

Iron, Castings, Fire Brick &c.

REIS, BROWN & BERGER,
NEWCASTLE, PENN.,

MANUFACTURERS OF

BAR, BAND AND SHEET

IRON,

Cut Nails, Wrought Spikes

12-lb., 16-lb 20-lb., and 35-lb. T Rails.

FOUNDRY AND FORGE PIG IRON.

Price List sent on application.

SHENANGO FIRE BRICK Co.,
NEWCASTLE, PENN.

Manufacturers of the CELEBRATED

"Shenango" Brand

OF

FIRE BRICK

AND

Prepared Clay,

FOR BOTTOMS, HEARTHES, AND BOSHEES OF BLAST FURNACES.

CAPACITY, 10,000 BRICKS PER DAY.

Having lately completed the most extensive works in the West, we are prepared to fill orders immediately or receipt. The superiority of these Brick over any other is so well established that we refrain from entering into comparison.

The following firms in this district have used them largely:

JACKSON IRON CO., FOX RIVER IRON CO.,
BAY FURNACE, APPLETON IRON CO.,
BANCROFT IRON CO., MORGAN IRON CO.,
DEER LAKE IRON CO.

While in the Shenango Valley, Pa., they are in almost universal use.

Orders respectfully solicited.

A. B. BERGER, President. GEO. L. REIS, Secretary
D. McCONNELL, Superintendent.

NEWCASTLE

Manufacturing Company,

NEWCASTLE, PENN.,

Manufacturers of

ROLLING MILL AND

BLAST ENGINES

Of all sizes on the most approved plans.

Castings

OF ALL KINDS FOR

ROLLING MILLS AND BLAST FURNACES, INCLUDING ROLLS, PINIONS, HOUSING, SQUEEZERS, ORE AND CLAY GRINDERS, COLUMNS, BELLS AND HOPPERS, &c., &c. BRASS CASTINGS, &c., &c.

AGENTS FOR

Judson's Patent Governor

Dealers in

WROUGHT IRON GAS AND WATER PIPE FITTINGS,

VALVES, GAUGES, WHISTLES, &c.

Our Machine Shop and Foundry is one of the best in the State, and we are prepared to do any kind of work in first-class style on short notice.

We have lately completed arrangements for making the

Ford Patent Hot Blast,

Which is superior to any now in use in this country. Drawings and specifications furnished on application. We also manufacture

BOLTS, NUTS AND WASHERS.

Marquette Business Directory.

THE BURT
Free Stone Company,
OF MARQUETTE, MICH.,

From their quarry and mill will furnish Brown Free Stone, Variegated Free Stone and Mottled Free Stone, either in blocks or sawed into ashlar, plat ornaments, water table, columns, caps, sills, slabs, &c. We will deliver stone on the cars or on the docks in this city. Send for price list. W. L. BURT, Treasurer.
March 28th, 1874. 297m3

RICHARD FREEMAN,
BLACKSMITH
AND
Wagon-Maker.

All kinds of Repairing done in a prompt and workmanlike manner. Particular attention paid to Horseshoeing. Shop on Superior street opposite the Jail. 297-318

H. A. DOWNS,
FIRE AND MARINE
INSURANCE AGENT
MARQUETTE, - - MICHIGAN,

Represents eight of the best Fire and Marine Insurance Companies in the world, with an aggregate capital of over \$20,000,000.
Office in Marquette Manufacturing Company's building, Marquette, Mich. 298m3

H. GREGORY & CO.,
GENERAL UNDERTAKERS,

Wholesale and Retail dealers in Crane, Bred & Co's Patent Metallic Burial Cases and Caskets of Cincinnati, Ohio, and Fish's Patent Burial Cases and Caskets, of New York, also Black Walnut and Rosewood Cases, Caskets and Coffins, trimmed and untrimmed, and all kinds of Emblems for secret Orders. All kinds of Undertakers' Goods always on hand. Parties who are so unfortunate as to need our services can depend upon receiving prompt attention, with first-class articles at reasonable prices. Our services can be procured after business hours by applying to the watchman at our factory, or at the residence of H. Gregory, No. 123 Ridge street. All orders from the mines or furnaces, by telegraph or otherwise, will receive immediate attention and forwarded on the first train. Special attention paid to removals and shipments to any part of the country. Horses and carriages furnished for funerals. 293-316

Cleveland Business Directory.

O. A. CHILDS & CO.,
MANUFACTURERS OF HAND MADE
Boots and Shoes,

111 and 113 Water Street, Cleveland, Ohio.
Manufacturers at Lynn and Webster, Mass. We pay special attention to mining and all classes of goods adapted to Lake Superior trade, as well as all description of over shoes and rubber goods, at manufacturers' prices. 291-303

EDWARDS, TOWNSEND & CO.,
WHOLESALE GROCERS,
NUMBERS 151 AND 153, - WATER STREET,
Wm. Edwards, }
Amos Townsend, } CLEVELAND, OHIO. 294-316
J. Burton Parsons. }

C. E. BINGHAM & CO.,
COMMISSION DEALERS IN
PIG IRON AND IRON ORE,
Office and Yard, 25 West Main Street,
CLEVELAND, OHIO.
C. E. BINGHAM. 291-6m C. F. BAUSH

BARRETT & RHODES,
Wholesale dealers in
Bituminous Coal,
And manufacturers of
DOVER FIRE BRICK,
CLEVELAND, OHIO. 296-307

W. M. BINGHAM & CO.,
HARDWARE,
IRON, NAILS AND METALS - RAILWAY AND MINING SUPPLIES.
148 AND 150 - WATER STREET,
W. Bingham, H. C. Blossom, }
J. E. Greene, F. E. Thomas. } CLEVELAND, OHIO. 293-304

Detroit Business Directory.

W. D. ROBINSON, BURTENSHAW & CO.,
Manufacturers and wholesale dealers in
Boots and Shoes,
Special attention given to Lake Superior trade. Orders promptly executed on as favorable terms as any other house East or West.
73 JEFFERSON AVENUE, DETROIT, MICH. 2-7-346

JOHN J. BAGLEY & CO.,
MANUFACTURERS OF
MAY FLOWER
CHEWING TOBACCO,
And all kinds of Smoking Tobacco,
Dealers in Pipes, Snuffs, Cigars, &c.
J. J. BAGLEY, }
EDWIN BUTTERFIELD, } 260-311 DETROIT, MICH.
SAMUEL F. HODGE,

Michigan Iron Foundry,
DETROIT, MICH.,

Manufacturer of High and Low Pressure Steam Engines, for Boats, Mills, Stamping, Pumping and Hoisting purposes.

MINING MACHINERY
A SPECIALTY. 288y1

PRENTISS, BROTHERS & CO.,
WHOLESALE
HARDWARE,
33 WOODWARD AVE., DETROIT.
Agents for Union Iron Company.
Manufacturers of
SHAFTING, WROUGHT BEAMS AND BAR IRON.
ALSO AGENTS FOR MIDVALE STEEL WORKS,
Manufacturers of extra quality of
TOOL AND DRILL STEEL.
We make a specialty of Hardware and Mining Supplies
SOLON PRENTISS, }
JAMES W. WOOD. } 292-303
GEO. PRENTISS, }
L. H. CHAMBERLAIN. }

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Detroit Business Directory.

D. MALLORY & CO.,
Wholesale dealers in Raw, Cove and Spiced
OYSTERS,
Canned Fruits and Vegetables, Foreign and Domestic
Dried Fruits, Pickles, Catsups, Lobsters, Sardines, &c.
No. 79 Jefferson Avenue, - [251-205] - DETROIT

BUCKLEY & CO.,
Produce, Commission and Shipping Merchants,
DEALERS IN SALT, LIME, FISH AND
All kinds Mining Supplies,
FIRE-PROOF WAREHOUSE,
FOOT OF FIRST STREET, DETROIT, MICH. 262 310

MOORE, FOOTE & CO.,
WHOLESALE DEALERS IN
GROCERIES, PROVISIONS,
LAKE SUPERIOR SUPPLIES,
Paints, Oils, White Fish and Trout, Twine,
Cordage, Powder, &c.,
FOOT OF CASS STREET,
F. MOORE, }
GEO. FOOTE, } 250-302 DETROIT, MICH.
GEO. F. BAGLEY, }

BEATTY, FITZSIMONS & CO.,
Importers and wholesale dealers in
TEAS,
SYRUPS, SUGARS, COFFEES,
Fish, Fruits, Canned Goods,
WOODEN WARE, CORDAGE, PAINTS, &c.

200 and 202 JEFFERSON AVENUE, }
(Near Woodward Avenue.) }
Particular attention paid to orders by mail. }
We have no traveling agents. } 297m3

JOHN HEFFRON,
Importer and Wholesale Dealer in Foreign and Domestic

FRUITS!
COVE OYSTERS AND CAN GOODS
OF ALL KINDS.
Pickles, Sauces, &c.

218 JEFFERSON AVE., DETROIT MICH.

Chicago Business Directory.

EAGLE WORKS
Manufacturing Company,
Will furnish Engines, Boilers, Mining Machinery, and all kinds of goods in the Machinery line. Send for descriptive circular.
OFFICE, 48 CANAL STREET, } 295
P. W. GATES, President, } m3 CHICAGO.

RHODES & BRADLEY,
DEALERS IN
PIG IRON,
COAL AND IRON ORES.
OFFICE 154 WASHINGTON ST., }
NEAR LA SALLE DOCK } CHICAGO.
ILLINOIS CENTRAL RAIL- }
ROAD SLIPS, } 251-302

JAS. B. GOODMAN & CO.,
73 DEARBORN ST., CHICAGO,

DEALERS IN
IRON LANDS,
Chacoal Timber Lands, Pine Lands.
Have for sale 120,000 acres, in quantities to suit. Splendid hardwood selections along the line of the Chicago and North western Railway in Menominee County, and on the Menominee Iron Ranges. First-class Pine Lands tributary to Menominee and other streams in Marquette and Menominee counties, Michigan. Also dealers in Chicago Real Estate. 292y1.

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PIG IRON,
RAILS AND IRON ORES.
NO. 92 WASHINGTON ST.,
CHICAGO, [251-302] - ILLINOIS

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DEWILDE & CO.,
IMPORTERS OF
Rhine and Moselle Wines,
Clarets, Brandies, Champagnes,
And dealers in Fine Kentucky Bourbon and Rye Whiskies.
Nos. 33 and 35 WEST MADISON STREET, }
CHICAGO. }
Orders for direct importation carefully attended to. }
A. DEWILDE. } C. MICHELLE. }
259y1

Miscellaneous Directory.

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Architect,
CIVIL AND MECHANICAL ENGINEER,
AND DRAUGHTSMAN,
WASHINGTON STREET. 256y1
Green Bay, Wis.

KIRBY HOUSE,
MILWAUKEE, WIS.,
KIRBY & CHASE, Proprietors.
Kirby has gone back to the Kirby House. He wants customers for good living and clean beds, at ONLY \$2.50 PER DAY.
Editors and clergymen at one-half rates. 296m3

C. M. BOSS,
Mining and Topographical
ENGINEER.
MICHIGAN, (I. S.) MICHIGAN.
Attention paid to examination of lands for Mineral or Timber. References given. 298y1

J. M. WHITE,
ARCHITECT AND CONSTRUCTOR
OF
CHARCOAL
BLAST FURNACES.
Plans, specifications and estimates of construction furnished upon application. Address: FOND DU LAC, WIS. 295m5


F. W. BULLARD,
MANUFACTURER OF
FLOUR SACKS
AND
PAPER BAGS.
Agent for Minneapolis Cotton Mills' SEAMLESS SACKS
MINNEAPOLIS, - [296m3] - MINN.

FIRE BRICK.
For Blast Furnace, Rolling Mill and all purposes.
Manufactured exclusively of the
BEST NEW JERSEY CLAYS.
Address HALL & SON, Buffalo, N. Y., or
A. HALL & SON, Perth Amboy, N. J. 297-318

WATSON FIRE BRICK MANUFACTORY.
ESTABLISHED 1836.
JOHN R. WATSON,
PERTH AMBOY, - NEW JERSEY,
Manufacturer of
FIRE BRICK,
For Rolling Mills, Blast Furnaces, Foundries, Gas Works, Lime Kilns, Tanneries, Boiler and Grate Setting, Glass Works, &c.
Fire Clays, Fire Sand and Kaolin for sale. 279-330

Miscellaneous.

FRANKLIN BREWERY.
GEORGE RUBLEIN, Proprietor.



THE BEST OF
LAGER BEER
AND
Present Use Ale,
Always on hand, and delivered to any of the stations on the line of the Marquette, Houghton Ontonagon Railroad, at the lowest cash prices. 249-301

BAIRD'S BOOKS
For Practical Men.
My new revised and enlarged catalogue of PRACTICAL AND SCIENTIFIC BOOKS, 96 pages, 8 vo., will be sent, free of postage, to any one who will favor me with his address.
HENRY CAREY BAIRD,
Industrial Publisher, 406 Walnut st.,
292m3 PHILADELPHIA.

SAFES
BANK LOCKS, VAULT WORK
HALL'S SAFE & LOCK CO.
JAMES PICKANDS & CO., AGENTS,
MARQUETTE, MICH. 294-306

Chicago Business Directory.

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Clarets, Brandies, Champagnes,
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HALL'S SAFE & LOCK CO.
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Insurance.

\$100,000,000

PETER WHITE

INSURANCE DEPARTMENT.

The Phenix Insurance Company of Hartford, Conn. \$1,800,000

The Home Insurance Company of New York. \$5,000,000

The North British and Mercantile Insurance Company. \$10,000,000

The Underwriter's Agency of New York. \$4,000,000

The Aetna Insurance Company of Hartford, Conn. \$6,000,000

The Insurance Company of North America, of Philadelphia. \$5,000,000

The Hartford Fire Insurance Company of Hartford, Conn. \$2,000,000

The Connecticut Mutual Life Insurance Company of Hartford, Conn. \$20,000,000

The Mutual Life Insurance Company of New York. \$10,000,000

The Universal Life Insurance Company of New York. \$800,000

PETER WHITE, AGENT

For all the Reliable

FIRE, MARINE AND LIFE INSURANCE COMPANIES IN THE WORLD.

The Liverpool, London and Globe Insurance Companies \$18,500,000

The Detroit Fire and Marine Insurance Company, of Detroit, Mich. \$270,000

The Traveler's Life and Accident Insurance Company of Hartford, Conn. \$1,500,000

Hardware and Mining Supplies.

JAS. PICKANDS & CO.,
Wholesale and Retail Dealers in

Heavy Hardware,
RAILWAY AND
MINING SUPPLIES.

Bar Iron, Boiler Plate, Sheet, Hammered and Swedes' Iron, Black Diamond Drill Steel, Sanderson Bros. & Co.'s Drill Steel, Naylor's Drill Steel, Bar, Plate Blister and Sleigh Shoe Steel.

Crow Bars,

Sledges, Striking Hammers, Railroad Picks, Miners' Picks, Pull Picks; Pick, Sledge and Hammer Handles; Ames' Patent Welded and Strap-back Shovels, Nails and Spikes, Nuts, Washers, Boiler Rivets, Horse Shoes all Rod, Pig Lead, Tin and Copper.

Axes!

Rabbit Metal Solder, Antimony and Spelter; Sand Barrows, Blocks and Cordage, Wire Rope, Rubber Hose and Packing, Leather Belting, Oils, Leads

Varnish!

Chemical Paints—all colors—Dry and Oil Colors; Brushes, Gas Pipe and Fittings, Gas and Steam Fittings, Blacksmiths' Tools, &c., &c.

AGENTS FOR
HALL & CO.'S FIRE-PROOF SAFES, FAIRBANK'S UNITED STATES STANDARD SCALES, EARL'S STRAM PUMPS, MERRIAM & MORGAN'S LUBRICATING OILS, FIRE BRICK AND CLAY.

Dealers in
Hard and Soft Coal.

ISHPEMING.

AMHEEK LODGE No. 150-I. O. O. F.-F. Blackwell, N. G.; F. W. Richards, Secretary. Meetings held on Friday evenings.

EXCELSIOR ENCAMPMENT No. 33.-S. E. Osborne, H. F. Meetings held on the first and third Mondays of each month.

ISHPEMING LODGE, U. D. F. & A. M.-Regular communications Thursday on or before the full moon. D. E. WADSWORTH, Sec'y. P. T. TRACY, W. M.

ISHPEMING MECHANICS' AND LABORERS' BENEFICIAL SOCIETY-Regular meetings first Saturday of each month, at 7:30 P. M., in the upper room of the M. E. church. All nationalities invited to join. J. ALLEN, Sec. THOS. HARPER, Pres.

WANTED.-A good printer, at this office immediately, to whom good wages and steady employment will be given.

ROPES computes his sales of candy each year by tons.

JENKS, what did you want to fall in the water for, anyway?

THERE have been no accidents worthy of note during the past week.

The first meeting of the new County Board will take place on Monday next.

It is rumored that R. Nelson, Esq., intends opening up a village site on the Saginaw location.

No one has yet seen the Fire Department on parade. Turn out, boys, and show yourselves.

We would call the attention of our readers to the advertisement of Mr. Frank Bourke, in another column.

RES. J. B. ANDREWS, the new Presbyterian minister, has arrived and will enter upon his duties at once.

FIREMEN'S Hall was so flooded with water on Tuesday that members had to scull themselves in on rafts.

ON Tuesday last several houses in the southern part of the city were flooded with water, caused by the thaw.

MR. J. H. DALLIBA has been transferred from the office of the Cleveland Mining Co. here to their office in Marquette.

GREAT things are expected when the ladies secure the long sought for ballot. We expect huge reform immediately.

"WAD," our new Mayor, don't put on any Mayoralty airs at all. It is hard to tell him from any other good man.

The Lake Superior Mining Company have paid out a large amount of money to their men during the past week.

MERCHANTS say that business is getting worse instead of better, but that must be expected just at this time of the year.

We learn with pleasure that Mr. John Outhwaite intends removing from Marquette to this place. Welcome back, John.

J. F. ALLEN, of Humboldt, rejoices in the possession of a new buggy, which he says has eighteen coats of paint on it, and he won't come down one coat.

SAM RICE says that he is going to have the moss billiard hall of Lake Superior. It is going to be in McKay's new block, and will be opened in a few weeks.

WARD & JENKS are trustees for a considerable amount of money to be used for the erection of baths in this place. When complete one need not fear the hematite dust for which this county is so notorious.

HEWITT'S Hotel is rapidly approaching completion. Furniture has been moved into part of it, and the rest of the building will be finished in about six weeks. It will contain fifty rooms, and will fill a want that has been much felt here.

The Iron Herald has altogether discarded its Ishpeiming column, probably because of our lack of agricultural interests. We are at a loss to know what it will fill its columns with when it gets through with its Healy-Swineford controversy.

The Cleveland Mining Company have got out 315,000 feet of logs, and intend starting their mill very soon. It is a Blandy, and has sawed as high as ten thousand feet in a day. Last year they had about as many logs, and consumed nearly all the lumber themselves.

SECTION 19.-I have heard it said that it is dangerous to meddle with edged tools, and begin to think it is equally dangerous to write up a local item for a home paper, in the manner in which one of my items was "dissected" and commented upon last week by a writer for the Iron Home; and still, withal, I feel flattered that my notes are noticed by some one, and that one of my items was copied for the first issue of the Iron Home, even if it was only to find fault with it.

In answer to the query in the Home, and in order to tell the "whole story," as the writer of the query plainly intimates I should do, I will claim space to define particularly where that "number of men worked," &c.

As near as I can learn, only one from the New England belonged to the number-he has worked at the Saginaw part of the winter, and works there now. Two from the Superior worked at the Saginaw up to the middle of February, when one was taken sick, and the other went to the Saginaw to live. Out of the total number of 21 men which belongs to the Goodrich, four of them were away part of the winter, and two of them worked at the Saginaw the balance of the time. Five more of the Goodrich men worked at the Albion from the first of last November, and seven more were taken on in January, and are still working there; and I presume they all paid their doctor's fee, and probably the Home correspondent can make a good guess as to whom it was paid.

As to insinuations, I did not make any-did not even hint an insinuation of a Tammany ring or anything similar to it, as being in existence in connection with the physicians' corps or mining companies, either here or anywhere else.

I am well aware that "medical care free gratis" is not in the "programme of mining proceedings," and that the practice of medicine (in the great majority of cases) is not pursued from any feelings of phil-

anthropy, but simply because like any other "business" it pays; and I think as a general thing, on Lake Superior, it pays pretty fat dividends-to mining physicians.

I am also aware-without the instruction so kindly given to "Ricks"-that mining employes are taxed at the rate of a dollar a month, but never had the opportunity to learn by what right this tax is levied, unless it is that of custom, that in some cases married men are taxed \$1.50 per month, and that if an employe only works from two to five days in a month, he is charged the regular fee for a whole month. To cite a case, last month a man that chopped 3 1/2 cords of culled hard wood, at 80 cents a cord, was charged a dollar, leaving him a credit of only \$1.80 for two to three days hard labor.

The person that received the false impression from my item, and who took exceptions to it, I trust will be satisfied with the explanation and itemizing of the "whole story." But why be so indignant, when in the last part of his comments he acknowledges that the lack of supply of the medicinal fund explains why patients did not get treatment gratis.

Doctor Heaton was around this week on foot-back attending to his patients, the roads not being in a condition for cutter or buggy.

Seymour Johnson, Esq., accountant for the Lake Superior Mining Company, visited the new Superior on the 11th inst., and paid off all the employes of the company up to the first. That is the kind, gentlemen. Store orders, &c., are not always satisfactory, and a change from them is generally agreeable.

The Saginaw Company have raised the first story of a five thousand dollar shaft house, over the skip road in shaft No. 2, from which they will soon commence hoisting.

Our annual township election of last week was rather a tame affair, there not being opposition enough to make it interesting. In the afternoon the Shaketown candidates (only three in number) rallied their forces and made a feeble charge on the polls, but only succeeded in polling a small number of votes, as a meeting among their own followers caused a split, to the advantage of the Shaketown ticket, which came out ahead.

Our community is bothered with a nuisance, in the shape of a biped that measures six feet in height and weighs in the neighborhood of 180 lbs.-a great, strong, robust man, who is apparently well able to swing a twenty-five pound sledge without any inconvenience. He is too lazy to work, and may be too honest to steal (I shouldn't like to trust him), but is not a bit too proud to beg. The blush of humiliated pride fails to mantle his noble brow when he whines for grub; in fact his "check" is extensive, and only needs cultivation to make it perfect. He intends visiting Marquette as soon as his exchequer is replenished by some charitable person, to try his persuasive powers on the county superintendent of the poor. Look out for him, C. M. W.

A knight of the hammer who canvassed for votes previous to the election, with happy matrimonial prospects in anticipation for the future, is so sadly disappointed that he meditates suicide, because an intended relation by the law put a veto on his calculations.

The little Albion is still working a full force and doing well, though at present troubled considerably by surface water. No. 1 shaft, at the east end of the mine, is down to the depth of seventy feet, the last twenty feet going through a vein of hard hematite. At the west end, No. 2 is down twenty-three feet, striking the continuation of hematite vein from No. 1, it appearing to be of a superior quality. A drift from No. 2 has been driven north eighty feet, through soft rock and small seams of mixed ore. Their best stop, with a ten foot face, is also from No. 2, going east to No. 1. There is considerable ore in the stock pile, and the prospect for more is good. Yours, &c., RICKS.

BUSINESS NOTICES.

FOR SALE, on liberal terms, House No. 52 and lot, corner of First and Pearl streets. Apply at house. C. P. LARSON & CO. Ishpeiming, March 25, 1874. 297w4

Ishpeiming Advertisements.

At Emery's Gallery, ISHPEMING, Chromos, Albums

OVAL AND SQUARE FRAMES, In great variety. Also

LARGE AND SMALL FRAMES MADE TO ORDER.

Choice assortment of Mouldings constantly on hand and for sale. 278y1

ISHPEMING BANK, ISHPEMING, MICH. ROBERT NELSON, H. E. HAYDON. D. F. WADSWORTH, Cashier.

Interest paid on deposits of \$5 and upwards. Prompt attention given to collections. Drafts sold on all principal cities of Europe and the United States. 251-302

THE DAVIS VERTICAL FEED Sewing Machine.

The most perfect Machine ever Made. Every Machine fully warranted. A. G. EMERY, Ishpeiming, 293y1 Agent for Upper Peninsula.

H. J. COLWELL, DEALER IN HARDWARE,

STOVES, NAILS, GLASS, &c., Manufacture of

Tin, Sheet Iron and Copper Ware

CORNER MAIN STREET AND CLEVELAND AVENUE, ISHPEMING. 281-331

Ishpeiming Advertisements.

SUPERIOR FOUNDRY, ISHPEMING, MICH.

MANUFACTURERS OF

Engines, Blast Furnace,

MINING AND MILL MACHINERY,

IRON AND BRASS CASTINGS.

Boilers

BUILT AND REPAIRED.

A full stock of STEAM AND GAS PIPE, AND FITTINGS of all kinds and descriptions. A large and complete stock of

Rubber and Hemp Packing. ALL SIZES OF

BAR AND ROUND IRON ALWAYS ON HAND.

Agents for KNOWLES' PATENT STEAM PUMPS, WM. CANFIELD & CO'S EMPIRE PACKING. 267y1

New Drug Store IN ISHPEMING.

F. J. G. ZETHRÆUS, Examined Druggist,

Takes this method to inform the citizens of Ishpeiming and vicinity that he has established a new drug store in this city, on CLEVELAND AVENUE, next door west of "Noras Store Co." A full line of

Drugs, Medicines,

TOILET ARTICLES, PERFUMERY, FANCY GOODS, PURE WINES AND LIQUORS, AND STANDARD CIGARS.

Also a full assortment of SCANDINAVIAN DRUGS.

PHYSICIANS' PRESCRIPTIONS PREPARED AT ALL HOURS. DR. WENSTER can be found at this store. 270-321

LOWEST PRICES AND THE

BEST GOODS!

The Union Store Co.

Call the attention of the public to their large assortment of

DRY GOODS, Groceries

Boots and Shoes, HATS AND CAPS, FLOUR AND FEED.

A SPECIALTY IN TEAS.

We are now preparing for the spring and summer trade, and will have an immense stock of seasonable goods. UNION STORE CO. Ishpeiming, February, 1874. 299m3

ISHPEMING FURNITURE

EMPORIUM!

Have now in store the LARGEST STOCK OF FURNITURE ever before offered this community, comprising

Chamber and Parlor Sets, Suitable for every want and every class.

WALNUT, ROSEWOOD and the more common sets in as elegant style and at LOWER RATES, than can be had abroad.

Special attention given to the undertaking business. Coffins, Burial Caskets, Coffin Trimmings, &c., to suit all circumstances.

New novelties will be announced as they are received. Agents for Jones' Patent Bed Spring, also the Celebrated Hartford Woven Wire Mattress. 271-322

Ishpeiming Advertisements.

ISHPEMING Bakery and Restaurant, M. T. DUNN, Proprietor,

And dealer in Fancy Groceries and Provisions, Wines, Liquors, Cigars, etc., opposite Baptist Church, corner of First and Division streets. 251-307

DRUGS AND MEDICINES!

PAINTS AND OILS, Books and Stationery,

TOYS, NOTIONS AND CUTLERY; PAPER HANGINGS AND CENTER PIECES; CIGARS AND TOBACCOS; BABY CARRIAGES.

CONFECTIONERY, FISHING TACKLE. Fire Assays

Gold Silver and Lead Made. 263-315 J. ROPES & CO., Ishpeiming, Mich.

Fair Dealing Wins!

Nora

Store Co.

Of Ishpeiming, has proved this to the satisfaction of our citizens. They now have in store a

LARGE ASSORTMENT OF GENERAL MERCHANDISE,

To which the attention of the public is invited. DRY GOODS,

GROCERIES,

BOOTS AND SHOES HATS AND CAPS, CROCKERY, FLOUR AND FEED, &c., &c.

At the very LOWEST PRICES!

The success attending our business since it was started, notwithstanding the hard times, demonstrates fully that the

People appreciate Low Prices and First-Class Goods. We invite the public to give us a call. No store in the county can offer better inducements. 290m3 NORAS STORE CO.

Drugs and Medicines.

H. H. STAFFORD,

Dealer in

Drugs, Medicines,

BOOKS AND STATIONERY.

A CAREFULLY SELECTED STOCK,

Comprising in part Soaps, Brushes, Perfumery, Remedies, Cosmetics, Dressing Cases, Towels, Friction Gloves, Mirrors, (Hand) Tweezers, Chamois, Plasters and Split Skins, Vanilla Beans, Farina, Colognes, Mouchoir Sachets, Sachet Powder in Bulk, Puff Boxes and Puffs, Court Plasters, Playing Cards, Cachous, Lip Salves, Razor Straps, English Razors, Pocket Cutlery, Odor Flasks, French Blacking, Pink Sauces, Syringes, Trusses, Corn Plasters, Orange Flower Water, Rose Water, Maw's Feeder, Chris Extracts,

PRODUCTIONS OF LUBIN, LOW, SON & HAYDON,

Societe Hygienique, Rimmel, Pivo,

AND MANY OTHER STANDARD PREPARATIONS AND NOVELTIES.

Prescriptions Carefully Prepared

At all hours of day and night.

A full and complete stock of BLANK BOOKS, and everything for office use; also

SCHOOL BOOKS, MISCELLANEOUS BOOKS,

Consisting of all Standard Works and the Reading Matter of the Day.

INITIAL PAPER, ENVELOPES, FABERS' AND EAGLE PENCILS, DRAFTING PAPER, SEALING WAX. 284-306

General Merchandise.

1874.

PENDILL & BEATTY

DRY GOODS,

BOOTS AND SHOES,

Ready-Made Clothing,

Furnishing Goods,

BUILDING PAPER, WALL PAPER,

Groceries

PROVISIONS,

Flour and Feed,

WHOLESALE AND RETAIL

For Cash

Superior Street, Marquette. 283y1

Iron, Steel, Mining Machinery, &c.

PEIRCE & WHALING, DEALERS IN

IRON,

HEAVY AND WAGON HARDWARE, NAILS, BLACKSMITHS' TOOLS, PLOW MATERIAL, AND

Steel,

Railway and Contractors' Supplies.

THE TRADE OF DEALERS AND LARGE CONSUMERS SOLICITED.

Illustrated Catalogues Furnished to the Trade on Application.

WEST WATER AND SYCAMORE STS., MILWAUKEE, WIS. 263y2

UNION IRON WORKS,

FOND DU LAC, WIS.

WM. H. HINER & CO., Manufacturers of

STEAM ENGINES,

Circular Saw Mills, And

MILL IRON OF EVERY DESCRIPTION.

We make a specialty of

WHITE'S SHINGLE MILL, DICEY'S GANG EDGER, PERKINS' SAW GUMMER, CARVER'S POBCH PUMP, DICEY'S LOG CANTER,

And all the details belonging to Mill Work.

BLAST FURNACE

And MINING MACHINERY

Of any capacity given special attention. We will challenge better work, whether of new or old patterns, and refer to that at the Escanaba furnace, and to the Lake Superior mines as a challenge.

Agents for Judson's governors and valves. Works corner of Arndt and Satterlee Streets. 263y2 FOND DU LAC, WI

CITY AND COUNTY.

MARQUETTE LODGE NO. 108—L. O. O. F.—Samuel Hopkins, N. G.; Wm. Kemp, Secretary. Meet Old Fellows Hall, Everett's block, every Wednesday evening. Visiting members of other Lodges cordially invited.

IRON BAY ENCAMPMENT NO. 58—L. O. O. F.—H. C. Taylor, W. C. P. Samuel Hopkins, H. P. Meek in Odd Fellows Hall, Everett's block, on the first and third Thursday evenings of each month.

MARQUETTE, HOUGHTON & O'NEILL, R. R. Trains Leave. Trains Arrive. Chicago, 8:00 A. M. L'Anse, 10:00 A. M. L'Anse, 3:40 P. M. Chicago, 8:15 P. M.

MARQUETTE POSTOFFICE. MAILS ARRIVE. From South, East and West, 8:15 P. M. From South St. Marie, Munising and Ontonagon, Tues. day and Friday, 5:00 P. M. From Harvey, Tuesday and Friday, 5:00 P. M.

MAILS GO. Going South, East and West, 7:30 A. M. Going South St. Marie, Munising and Ontonagon, Monday and Thursday, 7:30 A. M. Going Harvey, Monday, 7:30 A. M.

WANTED—A good printer, at this office immediately, to whom good wages and steady employment will be given.

CINDERS.

—For Council proceedings and Mayor's inaugural, see first page.

—How many of the 10,000 dogs in this city have paid their license?

—Marquette has two good brass bands—so bring on your fourth of July.

—The man who will invent a truth telling gas meter, will do a good thing for gas consuming humanity.

—Who is able to tell us of a single tenement for rent in the whole city? Marquette wants more buildings and must have them.

—The MINING JOURNAL is the only paper on the lake having sufficient enterprise to publish the first speech of Lake Superior's first member of Congress.

—Over four hundred men have signed the pledge in Fond du Lac. We'll bet a quart of beer nuts that the editor of the Journal isn't one of the number.

—Ontonagon has only sixty saloons, and yet it "affects the manners and opens the air" of a city. Neguague or Ishpeming can see its sixty and go it a hundred better.

—A Pittsburgh paper copy-righted several of our mine and furnace items last week, and now we are afraid to refer to our own files for the information they contained.

—The postmaster at L'Anse has lived forty-six years on Lake Superior, thirty-six years of the time at L'Anse—but the salary of the office hasn't supported him all that time.

—Now is the time to set out shade trees. The forests of this county are full of the beautiful mountain ash, the tree that is prized above all others, for ornament, in the east and south.

—And now the whitewashers on the war path, and the good housewife speaks cheering words to her husband and children, who live on crackers and water while she bosses the job of cleaning house.

—"What is your opinion on the question of inflation?" asked one laborer of another the day after election. "I don't know anything about it," said the other, "but I voted for Swinford."

—The republicans carried Rhode Island. Where they took it we don't know, but hope they won't cart it out this way. We have no use for it, since Michigan's towns are soon to be organized.

—The Saxonian porter of the Coles' House, being sent after a box of anti-billiard tips, returned with the statement that there wasn't any in town.

—An exchange says that a man who will sell liquor to a minor will steal across from a blind boy. We have more than a hundred men in this county who sell liquor to miners, and they don't steal any very large number of scorns either.

—Among the distinguished arrivals at the Coles House last Monday night was the illustrious Mother Huber, of Neguague. There being no room in the house suited to her delicate tastes, she was provided with comfortable quarters in the county jail.

—We notice as a remarkable fact that in the temperance meetings inaugurated by the ladies of this city, the men are allowed to do all the talking, absorb all the offices and fill all the committees. Have we no Susan Anthonys, Mrs. Cady Staunens or G. Francis Trains among us?

—Mr. Buell has stopped letter-writing and gone to imitating editorials for the Menominee Lumberman, threatening Marquette with dire vengeance because of the result of our recent election. We are sorry to have displeased Menominee's immaculate statesman, but will try and live through it.

—The new council proposes to prohibit the bringing of limburger cheese into the city under a penalty of ten dollars for the first offense, and being compelled to eat the cheese if the offense is repeated. One of the aldermen justly remarked that "the cheese is rank and smells to heaven."

—Whittemore & Stevens, of Detroit, announce "Out of Work and the Wolf at the Door." If the wolf is at the door, and they have nothing else to do, why in thunder don't they go to work and slaughter or drive him away! We'd take the hide in part payment of a little bill for advertising, long since due.

—If our senior editor looks unusually sleek and fat this week, his improved condition can be credited to the fact that it has been house cleaning time at the editorial mansion, and that he has been taking most of his meals at Risdon's—the best place for a hungry man to be found on the Upper Peninsula.

—Judson Burt has purchased Mr. McGregor's half interest in Cray's job printing office. It is said this is but preliminary to the purchase of Mr. Cray's remaining interest, and the establishment of another paper here in the city. We will most cordially welcome any and all coadjutors who may enter the field.

—One of the happiest men we know of is the landlord of the Summit House. Somebody has stolen his dog Nip, and he will not therefore be called on to pay so much city tax to the amount of one dollar. "No loss without gain," etc., and it is to be presumed that he will be happier still if some other free nips were dispensed with.

—The following comes to us from Ishpeming:—On a Sunday night the 12 last six of the sparking carriers of Fat cats boarding house went spark the coals in the kitchen & commenced to quarrel about the color of the female hair the Boarding Boss settled the dispute & ordered them to keep their proper places in the sitting room but one of them indignantly refused doing so saving I am boss in the mine & you Best Look out. A. subscriber.

—Whenever you see a man standing on or near a street corner, wearing a galvanized plug hat, his last year's clothing made up of the "olla podrida" of the fashions that have been out of vogue for the past decade, and who is anxiously "waiting to see a man," you may conclude that individual is either a life insurance or sewing machine agent, or is engaged in getting up a copper, or iron, or silver mine—and he generally carries a cane.

—Did you ever notice how all the little dogs on a street run out and growl and snarl, and bark at the mastiff passes along? The latter, conscious of his own strength, pays very little attention to the curs and whiffets that bark but do not bite. On the same principle the MINING JOURNAL, having once driven the small newspaper curs of the lake into their kennels, is not disposed to deny them the luxury of barking as much as they please.

—They have a man up at L'Anse who extracts flavor from the winter-green, and occasionally cracks a few practical jokes on not a few individuals. Recently he sent a few very fine fish to a merchant in this city, as samples to show how they ran, asking if he didn't want a quantity for his customer. The merchant replied, telling him to forward a certain quantity of the fish, and received an answer saying, "I haven't any, but you can come up and I'll show you where you can catch them as they run." It is said that the merchant didn't go after the fish, but he did go for the j-ker, and is now trying to extract a few shole from Pew and his extract works.

NEW MAIL ROUTES.—The Postoffice Department has established two new mail routes on the Peninsula—one between L'Anse and the slate quarries on Haron Bay, with tri-weekly service, and another from L'Anse to Ontonagon, via Greenland and Rockland, six times a week. The contracts are advertised to be let, service to commence the first of July.

MISTAKE.—We were mistaken last week in the announcement of the election of A. A. Anderson, ex treasurer of the city of Ishpeming. Frank Bourke was the successful candidate. His name was among the list of the successful candidates first sent to this office, but the Iron Horse having a different report, we considered that the most reliable—hence the mistake. We are glad to know it was a mistake.

EDITOR MINING JOURNAL.—Why is it that some of our people are allowed to fill the streets and walks with ashes and old carts—carts, some with two wheels, some with none; carts large enough to tie in? 'Tis time for a suggestion to clean up before the summer.

ONE WHO LOVES GOOD ORDER.—If "One who loves good order" will call the special attention of the city marshal or street commissioner to particular cases of the kind to which he refers, they will doubtless receive attention.

JIM GREENE (not green 'un) has leased the basement recently vacated by Gilmore, and is now wrestling with the cockroaches preparatory to the opening of a new restaurant. He will have the place fitted up in the best possible style, and the ready to serve up meals about the time the first boat arrives. Jim understands the business, and we miss our calculation if his new place does not become a most popular resort.

WILL REMOVE.—Mr. James Neilson has rented the room in Brown's building formerly occupied by Conklin, and will remove his stock of wines, liquors and cigars from the MINING JOURNAL building as soon as his new room is fitted up. He probably wishes to get out of the immediate neighborhood of the MINING JOURNAL temperance folks, and go where he will have better and more sociable neighbors. We regret to lose him, however, all the same.

ON Monday last there came to us a mysterious-looking box, express paid, which, upon being opened was found to contain a huge bunch of cluster of bananas from the far sunny south. With them was a note conveying the compliments of "E. A. Dickerson and lady, Louisville, Ky.," and from which we also learned that the happy bride was Miss L. Estelle Willis, of Cleveland, Ohio. Pool! Dick has made a Dicker at last; the son is yet to be added to make the name complete.

Is the city growing? Take a walk through the third ward, and count the new buildings. Notwithstanding the panic it is safe to say that at least one hundred new buildings are in course of erection in various parts of the city. In a ride around town the other day we had the curiosity to count those either just completed or going up in that part of the city lying north of Washington and west of Front streets, and found the number to be just forty-three. Equal improvement is manifest east of Front and north of Ridge streets, while the first and second wards are not far behind. If our city continues to grow at that rate at a time like the present, what may we not expect when the financial depression is over and we have the hoped for recurrence of business activity and thrift!

MR. BURTON.—I, as a citizen of Marquette, and one who was present at your inaugural, could not but remark in regard to the scanty way in which the council rooms were fitted up for the business of such a city as Marquette. Among other things that should be provided for them should be plenty of seats for the audience. There is not a single one outside the bar—and very few inside—and while the room is well lighted and capacious, it is in its present shape not exactly what it should be. The recorder and council need the room now occupied by the board of water and fire commissioners, for their own purposes, and it would be well for the council to look to it that suitable provisions be made as will insure to the credit of the city. No large expense need be gone into, but something should be done.

DOGS.—It is a well known fact that, while the city has been infested by any number of the genus canis, amounting to at least a thousand, only sixty-two have, during the past year, paid for the privilege of retaining their position on earth; and notice should be given, and an earnest one, that the dog law will be rigidly enforced. The act reads as follows:—

An Act—To Provide for Licensing the Keeping of Dogs: SECTION 1. The People of the State of Michigan enact, That every person who shall own or keep a dog shall procure license therefor, from the clerk of the township or city in which he may reside, for which he shall pay such fee as follows: For a male dog, one dollar; for a female dog, three dollars; which license shall run and be in force from the day of its date to the 1st day of April next thereafter. He shall cause the dog to wear round its neck, during the life of the license and no longer, a collar distinctly marked with its owner's name and registered number.

Sec. 2. The clerk, on proper application and payment, as herein provided, shall issue such license. It shall be described, shall contain the name of the person to whom, and a description of the dog for which issued, the sum paid for it, and a statement of the time when it will run out. All licenses for any one year, commencing the first of April, shall be numbered consecutively in the order in which issued, commencing with No. 1. The clerk shall register, in a book to be kept by him, for that purpose, the name of each licensee, description of his dog as in the license, the number of the license, and the amount paid. The said clerk shall, on request, permit any police officer or constable of his township or city to take copies of such register. The clerk may retain twenty cents for each license given by him, and shall pay the balance of the money received for license into the township or city treasury; and the moneys received for licenses for any one year, and thus paid into the treasury, shall constitute a fund for the payment of damages which any person or persons may sustain for the killing or wounding of sheep or lambs, by a dog or dogs, within such township or city, during such year.

Sec. 3. Whoever shall keep a dog, contrary to the provisions of this act, shall forfeit the sum of ten dollars, to be recovered with costs, in action of debt or assumpsit in the name and for the use of the people of this State.

Sec. 4. Any person may, and it shall be the duty of every police officer and constable of any township or city to kill any and all dogs found at large, and not licensed and collared according to the provisions of this act, and such officers shall be entitled to receive from the township or city treasury fifty cents for each dog so killed by them.

Sec. 5. In cities having no clerk, the officer who shall have the custody of the records of the common council shall perform the duties required of the clerk by this act.

Sec. 6. All acts or parts of acts inconsistent with the provisions of this act are hereby repealed.

It will be well, therefore, for the owners of dogs of the m. and f. persuasion to look well for the safety of their pets, as strict orders will probably be given to see that the law is fully enforced. If a nuisance worth a thousand dollars a year, emanating from the throats of so many of the species in the shape of barks and howls, can be abated, well and good; and they should be abated with a bullet if the license is not paid. It will, in that event, be care in canens, or care canem canoniam.

MORE TEMPERANCE.—The adjourned temperance meeting convened at Coles' Hall on Wednesday evening last, an immense crowd being present. In the absence of M. H. Maynard, temporary president, Mr. H. M. Noble, temporary vice president, took the chair, and called the meeting to order, Mr. George E. Cochran doing duty as secretary. The chair invited Rev. Mr. Banks to open the meeting with prayer, which being done, the chair asked Rev. Mr. Johnston to address the meeting. That gentleman took the platform, as did all the other speakers of the evening, thus showing that they had read the MINING JOURNAL of last week, and profited by its suggestions in this particular. Mr. Johnston thought the invitation to him to speak was premeditated on the part of the chair, a kind of a "put up job," though he didn't make use of just those words. He would say a few words and then give way to others whom the audience might want to hear. He thought it very likely that diversity of opinion regarding the disposal of the temperance question would occur, but thought all agreed that temperance should be done away with. He gave a batch of statistics of intemperance, showing the amount of money it costs, the lives it sacrifices, and the crimes and sufferings it entails. Personally he had had no experience in, and little if any inconvenience from, the demon drink, and therefore couldn't present the question in so effective a light perhaps, as others who had been more unfortunate. He hoped to hear from all, and hoped to see the question brought out in its financial as well as other points, that the people might become acquainted with the enormity of the traffic.

After Mr. Johnston sat down, John L. Cochran was loudly called for. Mr. Cochran said it was not so great a luxury to him to address a meeting as people might imagine. He appeared to think he was not fairly reported last week, but failed to state in what particular. The gentleman is, perhaps, a little forgetful. What the MINING JOURNAL of last week credited him with saying at the previous meeting, he did say, in substance. Whether or not they were his real sentiments depends upon whether he really gave utterance to such real sentiments. He went on to state that as an individual he felt it an imperative duty, if one did not believe in temperance, to set his face squarely against it. He thought the liquor of to-day was so taxed that the poor man was unable to use it except he impoverished his family. It was also so adulterated that to become addicted to its use was physical ruin. He believed one necessary step was to close the saloons on the Sabbath; another was to prevail upon sellers to pledge themselves not to sell to a man while he was intoxicated. He did not believe in trying to reform the hardened drinker—he was fixed for all eternity. We must commence with the children, and watch them and educate them until they become men, confirmed in steady habits. And also go to the young man after his first few debauches and persuade him to stop before it is too late.

Then began a promiscuous calling for various persons by a number of noisy fellows in the rear of the hall, during which Mr. Stafford stepped forward and restored order by announcing that he would read the report of the committee on resolutions, appointed at the last meeting. The preamble referred to the necessity of concerted action, and was followed by a resolution providing that such as should subscribe to the articles of association form themselves into a society for the suppression of intemperance. Of the articles of association, the first provides that the name of the society shall be the Marquette Temperance Association. Article 2 provides for officers, to consist of president, vice-president, secretary, treasurer and an executive committee of 13, including the officers and nine other members. Article 3 provides that any person may become a member of the society by submitting to the articles of association.

On the question of the adoption of the report, the mischievous element in the rear of the hall voted "no" so fast and furious that the vote was taken a second time, and carried.

Here followed some further exhibitions of rowdiness, in which several persons were called for, and one forward school boy yelled lustily for "Oleott," evidently wishing to hear from that individual—and, if his teacher finds out who the urehlin was, he will undoubtedly hear from him.

In an unfortunate moment the name of Needham was called, and being taken up in all quarters, its owner marched to the stage. His speech was one of the stereotyped temperance speeches which we have all heard a hundred times, interspersed with quotations from the Good Templars' Ritual. He recited a "piece" which he learned when a boy, the merit of which consisted in each line ending with a word having "t-i-o-n" or "s-i-o-n" for a terminal syllable, and we judge there were something near five hundred lines. It served to make the audience laugh heartily, however. Mr. N. said, as an instance of memory, that he hadn't read that piece in over twenty years, and we think there were few present who did not regret his having so good a memory. He read some resolutions which he offered unsuccessfully for signatures in 1870. The resolutions notified saloon keepers that after May first of that year the prohibitory laws would be enforced. His resolutions will probably have to lay over several years yet before they will receive signatures from any great portion of the community.

Somebody now wanted to hear from John Evans, but John was bashful.

Edward Fraser was called upon. He was a temperance man, but did not believe in crusades. He was not a speaker; had never tried to be; he was willing to work; he believed in taxing the saloons heavily, and thus making them pay for the misery and crime they produced. He said they furnished the boards for our county jail, and should pay the board. He thought as long as the world lasted we should have whisky making and whisky drinking, and thought we should devote our attention to chaining the monster rather than waste time in trying to annihilate him. He thinks the saloons can be closed on the Sabbath, and at a regular hour at night, and much good thus accomplished.

After Mr. Fraser sat down, somebody wanted to elect officers for the society, but as no society yet existed it was deemed impracticable. Then a call was made for names to be placed upon the lists for membership, and after several were given, it was deemed best to appoint a committee to solicit signatures. John L. Cochran, H. H. Stafford and Wm. Burt were appointed such committee, and the people were notified that papers for signatures would be left at H. H. Stafford's, Westlake & Bronson's, and at Pendell & Beatty's stores during the week. Somebody then suggested the taking of a collection to defray expenses of the hall, lights, &c., but as a good part of the crowd just then began to go home, the collection was postponed and the meet-

ing adjourned until next Wednesday evening.

We regret very much the presence in the hall of a number whose only object in attending the meeting was for fun, and to create a disturbance. We suggest to the managers the feasibility of having an officer present at future meetings, in order that those who attend for the purpose, as they believe, of accomplishing good, may not be disturbed in their deliberations.

MICHIGAMME.—This is one of the most romantic and picturesque places on the Upper Peninsula. There is but one drawback or it would be par excellence, the favorite resort of the tourist in search of the "rock-ramante" and beautiful. With its lofty birch and pine clad ridges and hills, some gently sloping and others precipitately frowning, as the "Castle Crags of Drachenfels," toward the beautiful lake from which it takes its Indian name, it presents a scene of beauty and grandeur marred only by the indications of humanity in the shape of the so-called dwellings of its denizens. Do not understand me, because the place does not present to the visitor the various forms of architecture, avenues and parks, which make the tout ensemble of more pretentious cities, that there is nothing here commendatory of the energy and enterprise of its inhabitants. On the contrary, it is one of the miracles of growth and development only witnessed in the mining regions of the new world. Two years ago the only change since the sleeve of the earthquake in convulsive sport had shaped its rugged outlines in upheaving from depths profound the mineral wealth which fill its rock-ribbed hills, was the arboreal decking with which Flora had crowned its broken surface. Scarcely bird nor beast had ever sought home or shelter here; and it does not appear that even the beautiful flake had attracted the almost as wild aborigines of this Western Siberia. Last June not one year had elapsed since the sound of the saw and hammer had broken the stillness of these primitive hills, and yet on the 29th of that month was here presented a busy mart of industry and trade. Four hundred buildings gave shelter and business facilities to a growing population, then numbering thirteen hundred souls—not counting several who perhaps had no souls. Then came the destroying flame, and in a short hour dwellings, furniture, business houses and merchandise were with the things which had been. All, all, was lost, save the indomitable energy which from its ashes has restored Michigamme to its pristine position as a business center on the Upper Peninsula. When it is considered, too, that following in the footsteps of the conflagration came the great monetary panic of last fall, it may be truly said that Michigamme to-day exhibits to the world a marvel of recuperative energy, and what determined purpose may accomplish under most adverse circumstances.

The past, however, is generally known to your readers; and of the present I will now write. It is curious how coincidences will run as between great places. Chicago as well as Michigamme has had her great fire. Michigamme as well as Chicago has had her great gift concert. There is a striking similitude between the two, in the last enterprises, in the initiate—the result somewhat differs. The Crosby swindle was managed with adroitness enough to preclude the proof of the dishonest manipulations, only as the inner consciousness nalled the fraud to the counter. At Michigamme there was not even a gauze veil attempted to be thrown over the transaction.

W. H. Prescott—no relation, we believe, to the illustrious historian—has, for some time, by placards in the most frequented places of resort in this and adjoining counties, advertised his "grand ball and gift enterprise," to be given at Schwendenner's Hall, in this place, on the evening of the 14th of the present month. Various articles of virtue, furniture, etc., were to be given to the lucky holders of any or all the tickets. Indeed, from the programme it seemed impossible that the holder of any ticket would not realize, in addition to the enjoyment of the "light fantastic toe," and the cuisine of the occasion, property, at least, requiring Uncle Sam's semi-centennial photographs to designate the value. The crowning—the great glory of all—was that the luckiest man would find himself, in fee simple, if not otherwise simple, the owner of house and lot, undervalued for the particular occasion, at \$1,400. The evening came—the hall was crowded. Numbers from the adjacent mines and from the workshops of the village were in early attendance, all willing to undergo the onerous burden and disagreeable inconveniences of becoming tax-payers in this panicky time. Who can estimate the amount of sacrifice good people will make to help the depleted exchequer of our common country? Mr. Prescott, not so blind to his interest as is his great namesake, physically, had fixed a very pretty little arrangement, more satisfactory to himself than to the expectant owners of the lot and house aforesaid. After a few envelopes had been drawn from the box under the plan adopted by Mr. Prescott, an enthusiastic expectant vociferously denunciated the modus operandi of the drawing, and the ticket holders generally sustaining him, Mr. Prescott, feeling that he was insulted by such ungenerous insinuations, with commendable pride, unwilling to yield to the clamorous demands of the canaille, seized, in the heat of his indignation, the box containing the tickets, and, with slightly accelerated steps, followed by a large retinue, retired to the bush. The retinue returned; Mr. Prescott is still absent. When the conveyance of the property in question is made I will advise you of the change. In the meantime, Yours, CURRANTE CALAMO, March 15, 1874.

ON the first of this month happened a very sad calamity in this community. A working man, named John Schrandt, was at his work with a few more co-laborers in excavating a sand hill on Michigan street, when suddenly the frozen ground from overhead gave way and buried the unfortunate man under its crushing weight. Every possible energy was immediately employed by his fellow laborers to extricate him from his perilous position, but human help was of no avail, for he had breathed his last when they reached him. Mr. Schrandt had left a widow and four small children to mourn his loss. The deceased was a member of the Workingmen's Aid Society of this city, and all the members of the society followed him in procession to his last resting place. At a meeting of the society, held at their hall on the 6th, the following resolutions were unanimously adopted:—

Resolved, That we are deeply grieved in having lost by this sad accident one of our members, esteemed by every one.

Resolved, That we tender the widow and orphans our most deep-felt sympathy in their bereavement, and that we are in duty bound at any time to take a lively interest in their welfare.

Resolved, That we pray to Almighty God to take this afflicted family into His protection, extend to them a helping hand in their sorrow, and give the widow strength and help to bring up her so early and unexpected orphan child into His faith.

WASHINGTON street, from Front to Lake, should be graded and made passable for teams, as it can be at slight expense.

Messrs. Mathews & Longyear have opened a Land, Tax and Agency office on Front street. They make mineral explorations a specialty.

I. O. O. F.—Iron Bay encampment, No. 58, will celebrate the 50th anniversary of Old-fellowship in America on the evening of the 27th inst., at Mather's hall. An oration will be delivered by C. P. Black, Esq., after which there will be supper, music and dancing for all who desire. There will doubtless be a large attendance.

The total vote cast in this city at the recent election was 1,081—at the special election in February the vote was 1,190. If we take the estimate of seven persons for each vote, which the Green Bay Advocate says is a low one, the population of Marquette would be at least 8,000; about the same as Green Bay—perhaps a little more so.

CHILD has taken a series of views in the Iron Bay Foundry, which convey an idea of the machinery, building, character of work performed, capacity, etc. In the machine department new machinery has been added during the winter, thus extending the range of work and increasing the facilities for dispatching the same.

BLUFF street is sadly in need of repairs. We understand a petition was generally signed last fall, asking the Council to order it graded and macadamized, but for some reason it was either not presented, or if it was, the Council did not act upon it.

BUSINESS NOTICES.

POTATOES—Choice Early Rose, just received by 309-2 MURRAY & ROBBINS.

CALL ON H. A. DOWNS for short term Fire Insurance Certificates. 288-3

CHOICE lot of Clover and Timothy Seed at Wetmore & Bro's. April 10th, 1874. 298-4

MERCHANTS will do well to call upon H. A. DOWNS for short term Fire Insurance Certificates issued for one day, one week, or one month. 298-3

IMPORTANT NOTICE.—I do hereby return my sincere thanks to my many friends and customers for past favors, and would inform them that I have removed into our new place of business, the Marquette manufacturing establishment, in company with J. P. Bidell and John Johnson, and am better prepared than ever to take contracts and do job work of all kinds, at fair rates and quick dispatch, hoping, with strict attention to business, to receive a large amount of patronage. Cigars made to order, suit gentlemen, your humble servant. 294-2 H. GREGORY.

'Twas a hat or cap he needed— When coming from the train— And, searching the town all over, He soon discovered 'twas plain that the best place to purchase one was at the News Depot. GUNTHER'S CANDY.

A pair of blooming roses Adorned her pretty face, A pair of jet black diamonds Above her features glared; Her ruby lips soon parted Like petals when the sun Is smiling on the flow'rets, Soon as the day's begun, As she ate some of that luscious candy at Meals' Genuine Gunther's Candy at News Depot. When it does, that sap in water, Did give boots or shoes, The place to get good new ones Is where you get the news.

LOST.—A mink fur cape, between engine house on Bluff street, and Coles' Hotel. A reward of \$2.00 will be paid to the finder, by leaving the same at the Coles' House. 309-1 A. B. COLES.

ESTRAY NOTICE.—Came into the enclosure of the Burt Free Stone company, on the 15th day of April, one mare, one horse, one single sleigh, wagon and harness; one hundred unfinished boxes, one stove and pipe; oils of lemon, winter green, etc. Apply to FRANK BOURKE, Ishpeming, April 16th, 1874. 300-2

RECORDER'S OFFICE, CITY OF MARQUETTE. April 17, 1874. TO WHOM IT MAY CONCERN: Notice is hereby given that the time fixed for the final confirmation of the special assessment of Spring street, one machine for the manufacture of soda water; eight hundred dozen bottles; one hundred and forty dozen gross corks; fifty shipping boxes; fourteen and one-half barrels of marble dust; one horse; one single sleigh, wagon and harness; one hundred unfinished boxes, one stove and pipe; oils of lemon, winter green, etc. Apply to FRANK BOURKE, Ishpeming, April 16th, 1874. 300-2

STATE OF MICHIGAN, COUNTY OF MARQUETTE. ss.—At a session of the Probate Court for the county of Marquette, holden at the Probate office in the city of Marquette, on Wednesday, the 15th day of April in the year one thousand eight hundred and seventy-four, Present, Hon. Edward S. Hardy, Judge of Probate. In the matter of the estate of CHRISTOPHER GOLDEN, deceased.

On reading and filing the petition, duly verified, of Henry Reed, of Neguague, representing among other things that it is necessary a guardian should be appointed for William Golden and Thomas Golden, minor children of the deceased, and that Michael McMahon may be appointed such guardian, he being worthy of the charge; and upon it is ordered that Monday, the 4th day of May, at 10 o'clock in the forenoon, be assigned for the hearing of said petition, and that the heirs at law of said deceased, and all other persons interested in said estate, are required to appear at a session of said court, then to be holden at the Probate Office, in the city of Marquette, and show cause, if any there be, why the prayer of the petitioner should not be granted; and he is further ordered that said petitioner give notice to the persons interested in said estate, of the pendency of said petition, and the hearing thereof by causing a copy of this order to be published in the MINING JOURNAL, a newspaper printed and circulated in said county of Marquette, three successive weeks, previous to said day of hearing. EDWARD S. HARDY, Judge of Probate.

ANNUAL MEETING.—Notice is hereby given that the annual meeting of the stockholders of the Cleveland Iron Mining Company will be held at the Company's office, in the city of Cleveland, Ohio, on Wednesday, the 20th day of May, 1874, at 10 o'clock A. M., for the election of directors and the transaction of such other business as may lawfully come before said meeting. Cleveland, Ohio, April 9, 1874. FRED. A. MORSE, Secy.

ANNUAL MEETING.—Notice is hereby given that the annual meeting of the stockholders of the Marquette Iron Company will be held at the office of the company, at Cleveland, Ohio, on Wednesday, May 12th, 1874, at 10 o'clock A. M., for the election of directors and the transaction of any other business. Cleveland, Ohio, April 9, 1874. 300-4 SAMUEL L. MATHER, Secretary.

IRON MAKING PREVIOUS TO THE REVOLUTION.

There seems to be little doubt that the first iron manufactured on this continent was produced at Falling Creek on the James river, Virginia, in 1621, but very limited progress was made in the prosecution of this branch of industry for nearly a century afterwards. The history of the earliest effort may be summed up thus:

Previous to May, 1620, according to Sir Edwin Sandys, treasurer to the London Company, one hundred and fifty persons had been sent from England to get up three iron works there, viz., one hundred and ten from Warwick and Staffordshires, and forty from Essex, "all framed to iron workers." They found a plentiful provision of ore which proved to be good, and the iron was pronounced to be of a "reasonable" quality, but before they got into the body of the mine the people were cut off in the fatal Indian massacre of March, 1622. The project was then abandoned, and until nearly a century afterwards was not renewed. The exact date of the permanent establishment of iron making in Virginia has not been definitely ascertained, but it is stated to have been about the year 1715. Although we have no record of iron being produced between the years 1622 and 1715, it is singular, if such were the case, that the Assembly should in 1693, by an act, forbid its exportation, "on penalty of ten pounds of tobacco for every barrel, but in that case the prohibition was renewed in 1692. Perhaps they meant to prevent the export of old iron.

In a journal written by Colonel William Byrd of Westover, entitled "A Progress to the Mines," a very entertaining account is given of a visit made by him in 1732 to the iron mines and furnaces belonging to Colonel Alexander Spotswood on the Rappahannock, in Spotsylvania county. Colonel Byrd says that Colonel Spotswood claimed that he "was not only the first in this country, but the first in North America, who had erected a regular furnace. That they ran altogether upon blast-works in New England and Pennsylvania till his example had made them attempt greater works." We are not informed as to the year in which the furnace was built, but it is mentioned as being in operation in 1724, and must have been built some time previous to that date. The proprietor, however, Colonel Byrd, stated that at that time there were four furnaces in Virginia.

Colonel Spotswood's principal furnace was situated on a large tract of some 40,000 acres of land at Fredericksburgh, worthless for cultivation, but in several places containing large deposits of iron ore. The mines from which the ore, which is reported to have been of good quality, was raised, were about one mile from the furnace. The proprietor is also said to have had an air furnace with two fires in very complete order at Massaponox, on the Rappahannock, which had been built for the purpose of melting iron metal for foundry work. It was fifteen miles distant, and the metal from the smelting furnace was carried to it. At the time of Colonel Byrd's visit the works at Fredericksburgh had for some time been yielding no profit, and the incompetence or carelessness of those in charge had nearly brought them to ruin during the absence of the owner in England, but they were beginning then to get on a paying basis. They labored, however, under the disadvantage of being built on the banks of a stream that was not navigable, and at too great a distance from the Potomac. They were also reported to be conducted on the most unwise and unprofitable principle, which has so often brought to wreck "enterprises of great pith and moment."

The number of negro laborers is reported to have been one third less than ought to have been employed, and the standing charge for hired labor was about \$200 per annum. Two very large bellows provided the blast for the furnace, and were driven by an overshot water-wheel over 23 feet in diameter, to which the water was conveyed in wooden troughs over 1,000 feet. In dry weather the supply of water often gave out, and in consequence the furnace was obliged to suspend its operations. The contractor, who was paid 1s. 6d. per cart load of 25 cwt. for raising the ore, was compelled to pay 25s. per month for the laborers owned by the company, and was required to employ them. The best ores were mixed with those of inferior quality and roasted before being smelted. The flux used was limestone, which cost on the Rappahannock river, about 24 miles distant, 2s. 6d. per ton, and was carried from there in the conveyance that brought the iron from the furnace to the same place. One ton of flux was used to every ten tons of ore. Charcoal was easily obtained at low rates. When in blast the furnace produced about 30 tons of iron per week. A furnace which could produce 800 tons of iron per annum could be built complete in all the requisites for going into immediate operation for about \$700. All the expenses necessary to work it would amount to about \$500 a year. Allowing interest on the cost of the furnace at ten per cent., \$70, the cost per ton would be \$1 8s.; the freights to England and merchants commission were about \$2, making the net value of the iron when delivered in England \$3 8s. per ton. It sold there at from \$5 to \$6 per ton, a profit of from 54% to 80 per cent.

Colonel Byrd informs us further that he was told that a Mr. Harrison in England, on account of his extensive dealings in all kinds of iron had been enabled so to control the market as to keep the price of American below that of English make, although the former was considered superior. He says the air furnace at Massaponox, five miles from Fredericksburgh, was "a very ingenious and profitable contrivance." It was built for the purpose of producing castings to supply the local demand, and provide the surrounding country with pots and skillets, andirons, fenders, backs for chimneys, boiler plates and various other articles, which could be delivered at the people's doors at 25s. per ton. These products were said, on account of being manufactured from iron metal, to be superior to those imported from England which were inferior in quality and sold more directly from the ore. The chimney and outside of the furnace were built of freestone, and the lining was of Stourbridge brick.

There were iron mines and a smelting furnace in King George's county, on lands belonging to Mr. Washington, named England's Iron Mines, after their chief manager. The furnace was two miles distant from the mines, and the ore was raised and carted thence by Mr. Washington at 20s. per ton on every ton of metal.

Having no vessel of their own at this time the Virginia iron masters were under the necessity of confining themselves to the supply of the home market, but shortly afterwards they began to supply the English market with pig iron in considerable quantities. It is estimated that from this time until the Revolution the two colonies of Virginia and Maryland exported annually from two to three thousand tons of pig iron.

A number of charcoal furnaces were built to smelt the brown hematites in the limestone valley of Virginia, west of the Blue Ridge, some of which had forges attached—the earliest being reported to be Zane's charcoal furnace on Cedar Creek, in Frederick county. From 1725 until the era of the Revolution, forges and furnaces were erected at various points along that section of the State, many of which have been abandoned, while some are still in operation. At Lynch's Ferry, where Lynchburg now stands, several charcoal furnaces were in operation last century, but are reported to be now nearly all abandoned. The manufacture of iron appears to have begun in Maryland at about the same time as in Virginia; viz., 1715. Samples were received in England from both provinces in the year 1718. In 1719 the Legislature of Maryland passed an act authorizing 100 acres of land to be laid off to any one who would set up furnaces and forges in the province. This action resulted from the encouragement given by the home government to the importation of pig iron from the colonies. In the course of the next thirty years eight furnaces and nine forges were erected and large tracts of wood taken up by their owners along the western shore.

Among the earliest forges in Maryland, of which mention is made, was the Principio forge, at the head of the Bay, two or three miles east of the Susquehanna in Cecil County. This was in operation previous to 1722. The pig iron was supplied from several furnaces in Virginia, which had the forge at that time, and was conveyed as the Principio works into excellent bar iron. About 1723, or shortly afterwards, a furnace was erected at the mouth of Gavins's Falls, and a forge on Jones's Falls, in Baltimore county. Shortly before the Revolutionary War broke out a number of furnaces had been erected and forges built in Frederick and Washington counties.

The price of iron in Maryland in 1773 was \$26 per ton for bar iron, and \$2 for pig iron; exchange being at 65% to 65 1/2.

There are large deposits of bog ore in most of the counties bordering on the east coast, particularly in Caroline, Dorchester and Worcester counties. Most of the counties lying between the Chesapeake and the South Mountain range contain deposits of argillaceous ores, and in Harford, Carroll, Frederick and Washington counties valuable beds of brown hematite are to be found. Chrome iron is also obtained in Montgomery county and elsewhere, and specular oxide of iron in Frederick county. The proximity of iron ore, limestone, wood and water-power at the western base of South Mountain invited the erection of iron works, and several furnaces were built towards the end of the last century in Washington county. Antietam furnace, at the junction of Antietam Creek with the Potomac, seven miles above Harper's Ferry, is reported to have been built about 1766. It obtained ore from both sides of the river between it and the Ferry. Its site is now occupied by the hot blast charcoal and coke furnace of the same name. Catoctin furnace, three miles from Mechanistown on the Monocacy, in Frederick county, was built in 1774.

In 1770, while the bill was before Parliament to restrain the use of slitting, plating and steel mills in the Colonies, there had been built, according to the report made by the Board of Trade by the Governor and Council, eight furnaces and nine forges. At that time Virginia and Maryland together exported yearly over two thousand five hundred tons of pig iron. In the official tables the exports of those two provinces are always put together, so that there is no means of finding out what the proportion of Maryland was. The iron ores of North Carolina embrace the bog deposits in the seaboard counties, which seem to extend all along the Atlantic coast. In the Deep river coal basin fossil or black band ore is found in workable quantity. Contiguous to the coal, and in the middle and northeastern counties, there are considerable deposits of magnetic, specular and pyrites ore.

Previous to the revolution, although there were several iron works in operation in North Carolina, the quantity produced was not large. These works were situated principally near Salisbury, on branches of the Cape Fear, Yadkin and Dan rivers, and on the primary ore beds of the middle and western districts. John Wileox owned a furnace and iron works at the beginning of the war, the site of which it was not possible to identify. There were also iron works in Guilford county, the locality of which is also uncertain now.

It was not, however, until after the revolution that much progress was made in developing the mining resources of this State.

The only iron works erected in South Carolina before the revolution are reported to have been built in the upper country by a Mr. Badginton, in the year 1778, and were destroyed by the Tories during the war. The growth of the iron trade in America would have been more rapid had it not been for the restriction imposed upon it by the home government, which seemed ready at all times to sacrifice the interests of their colonists to the interests of their merchants at home. As it was, the growth and development of the iron trade in this country in the old colony days made more progress in proportion to the population and their facilities than was made by any other country at the same period.

Steamboats.

1874. | 1874.

DULUTH

Lake Transportation Co.

SOUTH SHORE LINE

Lake Superior Steamers,

SEMI-WEEKLY LINE

MARQUETTE, HOUGHTON, HANCOCK, EAGLE RIVER, EAGLE HARBOR, ISLE ROYALE, ONTONAGON, ASHLAND, BAY-FIELD AND DULUTH.

St. Amer. Mailster, going west, leaves every Saturday, 8 o'clock p. m.

Steamer Metropolis, going west, (via Isle Royale) leaves every Tuesday, 11 o'clock p. m.

For further information, passage or freight, apply to F. B. SPEAR & CO., Agents, Marquette, or to JOHN GORDON, Manager, Duluth, Minn. 297-330.

Hardware.

THE LARGEST AND BEST ASSORTMENT OF

Stoves!



Now is the time to call and secure your Stoves for the approaching winter. By calling on the undersigned you will secure the best assortment of PARLOR AND OFFICE STOVES, of the best manufacture, to be found in the city. Also, the largest assortment of Coal and Wood Cookstoves to be found in the city.

A large assortment of SHELF AND BUILDERS' HARDWARE Consisting of Locks, Glass, Paints and Oils. A good assortment of TIN, IRON AND JAPANNED WARES. Manufacturer of Tin, Copper and Sheet Iron Wares. ALL ORDERS FOR WORK PROMPTLY ATTENDED TO.

N. B.—I am also Agent for the Standard Fairbanks Scales, Detroit Saw Company's Saws and Yacht Doors, B. Heinisch's Celebrated Shears and Scissors.

F. B. SPEAR & CO., 284-336.

Mining, Mill Machinery, &c.

LIBERTY IRON WORKS. FRASER, CHALMERS & CO.

Successors of EAGLE WORKS MANUFACTG. CO. MANUFACTURERS OF

Steam Engines, Boilers, Stamp Mills.

Crushing Rollers, Patent Stamp Shoes. Rock Buckets, Steam, Cornish and Mining Pumps, and ALL DESCRIPTIONS OF HOISTING AND COPPER MINING MACHINERY.

Silver and Gold Mills of most Approved Pattern, Amalgamating Pans, and Settlers, Agitators, Concentrators, Retorts, Bullion and Ingot Moulds, Roasting and Smelting Furnaces, Slag Pots and Cars, Circular Saw Mills, AND GENERAL MACHINERY.

Having been for the past 30 years Partners and Managers of Eagle Works Manufacturing Company, (those works being now closed,) and having purchased all their large stock of machinery Patterns, embracing the most complete and extensive set of Engines, Gears, Pulleys, and miscellaneous Patterns in the North West, we are prepared to continue our business in all its branches with unequalled facilities to fill orders for all descriptions of work and repairs without the usual delay and expense in getting up new patterns.

ALSO AGENTS AND DEALERS IN Blake Crusher, Steam and Centrifugal Pumps, Blowers, Stillwell Heater, Wire Rope, Wrought Iron Pipe and General Mill Supplies, 139 to 145 FULTON STREET, bet Union and Halsted, CHICAGO. Please address FRASER, CHALMERS & CO., Chicago, Ill.

General Merchandise.

F. B. SPEAR & CO. LAKE SUPERIOR IRON ORE.

To Lease for a Term of Years. The Washington Iron Co.'s

MINES! AT AND NEAR HUMBOLDT, MARQUETTE COUNTY, MICHIGAN.

This large and valuable property is now offered for lease from and after May 1st next. It is situated in sections 1, 2, 11 and 12, in township 47, range 29, Marquette county, comprising 1,600 acres of land, and extending two miles east and west upon the Iron Range. The property has been long and favorably known as containing large deposits of both Specular and Magnetic Ore of extreme purity, which has a high reputation among consumers. It is traversed through nearly its whole length by the Marquette, Houghton & Ontonagon Railroad, and is provided with sidings at several different points. It is well provided with hoisting, pumping, and drilling machinery, and with houses sufficient for the accommodation of 400 workmen with their families.

The location is also provided with an ample working equipment of mining tools and utensils of every kind, horses, sledges, wagons and the like, which will be disposed of to the lessee at a fair valuation.

The openings and improvements already made are large and extensive, demonstrating the great extent of the deposits, and the best manner of working them in the future. The indications of the magnetic or dip needle, which when it falls to 90 degrees on this property, has invariably pointed to deposits of ore of standard shipping quality (67 per cent.), show very large bodies of ore which no attempt has yet been made to develop, and upon which mining can profitably be carried on for many years. No other equally well known valuable and extensive iron property in the Lake Superior Region has ever been offered for lease, and the present will be found an extremely favorable opportunity for ore consumers, who wish to control their own supply.

Every facility will be offered for examination of the property and its improvements by parties desiring to lease. About 15,000 tons of standard ore, which has been mined during the winter, will be retained by the owners; but a very large amount of 50 per cent. ore (about 75,000 tons) will become the property of the lessee, subject only to the royalty which may be agreed on.

Parties who desire to lease are invited to visit the mines in person, but any preliminary information which may be wanted will be furnished on application to EDWARD BREITUNG, Vice-President, Saganaw, Mich., or SAMUEL P. ELY, Secretary, Marquette, Mich.

295tf

Potatoes, Provisions.

MINNESOTA SPRING WHEAT FLOUR

MICHIGAN WHITE WHEAT FLOUR

Rope, Twine, Cordage, Blocks, Oars, Tar, Pitch, Oakum, Canvas, Palms, Needles.

BLOSSBURG COAL, SOFT COAL, ANTHRACITE

COAL!

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Cure for Fits.

FITS CURED FREE!! Any person suffering from the above disease is requested to address Dr. Price, and a trial bottle of medicine will be forwarded by express, FREE!

Dr. Price is a regular physician, and has made the treatment of FITS OR EPILEPSY a study for years, and he will warrant a cure by the use of his remedy. Do not fail to send to him for trial bottle; it costs nothing, and he WILL CURE YOU, no matter of how long standing your case may be, or how many other remedies may have failed. Circulars and testimonials sent with FREE TRIAL BOTTLE. DR. CHAS. T. PRICE, Address, 281-332 67 William Street, New York.

Medical.

Consumption Cured. To the Editor of the Mining Journal: Esteemed Friend:—Will you please inform your readers that I have a positive

CURE FOR CONSUMPTION and all disorders of the Throat and Lungs, and that, by its use in my practice, I have cured hundreds of cases, and will give

\$1,000 00 for a case it will not benefit. Indeed, so strong is my faith, that I will send a sample, FREE, to any sufferer addressing me. Please show this letter to any one you may know who is suffering from these diseases, and oblige, Faithfully Yours, DR. T. F. BURT, 281-306 69 William St., New York.

Miscellaneous.

SAFETY FUSE. C. H. CALL,

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Celebrated Safety Fuse.

Superior Mining, Single and Doubled Taped Fuse 1 1/2 days in full supply. Orders by mail will receive prompt attention. 263-37

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CAST STEEL,

THE CHOICEST

Residence Lots

To be found in the City of Marquette, are those situated in that

BEAUTIFUL GROVE,

Offered for Sale,

For the first time. Prices are moderate, and terms liberal to those who wish to purchase for immediate improvement. I also have for sale lots in the southern part of the town, in the vicinity of the Carp River Iron Works, and near to the Rolling Mill and Stone Quarries. Also lots in the western part of the city near the Railroad shops. 292tf HIRMAN A. BURTT.

WHITNEY, COOK & CO.

MANUFACTURERS OF Boots and Shoes,

No. 312 Broadway, New York.

A full supply of Men's and Boys', Women's, Misses' and Children's Shoes of all kinds. Also

MINING BOOTS,

Rubber Boots, Shoes and Arctics

CONSTANTLY ON HAND.

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AND TELEGRAPHIC INSTITUTE. 288-339

LIVERY,

BOARDING AND SALE STABLE, Front and Superior Streets, MARQUETTE, MICH.

CULBERT & READ

Having purchased of T. T. Hurley his entire livery establishment, has a new stock of horses, buggies and carriages, and the old and new patrons of the concern can always rely upon finding on hand

First Class Rigs.

Carriages furnished for private parties and funerals. 299-311

WHITE STAR LINE

CARRYING THE UNITED STATES MAIL. The magnificent new and full-powered steamships Republic, Baltic, Adriatic, Britannic, Oceanic, Celtic, etc., sail from New York on Saturdays and Liverpool on Thursdays. Rates as low as any first-class line. Drafts on Great Britain and Ireland from \$1 upwards. Office, 97 South Clark street, Chicago. ALFRED LAGEBREN, Agent. CITIZENS' BANK, F. M. Stone, Cashier, 260-341 Marquette, Mich.

Dated on the fourth day of April, 1874. P. O. CLARK, Editor for Mortgages. 298y13

NEGAUNEE.

Table with 3 columns: CHICAGO & NORTHWESTERN RAILWAY, GOING NORTH, ARRIVE, LEAVE, GOING SOUTH, ARRIVE, LEAVE.

WANTED.—A good printer, at this office immediately, to whom good wages and steady employment will be given.

PITCHING pennies is becoming a favorite amusement here.

MICHAEL TOBIN, an old resident of this city, was buried on Tuesday.

Our banks refuse to take Iron Cliffs 70 days' sight and four months' paper.

TIMOTHY DORRIS has been appointed marshal in place of Mr. H. O. Peck.

ABOUT six inches of snow fell here during Tuesday night and Wednesday morning.

MR. HANK SHOULDRICE, of Berea mine, showed his genial countenance in our city on Wednesday last.

TOM HANLEY's place, on Gold street, is almost completed. He expects to occupy and open it next week.

MR. C. G. GRIFFEY, of the Iron Herald, left Thursday morning on a two weeks' trip. He intends going to Philadelphia before returning.

THE firm of Drs. Crucial & Swain, who had charge of the hospital here, have dissolved. Dr. Swain has an office over Mr. Bengley's clothing store.

TOM TAYLOR's dog Rover has gone the way of all flesh. It was found that instead of being shot, as was at first supposed, he was stabbed in several places with a knife.

MR. JOHN MCLVEY intends erecting a brick building with a stone front on Iron street. It will be two stories high, twenty-four and one-half feet frontage by eighty feet deep.

THE Green Bay store is being painted and fixed up inside. We understand the store will not be closed up, as intended, but will be carried on by Mr. Pettibone, who has bought out the stock.

SOME parties here are negotiating for a lease of the house on the corner of Iron street and Teal Lake avenue, lately used as a hospital. If they are successful in securing it they intend opening a first-class hotel—something we are very much in need of.

MR. KIRKPATRICK, of the Cascade company, arrived here on Thursday last, but, so far as we can learn, has made no arrangements for the redemption of their money. However, they have opened their store, and will take their money at par in payment for goods.

HILVER & STOPPENBACH took possession of the store which they lately bought of Mr. O'Neil on Thursday. They intend raising it higher, putting in a new front, floor and ceiling, also new counters and shelves; in fact, to give it a thorough overhauling preparatory to opening it with a large stock of groceries, provisions, &c.

BILLIARDS.—I challenge Edward Bidson, of Marquette, to play a game of billiards—four-ball American game—fifteen hundred points, for one hundred dollars—game to be played in Winters' Hall, two weeks after acceptance of this challenge. Proceeds to go to the winner of the game.

CHAS. M. SINGLAI.

At a meeting of the Common Council, held on April 9th, Mr. W. P. Healy resigned his position as city attorney, and Mr. J. Q. Adams was unanimously elected his successor.

The committee appointed to confer with Andrew Nolan, in regard to his house and right and title to the lot on which it stands, which is in the way of the proposed street running from Iron street to the bluff south of Teal Lake, report that they have offered him fourteen hundred dollars, or twenty feet west of the line of said street, without any consideration, except the privilege of taking the lot at any price the Jackson company may set upon it.

BUSINESS NOTICES.

WANTED.—\$5,000 of Keystone Iron Company's six months' paper in exchange for Dry Goods and groceries, at W. C. Pettibone's store, Negaunee. W. C. Pettibone offers \$30,000 worth of Dry Goods and Groceries at New York cost to the citizens of Negaunee and Marquette. All iron money taken at par.

FOR SALE.—The subscriber offers for sale either one of the following buildings, on Iron street, Negaunee: One two-story brick store, 21x30, occupied by Julius Jacobson; or A two-story frame house, suitable for saloon and boarding house.

Terms made known by the owner. ADAM GOELZ.

Negaunee Advertisements.

FOR SALE—FOURTEEN GOOD

Heavy Horses, Carts, &c.

Also a lot of

GOOD QUALITY LUMBER,

At the Smith mine.

SMITH IRON MINING CO., Negaunee.

DENTISTRY. DR. A. BRODEUR, DENTIST.

OFFICE OVER DR. CYN'S DRUG STORE, - NEGAUNEE. Teeth extracted without pain by the administration of Nitrous Oxide Gas, which is endorsed by all the best men as the safest anesthetic known.

W. P. HEALY, Attorney at Law,

NEGAUNEE, MICHIGAN.

collections promptly attended to. 250-322

Negaunee Advertisements.

REMOVAL! WOOLNER & WARNER, MERCHANT TAILORS

Have removed to the west store in Laughlin's building, Iron street. We have the very best facilities for making Clothing to order, in the latest styles and best manner.

A large assortment of Piece Goods, including Broad-Cloths, Casimeres, Downings, Scotch, English and American Suitings, Vestings &c., and as fine a line of English Cuttings as is in the country.

Clothing made to order at the lowest rates for cash customers. Call and see us.

Woolner & Warner, 259-302 Negaunee, November, 1873.

Lumber! Lumber!

Having got my new

CASCADE MILL

Into successful operation, I am now prepared to receive and fill all orders for Lumber promptly and on short notice.

Orders addressed to me through the Palmer postoffice will receive prompt attention.

2907f LOUIS SCHWEITZER.

Real Estate, Exploration

AND MINING

Intelligence Office,

NEGAUNEE, MICH.

The subscriber has opened an office at Negaunee for the purchase of real estate, and the exploration of mineral, pine and timbered lands on the Upper Peninsula. Parties wishing to have lands examined and reported upon, either in respect to their mineral or timber resources, will be liberally treated with, and correct reports will be given in all cases. Being myself an old explorer, having spent many years in the woods, during which time I have located some of the most valuable iron lands on the Marquette Range, and being assisted by a corps of old and faithful explorers, confidently offer my services to all who may wish to entrust their explorations to my care.

I have now for sale MINERAL LANDS, on the Marquette Range, to which I invite the attention of iron men seeking investments. Also PINE LANDS in various parts of the Upper Peninsula, selected with the greatest care, and because of their great prospective value.

Correspondence solicited, and the best of references given if required.

297y1 WM. C. MCCOMBER.

MINER'S BANK,

NEGAUNEE, MICH.,

D. G. STONE, Proprietor.

Current and Time Deposits received. Certificates of Deposit issued, bearing interest according to agreement.

Pass Books issued, and deposits of one dollar and upwards credited, and interest allowed on average quarterly balance.

Collections made on all accessible points in the United States or Europe.

Local Collections made and remitted for promptly. Exchange Sold, available in any part of the United States or Canada.

CORRESPONDENTS:

- NATIONAL PARK BANK, New York. HENRY CLEWS & CO, New York. COMMERCIAL NATIONAL BANK, Cleveland. FIRST NATIONAL BANK, Chicago. SECOND NATIONAL BANK, Detroit. FIRST NATIONAL BANK, Marquette.

BILLS OF EXCHANGE

Drawn, payable on demand in the currency of the respective countries, for value of One Dollar to Ten Thousand or more, on the most prominent banks in the principal cities of

- ENGLAND, IRELAND, SCOTLAND, FRANCE, ITALY, SPAIN, PORTUGAL, RUSSIA, POLAND, SWEDEN, NORWAY, DENMARK, GERMANY, HOLLAND, BELGIUM, SWITZERLAND, AUSTRIA, HUNGARY.

Agency

FOR THE

Cunard, Allan, Anchor, Guion, Hamburg American Packet Co., North German Lloyd Ocean Steamer Lines.

Passage Tickets from interior towns of Europe, via principal sea ports, at lowest rates. 250-320

Hardware.

STOVES! Stoves!

Examine the List.

Base-Burning Stoves.

Stewart, Shining Light, American, Light House.

Hard or Soft Coal Heating Stoves.

Magic, Cannon Stove, Globe, Cylinder Brick, Williams' Reflector, open grate.

Wood Heating Stoves.

Diadem, with reversible flues; Box Stoves, all sizes.

Coal or Wood Cooking Stoves.

New American, New Cosmopolitan, Washington, President, New Unity, Golden Harvest.

Wood Cooking Stoves.

An endless variety, which we are selling at greatly reduced prices.

We are also agents for

Chilson's Celebrated Cone Furnace,

Of which we are putting in large numbers.

All in need of any description of Stoves, to heat bedrooms, parlors, offices, or stores, will find it to their advantage to call on us, for we will guarantee better goods, at lower prices, than can be obtained elsewhere.

SCOVILLE & JOHNSON

Everett's Block, Marquette.

Lumber, Lath, Shingles, &c.

EAGLE MILLS.

Having prepared for the season of 1874, the proprietors are prepared to fill all orders for

LUMBER, LATH,

Shingles, Sash,

Doors, Blinds, Mouldings, &c.,

at the lowest rates, and on short notice. We shall make a specialty of

BILL LUMBER AND TIMBER,

Which we can deliver at any point on the Marquette, Houghton & Ontonagon Railroad.

We shall endeavor to deal in a straightforward and manner with all, and hope thereby to secure the patronage of those desiring anything in our line. Orders left at the mill, or directed to us at Morgan post office, are promptly attended to. (2707f) CHASE, READ & BARNUM.

LUMBER.

Having completed my new Circular Saw Mill, and added to it a

Flooring, Lath & Siding Mill

I am prepared to furnish all the above articles, also

SHINGLES,

at lowest prices. I am also

Agent for the American Fence,

A combination of wood and iron—good, cheap and durable. Also agent for the

Best Patent Roofing in Use.

All kinds of hard wood lumber furnished. Will take contracts for building and furnish lumber on time, on good, endorsed notes. Have a large stock of lumber on hand, and am prepared to fill orders same day as received.

DEALER IN REAL ESTATE,

Having always on hand ten or fifteen dwellings to rent or sell.

Yards and Office on BERRY STREET. 295-345 EDWARD FRASER.

MICHIGAMME HOUSE

MAIN STREET.

Michigamme City.

272-323 P. H. SCHWENDEMAN, Proprietor.

ABSTRACT OF TITLE.

Edward Leake,

Notary Public, Commissioner of Deeds, Real-Estate Agent and Conveyancer, has a full and complete Abstract of Title of all lands in Menominee County. Makes and corrects Township and Village Plats. All work promptly and neatly executed. Will also attend to the payment of taxes for non-residents. OFFICE—Room No. 1, Spier's Block, Menominee, Mich. 287y1

Iron Foundry.

Iron Bay Foundry,

D. H. MERRITT, PROPRIETOR,

MANUFACTURER OF

Steam Engines,

BLAST FURNACE,

Mining & Mill Machinery,

Pumps, &c.

IRON AND BRASS CASTINGS

Of every description made to order. Also Babbitt or anti-Friction Metal, for bearings, constantly on hand—home-made and warranted.

HEAVY OR LIGHT FORGINGS.

STEAM BOILERS, SMOKE STACKS, BRECKINGS,

DOORS for bank vaults, WINDOW SHUTTERS,

AND ALL KINDS OF SHEET IRON WORK.

ALSO

Skips, Kibbles, Ore Buckets,

And all kinds of mining and furnace work.

Particular attention paid to repairing. D. H. MERRITT, 284-333 Marquette, April 22, 1873.

Miscellaneous.

THROUGH TRAINS TO NEW YORK!

61 Miles the Shortest Route Between Chicago and New York

IS VIA THE

PITTSBURGH, FORT WAYNE

AND

Chicago Railway,

AND

Pennsylvania Central R. R.

THROUGH LINE. QUICKEST ROUTE TO THE EAST.

Three Daily Express Trains

With Pullman's Palace Through Cars.

LEAVE CHICAGO, FORT WAYNE AND CRESTLINE

On arrival of trains from the West,

FOR PITTSBURGH, HARRISBURG, PHILA DELPHIA, BALTIMORE, WASHINGTON CITY, BOSTON, NEW YORK,

And all principal Towns and Cities in the East.

This route is especially desirable for business men, as it gives them an opportunity to visit Pittsburgh, Philadelphia, New York and Boston the best markets in the East.

Ask for tickets via Pittsburgh, Fort Wayne and Pennsylvania Central Railroad, which can be obtained at all regular Railroad Ticket Offices in the West, at the Company's Office, 43 WEST MADISON STREET, and at Depot, corner Madison and Canal streets, West Side, Chicago.

F. R. MYERS, General Passenger and Ticket Agent, Pittsburgh.

W. C. CLEVELAND, Asst. Genl. Pass. Agent, Chicago.

J. N. MCCULLOUGH, Genl. Manager, Pittsburgh. 208y1

CHICAGO & NORTHWESTERN RAILWAY.

PASSENGERS FOR

CHICAGO,

DETOIT, CINCINNATI, MONTREAL, TOLEDO, ROCHESTER, QUEBEC, CLEVELAND, ALBANY, BALTIMORE, BUFFALO, BOSTON, WASHINGTON, NIAGARA FALLS, NEW YORK, ST. LOUIS, PITTSBURGH, PHILADELPHIA, CALLO.

And all points South and East, should buy their tickets via Chicago and the Chicago & Northwestern Railway.

Close connect ions made with all railroads running East or South from Chicago.

THIS IS THE DIRECT ROUTE FOR

San Francisco,

SACRAMENTO, OGDEN,

Salt Lake City, Cheyenne, Denver, Omaha, Council Bluffs, Yankton, Sioux City, Waterloo, Cedar Rapids, Dubuque, Fort Dodge, La Crosse, Prairie du Chien, Winona, Madison, Milwaukee

Are all on the line of this great road, or are reached by this route with less changes of cars than by any other.

From two to ten fast express trains run each way daily over the various lines of this road, thus securing to the traveler selecting this route sure and certain connections in any direction he may wish to go.

See that your tickets read via this route, and take no other. W. H. STENNETT, Gen. Pass. Agent. MARVIN HOGGITT, General Superintendent. 290

Iron Money,

CERTIFICATES OF DEPOSIT,

GREENBACKS.

Or any other evidence of indebtedness, issued by any responsible company, will be

RECEIVED

For the first payment on lots purchased of me. Long time at low rate of interest given on the balance of payment.

October 30th, 1873. HIRAM A. BURT, 292y1

Doors Sash &c.

H. Gregory & Co.,

Manufacturers of and Wholesale and Retail Dealers in

DOORS, SASH,

Blinds Newel Posts, Balusters, Stair Rail, Mouldings, Brackets.

Turning and Scroll-Sawing

DONE TO ORDER.

Flooring, Ceiling, Siding, Shingles.

Lath, Lumber,

Of all description (a large stock on hand.)

Sawed and Cut

Stone Window Sills,

Galvanized Iron Cornice and Window Caps, Cast Iron Window Sills, Iron Columns and Girders, Terra Cotta Keys, Carbels And Window Caps.

Brick, Lime, Plaster and Hair,

And all other kind of Building Material constantly on hand.

We are better prepared than any other firm in the county for taking contracts for buildings of every description at any point in the county. Parties wishing estimates can depend upon getting low and accurate figures. Special attention paid to jobbing of all kinds; banking offices, insurance offices and store fixtures, a specialty, for the best material and workmanship. Plans, specifications, details, &c., furnished on short notice. All orders, by telegraph or otherwise, will receive prompt attention. All goods put on cars free of charge.

H. GREGORY & CO.,

Manufacturers and Builders, office and factory on Main street, successors to J. W. Wyckoff & Co.

H. GREGORY. J. P. RIDGELL. J. JOHNSON. 294-345

Groceries, Provisions, &c.

MINNESOTA

FLOUR

(WHITE FLEECE.)

ALSO

BEST BRANDS

OF

Michigan & Wisconsin Flour

NEW PROCESS GRAHAM.

CODFISH,

MACKEREL,

SALMON,

OYSTERS.

MURRAY & ROBBINS.

Livery Stables.

THE EXCELSIOR

Livery and Boarding

STABLE

Is now better than ever prepared to furnish on short notice

HORSES,

Double and Single Cutters,

Of the best style, and at the most reasonable rates. Having removed to our new and spacious quarters, and added largely to our stock, we feel justified in asserting that we have the best appointed and most complete livery establishment in the Lake Superior country. Our aim will always be to keep the best stock to be had in the market, thereby insuring satisfaction to our customers. Tourists and pleasure parties will be furnished with competent guides, if desired.

RIGS FURNISHED NIGHT OR DAY.

Funerals Receive Especial Attention.

HORSES BOARDED REASONABLY:

FREEMAN & BRO., Proprietors,

FRONT STREET, NEARLY OPPOSITE FIRST NATIONAL BANK,

MARQUETTE, MICH. 284-36

MARINE ITEMS.

The Peoria Line.—Leopold & Austrian's Chicago and Lake Superior line of steamers will be in readiness to commence the summer's business on the opening of navigation. The line will comprise the steamers Peoria, Joseph L. Hurd and Norman, all old acquaintances among Lake Superior folk.

Overland.—The past winter the Hurd has been thoroughly overhauled, and a full-length cabin built on her. She is now fitted in good style for passenger travel, and, being well known as strongly built and an excellent sea boat, will also occupy a favorable position among steamers.

UNION STEAMBOAT CO.—In our mention of the boats of this line last week the Atlantic, Captain Ed. Mooney; Winslow, Captain Ben Wilkins; Arctic, Captain F. S. Miller; Pacific, Captain Charles McRae. We notice Captain Miller has been transferred from the Atlantic to the Arctic. Captain Ben Wilkins remains in his old vessel.

The steamers Comet and Rocket will be connected with the Union Line from Marquette to Cleveland. The other vessels will ply between Buffalo and Portage Lake. J. T. Whiting, Detroit, is general agent.

Notices has been given that on and after Monday, June 1, 1874, a permanent light will be exhibited from the tower erected on Spectacle Reef, Lake Huron, Michigan, and the temporary light now exhibited will be discontinued. The apparatus will be a lens of the second order of Fresnel, showing alternate flashes of red and white light at intervals of 20 seconds, illuminating the entire horizon. The tower is built of light gray limestone, surmounted by a lantern and railings which are painted red. A square wooden pier, 12 feet above water, surrounds the tower. The focal plane is at a height of 85 feet 3 inches above the level of the lake. The light should be seen in clear weather, from the deck of a vessel 10 feet above the water, 16 1/2 statute miles. The approximate position of the tower, as shown by the United States lake survey chart, is latitude 43 degrees 40 minutes north, longitude 81 degrees 8 minutes west. Detour light bears northeast one-half north, and is distant 16 1/2 statute miles. Cheboygan light bears southwest by west one-half west, and is distant 15 1/2 statute miles. Bois Blanc light bears west by north one-eighth north, and is distant 14 statute miles. The bearings given are true.

The propeller Ira Chaffee, 369 tons, old measurement, has been purchased by the Marquette Tug Company and others, for the route between Marquette and Grand Island. She is said to be a very neat, comfortable passenger boat, supplied with pent's and ladies' cabins, and about twenty state rooms, with a freight capacity of about 400 tons. She will arrive here as soon as it is possible to get through the canal, and go at once upon her route, making a round trip every twenty-four hours. Capt. C. D. Blanchard, formerly of the mail steamer Van Raaite, will be her master.

WARD'S Lake Superior line will consist of tea boats, which will run through to Duluth. The following have already been designated: City of Duluth (new), Keweenaw, St. Paul, City of Fremont, Annie Craig, Jarvis Lord, Phil Sheridan. In addition three steamers have been chartered, but the names have not yet transpired. They will all be ready by the time the ice is out of the Sault river.

Two fine propellers have just been completed at Chatham, Ontario, for Benty's Lake Superior Line, between Sarnia, Fort William and Duluth. They are named respectfully Ontario and Quebec, and will be commanded by Captains Anderson and Trip.

Captain Frowman, formerly of the steamer Saginaw, has been appointed marine inspector for the board of underwriters for this port.

WEATHER.—The weather at Marquette has for a week been quite warm. Early on Tuesday morning a little rain fell, followed on Wednesday by a light snow storm. Monday and Tuesday the south wind perceptibly affected the ice, driving it out into the lake; but it has returned again. At present writing, it is neither freezing nor thawing much.

[By Telegraph.] SAULT STE. MARIE.—Clear and warm. No wind. The prospect is more favorable, but it will be two weeks yet, they say, before ice will move out of river. Ice two feet thick now.

STRAITS OF MACKINAW still unbroken. Teams still crossing on ice. A boat came to within three miles of Cheboygan, a day or two since, and unloaded on the ice. It will be some time before the break up.

WHITE PINE POINT.—No wind. Clear and warm. Ice not broken up in bay at all. It is from one to three feet thick. West of light house large body of water to be seen.

EAGLE RIVER.—Wind south, weather warm. Ice drifting out, but firm along shore. Prospects not very flattering for early opening.

MINING AND INDUSTRIAL NOTES.

There is great excitement in Arkansas, owing to the discovery of rich gold mines on the north fork of the Ouachita river. Miners and adventurers are flocking to the scene.

Beloit, Wis., expects to manufacture this year 6,000,000 pairs of shoes, the same number of barrels of flour and pairs of gloves, 15,000 paper boxes, 5,000 plows, 1,200 windmills, 1,000 reapers, and the same number of iron pumps, and 300 water wheels.

Since the manufacture of steel rails was commenced experiments have been repeatedly made for the purpose of rolling the flange and neck of the rail of iron, and the head of steel. The trouble has been that the steel, which requires less heat than the iron, would scorch in rolling, but an experiment at the Rensselaer works at Troy, New York, a few days ago, appears to have entirely overcome this. The Times of that city states that the success of the rolling depends greatly upon the skill of the heater, and the judicious use of the "damper." The trial was witnessed by a number of leading ironmasters, and the new rail was cut into small pieces and sent to different manufacturers around the country. The wear on rail comes on the head alone, and if that is of steel it answers just as well as a rail made entirely of steel. By this method the cost of rail will also, it is claimed, be materially reduced.

Sturtevant's History of the Lake Superior Iron District has been followed by an Appendix, being a Review of the Mines and Furnaces of the District for 1873. In this appendix accounts are given of the mines and furnaces in so full a manner that a good knowledge of their condition, capacity, management, kind and quality of the ores mined and treated, etc., etc., may be acquired by all who may desire such information. Tables showing the yield of the numerous iron mines and the product of the furnaces are given, together with tables of the product of the Lake Superior copper mines for 1873, and from 1845 to 1874. The silver mines of Ontonagon county likewise receive their due share of attention, as do the stone and slate quarries. To all interested in the Lake Superior region this appendix must prove valuable as a book of reference and information, covering a great deal of ground in a small compass. Price, 50 cents. Published at the Marquette Mining Journal office, Marquette, Mich.—Coal and Iron Record.

MICHIGANISMS.

—Gen. Dwight May, once Attorney General of the State, was recently elected President of Kalamazoo village.

—The temperance crusade continues in the Southern Peninsula, it is fast spreading its force. There is but one remedy for the evil, and that is to be found in a li-

onse law, which will reduce the number of saloons and improve the quality of liquor sold. Total abstinence is a chimerical problem, which will not be solved to the satisfaction of its advocates in this generation or the next.

—The Wyandotte Courier says the proposition to convert one of the charcoal furnaces in that city into a hard coal furnace is being discussed, the object being to obtain hard iron for the manufacture of rails.

—Our friend W. R. Bates, Esq., has accepted an invitation to deliver the oration at the reunion of the Zeta Psi Society, at Ann Arbor, on commencement day. It will be a good one—Bates is not capable of anything less.

—The Midland payers are strongly advocating the damming of Tittabawassee river. We don't know much about the matter, but rather incline to the belief that a river with such a name ought to be dammed.

—A woman whose husband keeps a country tavern a short distance from Saginaw, recently gave birth to triplets—two boys and a girl—the collection weighing 16 1/2 pounds. She had on two previous occasions presented her lord and master with twins, but this time she filled her pair and went him one better.

Rev. Russell B. Richards, well known to citizens in all portions of the State, but more recently of Cheboygan, near this city, died of consumption at the residence of his brother, Rev. A. J. Richards, of Vassar, April 1st.

PARAGRAPHER EDITORIAL.

MR. BELLEVUE, the electionist, has belloved himself out of breath, and is now lying dangerously ill in England.

Real Estate Advance is the title of the last St. Louis newspaper. It is a well printed eight column paper, which we place upon our exchange list with pleasure.

The Merchant and Banker is a weekly reprint of the New York Daily Bulletin, a journal devoted exclusively to business interests. It is a sixteen page paper, containing a large amount of valuable information, and should be a welcome visitor to every counting room in the country.

If cremation is generally adopted, some of the pet phrases of the people will have to be abolished. For instance, those who have said "dead and buried," will hardly wish to say of a friend "He's been dead and burned these ten years." The cream of the joke would be in the fact that the statement might be misconstrued.

SAULT STE. MARIE has had the doubtful honor of developing a defender of special agent Jayne, who has recently made such a bad exhibit in his own behalf before an investigating committee of Congress. This defender is no less a person than the lately decapitated A. P. H., also a "special treasury agent" at the time he wrote his last letter to the Pittsburgh Commercial. Now that his occupation is gone, who will next come to the defense of poor, persecuted Jayne?

To correct the errors of assessors and supervisors in omitting lands from the tax-roll, the Legislature at the special session passed an act authorizing the assessing officer to reassess the omitted lands on the next year's roll. The act is retrospective in so far as it authorizes the reassessment of descriptions omitted in the 1872-3 rolls; and it contains a provision allowing the supervisor for the time being to go back two years and take up any lands inadvertently omitted. This is a very important act, inasmuch as it covers a good deal of land in this and other counties.

THE talk now prevailing about a speedy return to a specie basis hinges upon the declarations of political conventions that were responsible to no vital interests of the country, and were not convened to subvert them, or to the favorite utopian theories of political economists. Wealth consists in production, and if we have the wherewithal to produce something for the world's markets, the country will be enriched whether the means be paper currency or gold. Give us even an inflated paper currency for ten years, and the government can levy taxes enough meanwhile, without burdening the people to pay almost, if not quite, the entire debt, resume specie payment and grow rich into the bargain. But reduce the maximum of circulation—the motive of business—and we shall have glutted markets, idle artisans, hungry laborers and well-filled almshouses.

From data in our possession, in the shape of careful quantitative analyses of nearly every prominent ore deposit in Marquette, Houghton, Menominee and Ashland counties, we still feel warranted in asserting that no 70 per cent. iron ore (in quantity, which was meant) finds lodgment on Lake Superior.—Gazette.

And we know positively that there are many deposits of ore in this county, the great bulk of which show over 70 per cent. of metallic iron, by analysis. We have frequently published in these columns reports of furnaces where the yield of ore was over 64 per cent., which is, of course, much below the assay yield. If the Gazette means to say that we have no ore which will yield 70 per cent. in the furnace, it is right; but it is certainly wrong in asserting that we have none (in quantity) which will show that percentage by analysis.

New Advertisements.

W.M. KEMP, MANUFACTURERS' Commission Agent,

MARQUETTE AND CHICAGO. CHICAGO OFFICE—13 South Halstead St. MARQUETTE OFFICE—Bluff St. Lake Superior Wholesale Agent for the Following Firms: Graham & Co., manufacturing confectioners, Chicago; Chicago Cracker Bakery, Chicago; The Old Honey House Co., Peoria, Chicago; Chicago Pickle Co., Chicago; Jas. T. Kirk & Co., soap, Chicago; Jacob Felsenthal & Sons, paper and paper bags, Chicago; Royal Soap, Chicago; Macaroni & Vermicelli, Chicago; Royal Baking Powder Co., New York.

1874 | Lake Superior | 1874

PEOPLE'S LINE

STEAMERS.

PEERLESS, CAPT. ALLAN MCINTYRE. J. L. HURD, CAPT. THOS. LLOYD. NORMAN, CAPT. JOHN MCLEOD.

The above named steamers will make regular trips during the season of navigation between Chicago, Milwaukee and Duluth, touching at all intermediate ports on Lake Michigan and Lake Superior.

We would call the attention of the Mining and Railroad Companies and Merchants to our Extensive Commission Purchasing Business,

To which we pay special attention, and parties favoring us with their orders

CAN ALWAYS REST ASSURED OF THE VERY LOWEST MARKET PRICE.

As our experience in the purchase of Lake Superior supplies is very large, and our facilities second to none.

LEOPOLD & AUSTRIAN. Managers Lake Superior People's Line Steamers, &c., &c., 37006 CHICAGO AND MILWAUKEE.

Jewelry.

CONKLIN

Has an elegant stock of

HOLIDAY GOODS!

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Gen. Dwight May, once Attorney General of the State, was recently elected President of Kalamazoo village.

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