hands of manufacturers all over the State that the publishers are able to announce that the journal is an assured success. Below are some of the comments made on its appearance by representative

Daily Eagle: THE MICHIGAN MANU-FACTURER is the title of a new monthly journal of sixteen pages, just started in this city, and of which the first (August) number is on our table. It is the venture of E. A. Stowe & Brother, who for some time have been publishing with good success the Michigan Tradesman. Its mechanical execution is excellent, its contents are equally so, and no neater paper is printed. Such a journal should receive paying patronage from the thousands of successions. from the thousands of enterprising mechanics and manufacturers in Michigan, and judging from its initial number, it must win

Daily *Democrat*: E. A. Stowe & Bro. have just published the initial number of their new journal, The Michigan Manufac-runer. The first number is all that could be desired in typographical appearance, and is made up of sixteen pages of matter highly interesting to those engaged in manufacturing enterprises. The paper looks as if it deserved success and would obtain it.

Daily Telegram: A new venture in journalism made its appearance in this city yesterday under the name of THE MICHIGAN MANUFACTURER. The new publication is A. Stowe & Bro., and will appear monthly. In point of typographical appearance it will be hard to beat in Michigan or anywhere else, and it appears to be filled with matter interesting and valuable, particularly to manufacturers.

Daily Times: The Michigan Manufacturer, a monthly journal published by E. A. Stowe, appeared for the first time yesterday. The paper reflects credit upon its proprietor.

its proprietor.

Muskegon News: The News has received The Michigan Nanufacturer, a new monthly publication issued by E. A. Stowe & Bro., of Grand Rapids, the publishers of the Michigan Tradesman. It is a very handsome journal and is ably edited. The Tradesman and Manufacturer are both first along publications. both first-class publications.

Saranae Local: The Michigan Man-UFACTURER, published at Grand Rapids, by E. A. Stowe & Bro., the initial number of which has just been received, is a model of typographical neatness and editorial make up.

Cadillac Times: E. A. Stowe, with his accustomed enterprise, has issued the first number of The Michigan Manufacturer at Grand Rapids. It is a neat monthly journal and deserves the success it is sure to obtain. We welcome it to our table.

Big Rapids Pioneer: We have before us the first number of The Michigan Man-UFACTURER, a sixteen page monthly published at Grand Rapids by E. A. Stowe & It seems devoted almost exclusively to the interests of manufacturers in our own and neighboring States. It is clean and handsome in make-up, the quality of the paper fine, and is furnished for \$1 per year.

Big Rapids Herald: E. A. Stowe & Bro., of the Grand Rapids Tradesman, have issued the first number of THE MICHIGAN MANUFACTURER—a really finely edited, printed and meritorious publication, which ought to prove a successful venture.

Whitehall Forum: THE MICHIGAN MANUFACTURER is the name of a new trade journal started at Grand Rapids by E. A. Stowe & Bro., of *The Tradesman*. It is a splendidly gotton up paper, something like the Scientific American, and we predict for it a future of success.

East Saginaw Herald: Mr. E. A. Stowe, of The Michigan Tradesman, Grand Rapids, has undertaken the publication of a monthly journal devoted especially to the interests of manufacturers. The first issue shows a handsome, well edited, sixteen page

Daily Leader: Mr. E. A. Stowe, of the Michigan Tradesman, has undertaken a new enterprise in connection with his original and very successful venture—the publication of a monthly journal devoted especially to the interests of the manufacturers. The first issue shows a handsome, well edited, sixteen page paper.

Detroit News: THE MICHIGAN MANU-FACTURER, a sixteen page, four column folio, elegantly printed and equally well edited, has made its first appearance at Grand Rapids. It contains a large quantity of information of interest to Michigan manufacturers and tradesman. E. A. Stowe is the

Muskegon Chronicle: The Michigan MANUFACTURER, a new publication issued at Grand Rapids by E. A. Stowe & Bro., has found its way to our table. It is a carefully edited and neatly appearing sheet.

Petoskey Democrat: Vol. 1, No. 1, of The MICHIGAN MANUFACTURER, published at Grand Rapids, with E. A. Stowe as editor, is on our table. It is a large sixteen page pam-phlet, devoted to the interests of manufacturers and others, and should receive the hearty support of the same.

Grand Haven Venture: Grand Rapids can boast of another publication, THE MICH-IGAN MANUFACTURER, which will no doubt prove of value to those interested in the manufacturing industries of this State. It is a sixteen page, four column periodical, is very neat in its typographical appearance, and presents some very solid and interest-

Marshall Statesman: We are in receipt the first number of THE MICHIGAN MANUFACTURER, a monthly published at Grand Rapids, dealing with practical topics of the day as well as more technical problems which confront the manufacturer. is a sixteen page four column periodical neatly printed and presenting a prepossessing appearance. Success.

Sparta Sentinel: The Sentinel is in receipt of the initial number of THE MICHIGAN MANUFACTURER, published at Grand Rapids by those enterprising publishers of *The Tradesman*, E. A. Stowe & Bro. The first number presents an exceedingly neat and well edited paper.

The Largest Room.

The largest room in the world, under one roof and unbroken by pillars, is at St. Petersburgh. It is 620 feet long by 150 in breadth. By daylight it is used for military displays, and a battalion can completely manœuver in it. Twenty thousand wax tathis structure is a single arch of iron, and it exhibits remarkable engineering skill in the

SOLIMAN SNOOKS.

Circus Day at the Corners-Cut on Firecrackers.

CANT HOOK CORNERS, July 3, 1885.

Mister Editer of Traidesman. DEAR SIR—During the past three weeks every barn about the Corners has been papered with the advertisements of a "Great Moral Show" that would appear at the Corners and astonish the natives. The dead walls were red and green and blue and yellow and black with pictures of wonderful animals. One animal in particular was the admiration of the entire population. It was evidently a good natured animal, at least it had the most open countenance I ever saw. He wore his mouth open for every day use and a body would judge from the picture of him that the hinges of his jaws must be located somewhere near the root of his tail. Then there was elephants dancing and boxing and standing on their heads, no end. And such beautiful wimmen. Great

Snakes! I never saw the like. They were dressed in the heighth of fashion (6,000 years ago) and had the toes of their pretty feet pointed toward all parts of the heavens as they went flying above the horses. And such nice-built ladies! Sakes alive, they was pretty! But when I went walking with the Widder last Sunday, we passed the pictures on the cant-hook foctory and I'm blessed if she didn't hold her parasol between me and them nice pictures, so I could not see any of 'em. Mr. Editor, wimmin folks don't seem to appreciate works of art as we men do, now, do they?

Then there was a picture of a procession about nine miles long, with fourteen brass bands, 29 elephants 2 steam calopops and hundreds of ladies and knights in armor. Oh, it was just gorgeous, and don't you forget it. Then such small bills.

They read as follows:

UMBUGG & FRODD'S

GREAT COLOSSAL

ACRICATION!

CIRCUS, MENAGRIE,

and HYPODROMEDIUMISTIC

CONGLOMERATION!! 17 MONSTER SHOWS IN

ONE TENT.

Come early and get a good chance

to see the

GRANDSTREETPAGENT.

This show will never visit your section again, as it must be soon shipped to England to perform before

HER MAJESTY

By Special Royal Request, COME ONE, COME ALL, BOTH GREAT AND SMALL,

You will never have another such a chance to study the wonders of natural history as set forth in our

GRAND, STUPENDOUS COLLECTION

of animals from all parts of the world.

THE ELAND, SEA LIONS. MONKEYS. MUSK OX, BABBOONS, GOO GOOCH. ELEPHANTS, STAG GAGS, GAY GAZELLS, XANTHORPS,

And many other animals too numerous to mention. Sunday School Superintendents attend our shop and bring their flocks. Admission, only 50 cents.

half price. Children,

This is the first thing of the kind that has ever struck our town, and I don't actually suppose that a boy or gal within five miles of the Corners slept a wink the night before. Saturday morning opened smiling and serene. The sun was on hand as he always is, according to advertised time. The large vacant lot north-east of the meat market gave no indication of the busy scene so soon to transform its more than Sabath stillness. The streets were still as death. The hogs and sheep and cattle and other domestic fowls reclined at ease in the grassy streets. Nothing disturbed the holy calm. No, nothing. Not a pig stired, not a horse stired, not a cow stired, nor even as much as a goose stired, to mar the peaseful landscape. But as by magic, all is changed:

Farmer Brown drives into town. With wife and children nine, His hired man and Sally Ann, And all dressed up so fine.

Here comes Farmer Jobson's rig And a half a dozen others, Samuel Stone's and Jacob Jones, And Jones' married brothers.

Soon such noise, of men and boys, Is heard on every side, Men run about and boys do shout,

As into town they ride.

In half an hour after the first rig arrived Damlongue street and Furlong street, also, was lined on both sides with teams as thick as they could be hitched to fences, hitchen posts, shade trees, stumps, etc., and about twenty-five wagon loads of men, wimmen and children drove into the woods back of store. Enquire of the village cooler where they could bate their teams and eat their lunch at noon.

they come! Here they come!" and all the small boys rushed down the street past the saw mill bridge to meet them. Up to this point, this "Grand agrigation" was as fine a show as I ever saw-in fact, their advertisements could not be beat; but I must confess that when the show fairly arrived it was slightually disappointing.

The Widder and I and Algeron and Bill with a few more of the elect of the village, had chairs on my front steps under my awning, by the side of our little lemonade stand where we could get a good view of the "Grand Glittering Parade"—that is, if the said g. g. p. had come off, but I'm durned if it was not the sickest turn out I ever struck yet. It was headed by a band wagon, that had been gilded once, but it must have been before the war, drawn by six of the worst knock-kneed, poor, raw-boned, poleeviled, sweenied, ring-boned and spavined old hosses as I ever saw. The six performers that made up the band made very fair music as far as it went, but we sadly missed all them other gorgeous bands that was ex-

And where was all that immense string of animals? Echo answers in indignant tones, "where?" and the answer has not arrived up to date. So help me grashus, the entire caboodle of menagarie consisted of one little ragged, bob-tailed pony and a tame coon and the coon was in a side show (10 cents extra) at that.

The "mile and a half of glitter and glair" turned out to be thirteen old dilapidated wagons full of tent poles, canvass, etc. The company looked as if they had been showing to empty houses and had taken the profits for pay. They was a hard looking lot, and as soon as we saw them, we put our chickens up in the chamber and took in the clothes lines. We all made up our minds to take in the show anyhow, even if the outside of it was so unpromising, so in the evening I took Sister Spriggs, Algeron took Kate Hancock (he is mashed on her) and we went. The horse-back riding was pretty fair, but I could not help but notice that the lady that rode around the ring and jumped threw the hoops, did not posess the seductive form that her picture on the outside did. In fact, she was pretty thin and I told Sister Spriggs so. She hit me a whack with her fan on the end of my nose and said I "ought not to look at the wimmin." While the clown was cracking some old bald-headed jokes, that tickled the audience immensly, we heard a row at the door and then a feller in an old army coat came staggering 3 RINGS!! 3 CLOWNS!! in. He went along in front to try and find a seat and then as he leaned back to get a better view of the top row, he lost his balance and fell head over heels into the ring. Several ladies screamed, for a horse nearly Two miles of good solid glitter, enlivened stepped on him, and I and Constable Dagby the blair of trumpets and the rip-snort- gett ran down into the ring to take the ing, blood curdling music of dozens of brass chap out. We got hold of himand was just going to rush him out when the ring master

"Let me talk to him a moment. The poor fellow is drunk."

Then he turned to the man and said: 'Who are you and what do you want?"

"My name is (hic) Rogers, ole man, and I live a mile east of (hic) Grumbleton. I uster be (hic) in the circus biz (hic), ole feller, and I want to hire out to (hic) you."

"Why, man, you are no good. You can't ride, can you?"

"I should (hic) smile. You just (hic) try me, ole feller."

We tried to prevent it, but the clown wanted to have some fun, he said, so one of the horses was brought out and the feler scrambled on. Away went the horse and the man tumbled off first on one side and then on tother, but he kept catchin on by the horse's mane and tail until he kicked his big boots off. Then he stood up and took off his coat and vest. He make it go pretty good then, and he was just a whooping around the ring amid the greatest excitement, when his suspenders broke. He tried to hold up his pants but they got away and as the horse gave an extra big jump, the chap's hickory shirt flew one way and his pants the other, in a shocking manner. Sister Spriggs fainted plum away at the harrowin sight, Kate Hancock blushed, Algeron grinned and I tumbled to the little racket, which I had not seen done before in so many years that I had clean forgot all about it. I felt pretty cheap, you bet, and so did the constable, when we saw the gay-spangled circus rider that our old tramp turned into. It is rather a strange thing, Mr. Editor, but as old as that gag is, it never fails to make a ten strike, especially in a small city like the Corners. Take it all in all, it was a big day for this

place, even if the circus was pretty thin. Bilson and I are running on fire-crackers now. He cut down from 5 cents to 4. I cut them to 7 bunches for a quarter. He cut yesterday to 3 for 10 cents. To-day I sell at three cents a bunch and give a chromo with each. They cost me \$1.23 per box laid down here and a box contains 40 packs, so the profits are not so allfired good as a feller could wish, but then, "it is worth something to do the bizness," as the darky said when he took a job of sawing wood at 45

Yours circusically, SOLIMAN SNOOKS, G. D., J. P. and P. M.

R. W. BUTTERFIELD,

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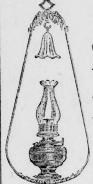
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No charge for boxes.

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$\frac{1}{2}$	Pin	t Tin Top Jellies, per	box	x of 6 doz.	\$2.50
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		names of all Fruit	s, pe	er box of 6 doz.	3.75
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