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Grocers and Bakers who wish to try 'FERMENTUM" can get samples and full directions by addressing or applying to the glass, which was immediately refilled. Half

A DISASTROUS PARTNERSHIP.

BY HJALMAR H. BOYENSEN.

Mrs. Moe's tanner had in the meanwhile entertained her with a didactic discourse on the education of children. Education, as he believed, was his forte, in spite of the fact that one of his daughters had run away with a barkeeper.

"Spare the rod, spoil the child, that is my notion," he observed sententiously. "Whip, it." whip, whip-that is the good old Norwegian way. I was whipped myself until I when I was a boy, and I shouldn't have it is a peculiarity of Norsemen, as it was of been the man I am if I hadn't been whipped. Mp father, ma'am, he didn't spare the and so am I. My children, ma'am, they have been raised on the same fare, and I have irritated them, and his wife's cool demeanor had joy of them."

A rotund matron vis-a-vis, who had listenremarked, quite audibly, that tanner Christianson was a frugal man whom it took little to satisfy; whereupon Tanner Christianclaret, and confined his attention to the roast chicken. James, in the meanwhile, was being cross-

how much his watch cost, etc., and they interjected the title "Snedker" (cabinet-maker) between every fifth or sixth word they into his eyes. uttered, probably because they divined that he did not relish it.

"Then your father was not a cabinetmaker," the husband remarked, "and it was a kind of come-down in the world for you to take up a trade; isn't that it?"

"An honest trade is not a come-down for any man, Grocer Tullerup," answered Moe. "Ah no! what a true word you uttered there!" the wife exclaimed.

"But since you have married such a highoned American wife, Mr. Cabinet-maker ed the skipper opposite. Moe, you, of course, prefer to keep aloof from your rude countrymen, and from us plain folks in general."

"But that is indeed so perfectly natural," ejaculated Mrs. Tullerup. "Birds of a feather flock together."

"But birds of no feather, Mr. Cabinetmaker Moe," said Tullerup, laying down his knife and fork impressively, "have to flock all alone."

"But, my dear Tullerup, how can they do that?" asked his wife.

end have anything to do with them."

"That is true, Mr. Grocer Tullerup," of his annoyance, "although fishes with feathers, you will admit, are a novelty."

"I did not say, Cabinet-maker Moe, that fishes had feathers. I said they had no particular feathers." "Which is perfectly true, Cabinet-maker posed and is compelled to withdraw."

in, anxious to aid Moe," his wife chimed him.

By the time the first two dishes were dispatched, the guests began to grow thirsty, and a steady popping of corks accompanied that of Mrs. Moe, to thank our host and the conversation. Two jolly fellows, a doc- hostess for a very delightful evening." tor and a retired ship captain, who were sitting opposite to Moe, were having a trelaughed until they nearly rolled off their about in quick surprise. He stared for a fell upon his knees. The scene which sur-

not Jonas Hansen."

feather. "That superfine rascal, he thinks he has done a fine thing in turning his back doors were slammed, and all was confusion. on his own people and marrying an Ameri- Mrs. Moe, kneeling at her husband's side, can shop-girl. You may call me Jack if I stared with terrified eyes into his countehaven't had dozens of them so madly gone nance. He was pale, terribly pale. A slenon me that I could have whistled them after der stream of blood was trickling down over me like a leash of hounds through the his neck and shirt-collar. "Send for a doc-

The skipper could easily match this boast | man." with another of a still more piquant nature; the doctor, who could not bear to be outbid taller story; and the two friends grew vocif- man." erous, and would probably within another moment have pulled each other's hair if Moe had not opportunely offered himself as peacemaker. That reminded them of their joke, which they had lost sight of, and their wrath subsided.

"Here is to your health, Cabinet-maker clinking it against that of Moe.

"Thanks," replied Moe, and took a sip of sherry.

skulking."

Moe, to avoid difficulties, emptied his numbed them.

champagne—and the insidious Swedish over the prostrate man. He fumbled for a punch were served; enough to bring the harmoment with his wrist, listened to his heart on his knees at the bedside. diest toper under the table. Everybody beat, and then got up with difficulty. Berlifted his glass to drink with Moe and his wife, and everybody insisted that they should staring vacantly before him, followed his reverse their glasses after drinking.

"Now, if he had taken a good Norse wife," said the skipper, sotto voce, to the arose. "I wouldn't wait for the police, if I doctor, "she would see him home to-night, were you," said the doctor, and sauntered that." put him bed, and make no more ado about

The majority of the male portion of the company were now in their cups, and their was black and blue twice a week regularly, conversation grew noisy and quarelsome; for wife walked up to him, on tiptoe, and whistheir Viking ancestors, that intoxication powerfully stimulates their self-esteem, and harness, I tell yer. He was a sensible man, makes them ache to defy creation. Moe's jaunty clothes and undemocratic manners intensified the feeling. If they could only gei him under the table they might, perhaps, ed to this discourse with visible amusement, have contented themselves without infleting bodily harm; but Moe was shrewd enough to suspect a conspiracy to fuddle him, and he was gradually deciminating the ranks of son looked apoplectic, emptied a glass of his foes without showing the least unsteadiness. Little Grocer Tullerup, who had got so immensely elated at being initiated into the plot, had been forced to retire from the examined as to his marriage, his income and battlefield; and several good men and true his antecedents, by a little shriveled-up had seen fit to follow his example. The Danish grocer and his wife, who seemed host still kept his post but he was red and charmingly harmonious in their desire to sullen, and dangerous to look at. His wife, make themseves disagreeable. They in- who had been made uncomfortable during quired whether his watch chain was real, the entire evening by Mrs. Moe's splendor, occasionally come and whispered to him, and every time there came a wilder gleam

"Why don't yer drink?" he growled at Moe, in Norwegian. "Why do yer sit and snuff at your liquor like a new-born calf? Perhaps yer don't think it is good enough."

"My dear Bergerson," nis partner responded, "your liquor is excellent; but you must see that if I drained my glass every time I am toasted, I should by this time be under the table."

'Many an honest man has been there before you, Mr. Cabinet-maker Moe," observ-

"I don't doubt it, Skipper Thommesen, said Moe, laughing; "but not all that honest men do is worthy of imitation."

"Still less what knaves do!" exclaimed the doctor, setting down his glass so violently that it broke; "and the man who sniffs at good liquor is a knave." "A true word you said there, doctor,"

Mrs. Bergerson remarked, with a vicious flash in her eyes; "but from folks as goes back on their country, what can a body expect?" This latter remark, which was made in

perfectly the situation; and, without betray-James responded, inclined to laugh in spite ing within her, she arose with stately composure, and begged her husband to accompany her.

"I hope you will excuse us ladies and gentlemen," said Moe; lifting his glass politely to the company; "my wife feels indis-

Then, turning to Mr. and Mrs. Bergerson, with the elaborote manner which to them seemed so odious, he continued:

"Permit me also, in my own behalf and

"That is a lie!" shouted Bergerson, in a sudden white rage.

Moe, who had risen to retire, turned moment at Bergerson, with an angry im- rounded him—the strange, soft stillness, "That is a first rate notion of yours, doc- perious glance. Bergerson scowled uneasily tor," said the ship captain slapping his leg and fidgeted on his chair. But the instant in glee; "we'll have him under the table, the glance was averted, he picked up a botthe confounded high-flier, or my name is tle, and hurled it with furious force at his partner's head. Moe dropped as if he had "'Sdeath and pain! how we'll make him been shot, at his wife's feet. The guests squirm!" chimed in the doctor, in high jumped up, chairs were everthrown, decanters and glasses crashed against the floor, tor," she cried suddenly, "and a police-

> No one stirred. "Run for for a doctor," she repeated, with

in that line, was instantly ready with a still a wild penetrating voice, "and a police-A strange, expectant calm had fallen up-

on the noisy assembly. Some shuffled about as if to bestir themselves, and looked uneasily toward their host. "You cowardly, murderous crew!" scream-

ed Mrs. Moe, starting forward, as if she would have liked to tear them to pieces. Moe," said the doctor, lifting his glass and But the table was between her and her nearest foe. That recalled her to her senses. She paused for a moment, then turned abruptly about, and rushed out into the hall. The "Ho! ho!" shouted the skipper," "is that outer door, too, was torn open, and the icy the way you honor your host? Sip at his air from without rolled in like great steamwine, as if it were ink! Come, come, sir, ing billows. A shuddering chill crept over drain your glass like a Norseman. No the company; but no one rose to shut the aghast at Bergerson. door. It was as if a paralyzing fear had be-

The doctor was the first to stir. He walk-

gerson, who was still sitting at the table, motions mechanically. As he met the doctor's eye he gave a start, and hesitatingly out into the hall.

Bergerson sank slowly down upon the chair, seized his curl and began to twist it. After a pause, which seemed endless, his pered in his ear.

"No," he screamed hoarsely, "I will not

Darting up he seized her by the wrist with an iron clutch, and dragged her across the floor to where Moe was lying.

"Look there!" he yelled, with a terrible husky laugh; "look what you have done! We were friends till you came. He made me what I am, and I knew it. But your hate spoiled your sleep and mine; and this is what came of it."

James Moe did not die, though he hovered long between life and death. He was unconscious much of the time, and sometimes delirious. Splendid business schemes floated through his head, and he raved about a newspaper he meant to found, which was to pave his way to the mayoralty of the city. At times he made a sort of triumphal entry into his native town in Norway, and made speeches to deputations which met him with music and banners at the steamboat landing. It was therefore a surprise to his wife when, in his first lucid moment, he turned to her and asked:

"Where is Begerson?"

"He is in jail," she answered. "Who made complaint against him?"

"Then go at once and withdraw it." "You are out of your head, James," she

cried; "you certainly do not mean that." "Yes, I do mean it," he said. "If you want me to get well, go at once."

She was too weary with anxious watching to offer resistance. She only clasped her hands with a sigh, and walked slowlyvery slowly-toward the door.

In an hour she returned. She was just kneeling at his bed enjoining silence and rest, when the door was noiselessly opened comparatively low speeds, the armature of and Bergerson entered. He had left his the dynamo running at the rate of 123 revboots outside, and, as a mark of respect, walked in his stocking feet. He looked power. Under these conditions the speed and the warm luxurious tints of walls and out at its driving shaft was 22.10, or about confused, that birds—of no particular feath- English for Mrs. Moe's benefit, reached its ceiling. With his cap in his hand he stood destination. In spite of the mingling of awkwardly shifting his weight from one words, the total loss in the transmission of neither the fowls nor the fishes will in the foreign and native speech, she understood foot to the other, not knowing how to call attention to his presence. So he dropped five miles, was less than one-half. ing even by a blush the storm that was ragfor fear it should damage the carpet, and the generator was increased with better rewalked with slow and hesitating steps toself, possibly from weakness, or because it work, or nearly 58 per cent. somehow made him very precious to herhad revealed to her how much she loved periments appear quite remarkable. The him. She felt ashamed of all her ambitious energy of the coal consumed in generating

> heart was set upon. Bergerson had now reached the foot of the bed. There, he scarcely knew why, he mechanical motion at the receiving motor. the luxurious warmth and comfort, the wife's silent grief, and her husband's death- M. Deprez proposes to follow up his experilike pallor-wrought powerfully upon him. He had never wept in his life, that he could ture, in which the generating and receiving remember; and yet a sudden moisture dimmed his eyes, as he saw the two beautiful termini of the line. heads so close together upon the same pillow, and the two clasped hands upon the cover lid. It began to become clear to him what he had done. His rash act, and all the bitter envy, resentment and hate which power." A foot pound is the energy rehad prompted it, rose up in all their ugliness before him. He shuddered. A dull, bur- ute, or the work developed by the descent rowing pain nestled in his breast. His of one pound one foot in a minute. Watt breathing grew heavy and oppressive. And yet, though the feeling of his own guilt was steam engine—ascertained by a series of exuppermost, the thought flashed through his periments that a powerful horse, working brain that Moe, in allying himself to the ten hours per day, could exert a force suffinew civilization and the new land, had been cient to raise 33,000 pounds one foot per wiser than he, and had reaped his reward. He could not imagine his own wife tenderly of his engines, he therefore designated as solicitous for his welfare: he could not imagine himself and her amid surroundings ing continuously a force of 33,000 foot like these; they were of the old world, groveling and unaspiring. Moe had assimilated himself to the new world, and plunged into world, and his horse power has become the the rushing current that bore mankind onward.

Truls was still dimly struggling with He did not seem surprised to see his part-

James. "I wish to speak with him."

a dozen other wines—Burgundy, Tokay, ed unsteadily agross the floor and stooped son, with eyes still full of distrust, to step alent to 1,000 foot pounds.

nearer to the bed. He arose, but fell again

"I am going away, Jens," he said huski-"I came to bid you good-by."

"Where are you going, Truls?" "Back to Norway."

"But the factory, Truls? There is a fortune in it. You don't want to go way from

"Yes; I want to go away from everything."

"But I won't let you, unless you take with you what is yours." "At home I shouldn't know what to do

with it." "You would be a rich man."

"Mayhap. I am the kind that had better

stav poor. Moe was about to protest more strenuously, but his wife beckoned Bergerson to withdraw.

"Good-by, Jens," he said, with a breaking voice. Don't think hard of me when I am gone.'

Before the sick man could answer, Bergerson was out of the door.

After his recovery Moe made extensive inquiries both in Europe and America, but he has never been able to discover Bergerson's whereabouts. In the meanwhile he has placed a large sum, representing the half interest in the business, to his partner's credit, and hopes that some day either he or his heirs may come and claim it.

The Moes in the meanwhile are well launched on the road to fortune and honor.

Transmission of Power. From the Michigan Manufactuser.

Some interesting experiments on the electrical transmission of power have been made recently by M. Marcel Deprez, at Creil, Switzerland. Although the dynamo machine used to generate the electrical current, and the motor which converted the electrical energy into mechanical power, were placed side by side in the experiments the only connection between them was through a circuit seventy miles in length, or twice the distance from Creil to LaChapelle. As every electrical current must have a return wire, or other conductor, it will be understood that in the experiments of M. Deprez the actual transmission of power was over a geographical distance of thirty-five miles. The first series of experiments were with olutions per minute and absorbing 43 horse about shyly in the large, stately room, at the of the receiving motor was 154 revolutions rich, subdued carpet, the great carved bed, per minute, and the available work given 51.3 per cent. of the initial energy. In other power over a wire to a distance of thirty-

In subsequent experiments, the speed of sults. The generating machine was given a ward the bed. Mrs. Moe had buried her speed of 190 turns per minute, absorbing 62 face in the pillow, and only a glimpse of horse power. With this increased current her neck and great dark coils of her hair the speed of the motor was raised to 248 were visible. She was crying softly to her- revolutions, giving out 35.8 horse power of seemed good to weep. James' illness had When the many factors of loss are taken into account, the results of M. Deprez' ex-

plottings. If she could but keep him, she the initial power underwent five transformawould cheerfully renounce all else that her tions—first into heat; then into steam, then into mechanical motion, then into electrical energy, and was finally re-converted into The above results, of course, do not include the unavoidable waste between the furnace and the driving shaft of the steam engine. ments with other of a more exhaustive namachines will be placed respectively at the

> Many persons-and sometimes good mechanics-have only an imperfect understanding of the terms "foot pound" and "horse quired to raise one pound one foot in a min--who has been called the father of the minute. In computing the motor capacity horse power, that which is capable of exert pounds. The conclusions of Watt have beer universally accepted in the mechanical standard of measuring the capacity of all prime movers.

It has been ascertained by experiment these thoughts when Moe opened his eyes. that a healthy man of average strength is capable of exerting a force of from 8,000 to ner, but held out his hand to him, and beck- to 11,000 foot pounds, or nearly one-third of oned him nearer. Antoinette, aroused by a horse power. The tests by which these the motion, raised her head and stared conclusions were reached covered only short periods of exertion. It is extremely doubt-"Let him come near to me," whispered ful whether any person not a professional athlete or a phenomenally powerful man, She rose hesitatingly, and invited Berger- could sustain a continuous exertion equiv-

The Michigan Tradesman.

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

E. A. STOWE, Editor.

Terms \$1 a year in advance, postage paid.

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WEDNESDAY, JANUARY 20, 1885.

Merchants and Manufacturers' Exchange.

Organized at Grand Rapids October 8, 1884.

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

Traverse City Business Men's Association. President, Frank Hamilton; Secretary, C. T. Lockwood; Treasurer, J. T. Beadle.

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

rise in wages, which is increasing the diffi- at the old stand. culties of the manufacturers to keep afloat until the tide of revival really reaches them. In New England the peaceful termination of the strike of the lasters against shoe manufacturers at Brocton is likely to be followed by similar strikes by men in other branches of the business. On the other hand the great strike of the coal-miners in the Monongahela valley, begun the day before Mr. Cleveland's inauguration, has now ended in the carving machines to Grant & Son, Johnson entire surrender of the workmen, who go to City, Tenn.; Titusville Bedstead Co., Tituswork on the terms awarded by the arbitra- ville, Pa.; Quakertown Manufacturing Co., tors before the strike began. Their prolong- Quakertown, Pa.; Loring Organ Co., Wored refusal to abide by arbitration naturally chester, Mass., and Walton & Malcom, robs the miners of the sympathy of all who Skincardine, Ont. hope for some peaceful method of settling the issues between capital and labor. But the strike itself was in a high degree unwise. The application of natural gas to the working of iron and cooking of food has inflicted very serious blows on the coal trade both thorough hustlers, and will undoubtedly of Western Pennsylvania, and the manufactures could not pay the wages they were asked to give. The decision of the arbitrators was just, and the rejection of it by the workmen was unjustifiable.

There seems to be a new awakening of interest in co-operation in this country. The successful introduction of co-operative manufacture in barrel-making at Minneapolis has helped to this, and other attempts at cooperative production or distribution are very of Olney, Shields & Co.-"Co." nominaltimes, and of the failure of the laboring sale grocery business. It is reported that classes to derive any commensurate benefit the new firm has rented the double store on from the great cheapness of commodities, North Ionia street formerly occupied by through the middle-man absorbing more Hawkins & Perry. Both partners have gone than a just reward for his services. The farmer gets less than he did six years ago lations with the large houses of New York al dealers, who were recently burned out, besides other improvements. for his wheat, and yet the artisan knows and Boston. that he has to pay just as much for bread, at a time when he can least afford it. It is true that everywhere the deposits in the savings banks show an increase in both the amount of deposits and number of depositors. There is, therefore, good reason to hope that the working classes are not falling behind. Yet the pressure of outlay upon income in the case of the workingman's setting aside all who are making excessive profits out of his diminished wages, and going more directly to the producers of whatever he wants.

The annexation, or rather the partition, of Burmah is complete. To secure the good will of China the upper part of the kingdom has been ceded to that empire, with the result of advancing the Chinese frontier still closer to Calcutta. That this whole proceeding is a whit better than the partition of Poland a century ago is hard to see. A half-civilized nation has just as much right to its own existence and its autonomy as has a three-quarters civilized nation. Its partition among more powerful neighbors is as much the murder of a nation as the hewing of his body to pieces is the murder of a man The English seem to feel that they need some apology for their act, and they telegraph with anxious care that their troops were welcomed by the trading classes. As many of these are Chinese, there is no doubt in the grocery business at Kalamazoo. that English rule is welcome to them just as the English conquest of New York would be received with rapture by at least one-third of its wholesale merchants. Better evidence than this is needed to prove that the Burmese like the new rule any better than do the Hindoos, to whom it is not new, but is justly and intensely hateful.

The apple season has not been a favorable one for buyers, all things considered. A gage leading South Water street firm has 10,000 barrels in warehouse, and the necessary sorting incident to so large a quantity re- itors. quires the constant effort of a gang of men. The fruit is not keeping nearly so well as rand in the boot and shoe business at Port last year. A leading authority on the sub- Huron. ject asserts that there are enough apples stored in the North and Northwest to last Son in the boot and shoe business at East the country for a straight year.

than at the same date in the last eight years, mortgage on his stock. which is favorable to higher prices in the with a heavy make of cheese from hay-fed plement business at Vernon. milk. The loss such a course entails on the summer and fall cheese is more than the hay-cheese is worth.

AMONG THE TRADE.

IN THE CITY.

Emens & Hill have engaged in general trade at Emens' Siding. Arthur Meigs & Co. furnished the grocery stock.

Perkins & Co. sold forty shingle machines last year, and have received orders for seventeen machines so far this year.

It is reported that H. Herrendeen will remove his hardware stock from Kent City to Grand Rapids, locating on South Division

F. Goodman & Co., general dealers at Burnip's Corners, have put in a line of crockery. H. Leonard & Sons furnished

Kemp & Co., flour and feed dealers on Pearl street, have dissolved, A. B. Knowlson retiring. The business will be continued by Mr. Kemp.

The Belknap Wagon & Sleigh Co. Thas added a line of blacksmiths' iron and supplies, which is jobbed in connection with the manufacturing business.

Shields, Bulkley & Lemon have dissolved, The hyper-roseate accounts of the revival Messrs. Bulkley and Lemon purchasing the of business which the newspapers have been interest of the retiring partner. The new publishing seem to have awakened in the firm name has not been determined upon, working classes expectations of a speedy but the succeeding partners will continue

> A. Dodds has lately shipped patent carvers to Columbus Cabinet Co., Columbus, Ohio; Indiana Furniture Co., Connorsville, Ind., and Decatur Furniture Co., Decatur, Ills. He has also sold one of his swinging saws to the Fondu Lac Furniture Co., Fondu Lac, Wis.

C. O. & A. D. Porter have recently sold

Jas. Fox and L. C. Bradford have formed a copartnership under the firm name of Fox & Bradford, and will engage in the jobbing of tobaccos and cigars at same location yet to be determined. "Jim" and "Cass" are secure their share of the trade.

It is the Carbonatine—not Combination— Hard Finish Co., which has recently embarked in business at 1 North Ionia street. "Carbonatine" is a compound which offers superior advantages as a "putty coat," a wall finish or a wood filler, and will undoubtedly meet with a large sale.

Chas. E. Olney and John G. Shields have formed a copartnership under the firm name widely noticed. This is an outcome of hard- for the purpose of engaging in the whole-East to buy goods and establish business re-

> The announcement that Messrs. Fox and grocery firm of Fox, Musselman & Loveridge was not wholly unexpected, but the subsequent announcement that Wm. Wid-Amos. S. Musselman for the purpose of con- Florida for his health. tinuing the business created a genuine sencially, and under the guidance of Mr. Musselman the house will undoubtedly continue to prosper.

AROUND THE STATE.

Jacob Sturr, grocer at Dowagiac, has sold

A. A. Coon, general dealer at East Jordan, has failed.

A. S. Martin, grocer at Ithaca, has removed to Port Huron.

J. W. Weeks succeeds M. Johnson in the grocery business at Horton.

G. E. Hoyt, clothing merchant at Mason, is succeeded by Hoyt & Bates.

Edward Cronin, general dealer at Ishpeming, has been closed on attachment.

M. W. Mills has sold his hardware stock

at Otsego to his brother H. D. Mills. Dunning & Bilsborrow succeed J. W. Free

in the hardware business at Paw Paw. C. C. Crosby & Co. succeed C. H. Ashby

Jones & Palmer succeed Jones & Taylor in the hardware business at Marcellus.

W. J. K. Martin, dry goods dealer at Greenville, has removed to Port Huron.

Birney & Wisner succeed Simoneau &

Wisner in the drug business at Saginaw. Geo. C. Heuston succeeds Hungerford & Heuston in the drug business at Northville.

A. P. Downer, druggist and grocer at

Oakley, has been elosed under chattel mort-G. M. White & Co., general and feed dealers at Coldwater, have been closed by ered-

Henry S. Ballentine succeeds J. B. Far

Jas. A. Adams succeeds J. F. Adams & J. H. Parker. Saginaw.

There is less surplus cheese in store now dealer, has recently discharged the chattel John R. Barcus under the same firm name.

A. F. Wescott succeeds Wescott & Ranspring, providing the market is not clogged dolph in the hardware and agricultural im- day on his way to Northern Michigan,

Frank Achard succeeds Hutchinson & for supplies of dowell pins. Taggart in the hardware and agricultural implement business at Alma.

CODY, BALL & CO.,







The Oldest and West Reliable FSAIH

Walker & Anderson, at Saranac.

Dibble Bros., the Burnip's Corners genercontemplate rebuilding with brick.

\$20,000.

Shattuck & Davis, grocers at Montague, are succeeded by S. D. Shattuck. Wilber the pockets of our farmers. dicomb had formed a copartnership with G. Davis, the retiring partner, will go to

gives the new firm a strong backing finan- Grand Haven. The business will be con- essary to retrieve their losses, and will only tinued by Geo. W. Miller.

Babcock, Smith & Co., grocers, coal, lime and soon make up the deficit. and plaster dealers at Ionia, have dissolved, Bates & Hall succeeding. The new firm consists of Philo T. Bates and Ben. B.

Chas. Supe, the Bay City wholesale grocer, has assigned. Simultaneous with the assignment he executed a trust deed for \$25,000 in order to secure all his creditors as

far as possible. J. J. Wright, the Chippewa Lake grocer, has absconded, in consequence of discoveries that he overcharged on freight bills which passed through his hands as agent. Mrs. Wright will continue the grocery business.

Fred Buckland, a druggist, at one time a resident of Ludington, was recklessly handling a revolver at his home in Buffalo county, Dakota, on Christmas, when the weapon was discharged, the bullet passing

through the victim's heart. O. A. House the Mendon grocer, doted on skating rinks. The amusement and exercise were just what he needed. He attended strictly to the business, and allowed his store to sort o' run itself. Mr. House thoughtfully made an assignment last week, and it is estimated that he will be able to pay about 25 per cent. of his \$3,000 indebt-

MANUFACTURING MATTERS.

edness.

Comstock & Bro., manufacturers of chairs, sash and blinds at Adrian, have removed to Oshkosh, Wis.

Miles & Adams have put in a saw mill at Clarion. The entire outfit was of Chandler & Taylor make and was ordered through

Barcus Bros., saw makers at Muskegon, have dissolved, W. W. Barcus retiring. The H. C. Peckham, the Freeport general business will be continued by O. P. and from Fenton to Alma Sept. 1, 1886. It is

Chas. J. Robinson, Secretary of the Dowell Manufacturing Co., was in town Saturwhere he will endeavor to secure contracts

sold the North Shore Lumber Co.'s mill at & Thorson, having a paid-up capital of as last year.

J. M. Walker has purchased the interest South Manistique to Robert Perry of Sault of J. P. Anderson in hardware business of Ste. Marie, L. A. Hart, of New York, and A. A. Buell, of Buffalo. They will erect at South Manistique a planing mill, lath mill,

Fremont Indicator: W. J. Kinne, of John A. Taleen, general dealer at Ish- Muskegon, has arranged to locate a nail keg peming, has made an assignment to John factory here, using Pumfrey & Koyl's mill Loveridge had retired from the wholesale W. Joehim. Liabilities, \$60,000; assets, for this purpose. L. V. Davis is the timberfurnisher for this enterprise, and will be the means of putting a good deal of money in

Clark & Co.'s carriage factory at Lansing, which was burned on the 10th, will be re-John Stark has retired from the firm of built immediately. The proprietors, though put a little more energy into their business

STRAY FACTS. Goostrey & DeWolf, undertakers at Vicks

burg, have failed. O. S. Tourgee, of Buchanan, will build a creamery in that city.

A South Haven man pays \$13 dog tax and \$2.50 tax on real estate. Wm. Webb succeeds G. W. Imus in the

saloon business at Ludington. Stewart Bros. have moved their billiard business from Big Rapids to Ionia.

W. J. Mamer succeeds W. J. Mamer & Co. in the fish business at Detroit.

Cooley C. Green succeeds Green & Lak in the furniture business at St. Louis. Thomas Cowherd succeeds Cowherd &

Bittell in the tinner business at Jackson. Nicholas Haas succeeds Weston & Haas

in the plumbing business at East Saginaw. Dimondale will pay a liberal bonus to the man who will erect a pulp mill in that vil-

J. Lucas, the Manistee furniture dealer, was in town last week, purchasing his spring stock.

23 tons of butter last season. The patrons of the institution number 142. The firm of Howell & Marsh, the painters

establishment at Battle Creek, is dissolved and succeeded by Marsh & Link.

A company with \$2,000,000 capital has nace, at Marquette, and will put it in blast to Mr. Peters. shortly.

The business men of Alma have formed an improvement association and raised \$23,-000 to be expended in buildings for the use of the Eastern Michigan normal school and commercial college, which will be removed expected the institution will materially add to the population and prosperity of Alma.

R. G. Peters, who bought W. R. Remington's interest in the Stronach Lumber Co. paid Mr. Remington \$100,000 cash and his Midland property, valued at \$100,000. The

Heavenrich Bros.

Tailor Made Clothing,

Mail Orders sent in care L. W. ATKINS will receive Prompt Attention. income in the case of the workingman's budget must suggest to him the wisdom of budget must suggest to him the wisdom of gives the new firm a strong backing finan- Great Haven. The hydrogeneous their lesses and will call.



RINDGE, BERTSCH & MANUFACTURERS AND WHOLESALE DEALERS IN

BOSTON RUBBER SHOE CO.

We have a splendid line of goods for Fall Trade and guarantee our prices on Rubbers. The demand for our own make of Women's, Misses and Childs' shoes is increas-The Ionia creamery manufactured over ing. Send in your orders and they will be promptly attended to.

14 and 16 Pearl Street, Grand Rapids, Mich.

\$250,000. For several years Mr. Thorson, of Milwaukee, and Mr. Remington owned all the stock, Mr. Thorson having \$145,000 taken a lease of the long idle Grace iron fur- and Mr. Remington \$105,000, which he sold

Good Words Unsolicited.

Chas. Strobe, general dealer. Ferrysberg: Would feel lost without it.' Abbott & Co., general dealers, West Camp- ing."

bell: "Long may she wave." Wm, Harris, general dealer, Chase: "It is just the paper for the business men of North-

TRADESMAN is a lively paper, well edited, and bed with the sick headache, and you'll disfull of news which is of lively interest to dealers in general."

The Belgan exports of iron to the United J. H. Pearson & Sons, of Saginaw, have company succeeded the late firm of Paggot States have kept up nearly to the same level smilingly wrenched himself; vay to pursue

An Obliging Creditor.

"I'm looking for No. ---," said a bill collector to a pedestrain on Grand River

Avenue the other day. "Got a bill I suppose?"

"Yes, sir." "Well, that number is two blocks farther up, and I can save you the trouble of walk-

"Family moved?"

"Oh, no, but I'm the party you want, and I can't pay the bill. Please don't go and Chas. Burmeister, grocer, Frankfort: "The ring the bell, for my wife has just gone to turb her. Fine weather for winter, isn't it?"

And he lighted a twenty-cent cigar, took a new grip on his gold-headed cane, and

Drugs & Medicines

STATE BOARD OF PHARMACY. One Year—Geo. M. McDonald, Kalamazoo,
Two Years—F. H. J. VanEmster. Bay City.
Three Years—Jacob Jesson, Muskegon.
Four Years—James Vernor, Detroit.
Five Years—Ottmar Eberbach, Ann Arbor.
President—Ottmar Eberbach.
Secretary—Jacob Jesson.
Treasurer—Jas. Vernor.
Next place of meeting—At Grand Rapids,
March 2, 1886.

Michigan State Pharmaceutical Association.

OFFICERS.

OFFICERS.

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

Grand Rapids Pharmaceutical Society.

ORGANIZED OCTOBER 9, 1884.

OFFICERS.

President—Frank J. Wurzburg. Vice-President—Wm. L. White. Secretary—Frank H. Escott. Treasurer—Henry B. Fairchild. Board of Censors—President, Vice-President and Secretary.

Board of Censors-President, Vice-President and Secretary.
Board of Trustees—The President, Wm. H. Van Leeuwen, Isaac Watts, Wm. E. White, Wm. L. White.
Committee on Pharmacy—M. B. Kimm, H. E. Locher and Wm. E. White.
Committee on Trade Matters—John E. Peck, H. B. Fairchild and Wm. H. Van Leeuwen.
Committee on Legislation—Jas. D. Lacey, Isaac Watts and A. C. Bauer.
Regular Meetings—First Thursday evening in each month.

each month. Annual Meetings—First Thursday evening in November, Next Meeting—Thursday evening, February 4, at "The Tradesman" office.

Detroit Pharmaceutical Society.

Organized October, 1883.

President—Wm. Dupont.
First Vice-President—Frank Inglis.
Second Vice President—J. W. Caldwell.
Secretary and Treasurer—F. W. R. Perry.
Assistant Secretary and Treasurer—A. B. Salt

zer. Annual Meeting—First Wednesday in June. Regular Meetings—First Wednesday in each month.

Jackson County Pharmaceutical Association.

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

Saginaw County Pharmaceutical Society.

TEMPORARY OFFICERS. Chairman—Henry Melchers. Secretary—D. E. Prall.

Muskegon Drug Clerks' Association. OFFICERS.

President—I. F. Hopkins. Vice-President—John Meyers. Secretary and Treasurer—O. A. Lloyd. Regular Meetings—Second and fourth Friday of each month. Next Meeting—Friday evening, January 22.

FORMULAS.

For Some of the Most Popular Remedies on the Market.

SANFORD'S RADICAL CURE FOR CATARRII consists (according to an analysis made by Prof. A. B. Lyons) of a distilled extract of witch hazel, containing a little alcohol and glycerine, perhaps as much as five per cent. of the latter and between ten and fifteen per cent. of the former (no exact determinations attempted), also an important constituent-morphine-quantity not estimated. The "solvent" consists mostly of niter and bi-carbonate of soda, with a small quantity of yellow powder, insoluble or sparingly soluble in water—probably a vegetable pow-

FELLOWS' SIRUP OF HYPOPHOSPHITES. Dr. Tscheppe, after an exhaustive analysis, gives the active constituents of Fellows' preparation as follows (100 parts by

Quinine and strychnine, anhydrous. 0.10 Hypophosphites (as sodium salt). . . . 1.00 Iron and Mangause, weighed as ox-Calcium, Sulphuric acid, from quinine, traces. Phosphoric acid,

Dr. Tscheppe proposes the following formula, based on his examination, and which, he says, practically demonstrates the correctness of his analysis, as this product is as nearly similar to Fellows' sirup of hypophosphites as it is possible to obtain synthet-

Dissolve by trituration in a warm mortar.

without the addition of acid. CUTICURA RESOLVENT.

This preparation is said to be:
Aloes soct
Iodide potas 36 grains. Whisky 1 pint.
Macerete overnight and filter.

J. L. ST. JOHN'S LINIMENT.

THOMPSON'S EXE WATER.

Zinc. sulphate 20 grains.
Copper sulphate 5
Tinct. saffron 2 drachm
Tinet. camphor 1 drachm

HARDY'S OINTMENT. Beef tallow......17 drachms. Essence vanilla q. s. to flavor.

PARKER'S TONIC. The green panel bottle contains full 3 fluid are among men of influence and position ounces of a reddish liquid. A similar com- who would hardly be seen in a saloon, GRAND RAPIDS,

sugar, 1% ounces avoirdupois in water, 1% behind the prescription case. ounce and 5 drachms.

LAVARRE'S SURE CURE. Bottle contains 23/4 fluid ounces of a rath- unholy gain. er turbid, deep pinkish red liquid with a sweetish, saline, aromatic taste, the com-

position of which is about as follows:
Fluid extract poke berries80 minims. Fluid extract sasssafras40
Liquid ammonia, Caustic 5 " Sodium bromide
Alcohol
Oil peppermint
White sugartroy 3 draehms Water (enough to make) 4 fl' ounces
oscoop's criot Acocile

OSGOOD'S CHOLAGOGUE.
Sulphate of quinine
New Orleans molasses 31/2 ozs.
SCHENCK'S PILLS.

Schenck's Mandrake Pills have had an aphas a percentage of tannin. We suppose,

aloes and colocynth. HOSTETTER'S BITTERS.

A similar preparation, possibly not quite so strong in alcoholic percentage, may easi- A leading London chemical firm recently ly be made by macerating for 48 hours:

extract of mandrake root and probably some

Decant or filter.

HAMLIN'S WIZARD OIL.

Oil sassafrasfl. 3 i.
Oil peppermintfl. 3 ii.
Oil clovesfl. 3 ii.
Aqua ammoniafl. 3 ss.
Sp. aeth. nitrosifl. 3 ii.
Gum camphorTroy 3 i
AlcoholOi.
Dissolve the oils and camphor in the alco

hol, then add the sp. niter, and lastly the tween druggists and population in the ammonia. Let the preparation stand for three or four days before being filtered.

Unjust Tirade Against the Country Druggist.

[THE TRADESMAN gives place to the following contribution because of its disposition to be fair to both sides of any controversy, at the same time expressly asserting that it disapproves of the statements made by the writer. If Mr. Crandall is in possession of the information he claims to be, common honesty should impel him to disclose it for the benefit of the public at large. Instead of making a general accusation against the trade as a whole—an accusation which is not borne out by the facts in the matter-it would be more consistent for him to secure the conviction of the few dealers who disgrace their profession by the practice Mr. Crandall imputes to them-ED.

SAND LAKE, Jan. 13, 1886. Editor Michigan Tradesman:

DEAR SIR-I am a constant reader of instruction and benefit. Nevertheless, I am advanced or some sentiments deduced by steady. your numerous contributors. For instance, at the meeting of the Grand Rapids Pharmaceutical Society, held last week in your city, Dr. H. E. Locher moved that "Our member of Congress be asked to use his influence to secure the repeal of the U.S. Revenue law as affecting druggists, etc." In discussing this matter, Dr. Locher said, "There are other reasons why the motion should prevail. One is the erroneous idea that druggists are liquor dealers. Now, Mr. Editor, I do not know but I am getting on sacred soil and forbidden ground when I write against this sentiment of druggist being liquor dealers in the sense the good doctor wished to be L. M. MILLS. understood. I remember last winter in our Legislature, when the matter was under diseussion, some over-zealous law maker raised his hands in holy horror at the thought of druggists selling liquor other than for legitimate purposes. This sentiment, as did the statement of Dr. Locher above referred to, incited within me a belief that the question was being whitewashed, either through a lack of knowledge by its advocates or elsethe druggists in your city are purer and more law-abiding than are their country cousins and druggists in our little towns. If this matter was written up honestly by men and women, too; by men who visit daily behind the show case, taking often their friend with the show case, taking often their friend with them; and if wives who know that their husbands get their daily supply of intoxicants [51,000 cash, balance on easy time if secured. Good paying store. Good reason for selling. behind the druggist's prescription case even when saloon keepers have refused to sell them. I say, if one-half of the facts could be brought to light that curse this illegitimate business of selling liquor contrary to law behind prescription cases, there would be less holy horror manifested. That this be less holy horror manifested. That this is a delicate subject I am fully alive to; but I know whereof I write. I can find you

liquor-larger than saloonists in their towns.

I can find you druggists whose customers

position is obtained by dissolving white wending their way silently, but knowingly,

fluid ounces, and mixing thoroughly with a This selling liquor on a druggist's license solution of fluid extract of ginger, 2 fluid is the bane snd horror to too many saloon drachms; fluid extract of capsicum, 1 minim; keepers. This is no new phase of the liquor fluid extract of sassafras, 15 minims; oil of traffic. The practice is as old as the drugwintergreen, 1 minim, in alcohol, 1 fluid gist business. It is a trick of the trade and hence the druggists in our little towns are thriving nicely, getting their coffers full of

> 1 can find druggists in towns where no saloon keeper is permitted to taint the hallowed ground with his unholy and lifedestroying, heaven-accursed traffic, where any of the knowing ones can get their morning drams without any scruples. I can name one of our smart inland towns where the drayman told the writer he had delivered from the depot as much or more liquor to the two or three druggists of the town as he had to the three or four saloons. Your correspondent knows these saloons were doing a flourishing business, and what can be said of the druggists-that it must have been a very sickly locality or else the kegs sprung a leak—through the faucet.

As I said above, if this subject was venproximate analysis made of them by Hager tilated properly from the bottom up, instead (Berlin), which analysis states that there is of repealing the Internal Revenue law as no mandrake contained in the pills, that shadowed above druggists would have to they contain some cayenne pepper, a bitter take out a dealer's license. We are sorry extract and some vegetable powder, which your city druggists or doctors show so much verdency in this matter; and would suggest however, that these pills are nothing more that they take a trip out to our country or less than a cheap vegetable cathartic pill, drug stores where their benighted minds probably containing aqueous or alcoholic would soon become enlightened.

J. V. CRANDALL.

From the National Druggist.

received e letter from Mexico, in which the Gentian 15 grains, blessed thistle (car- writer asks them to let him know the price duus benedictas), 15 grains; calamus, 15 per ounce of rattlesnake oil, also the best grains, orange peel, 60 grains, with alcohol way to take it, to pack it, and to ship it and and water, in the proportion of 6 parts of to state what apparatus is necessary in the the former to 4 parts of the latter, by meas- manufacture of it. When we were in the ure—enough to make, after straining and retail drug business, a customer offered a expressing, 16 fluid ounces, in which dissolve by agitation white sugar, 320 grains; per drop. When it was suggested that his and add oil orange peel, one drop, previous- price was rather high, he answered that he ly dissolved in smallest quantity of alcohol. once paid a druggist-doctor 50 cents to put 5 drops of the oil in his ear, so that at 1 cent a drop, he allowed the druggist a profit of 9 cents a drop, and that was enough for anyone to make.

> Proportion of Pharmacists to Population. The following tabulated statement is the result of an investigation as to the ratio be-

countries named:	
One pharmacist to every	
United States 1.810	persons
Canada	**
England 4,510	**
Italy 2,500	44
Austria	••
Hungary	**
Prussia 9,360	**
Switzerland	44
France 6,300	**
Holland	••

What He Wanted.

Ten-year-old boy-I want five cents worth f g-o-r-i-c. Druggist-I guess it is paregoric you

vant. Is the baby sick? Boy-No. Druggist-What do they use it for?

Boy-Dunno. Druggist (handing him a bottle of pareoric)—Take that home and if your mother

Boy goes home and returns, saying it was borax he wanted.

don't want it bring it back.

The Drug Market.

Business and collections are both fairly your valuable paper, and as such receive good. Citric acid and tonka beans have advanced and chlorate potash has declined sometimes lead to smile at some opinions Other articles in the drug line are about

> The metric system of weights and measures was adopted enthusiastically in many laboratories when first introduced, but it is now said to be rapidly losing ground. It has been the cause of many serious errors. The fact that the misplacement of a little dot will turn a comparatively harmless dose of medicine into one having a deadly Cubebs, P. & W.
>
> Lipsch against it.
>
> Cod Liver, N. F....
> Cod Liver, B. F....
> Cod Liver, B. F. Co.'s, 16
> Cubebs, P. & W.
> Erigeron
> Ericewood

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

DRUG

Mills & Goodman, Props.

357 SOUTH UNION ST.,

WHOLESALE PRICE CURRENT.

······	STOLEN.	4500	~~~	beneka
dvanced-Citric acid, Tonka be			****	Sarsaparilla, H
eclined—Chlorate potash.	aus	•		Sarsaparilla, M
echned-Chiorate potasn.				Squills, white (1
ACIDS.				Valerian, Engli
tio No 0	9	0	10	Valerian, Verm
tie, No. 8tie, C. P. (Sp. grav. 1.040)		@	35	. morney , crm
tic, C. P. (Sp. grav. 1.040)	30	0		
bolie	34	@	36	Anise, Italian
ic	65	@	70	Bird, mixed in 1
riatic 18 deg	3	0	5	Canary, Smyrn
rie 36 deg	11	@	12	Caraway, best I
lie	10	@	12	Cardamon, Ale
ohuric 66 deg	3	0	4	Cardamon, Mala
taric powdered	52	0	55	Colour Calcur
zoic, English Poz		~	18	Celery
zoic, German	12	0	15	Coriander, pest
nie	12	ã	15	Fennel
	1~	6	10	Flax, clean
· AMMONIA.				Flax, pure grd (
honate \$8 to	15	@	18	Foenugreek, po
onate	-	•	14	Hemp, Russian
a 16 deg or 3f	3	0	5	Mustard, white
a 18 deg or 4f	4	ã	6	Quince
		0		Rape, English
BALSAMS.		4		Worm, Levant.
aiba		400	245	
			40	Florida sheeps'
u		1	75	Nassau de
1		•	50	Velvet Extra do
			90	Extra Yellow do
BARKS.				Grass do
sia, in mats (Pow'd 20e)			11	Hard head, for
chona, yellow			18	
, select			13	Yellow Reef.
ground, pure			14	1
, powdered, pure			15	Alcohol, grain (
			10	Alcohol, wood,
safras, of root			12	Anodyne Hoffn
Cherry, select			20	Arsenic, Donov
berry powdered				Arsenic, Fowler
alock powdered			18	Annatto 1 to ro
100			30	Alum
p ground			12	Alum, ground
BERRIES.				Annatto, prime
		01	00	Antimony, pow
eb prime (Powd 1 05c)	•	@1		Arsenic, white,
iper	6	0	7	Blue Soluble
kly Ash	50	0	60	Bay Rum imp

EXTRACTS. Licorice (10 and 25 to boxes, 25c)... Licorice, powdered, pure.
Licorice, powdered, pure.
Logwood, bulk (12 and 25 lb doxes).
Logwood, 1s (25 lb boxes).
Lgowood, ½s do
Logwood, ¾s do
Fluid Extracts—25 % cent. off list. FLOWERS.

 Arnica
 12 © 15

 Chamomile, Roman
 25

 Chamomile, German
 25

 GUMS.

Aloes, Barbadoes. 60@ 75
Aloes, Cape (Powd 20c). 12
Aloes, Socotrine (Powd 60c). 50
Ammoniac 28@ 30
Arabic, powdered select. 90
Arabic, 1st picked. 80
Arabic, 3d picked. 75
Assafcentida, prime (Powd 35c). 25
Benzoin. 55@60
Camphor 25@ 27
Catechu. 1s (½ 14c, ¼s 16c). 13
Euphorbium powdered. 35@ 40
Galbanum strained. 80
Gamboge. 80@ 90
Guaiac, prime (Powd 45c). 35
Kino (Powdered, 30c). 20
Mastic. 125
Myrrh. Turkish (Powdered 47c). 40
Opium, pure (Powd \$5.25). 350
Shellac, Campbell's. 30
Shellac, Campbell's. 30
Shellac, native. 24
Shellae bleached. 30 @1 00
HERBS—IN OUNCE PACKAGES. GUMS.

Citrate and Quinine.
Solution mur., for tinctures.
Sulphate, pure crystal.
Citrate
Phosphate

Buchu, short (Powd 25e)	13 @ 14
Sage, Italian, bulk (½s & ½s, 12e)	6
Senna, Alex, natural	18 @ 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

Carbonate, Pattison's, 2 oz...... Carbonate, Jenning's, 2 oz..... Citrate, H., P. & Co.'s solution... Calcined... Amber, rectified..... 45 @ 50 45 Almond, sweet ..

Anise.

Bay ♥ oz.
Bergamont.
Castor
Croton.
Cajeput
Cassia
Cedar, commercial Cedar, commercial (Pure 75c).... Firegron
Fireweed
Geranium \$\mathbb{9}\ oz.
Hemlock, commerciai (Pure 75c).
Juniper wood.
Juniper berries
Lavender flowers, French
Lavender garden do
Lavender spike do
Lemon, new crop.
Lemon, Sanderson's.
Lemongrass

Lemon, new crop.
Lemon, Sanderson's.
Lemongrass.
Olive, Malaga.
Olive, "Sublime Italian
Origanum, red flowers, French.
Origanum, No. 1.
Pennyroyal
Peppermint, white.
Rose © oz.
Rosemary, French (Flowers \$1 50)
Salad, © gal.
Savin.
Sandal Wood, German.
Sandal Wood, German.
Sandal Wood, W. I.
Sassafras.
Spearmint
Tansy.
4
Tar (by gal 50c).
Wintergreen
Wormwood, No. 1 (Pure \$4.00).
Wormseed

POTASSIUM.
Bicromate.

® b

Bromide, cryst, and gran, bulk... Chlorate, cryst (Powd 25e)... Iodide, cryst, and gran, bulk... Prussiate yellow...

Althea, cut.

Arrow, St. Vincent's.

Arrow, Taylor's, in ¼s and ½s...

Blood (Powd 18c).

Calamus, peeled.

Calamus, German white, peeled.

Calamus, German white, peeled.
Elecampane, powdered.
Gentian (Powd 15c).
Ginger, African (Powd 14e).
Ginger, Jamaica bleached.
Golden Seal (Powd 25c).
Hellebore, white, powdered.
Ipecac, Rio, powdered.
Jalap, powdered.
Licorice, select (Powd 15).
Licorice, extra select.

M. S. GOODMAN.

EXCHANGE.

DARGAIN—Fine drug store in north-western Michigan, on railroad, in growing town. Building for sale or rent on easy terms. Fine chance for physician. Stock about \$2,000; buildings, \$3,000. Part on time.

FINE STOCK in western Michigan on C. & W. M. Railway. Stock worth about \$1,500.

druggists who have had large invoices of MICHIGAN DRUG EXCHANGE,

CONTROL AND	BEDUSEN.	reservation of	ALTERNATION OF THE PARTY OF THE	
Serpentaria. Seneka Sarsaparilla, Hondurus. Sarsaparilla, Mexican. Squills, white (Powd 35c). Valerian, English (Powd 30e). Valerian, Vermont (Powd 28c).			50 60 40 20 15 25 20	HAZE
Anise, Italian (Powd 20c). Bird, mixed in b packages. Canary, Smyrna. Caraway, best Dutch (Powd 20c). Cardamon, Aleppee. Cardamon, Malabar. Celery Coriander, best English.	5 4 15	@ @ @ i	15 6 4½ 18 50 75 15 10	PI
Fennel Flax, clean Flax, pure grd (bbl 3½). Foenugreek, powdered Hemp, Russian Mustard, white Black 10c). Quince Rape, English	4 7	40000000000000000000000000000000000000	15 4½ 8 5½ 10 75	

dered, com'l....

Arsenic, white, powdered, com 1. 42/2
Arsenic, white, powdered. 6 (
Blue Soluble.

Bay Rum, imported, best.

Bay Rum, domestic, H., P. & Co.'s.

Balm Gilead Buds.

Beans, Tonka.

Beans, Vanilla. 7 00

Bismuth, sub nitrate.

Blue Pili (Powd 70c)

Blue Vitriol 6 Borax, refined (Powd 12c).

Cantharides, Russian powdered.

Capsicum Pods, African pow'd.

Capsicum Pods, African pow'd.

Capsicum Pods, Bombay do

Carmine, No. 40.

Cassia Buds. Calomel, American

Chalk, precipitate English.

Chalk, red fingers.

Chalk, white lump.

Chloroform, Squibb's.

Colocynth apples.

Chloral do do cryst.

Chloral do Scherin's do

Chloral do Scherin's do

Chloral do Choroform. 63

Cinchonidia, P. & W. 20

Conconsidered. 18

Coccineal Cocco Butter.

Copperas (by bbl 1c).

Corrosive Sublimate

Coream Tartar, grocer's, 10 lb box.

Cream Tartar, pure powdered..... Cream Tartar, grocer's, 10 b box...

Cuttle Fish Bone.

Dextrine

Dover's Powders.

Dragon's Blood Mass

Ergot powdered.

Ether Squibb's.

Emery, Turkish, all No.'s.

Epsom Salts (bbl. 136).

Ergot, fresh.

Ether, sulphuric, U. S. P.

Flake white. 45 @ 70

Ether, sulphuric, U. S. P. Flake white.
Grains Paradise...
Gelatine, Cooper's.
Gelatine, French
Glassware, ffint, 79 off, by box 60 off
Glassware, green, 60 and 10 dis.
Glue, cannet.
Glue, white.
Glycerine, pure.
Hops ½8 and ½s.
Lodoform ¾ oz.
Lindigo
Linsect Powder, best Dalmatian.
Linsect Powder, H. P. & Co., boxes
Lodine, resublimed.
Linglass, American
Japonica
London Purple.
Lead, acetate...
Ling chloride (½s 25 10c % ½s 11c) Lead, acetate..... Lime, chloride, (½s 2s 10c & ¼s 11c)

Santonin
Santonin
Snuffs, Maccoboy or Scotch.
Soda Ash [by keg 3c]
Spermaceti.
Soda, Bi-Carbonate, DeLand's.
Soap, White Castile.
Soap, Green do
Soap, Mottled do
Soap, Mottled do
Soap, Mazzini.
Spirits Nitre, 3 F.
Spirits Nitre, 4 F.
Sugar Milk powdered.
Sulphur, flour.
Sulphur, roll.
Tartar Emetie.
Tar, N. C. Pine, ½ gal. cans \$\frac{1}{2}\$ doz

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

 No. 1 Turp Coach
 1 10@1 20

 Extra Turp
 1 60@1 70

 Coach Body
 2 75@3 00

 No. 1 Turp Furniture
 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 I aints.
Swiss Villa Preparec Paints. LTINE,

Wholesale Druggists,

OFFER TO THE TRADE THEIR ENTIRE STOCK OF

HOLIDAY GOODS,

-AT-

COST

Until January 1, 1886.

THE LINE INCLUDES

Brush and Comb Sets in Celluloid Diatite,

Florence.

Odor Cases,

10 @

41/400

26 @ 30 @

Collar and Cuff Boxes. Gents' Dressing Cases, Cut Glass Bottles, Fancy Perfumes, Manicure Sets, Jewel Cases,

Infant Sets, Work Boxes,

Game Boxes.

AT COST! AT COST!

Until January 1st.

The Michigan Tradesman.

A MERCANTILE JOURNAL, PUBLISHED EACH WEDNESDAY.

E. A. STOWE & BRO., Proprietors. Office in Eagle Building, 49 Lyon St., 3d Floor Telephone No. 95.

Entered at the Postoffice at Grand Rapids as Second-class Matter.

WEDNESDAY, JANUARY 20, 1886.

BUSINESS LAW.

Brief Digests of Recent Decisions in Courts of Last Resort.

STATUTE OF FRAUDS-CONSIDERATION. The Superior Court of Kentucky held, in the case of Spurrier vs. Nottingham, that the assumption of liability as surety was a sufficient consideration for the promise of another to save the surety harmless, and that a promise to save one harmless if he would become the surety of another was not such as was required by the Statute of Frauds to be in writing.

LIABILITY OF CITIES-NEGLIGENCE.

In the case of the city of Henderson vs. Weisenberger et al., the Superior Court of Kentucky held that a city was not liable for injuries resulting from the falling of a bill board erected by the proprietor of a private lot and projecting over the line of his lot only the thickness of the board unless the city had notice that the board was not securely fastened.

INSURANCE-AGENT-NOTICE.

An agent was employed to secure certain insurance, which he did. Afterwards the insurance company gave notice to the agent of the cancellation of the policy. The General Term of the New York Supreme Court held that the notice so given was not notice to the insured, and that a clause in the policy to the effect that the insurance broker should be deemed to be the agent of the insured in any transaction relating to the insurance did not affect the question.

GARNISHMENT-GENERAL WAIVER OF EX-EMPTION.

The Supreme Court of Georgia recently "I hereby contract and expressly waive the weekly, monthly or yearly wages or salary from the operation of the garnishment law, such specific orders on employers containing such specific waiver would be good.

OF EQUITY.

In a case recently decided by the Supreme residing in Savannah and knowing the value instructed his agent in Macon to purchase for him 1,000 shares at \$1.50 or \$1.75 per share. The agent went to the agent of the company in Macon and inquired where he could get the stock. The latter asked what he was willing to pay for it, and on being informed that the buyer would pay \$3.75 value was not above \$2 per share. There was no evidence of any relation of trust or confidence between the agent of the buyer and the seller, or that any inquiries were made of the seller as to the value of the stock, or that the seller knew of his ignorance thereof. Subsequently the buyer's agent discovered the mistake which he had made in executing his instructions and a recission of the trade was demanded. The court held that equity should not relieve against such a contract, that since no fraud, actual or constructive, was shown, negligence of the buyer furnished no ground of relief, and that the ignorance of a fact known to the opposite party would not justify the interference of a court of equity wnere there had been no misplaced confidence or misrepresentation or other fraudulent act.

Impossible to Counterfeit It.

From the Pittsburg Chronicle.

"Speaking of oleomargarine," remarked McSwilligen this morning, "it has occurred to me that there is one kind of butter which will always defy counterfeiting."

"Ah! What kind of butter is that?" asked

Squildig. "The goat.

A man was seized with an epileptic fit in the street the other day, whereupon a kindly disposed policeman darted into a neighboring grocery and asked for a handful of salt which he forced into the poor fellow's mouth. The operation was approved by some of the spectators, who complimented the policeman upon his knowledge of "just what to do" in such cases. "Of all popular remedies," said a physician who was quesiioned on the subject, "that of choking a man with salt just because he has a fit is the most senseless and barbarous. In some cases it would do serious injury, and might cause death. Histero-epileptics are troubled with a choking sensation and spasmodic contractions in the throat, which interfere greatly with breathing and swallowing. To crowd salt into it is a foolish and ignorant

Predictions Regarding Provisions

New England Grocer: With cheese selling at rates fully 25 per cent. less than last year, experts claim such goods a good purchase to hold. Choice grades of cheese will undoubtedly command an advance over present quotations by next spring. The low price of pork products and other provisions will be somewhat of a check upon

any marked advance. Chicago Inter-Ocean: Chicago is one of the largest, if not the very largest, producer of butterine and oleomargarine in the world. It has six firms which report astonishing figures for 1885. The first one makes two freight car loads each day. The second produces 30,000 pounds a day, "fine grades a specialty." The third has made 4,500,000 of the stuff in eight months, and the fourth reports the sale of 3,000,000 pounds for the year, "almost all of which was shipped to Eastern markets."

Philadelphia Times: It may be said that the lowering of the price of wheat and flour will be an advantage to the working classes of our own country. This, however, is true to a limited extent only, as the agricultural and is compelled to sell that at a low price isn't going to buy many clothes for his family nor build a new house to live in. He will get along with what he has, as taxes and the barest necessaries will consume his income for the year. The prosperity of the manufacturing and commercial interests depends very largely upon the prosperity of the farmers, and the permanent lessening of the foreign demand for our agricultural products is not a thing to be contemplated with

Injustice to Inventors.

It is an indisputed and acknowledged fact that the high position which this country holds among nations is almost entirely due to the inventors. Year after year the Commissioners have recommended an increase of the examing corps and ample rooms for its accommodation, which at present are entirely inadequate. In this year's report the Commissioner says upon this subject:

"Business is retarded and health impaired in consequence of the limited space allotted. declared void a general waiver made by a No well-regulated mercantile house would laborer in a note in the following form, viz.: suffer the inconventences to which this office is compelled to submit on account of want exemption of my wages or salary from the of room and office force necessary to properprocess of garnishment under the laws of ly dispatch business. Inventors are contin-Georgia, or the exemption of my daily, ually complaining, and they cannot understand why their work is delayed when the fees they pay the Government are ample to in case this note is not paid promptly at supply all needful facilities. It is not bematurity." The court did not decide wheth- lieved that it was ever the intention to make er a special waiver of the exemtion as to the Patent Office a bureau of revenue, and I certain employment and for a certain time submit that it is due the inventors that they by specific orders on employers containing should have prompt, intelligent and careful action upon their applications for patents when the fees which they pay are more than sufficient to meet all the incidental expenses. SALE OF STOCK—LACHES—INTERFERENCE We hear no complaint because of the amount of fees exacted, and the patrons of the office would willingly submit to an increase in Court of Georgia it appeared that a person that direction if it would hasten well-considered action in the Office; but no increase of certain stock of a company in that place is necessary. They only ask that Congress shall use more of the money paid into the office for the purpose for which it was intended. This is all they ask, and I submit that Congress should not do less."

Dorcas contains each month a number of lew patterns in knitting, and is valuable as per share sold at that price. The market regards other varieties of fancy work. It should reach those interested in home decoration. Published by Howard Bros. & Co., 872 Broadway, New York.

> Golden Seal Bitters is meeting with grand success whenever used. It is an article of great merit. Every family should have it in the house. It is the coming family medicine



CHAS. S. YALE & BRO. WHOLESALE MANUFACTURERS OF Baking Powders, Extracts, Bluings,

AND JOBBERS OF GROCERS' SUNDRIES.

All orders addressed to the new firm will receive prompt attention.

40 and 42 South Division St., GRAND RAPIDS,

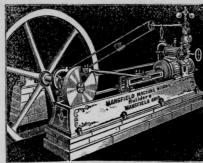


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WE DO ONLY FIRST-CLASS WORK AND USE NO

PORTABLE AND STATIONARY

ENGINES



C. Denison,

88, 90 and 92 South Division Street, GRAND RAPIDS, - MICHIGAN

A Simple Cure for Dyspepsia.

Probably never in the history of Proprietary Medicines has any article met success equal to that which has been showered upon Golder Seal Bitters. Why, such has been the success class is by far the largest of any, and its power to purchase is entirely governed by what it gets for its own products. The the same time. Golden Seal Bitters combines farmer, who has only a half crop of wheat the best remedies of the vegetable kingdom, greatest medicinal effect with the least disturb ance to the whole system. In fact, this prepance to the whole system. In fact, this preparation is so well balanced in its action on the alimentary canal, the Liver, the Kidneys, the Stomach, the Bowels, and the circulation of the Blood, that it brings about a healthy action of the entire human organism that can hardly be credited by those who have not seen the remarkable results that have followed its use. Sold by Hazeltine, Perkins & Co., wholesale druggists, Grand Ragids, Mich. 123

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Engravers and Printers

Engravings and Electrotypes of Buildings, Machinery, Patented Articles, Portra

utographs, Etc., on Short Notice. Cards, Letter, Note and Bill Heads and other Office Stationery a Leading Feature

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PERKINS & HESS Hides, Furs, Wool & Tallow

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JENNINGS'

Flavoring Extracts

JENNINGS & SMITH,

Props. Arctic Manufacturing Co.,

CRAND RAPIDS

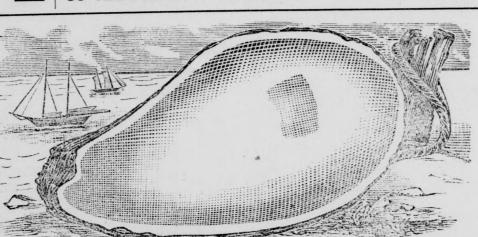
J. H. THOMPSON & CO. BEE SPICE MILLS,

Teas, Coffees & Spices,

The Celebrated Butterfly Baking Powder, Dealers in Tobaccos, Cigars, Etc.,

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DETROIT, MICH.



SEE **OUOTATIONS**

MIC

PRICE-CURRENT.

DETTENTHALER, Johber of Oysters. Indian Head, 4-4. Indiana Head 45-in Amoskeag, ACA... Amoskeag, ACA... Amoskeag, ACA...



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

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

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

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

	WHOLESALE PI	RICE CURRENT.
	WIDE BROW	N COTTONS.
	Androscoggin, 9-423 Androscoggin, 8-421	N COTTONS. Pepperell, 10-4
	Pepperell, 7-4161/2	Pequot, 7-418
~	Pepperell, 8-420 Pepperell, 9-422½	Pequot, 8-421 Pequot, 9-424
9	СНЕ	CKS.
	Caledonia, XX, oz11 Caledonia, X, oz10	Park Mills, No. 90. 14 Park Mills, No. 100. 15 Prodigy, oz. 11 Otis Apron 10½ Otis Furniture 10½ York, 10 2. 10 York, AA, extra 0z. 14 BUHG.
	Economy, oz10	Prodigy, oz11
its,	Park Mills, No. 6011	Otis Furniture101/2
	Park Mills, No. 7012	York, 1 oz10 York, AA, extra oz. 14
ure.	OSNA	York, AA, extra 02.14 Burg.
	Alabama brown 7 Jewell briwn 91/4	Alabama plaid 7
	Kentucky brown101/2	Toledo plaid 7
	Lane brown 9½	New Tenn. plaid11
	Louisiana plaid 7	Utility plaid 61/2
_	Avondale, 36 814	Utility plaid
7	Art cambries, 36111/2	Hill, 4-4 7½ Hill, 7-8 6¾
ر,	Androscoggin, 5-4121/2	Hope, 4-4 63/4
	Ballou, 4-4 61/2	bric, 4-4 1114
7	Boott, O. 4-4 81/4	Linwood, 4-4 71/2
۰,	Boott, E. 5-5 7	Lonsdale cambric 104
	Boott, R. 3-4 51/4	Langdon, GB, 4-4 91/
	Blackstone, AA 4-4. 7	Masonville, 4-4 8
_	Conway, 4-4 7	Maxwell. 4-4 91/4
	Cabot, 4-4 63/4	New York Mill, 4-4.10%
	Canoe, 3-4 4	Pocasset, P. M. C. 71/
	Domestic, 36 74	Pocahontas, 4-4 71/2
	Davol, 4-4 9	Slaterville, 7-8 64
	Fruit of Loom, 4-4 8%	Woodbury, 4-4 53
7	Fruit of the Loom,	Whitinsville, 4-4 75
フ :	Gold Medal, 4-4 63	Wamsutta, 4-4105
	Gold Medal, 7-8 6	Williamsville, 36103
	Gilded Age 8%	ESIAS.
	Crown	ESIAS. Masonville TS. 8 Masonville S. 104 Lonsdale 9 Lonsdale A. 16 Nictory O. Victory J. Victory B. 2 Victory K. 22 Phænix A. 19 Phænix B. 104 Phenix X. 55 INTS.
	No. 10	Lonsdale 95
	Anchor15	Lonsdale A16
	Blackburn 8	Victory J
	Davol14	Victory D
	Paconia	Phoenix A195
Ħ.	Red Cross10	Phoenix B 105
	Social Imperial16	Pheenix XX
	Albion, solid5	Gloucester51
	Albion, grey	Hamilton fancy5
	Ailen's fancy5	Hartel fancy5
	Allen's pink5	Manchester
. 7	American, fancy5	Oriental fancy5
н	Arnold fancy6	Oriental robes6
J	Cocheco fancy5	Richmond6
П	Cocheco robes6	Steel River
74	Eddystone6	Washington fancy6
N	Eagle fancy5 Garner pink5	Washington blues. 7
N	Garner pink	WN COTTONS.
	Appleton A, 4-4 6	Indian Orchard, 40. 8
D AKI	Boston F. 4-4 7	Laconia B, 7-416
()	Continental C, 4-3 6	WN COTTONS. \$\footnote{A}\] Indian Orchard, 40. 8 \$\footnote{A}\] Indian Orchard, 36. 7 \$\footnote{A}\] Laconia B, 7-4
	Continental D. 401h 8	A DIGSS. DD, TT 0
\preceq	Conestoga W, 4-4 6	Nashua E, 40-in 8

Dwight Z, 44... Dwight Star, 4-4... Ewight Star, 40-in.. Enterprise EE, 36.. Great Falls E, 4-4... Farmers' A, 4-4..... 6 Indian Orchard 1-4 75 DOMESTIC GINGHAMS.

 Amoskeag
 7½
 Renfrew, dress styl 9

 Amoskeag, Persian styles
 Johnson Manfg Co, Bookfold
 12½

 Bates
 7½
 Johnson Manfg Co, Johnson Manfg Co, Gress styles
 12½

 Glasgow cheeks
 7
 Slaterville, dress

 Slaterville, dress
 4
 3

Glouester, new standard 7½ Earlston.
Plunket 7½ Gordon Greylock, dre Lancaster 8 Langdale 7¼ styles Styles Androscoggin, 74. 21 Pepperell, 74. 20 Pepperell, 74. 20 Pepperell, 84. 22½ Pepperell, 84. 22½ Pequot, 84. 25 Pequot, 94. EAVY BROWN COTTONS. HEAVY BROWN COTTONS.

7¼ Lawrence XX, 44.
7 Lawrence Y, 30...
6¼ Lawrence LL, 44...
5½ Newmarket N....

Falls, BBC, 36. 19%
Falls, awning. 19
104 Hamilton, BT, 32. 12
10 Hamilton, BT, 32. 12
10 Hamilton, D. 9½
17
16 Methuen AA. 12
16 Methuen AA. 12
16 Methuen AA. 16½
11½ Omega A, 7-8. 11
15 Omega ACA, 7-8. 14
14 Omega ACA, 4-4. 16
14 Omega ACA, 4-4. 16
15 Omega SE, 7-8. 24
16 Omega SE, 4-4. 27
19 Omega M. 7-8. 22
14 Omega A, 44. 25
15 Shetucket, S&SW 11½
15 Shetucket, SFS 12
18 Stockbridge A. 7
11½ Stockbridge A. 7
11½ Stockbridge Frney. 8
ZED CAMBRICS. Amoskeag, Amoskeag, Amoskeag, Amoskeag, Amoskeag, F.
Premium A, 4-4.
Premium B.
Extra 4-4.
Extra 7-8.
Gold Medal 4-4.

Androscoggin sat. 7½ Kearsage.
Cance River. 6 Pepperell bleached
Hallowell 1m. 6½ Pepperell

COAL AND BUILDING MATERIALS

A. B. Knowlson quotes as follows:
Ohio White Lime, per bbl.
Ohio White Lime, car lots.
Louisville Cement, per bbl.
Akron Cement per bbl.
B::falo Cement, per bbl.
Car lots ""

If you cannot frame your circumstances in accordance with your wishes, frame your will into harmony with your circumstances.

It should not be forgotten that the perfectly made article is usually limited in quantity, commands a higher price and pays a better profit to the producer than the inferior or imperfect grade, which is always over-abundant and often sells at a loss.

Ambition is like the sea which swallows all the rivers and is none the fuller; or like the grave whose insatiable maw forever craves for the bodies of men. It is not like an amphora, which being full, receives no more; but its fullness swells it till a still greater vacuum is formed.

The great things of the world have been accomplished by individuals. Vast social reformations have originated in the individual man. Truths that now sway the world were first proclaimed by individual lips. Great thoughts that are now the axioms of humanity proceeded from the center of individual hearts.

If adversity hath killed its thousands, prosperity hath killed its ten thousands; therefore adversity is to be preferred. The one deceives, the other instructs; the one miserably happy, the other happily miserable; and, therefore, many philosophers have voluntarily sought adversity, and so much commend it in their precepts.

A rushlight that had grown fat and saucy with too much grease, boasted one evening before a large company that it shone brightthat moment a puff of wind came and blew it out. One who lighted it again said:

"Shine on, but hold your tongue."

It is estimated that 85 per cent. of all who go into business fail in a few years; and that only three out of one hundred gain more than a living. Such are the uncertainties of trade, with all its opportunities, shrewd and daring operators, its varied experience, its versatility, its capital, its enterprise and its power over men.

To be well insured means not only to have a sufficient insurance to cover at least the larger portion, if not all, the stock of goods, but it also means that it should be in companies which are able to pay and are in the custom of paying their losses without the necessity of a suit at law to compel them. Avoid all insurance companies whose names are frequently seen in the newspapers as defendants in lawsuits.

A Few Long Words. From the Rochester Post and Express.

A correspondent has asked for the longest word in the English language. There have been a large number of answers, some of them quite amusing. Here is a list of words with the number of letters in each:

With the number of letters in each.
Philoprogenitiveness
Incomprehensibleness
Disproportionableness
Suticonstitutionalist
Honorificibilitudinity
Velocipedestrianistical
Transubstantionableness
Proantitionsubstantionist

Only the first three words are to be found in the last edition of Webster's dictionary, and disproportionableness undoubtedly is the longest word in that volume. The correspondent who originated honorificibilitudinity defines it as honorableness, but it certainly has not honorableness enough to entitle it to a nest in the unabridged. Velocipedestrianistical likewise so lacks age and respectability, but it may find its way into Webster in time; it certainly has good locomotive powers. Suticonstitutionalist is doubtful and we do not believe even a mandamus would get it into the dictionary Transubstantionableness might get there if Webster wasn't looking. The man who invented proantitansubstantiationist says it is a good English word, "derived from a short and simple Latin root, and means one who dissents from the doctrine of dogma of the so-called real presence." That may all be, but he ought to be condemned to pronounce to word twice a day as long as he lives if he tries to introduce it into the speech of hon-

But speaking of long words, what is the matter with Lianfairpwilgwyngyligertrobwilgenenwyrmbyligogerbwilzanttosiliogogogoch, the name of a village in Wales.

An Obliging Hardware Clerk.

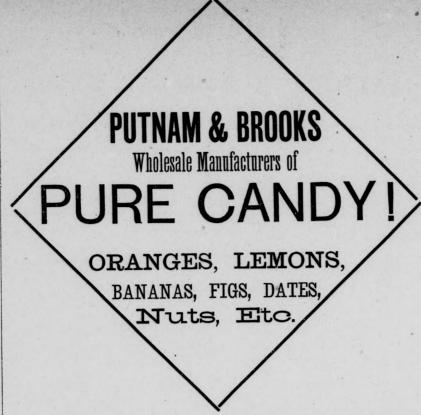
From the Middleville Republican. A certain clerk in a hardware store not a thousand miles from Middleville, is fast becoming famous for his untiring zeal in the matter of waiting on customers and explaining the use of goods in his line. A few days ago he felt called upon to give a practical illustration of how a hog ring is adjusted so as to do its work properly, clasping the ring on his own nose in the absence of a better subject. The ring must have felt very much at home on his nasal organ, for it took two hours hard labor with a kit of tinsmith tools to make it let go and then his nose had lost its "Roman" contour.

Should Have a Rebate.

"How is this, Doctor; you charge me one dollar a visit?"

"It is less than I charge anybody else." "That may be so; but then you forget that it was I who introduced the small-pox into the neighborhood."

The actual horse power of a non-condens ing engine of average efficiency is, approximately, eighty-eight per cent. of the indicated horse power. Of course, engines vary greatly in this respect, the relative efficiency often ialling considerably below the figures given, and in the better class of engines. under favorable conditions, rising somewhat



See Our Wholesale Quotations elsewhere in this issue and write for

before a large company that it shone brighter than the sun, moon and all the stars. At special Prices in Car Lots.

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

B. KNOWLSON.

3 Canal Street, Basement, Grand Rapids, Mich.

WM.SEARS&CO

Cracker Manufacturers,

Agents for

AMBOY CHEESE

37, 39 & 41 Kent Street, Grand Rapids, Michigan.

SPRING & COMPANY,

WHOLESALE DEALERS IN

Staple and Fancy

DRY GOODS.

CARPETS,

Grand Rapids

MATTINGS

CLOTHS

ETC., ETC.

6 and 8 Monroe Street,

COMING to GRAND RAPIDS

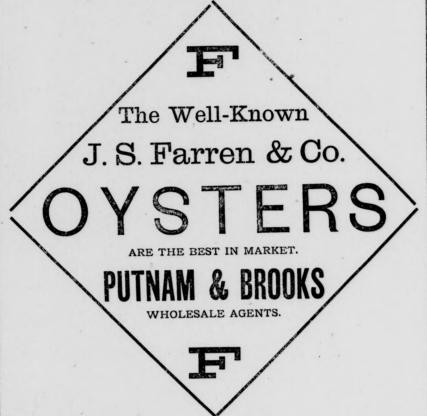
CAR LOADS!

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

EVERY CAN BEARING SIGNATURE OF

The Archer Packing

CHILLICOTHE, ILL.



THE LEADING BRANDS OF

Offered in this Market are as follows:

PLUC TOBACCO.

I	RED FOX	-	-	-	-		-	-	-		.48
	BIG DRIV	E	-	-	-	-	-		-	-	.50
	PATROL	-	-	-	-		-	-	-		.46
	JACK RA	BBIT		-	-	-			-	-	.38
	SILVER C	OIN	-	-	-		-	-,	-		.46
	PANIC -		-	-	-	-			-	-	.46
	BLACK P	RINCE	, DA	RK			-	-	-		.35
	BIG STUM	IP -	-		-	-			-	-	.38
	APPLE JA	CK	-	-	-		-	-	-		.46
	20	e less in ord	lers for	r 100 p	ounds	of a	ny on	e bran	d		
		TOT	TT	E	~	4	-	•			
								-			

THE MEIGS FINE CUT, DARK, Plug flavor	.64
STUNNER, DARK	.38
RED BIRD, BRIGHT	.50
OPERA QUEEN, BRIGHT	.40
FRUIT	.32
O SO SWEET	.30
2c less in 6 pail lots.	
*	

SMOKING.		
ARTHUR'S CHOICE, LONG CUT, BRI	IGHT	.22
RED FOX, LONG CUT, FOIL -		.26
GIPSEY QUEEN, GRANULATED -	-	.26
OLD COMFORT, IN CLOTH -		.27
SEAL OF GRAND RAPIDS, IN CLOT	CH	.24
DIME SMOKER, IN CLOTH		.24
2c less in 100 pound lots.		

These brands are sold only by

Arthur Meigs & Co. Wholesale Grocers,

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

Trais connect with G. R. & I. trains for St. Ignace, Marquette and Lake Superior Points, leaving Grand Rapids at 5:00 p. m., arriving at Marquette at 2:05 p. m. and 5:30 p. m., arriving at grand Rapids at 10:30 a. m. and 1:40 p. m., arriving at Grand Rapids at 10:30 a. m. connection made at Marquette with the Marquette, Houghton and Ontonagon Railroad for the Iron, Gold and Silver and Copper Districts.

B. W. ALLEN, Gen'l Pass. & Tkt. Agt., Marquette, Mich. Michigan. 81 South Division Street. It may save you money. Gen'l Pass. & Tkt. Agt., Marquette,

GRANELLO.

MERCHANT TAILOR,

LEDYARD BLOCK,

107 Ottawa St.

Suitings for Manufacturers, Suitings for Jobbers,

Suitings for Retailers,

Suitings for Traveling Men,

Suitings for Clerks,

Overcoats for Everybody.

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

SUPERIOR WORK AND THE PROP-ER STYLE FOR THE WEARER.

ALL AT PRICES THAT WILL IN-DUCE YOU TO LEAVE YOUR ORDER.

Michigan Dairymen's Association.

Organized at Grand Rapids, February 25, 1885.

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

Secretary and Treasurer—E. A. Stowe, Grand Rapids. Next Meeting-At Kalamazoo, February 16, 17

and 18.

Membership Fee—\$1 per year.

Official Organ—The Michigan Tradesman.

TIME TABLES.

Detroit, Grand Haven & Milwaukee.

GOING EAST.	
Arrives.	Leaves.
+Steamboat Express	6:25 a m
+Through Mail10:40 a m	10:50 a m
*Evening Express 3:40 p m	3:50 p m
*Limited Express 8:30 p m	10:45 p m
†Mixed, with coach	11:00 a m
GOING WEST.	
+Morning Express 1:05 p m	1:10 p m
+Through Mail 5:00 p m	5:10 p m
+Steamboat Express10:40 p m	
+Mixed	7:10 a m
*Night Express 5:10 a m	5:35 a m
+Daily, Sundays excepted. *Daily.	
Passengers taking the 6:25 a. m.	Express

D. Potter, City Pass. Agent. Geo. B. Reeve, Traffic Manager, Chicago.

Chicago & West Michigan.

	Leaves.	Arrives,
fail	. 9:00 a m	4:30 p m
Day Express	.12:35 p m	9:25 p m
Night Express	.10:40 p m	5:45 a m
uskegon Express		11:20 a m
*Daily. +Daily except S	unday.	
Pullman Sleeping Cars	on all nig	ht trains.

Pulman Steeping Cars on all fight trains. Through parlor car in charge of careful attendants without extra charge to Chicago on 1:00 p. m., and through coach on 9:15 a. m. and 10:40 p. m. trains.

NEWAYGO DIVISION.

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

Grand Rapids & Indiana.

GOING NORTH.

Arrives. Leaves.
Cincinnati & Gd Rapids Ex 9:20 p m
Cincinnati & Mackinae Ex. 9:30 a m 11:30 a m Ft. Wayne & Mackinae Ex 4:10 p m G'd Rapids & Trav. City Ac. 7:00 a m GOING SOUTH. G. Rapids & Cincinnati Ex. 7:15 a m Mackinae & Cincinnati Ex. 5:05 p m Mackinae & Ft. Wayn e Ex. 10:30 a m Cadillae & G'd Rapids Ac. 10:30 p m

All trains daily except Sunday.

All trains daily except Sunday.

SLEEPING CAR ARRANGEMENTS.

North—Train leaving at 5:95 o'clock p. m.
has Sleeping and Chair Cars for Petoskey
and Mackinac. Train leaving at 11:30 a. m. has
combined Sleeping and Chair Car for Mackinaw

City. City.
South—Train leaving at 5:30 p. m. bas Woodruff Sleeping Car for Cincinnati.
C. L. LOCKWOOD, Gen'l Pass. Agent.

Lake Shore & Michigan Southern. (KALAMAZOO DIVISION.)

8		rrive.	Leave.
ı	Express 7:1	5 p m	7:30 a n
ı	Mail9:	50 a m	4:00 p n
	All trains daily except Sund	lay.	
1	The train leaving at 4	p. m. co	nnects a
	White Pigeon with Atlantic	Express	on Mair
1	Line, which has Palace Draw	ing Roo	om Sleep
	The Chieses A		Vanle and

ing Coaches from Chicago to New York and Boston without change.
The train leaving at 7:30 a. m. connects at Whife Pigeon (giving one hour for dinner) with special New York Express on Main Line.
Through tickets and berths in sleeping coaches can be secured at Union Ticket office, 67 Monre street and depot. coaches can be seed depot. 67 Monre street and depot. J. W. McKenney, Gen'l Agent.

Michigan Control

michigan Constat.
DEPART.
*Detroit Express 6:00 a m
+Day Express 12:45 p m
*Atlantic Express
+Way Freight 6:50 a m
ARRIVE.
*Pacific Express 6:00 a m
+Mail 3:30 p m
+Grand Rapids Express
Way Freight 5:15 p m
*Daily except Sunday, *Daily.
Sleeping cars run on Atlantic and Pacific
Express.

Direct and prompt connection made with Great Western, Grand Trunk and Canada Southern transforms in same depot at Detroit, thus Southern trains in same depot at Detroit, tags avoiding transfers.

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

A train leaves Detroit at 4 p. m. daily except Sunday with drawing room car attached, arriving at Grand Rapids at 10:35 p. m.

CHAS. H. NORRIS, Gen'l Agent.

Detroit, Mackinac & Marquette.

Groceries.

RETAIL GROCERS' ASSOCIATION OF GRAND RAPIDS.

ORGANIZED NOVEMBER 10, 1885.

President—Erwin J. Herrick.
First Vice-President—E. E. Walker.
Second Vice-President—Jas. A. Coye.
Secretary—Cornelius A. Johnson.
Treasure—B. S. Harris.
Board of Directors—Eugene Richmond, Wm.
H. Sigel, A. J. Elliott, Henry A. Hydorn and
W. E. Knox.
Finance Committee—W. E. Knox, H. A. Hydorn and A. J. Elliott.
Room Committee—A. J. Elliott, Eugene Richmond and Wm. H. Sigel.
Arbitration Committee—Gerrit H. DeGraf, M.
J. Lewis and A. Rasch.
Annual meetings—Second Tuesday in November. ber. Regular meetings—First and Third Tuesday Evenings of each month. Next meeting—Tuesday evening, Feb. 2.

Grocers' Association of the City of Muskegon.

OFFICERS.

OFFICERS.
President—H. B. Fargo.
First Vice-President—Wm. B. Keift.
Second Vice-President—A. Towl.
Recording Secretary—Wm. Peer.
Financial Secretary—John DeHaas.
Board of Directors—O. Lambert, W. 1. McKenzie, H. B. Smith, Wm. B. Kelly, A. Towl and E. Johnson.
Finance Committee—Wm. B. Kelly, A. Towl and E. Johnson.
Committee on Rooms and Library—O. Lambert, H. B. Smith and W. i. McKenzie,
Arbitration Committee—B. Borgman, Garrit Wagner and John DeHaas.
Complaint Committee—B. Reift, D. A.
Boelkins, J. O. Jeannot, R. S. Miner and L.
Vincent.
Law Committee—H. B. Fargo, Wm. B. Keift
Law Committee—H. B. Fargo, Wm. B. Keift
Frost House, has refitted and refurnished

Law Committee-H. B. Fargo, Wm. B. Keift and A. Towl.

Transportation Committee—Wm. B, Keift, Andrew Wierengo and Wm. Peer.

Regular meetings—First and third Wednesday evenings of each month.

Next meeting—Wednesday evening, Jan. 20.

We've Got Them on Our List.

From the Denver Retail Grocer.

And every day in Denver some dead-beats will be found We've got a little list—we've got a little list— Of grocery offenders who might well be under ground, And who never will be missed—who never will

be missed.

There's the pestilential nuisance who will pay to-morrow noon.

And the man who has just lost his job, but will get another soon.

And the woman who declares she has forgot her pocket-book,

But will pay you in the morning; she is another crook.

But will pay you in the morning; she is another crook.

Pork is up 50 cents per base of the per base of the

And the pompous talking fellow who for credit does insist, They never will be missed—they never will be

There is the man who hasn't paid his grocer in a year,
We've got him on the list—we've got him on
the list, And who complains because you grocers are

so companies because you grocers are
so very, very dear;
He never would be missed—he never would be
missed,
And the woman who makes up her mind she
would rather trade with you
Than with that other grocer, because his scales
are never true. are never true, And want a glass of cider as she's just famish-

ing with thirst,
Then asks you to give her credit until about
the twenty-first,
And the trickster who sends round a boy with

The Cultivation of Rice.

From New Orleans Times-Democrat.

This season's rice crop is the largest ever raised in the State, being very nearly higher. double that of last year-it might have been three times as large. The crop thus harvested in this State, while the largest ever produced, ranks low in grade, and shows produced. Much of this was due to the showing ever recorded. In 1881, when bad weather prevailing during the harvesting season; but some of the inferiority is lessness of the planters. On this point the profits, and the average of the 12 was only sounds a timely warning. They recommend their dividends, while in 1881 not one a more careful selection of seed, and timely passed. The results of 1885 were even and thorough weeding of the crop, as the presence of black seeds of various kinds be borne in mind that two-thirds of the and spear grass in the rice has a depressing effect upon it, a difference of one cent per pound frequently resulting therefrom. To assure the success and stability of this industry our planters must produce only the year were the Barnaby, Border City, Bourne, high grades of rice. Our competitors in this product, as in cotton, are countries where labor is cheap, but rough, and where a cheap, inferior rice can be produced. If we raise a fine quality it will be like American cotton as compared with the Indian, always in demand at good prices on account of its superiority.

Clearing House Report.

A. B. Porter, manager of the Grand Rapids Clearing House, reports the following as the

clearing																						
January	8.	٧.	14																 9	2,0	37	.7
**	9.																		 7	1,0	49	.1
**	11.																		 14	9,1	51	.4
44	12.																		 6	1.7	47	
**	13																		 5	7.4	16	.4
	14.																		 6	1.5	57	
**	15																		 59	1,1	12	.1
46	16.	П																	 6	3.3	36.	.1
**	18																		 9	1,3	38	3.
Total .					.:	١.													 71	3,8	77	.1
Total fo	rv	ve	e.	k	eı	ad	li	n	g	J	a	n	1	8.					 40),5	38	.6
		-			,	*1	4	-		•	n	n	-		Ī	Ī	Ī					

from the large importations of foreign

(principally colonial) fresh meat into the United Kingdom, the farmers of Northhamptonshire have formed a company and have opened stores to supply meat direct changed. Furs are improved in demand. from the breeder to the consumer. The un- Wool is quiet. Tallow is lower and exdertaking is being watched with much in- tremely dull.

Found in a Raisin Box.

jaw-bone and a woman's shoe of foreign pat- bad quarter I gave you." The lady replied inches long, while the other was about church to-morrow, and this will make as twelve inches in length. Both were of much noise in the box as a good one." English make, bearing the Sheffield stamp. Order a sample package of Bethesda Min-The entire surface of the blades was covered eral Spring Water from your grocery jobwith blood-rust. The raisins were the best ber. See quotations in another column. grade, known as Ondaras, and were import- Ludwig Winternitz has just received a ed from Denia, Spain.

OUT AROUND.

News and Gossip Furnished by Our Own Correspondents.

Trade is good. Large quantities of wood are being gotten out. I shall have about 2,000 cords on the bank of Grand River.

WM. ROSIE.

The Grand Rapids Chair Co. is buying 3,000,000 feet of maple logs here.

Henrietta. W. F. Prescott announces that he will start a hardware store at Munith in the

Newaygo. It is currently reported that Geo. King will build a brick block early next spring.

Miss Bernice Wheeler, of Saranac, has

taken a position at Taylor's book store.

Miss Bernice was formerly a Newaygo girl.

There are now in the seven dry-kilns at this place 400 cords of pail and tub staves, and in the stave sheds over 1,800 cords, be-

J. H. Clune, the new proprietor of the Frost House, has refitted and refurnished

J. Levison is visiting Detroit, Grand Rap-

ids and Cadillac, soliciting funds for the nearly completed Hebrew synagogue. Farmers are again bringing in square timber in large quantities.

The Grocery Market.

Business is first-rate and collections are very good. Sugars are firm at a slight decline over last week and California raisins are a trifle lower. Other articles in the gro-

Pork is up 50 cents per barrel and fresh pork has sustained a corresponding advance. Fowls and chickens are scarce and high, local quotations now ranging from 9@12 cents per pound.

The ice blockade at Baltimore still continues, in consequence of which oysters have advanced 25 cents per gallon. Local have advanced 25 cents per gallon. Local dealers experience considerable difficulty in getting supplies fast enough to meet the getting supplies fast enough to meet the had for 30 cents a pound. Apply at the office. demands of the trade, and the retailer will have to be as indulgent as possible until the present obstruction is removed.

The balance of the crop of Florida oranges has been destroyed by the frost. Messina encia oranges are coming in in small lots. California oranges will begin to arrive in a few days. Lemons are steady, with light demand. Foreign nuts are steady. Peanuts are still advancing and are bound to go

Fall River Manufacturing Dividends.

The manufacturing corporations of Fall River made last year about the poorest ends averaging 11 per cent. Last year, out of 36 corporations reporting, only 12 divided 31/2 per cent. No fewer than 24 passed has been ruinously cheap for many months The companies declaring dividends last Globe Yarn, Granite, Laurel Lake, Merchants'. Narraganset, Sagamon, Stafford Tecumseh and Union Cotton.

Poor Prospect for Florida Oranges.

Alford H. McClellan, formerly identified with his brother, D. M. McClellan, in gen eral trade Reed City, but now a resident of Cone, Putnam county, Florida, writes as follows relative to the discouraging weather in that climate under date of January 12: "We are experiencing terribly cold weather. Old settlers say it is many years since such severe cold visited this region. It is now a week since it began to freeze. The oranges are frozen on the trees and the nurseries and young budded trees are ruined. It makes one's stomach ache to look at the winter gardens, and we are all blue in looks and Turkeys feelings. We hope every day will give us our old-time sunshine, also a rest from feeding the fire-places. I think that the insects are all embalmed, as I find them In view of the increased competition with their toes turned toward heaven wherever I look."

Hides. Pelts and Furs.

Hides are lower and weak. Pelts are un-

A few days ago a young lady was making a purchase at a country store and the mer-A Lynn, Mass., grocer recently found chant gave her a counterfeit quarter in beneath the top layer of raisins in a newly- change by mistake. In counting the change opened box two ugly looking knives, en- he discovered the quarter, and wishing to cased in leathern sheaths, a woman's lower correct it said: "Hold on; I guess that's a tern. One of the knives was fully eighteen by saying: "Oh, never mind; I'm going to

second carload of saurkraut.

Dissolution of Copartnership.

Notice is hereby given that the firm of Fox, Musselman & Loveridge is hereby dissolved by mutual consent, and that all debts due said firm will be paid to Amos S. Musselman, and all debts owing by said firm will be paid by Amos S. Musselman, its successor.

Dated January 11, 1886.

JAMES FOX,

AMOS S. MUSSELMAN,
LIVINGSTON L. LOVERIDGE.

Copartnership Notice.

Notice is hereby given that we have formed a copartnership under the firm name of Amos S. Musselman & Co., for the purpose of continuing the Wholesale Grocery business of the late firm of Fox, Musselman & Loveridge, with the old stond the late firm of at the old stand.

at the old stand.

Dated January 12, 1886.

AMOS S. MUSSELMAN.

WM. WIDDICOMB.

MISCELLANEOUS.

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

FOR SALE—Desirable store building and clean grocery stock, situated in growing railroad town. Present owner has all he can do to attend to other business. Anyone with \$3,000 can secure the opportunity of a lifetime. Address X, care The Tradesman. 124*

WANTED TO RENT-A centrally located W store in some thriving town suitable for first-class drug store. Address Lou J. Shafer, 141 South Division St., Grand Rapids.

SITUATION WANTED—By a man of long experience in mercantile business. Derience in mercantile business, to manage a general store or lumber supply store. Can furnish unexceptional references, Address, XXX, care The Tradesman. 121tf

WANTED-A clothing salesman in a retail W store—general store man preferred. A good situation for the right man in a town of moderate size. Address, stating age, experience, references, etc., "A," care Tradesman.

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

WANTED—A man of experience wants to buy an interest in a paying mercantile business and take an active part in conducting the same. References exchanged. Address with description of business, M., this COR SALE OR RENT-Store in the livliest

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

119tf

PARTNER WANTED—A general merchant doing a good business in a thriving lumber town desires a partner with two thousand dolars capital. For particulars address, "Partner," care the Tradesman.

PROVISIONS.

The Grand Rapids Packing & Provision Co

Mess, Chicago packing, new	1
Mess, Chicago packing	ı
Deals slean short out Chicago packing 13 25	ı
Extra family clear short cut. 12 00	ı
Clear A Webster nacker, new	ı
Extra pic short cut	ı
Extra clear heavy	ı
Clear back, short cut	ı
DRY SALT MEATS-IN BOXES.	ı
I Clears booms 5%	ı
Long Clears, neavy	ı
" light 5%	d
Short Clears, heavy 6%	ı
do. medium 6%	ı
	ı
SMOKED MEATS-CANVASSED OR PLAIN.	
Home heavy 91/4	
" medium " " " " " " " " " " " " " " " " " " "	
" light 3%	
Roneless Hams	
Populess Shoulders	
Breakfast Bacon	
Dried Beef, extra quality	
Dried Beet, Ham pieces	
Tierces 6%	
30 and 50 fb Tubs	
LARD IN TIN PAILS.	
20 1b Pails, 4 pails in case	
5 1b Pails, 12 in a case	
** ** * *******************************	
Extra Mess Beef, warranted 200 lbs 9 25	
Boneless, extra	
Pork Sausage	
Ham Sausage	
Tongue Sausage	
Frankfort Sausage	
Bologna straight	
Rologna, thick	
Head Cheese	
In hair parrels o it	1
In quarter barrers	
	Mess, Chicago Packing 10 76 Clear, short pork, Chicago Packing 12 50 Back, clear short cut, Chicago Packing 13 25 Extra family clear, short cut 12 05 Clear, A. Webster packer, new 12 75 Extra pig, short cut 12 75 Extra clear, heavy 13 25 Clear back, short cut 13 50 DRY SALT MEATS—IN BOXES. Long Clears, heavy 5% " light 5% Short Clears, heavy 6% do. medium 6% SMOKED MEATS—CANVASSED OR PLAIN. Hams, heavy 9½ " light 9½ " medium 9½ " light 9½ Boneless Hams 10 Boneless Shoulders 6½ Breakfast Bacon 7% Dried Beef, extra quality 9 Dried Beef, Ham pieces 10½ Shoulders cured in sweet pickle 6

FRESH MEATS. John Mohrhard quotes the trade selling

Fresh Beef, sides.
Fresh Beef, hind quarters.
Dressed Hogs.
Mutton, carcasses.
Veal.
Pork Sausage.

HIDES, PELTS AND FURS. Perkins & Hess pay as follows:

I CIMINO CO ILCONO POR	
HIDES.	
Green 18 15 @ 7 Calf skins, green Part cured 81/@ 81/ Or cured	@10
Full cured 9 @ 9½ Deacon skins, Dry hides and kips 8 @12	@50
SHEEP PELTS.	
Old wool, estimated washed # b 4	@25 @ 41/4
WOOL.	
	0.0

Coarse washed18	@22	
	FURS.	
Bear	1 00@1	5
Fisher		t
Red Fox	1 00@	L
Frey Fox	1 00@	9
Martin	250	L
Mink	05@	
Muskrat, winter	10@	
" fall	000	
" kits		
Otter	4 00@	į
Raccoon *	10@	
Skunk	10@	j
Dearron 50 th	1 5000	å

The Connecticut clock works, looking for a site in Michigan, will not be located until next month, before which time a represen-

WHOLESALE PRICE CURRENT.

AXLE GREASE.

1	AXLE GREASE.	٨
	Fragor's 90 Paragon 180	đ
1	Diamond Y 60 Paragan 25 th pails 1 20	a
8	Modoe 4 doz 2 50 Fraziers, 25 lb pails, 1 25	d
1	BAKING POWDER.	1
ı	Thompson's Butterfly bulk	đ
B	" 6 or 10 th cans 27	d
ı	" 4 4 doz. in case 95	d
ı	" " 1.1 95	d
B	AXLE GREASE. Frazer's. 90 Paragon	a
B	" " " 188 2 25	d
B	" " " 184 25	d
ŝ	" " bulk 28	d
d	Arctic 1/4 th cans 45	d
	4 1/4 " 75	d
9	" 12 "	П
3	" 1 "	ij
2	4 12 00	П
١	Silver Spoon, 3 doz	Н
H	BLUING.	ü
	Drv. No. 2doz. 25	а
	Dry. No. 3doz. 45	d
	Liquid, 4 oz doz. 35	ä
	Liquid, 8 ozdoz. 65	ä
ą	Arctic 4 02 9 gross 4 00)
8	Aretie 8 oz 8 00)
	Arctic 16 oz 12 00)
	Arctic No. 1 pepper box)
ı	Arctic No. 2 " " 3 00)
ı	Arctic No. 3 " " 4 00)
9	BROOMS.	J
•	No 1 Carnet 2 75 No. 2 Hurl	1
	No 2 Cornet 2 50 Fancy Whisk 100)
1	No. 1 Parlor Gom 2 90 Common Whisk 75	,
ı	No. 1 Hard 2 95	١
,	NO. I HUII	
ı	Arctic, ½ b cans. bulk 28 Arctic, ½ b cans. 55	
1	Clams, 2 th standards 175	
	Clam Chowdor 3 th 2 00	
	Core Overtone 1 th standards 1 15	
	Cove Ovetors 2 th standards 190	
l	Lebetons 1 th pionis	
•	Lobsters, 1 ib pichic 2 00	
•	Lobsters, 1 lb star	
	Moskers, 2 lb Star	
-	Mackerel, 1 ib fresh standards	
-	Mackerel, 5 ib fresh standards 5 50	
•	Mackerel in Tomato Sauce, o w	
	Mackerel, a ib in Mustard	
٠	Colmon 1 th Columbia rivor	
	Salmon, 1 ib Columbia river	
	Clams, 1 to standards	
1	Sardines, domestic \(\frac{1}{2} \text{s} \) 9 Sardines, domestic \(\frac{1}{2} \text{s} \) 15 Sardines, domestic \(\frac{1}{2} \text{s} \) 16 Sardines, domestic \(\frac{1}{	
	Sardines domestic 1/s	
ť	Sardines, domestic 725	
-	Sardines, Mustard 725	
•	Theoret 2 th brook	
	Trout, 5 ib brook	
	Apples 2 th standards 90	
1	Apples, a lo standards	
1	CANNED FRUTS. 90	
	Chamies red standard 85@1.00	0
2	Domesons 1 00	1
	For Plums standards 1 40	
,	Egg Piums, standards	
j	Beech Gages, Standards & D	
2	Peaches, Extra renow	
0	Peaches, standards 1 60@1 95	
1	Cherries, red standard S5@1 0	
*	Pineapples, Erie	
	Pineappies, standards 1 50	
S	Quinces	
	Raspberries, extra	

 Quinces
 1 43

 Raspberries, extra
 1 10

 CANNED FRUITS—CALIFORNIA.
 Lusk's. Mariposa.

 Apricots
 2 25
 2 00

 Egg Plums
 2 10
 1 85

 Grapes
 2 10
 1 85

 Green Gages
 2 10
 1 85

 Pears
 2 65
 2 25

 Quinces
 2 75
 2 25

 Peaches
 2 55
 2 20

 Asparagus, Oyster Bay
 3 25

 Peaches
 255
 20

 CANNED VEGETABLES.
 3 25

 Asparagus, Oyster Bay
 3 25

 Beans, Lima, standard
 90@1 10

 Beans, Stringless, Erie
 80

 Beans, Lewis' Boston Baked
 1 65

 Corp. Trophy
 1 05

 " Red Seal
 90

 " Excelsior
 1 00

 Peas, French
 1 75

 Peas, Marrofat, standard
 1 60

 Peas, Beaver
 70

 Pumpkin, 3 b Golden
 85

 Succotash, standard
 90

 Tomatoes, Torphy
 1 05@1 10

 Tomatoes, Adrian
 1 05

 Tomatoes, Adrian
 1 05

 Tomatoes, Three Rivers
 1 05

 Michigan full cream
 11 @12

 Half skim
 9 @10½

 Skim
 CHOCOLATE

 Boston
 36|German Sweet
 25

 Baker's
 38|Vienna Sweet
 23

| Solace | S

KEROSENE OIL. Water White 12% | Legal Test Grand Haven, No. 8, square.
Grand Haven, No. 200, parlor
Grand Haven, No. 300, parlor.
Grand Haven, No. 7, round.
Oshkosh, No. 2
Oshkosh, No. 8
Swedish

Osinkosii, troit Swedish
Richardson's No. 8 square.
Richardson's No. 9 do
Richardson's No. 7½, round
Richardson's No. 7 do
MOLASSES. Black Strap.
Porto Rico.
New Orleans, good.

· OATMEAL.

Small.....PIPES. SALERATUS. | DeLand's pure | 5½ | Dwight's | 5½ | Church's | 5½ | Sea Foam | 5½ | Taylor's G. M | 5½ | Cap Sheaf | 5½ | ½ | cless in 5 box lots. 60 Pocket, F F Dairy
28 Pocket
100 3 b pockets
Saginaw or Manistee
Diamond C
Standard Coarse
Ashton, English, dairy, bu. bags
Ashton, English, dairy, 4 bu. bags
Higgins' English dairy bu. bags
American, dairy, ½ bu. bags
Röck, bushels
SAUCES. SALT. SAUCES. SAUCES.

Parisian, ½ pints.

Pepper Sauce, red small.

Pepper Sauce, green
Pepper Sauce, green, large ring.
Pepper Sauce, green, large ring.
Catsup, Tomato, pints.
Catsup, Tomato, quarts
Halford Sauce, ½ pints.

SPICES.

Ground.

Whole. Whole. Ground.

TOBACCO-FINE CUT-IN PAILS.

Big Drive.....Seal of Grand Rapids.....

Mackinaw
Horse Shoe
Hair Lifter
D. and D., black
McAlpin's Green Shield
Ace High, black
Sailors' Solace " 10 " 10" | 65
White, No. 1, ½ bbls | 65
White, No. 1, 12 b kits | 1 00
White, No. 1, 10 b kits | 85
White, Family, ½ bbls | 2 25

16 Zero 30 Holland Mixed.... Solid Comfort..... Red Clover..... Long Tom.... National

Spring...... Grayling Mackinaw.....

SAUFF.

Lorillard's American Gentlemen...

Maccoboy...

Gall & Ax'

Rappee.

Railroad Mills Scotch...

Lotzbeck

VINEGAR.

Star brand, pure eider.

STICK.

Putnam & Brooks quote as follows:
 Standard, 25 b boxes
 8½@9

 Twist, do
 9@ 9½

 Cut Loaf do
 10½@11

" Barcelona 10 @11
Walnuts, Grenoble 14 @14½
" Marbo.
" French 21
" California 212
Pecans, Texas, H. P 10 @13
" Missouri 9 @ 10
Cocoanuts, ₹ 100 @4 5 OYSTERS AND FISH.

@4 50

F. J. Dettenthaler quotes as follows:

MISCELLANEOUS.

Hemlock Bark—The local tanners are offering \$5 per cord delivered, cash.
Ginseng—Local dealers pay \$1.59@1.60 \$7 for clean washed roots.
Rubber Goods—Local jobbers are authorized to offer 40 and 5 per cent. off on standard goods and 40, 10 and 5 per cent. off on second quality.

COUNTRY PRODUCE.

Apples-Choice winter fruit is in good deand at \$1.75@\$1,90. Beans-Local buyers pay 50c@\$90 ₽ bu. for unpicked and hold ordinary hand-picked for

Butter-Michigan creamery is easy at 25@28. Sweet dairy is in sharp demand and firm at 16, while old is dull at 5@8c. Butterine-Creamery packed commands 20c.

Dairy rolls are held at 14@15c and solid packed at 12@14c. Cabbages—In fair demand at \$8@\$8 \$ 100. Cheese-The best grades of September, Oc-

tober and November make are selling at 11@ Cider-10c P gal. and \$1 for bbl. Celery-20@22e & doz. bunches for Kalama-

zoo or Grand Haven. Cranberries-The market is well supplied with both cultivated and wild Michigan and New Jersey berries, which command \$1.75@ \$2 P bu. for choice. Eggs-Fresh are firm at 20c, and pickled

are moving slowly at 17@18c. Honey-Choice new in comb is firm at 14c. Hay—Bailed is active and firm at \$16 per ton in two and five ton lots and \$14 in car lots.

Hops-Brewers pay 8@10c ₽ b. Lettuce-25c & tb. Onions-Home-grown, 70c & bu. or \$2 \$ bbl. Pop Corn-Choice new commands 21/2e 19 15

Potatoes-Burbanks command 42@43c. Late Rose are in only occasional demand at 30c on account of the "red streaks." Poultry-Fairly well supplied. Fowls sell for 10@11e; chickens, 11@12e; ducks, 13e; and

turkeys, 11c. Squash-Hubbard, quoted nominally at 1c ? th, although very little is moving. Sweet Potatoes-Jerseys command \$4.50 and Baltimores \$3.50.

Turnips-25e \$9 bu.

GRAINS AND MILLING PRODUCTS. Wheat-Lower. The city millers pay as follows: Lancaster, 83; Fulse, 80c; Clawson,

Corn-Jobbing generally at 44@45c in 100 bu. lots and 38@40e in earlots. Oats-White, 38c in small lots and 33@34c in car lots.

Rye-48@50e ₩ bu. Barley-Brewers pay \$1.25 \$1 cwt. Flour-No change. Fancy Patent, \$5.50 % bbl. in sacks and \$5.75 in wood. Straight, \$4.60 B

bbl. in sacks and \$4.80 in wood. Meal-Bolted, \$2.75 \$2 bbl. Mill Feed-Screenings, \$14 \$2 ton. Bran, \$14 \$ ton. Ships, \$15 \$ ton. Middlings, \$16 \$ ton. Corn and Oats, \$20 \$ ton.

BOYCOTTING A UNION.

A Singular Contest Now Underway in a Small Maine Village.

Norway, Me., Correspondence N. Y. San. This little village of 2,000 inhabitants, nestled amid the footbills of the White Moutains, is at present torn to the core with a labor struggle of a most singular aspect. The life of the town for thirteen years has day. been the big shoe factory of B. F. Spinney & Co. It came to bring prosperity to the villagers during the labor trouble in Lynn | week. in 1872. A good many other Lynn firms sent part of their business into exile at the same time, with the view of having two strings to their bows, by holding a shop at Lynn and matching it with one in the country. The country shops were usually built day, on his way to the Upper Peninsula. by the towns in which they were located, and were given, rent free, to the big firms, who occupied them under terms which forbade the formation of labor unions by the rustic operatives. So this factory came to R. Pierce, of Benton Harbor, on the road for Norway, and the village boys and girls, and the past three years was in town Monday. the farmer' sons and daughters found profitable work within it, and all prospered together for full ten years until the workers poses entering the nag for the spring races. became experts and drifted away to bigger and better factories, where their skill way business, succeeds Leo. A. Caro as brought better pay. In their stead came the representative for the Enterprise Cigar Co. professianal shoemaker, restless and with work for the most attainable money. He brought trade unionism with him, but it took no shape for several years, for the vil- with the old house, while Ed Frick and Ad. lagers crushed all incipient movements. Finally the Lasters' Union sent out from its ney, Shields & Co. Lynn headquarters about six months ago an order designed to drive all outside factories back to the shoe metropolis. It came to Norway, and the lasters formed a union at his traveling friends recently mistook the midnight and made a demand for a raise. animal for a mocking bird. The company's lease had expired, and it at once declared that if it must be governed by than in Norway. They gave notice to quit with a promptitude that brought horror to the trade in about two weeks. the Norwegian mind. The vallagers went on their knees to both the corporation and the lasters, offering even to buy out all the with Geo. F. Bassett & Co., of New York. The lasters refused to do so. Despair seized the people of the little town, and kept them larity. in misery for two weeks or more until an imprudent Lynn laster said that when the factories were once all back in Lynn the union would finish its work by pushing them to the wall until high wages were again obtained. This frightened the manufacturers, forward them on, either by mail or express, and the Messrs. Spinney turned again to to 38 South Division street. Norway, saying that if a shop were built of sufficient size they would desert Lynn at once and forever. The proposition was accepted, and a building that will accommodate 400 hands stands complete to-day ready for business. The company exacted that labor unions be crushed out in the town, and the town went to work to do it with ill- old home at Albion. advised recklessness. Every man who had joined the lasters' little band was thrown out of employment and boycotted in every a couple of days last week. possible way. Storekeepers declined to trust them and gave their accounts to lawyers to collect by the aid of a deputy sheriff, without a show of mercy. Many deserving fellows who but sought their rights suffered with the malcontents. Each man who dared to speak against this cruel system was ostracized with the rest, A Knight of Labor named Adams, who owned a store kins & Co. and witness the birth of the and restaurant, had the building he rented Hazeltine & Perkins Drug Co. purchased by John L. Horne, Freeland Cornelius A. Johnson, Secretary of the Re-Howe, H. M. Bearce, and W. H. Whitcomb, tail Grocers' Association, has gone to Ocala, out of doors, in an endeavor to drive him about six weeks in search of health and from town. No man who said a good word recreation. He is accompanied by Wm. for the lasters escaped. Even the local VanEtten. baker, an active youth named Rines, is now having his loaves boycotted for a too free expression of opinion.

In the mean time the Knights of Labor Master Workman Dutton and Massachu- but thinks not in Big Rapids. setts workmen have organized a lodge of a hundred or more and are laboring to increase to the "Lalse," a suburb a mile or more

Queerly enough the farmers are joining with them. They fought the coming of the Mr. Holt had a large circle of acquaintances shoe factory long ago, and were beaten, but here, having resided in Grand Rapids many have never ceased to hate it, and now they years previous to his removal to Cleveland, are getting even. Meetings are held every and was held in high esteem by those who night or two, and the heat of both parties is knew him. rising fast. The bitterness of feeling exhibited all around is something amazing. Neighbors are arrayed against neighbors and a machinery drummer, "because I can genthere is more than enough tinder ready for a erally get a letter through about as quickly. blaze. Few places can produce such en- If you send your messages 'collect,' the telthusiastic hatred as these New England egraph company will rush them and hurry towns, and Norway, by long practice, has their messengers out to get the money, but won a place at the top in the list of com- if they are prepaid they move very slowly. bative communities. It has fought destruc- I used to send prepaid messages but I got a tive battles over religion and politics; now lesson that cured me. I was in St. Louis it is trying labor. The lasters erred foolishand an Ohio miller who I had been figuring ly in the beginning, and now the townspeo- with on some machines, telegraphed me to ple are taking their turn. There is more meet him at the depot next morning. I was trouble ahead than peaceable people care to just leaving my hotel that morning when he think about. The new factory, though, is walked in. We shook hands, but I noticed filling up with the peasantry. Each wouldbe worker signs an ironclad oath not to join brief talk he said he supposed I had receivtrades unions before he can go to work, but ed his message, and was surprised when I the lasters bide their time.

The Knights of Labor are boycotting the Protective Union Store at Glencove, Long complained to the Knights of the injustice of the action taken. Three hands who had been discharged were arrested for dishonade from the works.

The Gripsack Brigade.

To Mr. and Mrs. McKay-a ten pound boy. Father and child both doing well.

John S. Williams, representing Senour &

Dick Warner now puts in every Wednesshould paste this reminder in their hats. G. L. Cole, representing the Pembroke

Knitting Co., Muskegon, was in town Mon-

ing about the same territory as formerly. Perley W. Hall, who has represented J.

2:36 roadster, and rumor has it that he pro-Wm. Hood, formerly engaged in the rail-

Sam. Lemon requests THE TRADESMAN but one idea, governing himself with the to state that the new firm in which he is a principle that he would do the least possible leading spirit wishes two "Jim-Dandy" traveling men.

Hub. Baker and L. L. Lomis will remain Morrison will unite their fortunes with Ol-

A. S. Doak is now the possessor of a handsome Maltese cat of the male persuasion, which he has taught to sing. Some of

L. W. Atkins, traveling representative for Heavenrich Bros., of Detroit, writes unions it were better to have it done in Lynn | The Tradesman that he is getting his spring line ready and will be out among

W. E. Cummings has left J. P. Smith, Son & Co., of Pittsburg, Pa., and signed latter if they would but vacate peaceably. He will cover the same territory as formerly and make his trips with accustomed regu-

> Geo. F. Owen has lost his door-key, in consequence of which misfortune he is compelled to crawl in and out the transom. Those of his friends who have spare keys on hand should improve this opportunity to

Purely Personal.

time among the city patrons of Cody, Ball & Co.

L. C. Handy, the Mancelona druggist, was in town last Friday, on his way to his

W. W. Barcus, manager of the Heap Earth Closet Co., of Muskegon, was in town

John B. Parker and Edward O. Ely, who manage the Boston end of the Peninsular Novelty Co., are in the city to attend the annual meeting of the stock holders of that

Capt. C. G. Perkins, of Henderson, Ky., is in the city again this week to assist in the obsequies of the firm of Hazeltine, Per-

Marion county, Florida, where he will spend

Big Rapids Herald: W. A. D. Rose has accepted a position with the Osterhout & Fox Lumber Co., of Grand Rapids, and will enter upon his duties about February first. have turned their attention to the town. Mr. Rose does not know his destination yet,

The funeral of the late Arthur J. Holt took place Friday afternoon from the resiits ranks. No thall could be hired for the dence of his aunt, Mrs. Friend, 633 South purpose in the village, so they went instead Lafayette street. The service was largely attended by members of the Royal Arcanum and also the Kent County Sportsman's Club. He was a member of both organizations.

How a Traveler Telegraphs. "I never send a prepaid telegram," said he was rather cool in his greating. After a told him I had not. Just then a messenger sauntered up to me and delivered the message. Suppose I had left the hotel, or left town-the miller would certainly have plac-Island, because of the discharge of an emed his order with some other establishment. ploye for dishonesty. The discharged man I tell you again, never send a prepaid message if you can avoid it."

esty. The store is deserted. It is owned on the docks of Lake Erie ports 1,048,940 in Scotland during the year 1885 amounts by the Duryea Starch Works and supported tons of iron ore, of which all but 130,000 1,003,562 tons, and the stock now on hand tons were sold.

There is no doubt that defects will be R. B. Orr recently picked up a flock of the law, even though it be passed as it now ing castings of all kinds, is obtained by the geese, which he has added to his menagerie. stands, but it is equally certain that any reduction of iron ores in the blast furnace, Leo. A. Caro was also one of the contrib- law which will be passed in relation to that and is handled under the name of pig-iron, utors to the Geo. Howen emergency fund. subject will prove in a measure defective, which varies greatly in chemical composition W. N. Ford, the more or less ubiquitous and the chances are that amendments, if according to the purpose for which it is inconsiderable experience in congressional fluid condition, Steel is the refined metal day at the house. Dick's country trade carefully prepared propositions. I have amount of oxide of iron and slag. The mi-D. S. Hatfield has engaged to travel for they were rendered almost unintelligible and the required chemical composition which is the Fuller & Fuller Co., of Chicago, cover- required the application of a wise discretion first cast in moulds and the castings heated W. G. Hawkins now holds the reins on a require explanation by the passage of an was known to the ancients; in our own

> the close of the Congress. Its provisions vance in its cost. embody the wisdom and learning of some of the ablest jurists in this country upon the subject at issue and it is, without doubt, as nearly perfect a collection of provisions and requirements in that direction as can be enacted into a law by such a ponderous body as our present House of Representatives, where three hundred and twenty-five opinions must be ventilated and at least a majority of that number must coincide.

I observe that business men universally send all their telegraphic matter possible over opposition lines—in other words, use the Western Union only when compelled to do so. Fvery jobber has a grievance against the Gould monopoly; and some of them swear that they will use the line only in case of death. A leading wholesale grocery house Fred. H. Ball now spends a portion of his has lately been the victim of one the Western Union's unnecessary mistakes. Fifteen caddies of a certain brand of plug tobacco were ordered by telegraph, and the poorlypaid, inefficient operator changed the order in transmission to fifty caddies. As it happened, the tobacco was not a good seller, and the house is consequently out a considerable item in the shape of interest. A bill was made out and presented to the local manager, which that self-important dignitary consigned to the waste basket. Such tyrannical methods serve to embitter the people against a monopoly so thoroughly disreputable as the Western Union Telegraph Co.

> Speaking of mistakes, reminds me of a dispatch Messrs. Hazeltine, Perkins & Co. recently sent their crack salesman, L. M. Mills. It was wired over the Western Union lines, and reached its destination addressed to "Ellen" Mills.

VISITING BUYERS.

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

O. Trumble, West Olive.
W. N. Hutchinson, Grant.
Joshua Colby, Rockford.
C. W. Skellenger, Rockford.
C. W. Skellenger, Rockford.
C. K. Hoyt, Hudsonville.
R. G. Smith, Wayland.
John Smith, Mayland.
John Smith, Mayland.
John Kamps, Zutphen.
Fred Voorhorst & Co., Overisel.
Gus Begman, Bauer.
Hoag & Judson, Cannonsburg.
E. W. Pickett, Wayland.
G. P. Stark, Cascade.
F. C. Stone, Cedar Springs.
G. B. Chambers, Cedar Springs.
G. B. Chambers, Cedar Springs.
Geo. N. Reynolds, Belmont.
Stanley Monroe, Berlin.
Norman Harris, Big Springs.
B. Gilbert & Co., Big Springs.
L. Cook, Bauer.
William Steele, Wyman.
A. C. Barkley, Crosby.
Mrs. J. DeBri, Byron Center.
Joe H. Spires, LeRoy.
Thos. Sourby, Rockford.
Jas. Barnes, Austerlitz.
William McMullen, Wood Lake.
B. M. Dennison, East Paris.
A. M. Church, Alpine.
Paine & Field, Englishville.
J. H. Anderson, Edgerton.
Smith & Field, Field Station.
Ryerson, Hills & Co., Muskegon.
W. S. Root, Tallmadge.
Hannah & Lay Mercantile Co., Traverse City.
Wm. Karsten, Beaver Dam.
J. C. Townsend, White Cloud.
L. C. Handy, Mancelona.
J. Levison, Traverse City.
J. Lucas, Manistee. O. Trumble, West Olive. W. N. Hutchinson, Grant. Levison, Traverse City. Lucas, Manistee. John Crispe, Plainwell. Neal McMillan, Rockford. Neal McMillan, Rockford.
G. P. Stark, Cascade.
Stitt Bros., Stittsville.
Walling Bros., Lamont.
J. F. Hacker, Corinth.
E. Wilson, Hopkins.
C. E. & S. J. Koon, Lisbon.
W. H. Hicks, Morley.
J. C. Benbow, Cannonsburg.
Mr. LaHuis, Herder & LaHuis, Zeeland.
Mr. Spencer, Spencer Bros., Belding. Mr. Spencer, Spencer Bros., Belding. John Jeannott, Diamond Lake. Geo. A. Sage, Rockford. Geo. Reed, Milton Junction. Nicholas Bouma, Fisher. H. H. Herrendeen, Kent City. Byron Ballou, Cadillac. J. R. Trask, Grattan.

A vein of iron ore has been found at Saltsburg, Pa., under the Conemaugh river, at a There remained at the close of navigation | depth of 400 feet. The product of pig iron is 384,995 tons.

Chas. V. Nash, Bravo

Steel and Steel Castings.

The raw material for the manufacture of found when it comes to an application of wrought iron and steel, and also for makplug tobacco man, was in town over Sun- adopted in many particulars, will prove tended. Wrought-iron is the refined iron Jennings, genuine. more injurious than beneficial. I have had from the pig-iron that does not occur in a Gedge, of Covington, Ky., was in town last matters and the result of it is a distrust of considerable experience in considerable the wisdom of ill-considered and hastily at- cast in moulds, and has one advantage over tached amendments to well-digested and wrought-iron by containing a very small seen plain and absolutely perfect measures croscope shows these two deteriorating imso distorted by the addition of ridiculous purities in large proportions, forming a amendments, attached more because of a mechanical mixture with the refined iron. desire to amend than to improve them, that Malleable iron is the same inevitable pig of rather than a strict construction in carrying in an oxodizing material that eliminates the out the provisions as enacted. It is not at excess of carbon that is always found in all an infrequent occurrence that measures pig-iron and renders it malleable. It is a are thus rendered entirely inoperative and matter of controversy whether or not steel amendatory measure defining the true mean- period it dates back only one hundred years, ing and intent of the previously enacted and Sheffield, England, the home of toolsteel, enjoys the distinction of location.

The manufacture of good crucible steel. The re-introduction of the measure known although largely dependent on manipulation, as the "Lowell Bill," providing a code of is due to the material used in it; in other proceedings in bankruptcy in the United words good crucible steel cannot be made States Courts, which was presented by Sen- from inferior material. For the best toolator Hoar at the commencement of the ses- steel the best material is required, and so sion of the Senate last month, indicates an far none has been found to approach the appreciation of the urgency of providing a celebrated brands of Swedish ores for this National bankrupt law for the relief of the purpose. By far the greater part of the business communities of the country and cost entering any tool is what is paid for the intention of this industrious Senator to labor, and in view of the many mishaps press for an early consideration of the sub- liable to occur, even under the most favorject. This measure was passed by the Sen- able conditions, the best steel should be ate during the Forty-eighth Congress, but it used as it is the most economical in the end, was left among the debris in the House at notwithstanding a comparatively slight ad-

New Use for Exhaust Steam.

From the Manistee Advocate.

At Wheeler, Magill & Co.'s salt block condensed steam has been turned to account for the past two or three weeks with satisfactory results. The firm having occasionally had trouble about getting a sufficient supply of brine for their salt block from their Cold..... Barton's Socket Firmers.....net well, decided to run the water from the condensed steam into the well. As the water was perfectly pure, they concluded it could do no injury to the brine, and possibly remdo no injury to the brine, and possibly remedy the trouble. The results of the experiments are that the supply is increased and remainder the supply is increased and remainde the brine pumped out of the well into the cisterns is of a uniform temperature of about 130 degrees, or about as warm as the hand can be immersed in. The advantages gained are that a greater part of the gypsum is precipitated in the cistern, and the brine reaches a state of saturation quicker in the settlers and goes to the grainers sooner, aimost free from impurities.

The late Deputy Salt Inspector, C. F. Johnson, and Mr. Hildreth, of East Saginaw, were working on a device last spring sum would be deposited there, instead of being carried into the "settlers." The plan being carried into the "settlers." The plan

fairly begins. The association of the bolt, nut and washer manufacturers quote the following revised and advanced discounts:

Machine Bolts dis. 75&5
Bolt Ends dis. 75&5
Boor, porcelain, jap. trimmings 3 50, d 66% & 10
Boor, porcelain, plated trimmings dist, 10 15, dis 66% & 10
Boor, porcelain, plated trimmings dist, 10 15, dis 66% & 10
Boor, porcelain, trimmings list, 10 5, dis 66% & 10
Boor, porcelain, trimmings list, 10 5, dis 66% & 10
Boor, porcelain, trimmings list, 10 5, dis 66% & 10
Boor, porcelain, dis. 70
Boor, porcelain, dis. 70
Boor, porcelain, trimmings list, 10 5, dis 66% & 10
Boor, porcelain, dis. 70
Boor, porcelain, dis. 70
Boor, porcelain, dis. 70
Boor, porcelain, trimmings list, 10 5, dis 66% & 10
Boor, porcelain, dis. 70
Boor, porcelain, dis. 70
Boor, porcelain, dis. 70
Boor, porcelain, trimmings list, 10 5, dis. 66% & 10
Boor, porcelain, dis. 70
Boor, porcelain, di

WHOLESALE PRICE CURRENT.

These prices are for cash buyers, who pay romptly and buy in full packages. AUGERS AND BITS. dis40&10 dis 25 dis50&10 BALANCES. Railroad
 Hand
 dis

 Cow
 dis

 Call
 dis

 Gong
 dis
 30&15 60&10dis

BUTTS, CAST. CAPS.

CATRIDGES.

Rim Fire, U. M. C. & Winchester new list50&10
Rim Fire, United States. dis50&10
Central Fire dis40&10
CHISELS. COMBS.
 Curry, Lawrence's
 dis 40&10

 Hotchkiss
 dis 25

 COCKS.
 COCKS.
 COPPER. Planished, 14 oz cut to size..... 14x52, 14x56, 14 x60.

Cold Rolled, 14x56 and 14x60.

Cold Rolled, 14x48.

DRILLS Morse's Bit Stock. dis Taper and Straight Shank dis Morse's Taper Shank dis Morse's Bit Stock.
 Com. 4 piece, 6 in.
 doz net \$.85

 Corrugated
 dis 20%10

 Adjustable
 dis 3%210
 Com. 4 piece, 6 in. EXPANSIVE BITS.

Clar's, small, \$18.00; large, \$25.00. dis

Ives', 1, \$18.00; 2, \$24.00; 3, \$30.00. dis

FILES—New List.

American File Association List....dis to employ the exhaust steam to attain the same result. Their plan was to run the exhaust into a large pipe that should enclose the pipe that carried the brine from the well to the cisterns, the object being to heat the bring before reaching the cistern so the gyp-

PATENT FLANISAED IRON.

"A" Wood's patent planished, Nos. 24 t
"B" Wood's pat. planished, Nos. 25 to
Broken packs ½c % boxtra.

ROOFING PLATES.

IC, 14x20, choice Charcoal Terne.
IX, 14x20, choice Charcoal Terne.
IX, 20x28, choice Charcoal Terne.
IX, 20x28, choice Charcoal Terne.
Sisal, ½ ln. and larger. Steel and Iron dis
Try and Bevels dis
Mitre dis
SHEET IRON.
Com. Smooth. In casks of 600 Ds, F D..... No. 1, Reflued.
Market Half-and No. 1, Refined. Market Half-and-half. Strictly Half-and-half. Harrand-hall
TIN PLATES.
Cards for Charcoals, \$6 75.
10x14, Charcoal.
10x14, Charcoal.
12x12, Charcoal.
12x12, Charcoal. | Bright Market | dis60&16&5
| Annealed Market | dis 70
| Coppered Market | dis 55&10
| Extra Balling | dis 55
| Tinned Market | dis 40 Tinned Broom.
Tinned Mattress.
 Bright
 dis
 70&10&10

 Şerew Eyes
 dis
 70&10&10

 Hook's
 dis
 70&10&10

 Gate Hooks and Eyes
 dis
 70&10&10
 Bright . WRENCHES.
Baxter's Adjustable, nickeled......

Coe's Genuine dis 60 Coe's Patent Agricultural, wrought, dis 75&10 Coe's Patent, malleable dis 75&10&10 MISCELLANEOUS.

 Bird Cages
 50

 Pumps, Clstern
 dis 70&10

 Screws, new list
 75&10

 Casters, Bed and Plate
 dis50&10&10

 Democracy American
 4
 Dampers, American 40&10
Forks, hoes, rakes and all steel goods 60&10&5
Copper Bottoms 19c

LUMBER, LATH AND SHINGLES.

The Newaygo Manufacturing Co. quote f. o. Uppers, 1 inch.

Uppers, 14nen. per M Uppers, 144, 1½ and 2 inch. Selects, 1 inch. Selects, 144, 1½ and 2 inch. Fine Common, 1 inch. A and B Strips, 4 or 6 in C Strips, 4 or 6 inch... No. 1 Fencing, all lengths... No. 2 Fencing, 12, 14 and 18 feet.... 40 No. 2 Fencing, 4 inch.

| Stanley Rule and Level On. | Stanley Rule a

| Cork |

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.

The Michigan Tradesman.

Choice of Life's Pursuits.

There is nothing more noticeable in the economies of time than the wasted and unused forces of nature and life. The world is everywhere full of hidden powers, ready to enrich and aid man and all animal life, in the struggle for existence and happiness. The air, with all its invigorating powers, only awaits the knowledge of man to properly use it-from the electric bolt to the smallest drop of dew-while the earth is filled with minerals of inestimable wealth the storage of unnumbered cycles of centuries of time.

It is only man's ignorance that locks up these grand powers of the universe. Doubtless had man the requisite knowledge of nature's forces, where they lay and how to use them, all poverty and sufferings therefrom could at once be relieved, and what is called disease, could be exterminated entirely from the human race, or greatly mitigat-

These buried, and therefore wasted, forces are not confined to the material powers of the world; but the same waste is constantly going on among the intellectual and spiritual forces of man. Scarcely a man ever used all of his physical, intellectual and spiritual powers, or any of them to their fullest extent. What a world would this be, if even a majority of the powers of man were brought into practical uses and exercise! Luxury, wealth, magnificence and splendor undreamed of now would take the places of wretchedness, squalor and poverty. And the world would be full of the achievements of men in every department of art, science, literature and highest expressions of a nobler civilzation.

But the limitations now upon us, are not always necessary. The failures of men are largely attributable to their choice of a business or occupation for life that will call into highest, and pleasurable exercise their own powers.

One of the saddest sights to the observant mind, is the vast throng of purposeless, drifting middle aged men and women, who have whiled away in inactivity, or uncertain fugitive and unwise efforts, the prime of life, and are left floating on the rough surface of current events, wistfully waiting for something better to turn up.

And how very few of this ever increasing multitude are able to gather up in the later years of life anything noble, useful or beautiful for the autumn and the winter of life.

While admitting that the choice of life's pursuits is most important and difficult to make, and is often determined by circumstances, more than by a definite choice, yet life's noblest results cannot be reached, save by the most judicious forethought, prepara tion, and careful application of our powers to reach the proposed ends in view. Large responsibility rests on parents, guardians and teachers in directing the young in the choice of the ends to be reached in after life, and in insisting upon some choice of an honorable and worthy calling for the whole life.

In our age and country there is scarcely any calling, which, if faithfully and persistently followed, will not lead to affluence, independence and consequent happiness.

It does not matter so much what the calling for life is, if honorable, as the manner the best results. The young, the restless and impatient, find it hard to submit to the needful effort to overcome the details of every business and calling in life, which is in which it is pursued, in order to lead to

and will use their powers, under wisely arranged and vigorously executed plans of life, are the greatest benefactors of the race.

An Odd Competition.

An odd bit comes from far away Odessa. It appears that a new cemetery is about to be opened near that city and that two Greek merchants, each anxious to secure the most comfortable or most distinguised resting place, were allowed by some official blunder to buy the same allotment. When the mistake was discovered neither would yield his claim, and the matter was referred to the district judge. Greek had met Greek, and the tug of war had threatened to be severe, when the magistrate, with astuteness worthy of Solomon, arranged the matter in the simpliest way possible by applying the rule "first come first served," and suggesting that whichever died first should have the right to the coveted resting place. The parties went away reconciled and happy. It is not stated whether they had to find sureties to guarantee that neither would take an unfair advantage of the other by committing suicide.

"When women make bread," said an unhenpecked married man, as he was moralizing over an underdone biscuit at the breakfast table the other morning-"when women make bread, a curious phenomenon often results; you find a little dear bringing forth a little dough."

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every business and calling in life, which is worthy of their aspirations. The child desires to commence where the parent leaves off, and is unwilling to travel the long and toilsome road that has led the parent to success.

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