

THE PORTAGE LAKE MINING GAZETTE.

Issued in the Interest of Mining, Blast Furnaces, Manufacturing, and the General Welfare of the Whole Lake Superior Region

VOL. XIII, NO. 21.—WHOLE NO. 697.

HOUGHTON, LAKE SUPERIOR, MICH., DECEMBER 7, 1871.

TERMS: \$3 PER YEAR.

THE PORTAGE LAKE MINING GAZETTE.

PUBLISHED EVERY THURSDAY BY
J. R. DEVEREAUX,
AT HOUGHTON, PORTAGE LAKE, MICHIGAN.

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CASH RATES FOR ADVERTISING.

One Square (10 Lines)	100
Two Squares (20 Lines)	200
Three Squares (30 Lines)	300
Four Squares (40 Lines)	400
Five Squares (50 Lines)	500
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BANKERS AND BROKERS.

BECK BROTHERS.

Successors to Deppes, Bank & Scales,
HOUGHTON, MICHIGAN.

For the purchase and sale of every description of STOCKS AND BONDS in the markets of Europe, New York and Philadelphia. No. 11 Duane Street, New York. JAMES BECK, JR., Proprietor.

COMMISSION HOUSES.

A. T. SPENCER,

Commission Merchant,

DEALER IN LAKE SUPERIOR SUPPLIES.

Agent for Chicago, Milwaukee and Lake Superior
LINES OF STEAMERS.

Office and Dock Foot South Lake Street, Chicago, Ill.,
No. 100 North La Salle Street, Chicago, Ill.,
1849.

GENERAL MERCHANDISE.

FOLEY BROS. & CO.,

DEALERS IN
GENERAL MERCHANDISE

HOUGHTON, MICH.

Attention to the public that they have a large and complete stock of

A WHITE-PINE BALLAD.

BY EAST BAY.

Recently with Samuel Johnson this occasion I improved,
Whereby certain parts of affluence, I hear, were greatly
But not all of Johnson's folly, which multiplied by ten,
Could compare with Milton Perkins, late an owner in
White Pine.

Johnson's folly to be candid—was a wild desire to treat
Every male white wither he met upon the street,
And there being several thousand—but the subject who
That left the noble Perkins in a week without a cent.

Milton Perkins, said the sirs, 'not by what I admit
But the instant that flashes from your eyes of opal fire;
And methinks the same those hearts rarely can be met,
And, unless our Milton Perkins' Milton Perkins have
But I give you to think, that even then, as so was writing
The tear of sensibility in Milton Perkins' eye,
The original in the dimpled cheek, and that his wife of
Did seem to have of children a most mysterious train.
Though that Milton Perkins later in the night was found
With his head in an ash-barrel, and his feet upon the
And he murmured 'Scraps,' and he kissed his hand and
On a parcel went through him, like an unstrung violin.

Now on world's
In the

A man who never liked music was serenaded lately and when called upon for a speech, responded as follows: 'I don't want any (music) but I should be glad to hear you sing.'
A Dubuque printer, named Sanders, is in luck. His uncle in Texas died, and left him a farm of ten thousand acres. (This is really a pretence for having a box of paper collars on credit.)
Mrs. O'Clarence recently fell into the river, but her eyes drew her to the person of Mr. O'Clarence, who, mistaking her in the dark for another woman, worked like a beaver to get her out.—Dudbury, Albany News.
The King of Dahomey attended a grand feast last evening, a quantity of dragged' labels as decorations. This nearly equals a Scotch Sea potato, when the costume consisted of a monarch stamp on his forehead.
In a French court, recently, as a witness was about to give his testimony, the advocate remarked: 'I wish to remark to the Court that this witness is entitled to entire confidence, as he has not had time to consult his lawyer.'
A drunken Scotchman, returning from a salery by the road side, when a fine young fellow was looking his mouth. Having seen the fellow, he asked him: 'What do you see?'
A lady having received a letter from her husband, she read it and found it was a bill for the rent of her house for the month of December.

PRINTING AND BINDING.

Every description of Job Printing and Book Binding done in the best manner and at the lowest possible rates. All the material of the Job Office and Book Binding is now and we are constantly adding to it. The work is done in the office of the Gazette. The above line there is no need of sending orders.

MINING COMPANIES.

REGULAR INVESTMENT IN THE GOLD AND SILVER MINES OF THE GREAT WESTERN MOUNTAINS. CAPITAL \$100,000. DIVIDENDS PAID QUARTERLY.

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GENERAL DEALERS

AND BROTHERS IN ALL KINDS OF SUPPLIES,
OFFERS FOR SALE, AT ALL TIMES,

White Wash, Blue, Ox, Cream, Best Milk, Pure, Sweet, Condensed, Curried, Beans, Peas, Pork, Sausage, Lard, and
Lard, Butter, Eggs, and
Wine, Beer, and
Canned Goods, and
All other articles in stock.

DRY GOODS,

GROceries and Provisions,
Boots and Shoes,
Ready-Made Clothing,
Crocery and Glassware,
CHOICE WINES AND LIQUORS,
DRIED AND CANNED FRUITS, &c.

ALL WHICH WILL BE HAD AT THE LOWEST PRICES AND OF THE BEST QUALITY.

SOLE AGENTS,
JOHN HOAR & BROTHER,
DEALERS IN MERCHANDISE,
HOUGHTON, MICHIGAN.

LEOPOLD & AUSTRIAN,

AGENTS FOR
LIME AND BRICK

HOUGHTON, MICHIGAN.

Some one has been at a cross-word with a woman who has been married for twenty-five years.

A man who has been married for twenty-five years has been at a cross-word with a woman who has been married for twenty-five years.

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SOCIETIES.

HOUGHTON, MICHIGAN.

NOTARIES.

EDWARD F. DOUGLASS,
NOTARY PUBLIC, JUSTICE OF THE PEACE,
HOUGHTON, MICHIGAN.

United States Commissioner

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BANKERS AND BROKERS. BECK BROTHERS. Successors to Duppe, Bank & Bayles, BROKERS.

A. T. DEVEREAUX, Commission Merchant, DEALER IN LAKE SUPERIOR SUPPLIES. Agent for Chicago, Milwaukee and Lake Superior LINE OF STEAMERS.

TOLEY BROS. & CO., GENERAL MERCHANDISE. Dealers in... Houghton, Mich.

A WHITE-PINE BALLAD. By HART BART. Recently with Bangs Johnson this occasion I improved...

A man who never liked music was serenaded lately and when called upon for a speech, responded as follows: 'I don't want any (expensive) kind of looking around me. Gilted Travel!'

SOCIETIES. PORTAGE LAKE MINING GAZETTE. HOUGHTON MINING GAZETTE. HOUGHTON LODGE NO. 28. AND A. M. MEETINGS.

ATTORNEYS. HUBBELL & CHADRON. ATTORNEYS AND COUNSELLORS. Office at Houghton, Mich.

BRADY & CO., COMMISSION MERCHANTS, GENERAL DEALERS AND BROKERS IN ALL KINDS OF SUPPLIES. OFFER FOR SALE, AT ALL TIMES.

DRY GOODS, MILLINERY GOODS, GROCERIES AND PROVISIONS, Boots and Shoes, Ready-Made Clothing, Crockery and Glassware.

PERSONAL AND IMPERSONAL. The girls game now-Yaker. A crowd to view city-Chicago. The best outside sign-'No limit'.

A gentleman traveling in Georgia met an old colored man, on whose hat was encircled the crepe of grief. The gentleman asked: 'You have lost some friend, I see.' 'Well, massa.' 'Was it near or distant relative?' 'Yes, pretty distant—'bout twenty-four miles.'

MINING COMPANIES. A LIBANY AND BOSTON MINING COMPANY. ADRIAN MINING COMPANY. CLARK MINING COMPANY. HENRY COPPER COMPANY.

LIFE, FIRE, MARINE AND Accident Insurance Agents. JUSTICE OF THE PEACE, NOTARY PUBLIC AND COUNTY TREASURER.

Leopold & Austrian, Lake Superior Peoples' Line of Steamers, ONTAGON AND NORMAN, WHOLESALE AND RETAIL DEALERS IN PRODUCE, FLOUR, OATS, BEAN, MIDDLING, LIME AND BRICK.

DESIRED LOTS FOR RESIDENCES. Business Purposes. W. D. WILLIAMS, Attorney of the U. S. & R. R. Company.

FOR SALE. MARGIES SMALL, and Satisfaction Guaranteed to those who favor us with their Orders.

FOR EXAMINATION OF LOTS. A gentleman of something over forty years of age, by the name of Page, found a young lady's glove and handed it to a young man saying: 'If from the glove you take the letter O, the glove is love, and that gives to thee!'

PAINTING. ALEXANDER S. HAMILTON, CLAIN AND ORNAMENTAL HOUSE AND SIGN PAINTER, HANCOCK, Mich.

COUGH SYRUP. MRS. W. H. HARRIS'S COUGH SYRUP. Coughs, Colds, Sore Throat.

BOATS TO LET. TO THE PUBLIC—THE UNDERSIGNED HAS FOR SALE (one) each of the following boats: FIRE-POWER BOAT, FIRE-POWER AND COMBINATION BOAT, DECKERS IN LAKE SUPERIOR.

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THE MINING GAZETTE. THE OFFICIAL PAPER OF MINING AND METALLURGY. J. R. DEVEREAUX, Editor. HOUGHTON, THURSDAY, DECEMBER 7, 1917.

NOVEMBER PRODUCTIONS. The following are the productions from the Calumet & Hecla and Quincy mines during the month of November: Calumet & Hecla... Quincy...

LAKE SUPERIOR COPPER PRODUCTION FOR THE YEAR ENDING DECEMBER 1, 1917. All circumstances considered, THE GAZETTE regards the above list closed as being one of unexampled prosperity in Houghton county. This is especially so far as the production of copper is concerned. The yield of mineral from the

FOREMAN LACE DISTRICT, for the year ending December 1, 1917, was about 12,745 tons, being a low tonnage in excess of the amount produced in 1916. The sources which contributed this large lot of copper are as follows:

Table with columns: Mine Name, Tons, Value. Includes Calumet & Hecla, Quincy, and other mines.

GALENE & HECRA MINE, underground, still exhibits the same richness which has made it a wonder in the annals of mining, while its surface appearance is unimpaired. It is not less than the last. It will be observed that the monthly yield of the mine averaged, throughout the year, 800 tons.

OPERATIONS during the past year at the second mine on the lake, the

RESULTS, have resulted in making available an amount of mineral which will permit the district to produce a handsome profit. With the above production, the mine suggests that it will do its share in the year's work in swelling the copper yield of the district.

As we are going to press, the grain harvest is received in the

MINING, to the bottom of the drift going north. The shaft ground has been opened up in places which have been stripped of the surface soil.

It would be well to say that the mine is not yet in the full swing of its operations. It is expected that the mine will be in full production by the end of the year.

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NOTICE. The following is a notice regarding the production of copper from the Calumet & Hecla and Quincy mines during the month of November.

LAKE SUPERIOR PRODUCTIONS. The American Institute of Architects recently held a meeting in Boston to talk over the subject of fire-proof buildings, when, of course, the late conflagration in Chicago was brought on the carpet, the discussion of which resulted in paying the building and

RESULTS. In an admirable statistical and otherwise acceptable paper, written by a Keweenaw District miner, on rock drilling by machinery, which is published elsewhere in today's GAZETTE, occurs the following sentence which needs explanation: "Cornishmen are good miners, when the machinery they employ is good, but they are just as apt as anyone to know what they do not know is not worth anything."

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Advertisement for 'D. E. HOLIDAY' featuring 'A FU HOLIDAY OF' and 'Gold Watches'. Includes text about 'NANCY GOODS' and 'ALL KINDS OF'.

Advertisement for 'NANCY GOODS' featuring 'Work Boxes, Writing Desks, Cigar Stands, Smoking Sets, Bohemian Ware, Toilet Sets, Gift Boxes, Bronze Goods'. Includes 'Papier Mache Goods, Carved Brackets & Prang's Chromos'.

Advertisement for 'ALL KINDS OF CHRISTMAS TOYS!' featuring 'PIANOS, ORGANS AND MELODEONS!', 'SEWING MACHINES!', and 'FIRST-CLASS'.

Advertisement for 'CHRISTMAS BEER!' featuring 'CALUMET DISTRICT' and 'HOLLAND & PATTERSON'.

Advertisement for 'HOLLAND & PATTERSON' featuring 'NOTICES' and 'THE OFFICE OF THE TOWNSHIP TREASURER'.

Advertisement for 'HAHN BROTHERS' featuring 'A KEG OR BARREL' and 'CELEBRATED'.

Advertisement for 'J. HOAR & BRO.' featuring 'No. 1, RED JACKET' and 'THE FIRST INSTALLMENT'.

Advertisement for 'F. HAHN & BRO.' featuring 'NOTICE!' and 'THE FLAT OF THE VILLAGE OF LANSE'.

Advertisement for 'LIVERY' featuring 'FREEMAN BROS.' and 'LIVERY STABLE & CO.'

Advertisement for 'U. P. R. R. LANDS' featuring 'Cheap Farms! Free Homes!' and 'On the Line of the Union Pacific Railroad'.

Advertisement for 'LAND GRANT OF 12,000,000 ACRES' featuring 'The best Farming and Mineral Lands in America'.

Advertisement for 'LAKE STEAMERS' featuring 'REGULAR LINE!' and 'CITY OF MARSH'.

Advertisement for 'BUILDING MATERIALS' featuring 'A. S. L. SMITH' and 'MANUFACTURERS OF LUMBER'.

Advertisement for 'MORALE & OLDS' featuring 'STEAM SAW-MILL' and 'HANGCOCK, MICH.'.

Advertisement for 'WIRE-ROPE WORKS' featuring 'JOHN A. ROEBLING' and 'A large assortment'.

Advertisement for 'SADDLERY' featuring 'BENJAMIN WEBER' and 'DANIEL HARRIS'.

Advertisement for 'SADDLERY' featuring 'BENJAMIN WEBER' and 'DANIEL HARRIS'.

THE MINING GAZETTE, THE OFFICIAL PAPER OF BRITISH AND AMERICAN MINERS, J. H. DEVEREAUX, Editor.

NOVEMBER PRODUCTS.

Table of copper production for November, listing quantities and values for various mines and districts.

LAKE SUPERIOR COPPER PRODUCTION FOR THE YEAR ENDING DECEMBER 1, 1871.

Summary table of Lake Superior copper production for the year ending December 1, 1871, including total production and value.

PROFITABLE YEAR.

Article discussing the profitable year for the mining industry, particularly focusing on the Lake Superior region.

LAKE SUPERIOR PRODUCTION.

Detailed report on Lake Superior copper production, including statistics and analysis of market conditions.

LAKE SUPERIOR PRODUCTION (Continued).

Continuation of the report on Lake Superior copper production, detailing specific mines and their output.

LAKE SUPERIOR PRODUCTION (Continued).

Further details on Lake Superior copper production, including discussions on transportation and market trends.

LAKE SUPERIOR PRODUCTION (Continued).

Continuation of the report, focusing on the impact of weather and other external factors on production.

LAKE SUPERIOR PRODUCTION (Continued).

Final part of the report on Lake Superior copper production for the year, summarizing key findings.

DRILLING COPPER.

Article discussing the challenges and techniques of drilling for copper, including discussions on machinery and labor.

LAKE SUPERIOR PRODUCTION.

Continuation of the report on Lake Superior copper production, focusing on the role of different mining companies.

LAKE SUPERIOR PRODUCTION.

Further details on Lake Superior copper production, including discussions on the quality of the ore and the efficiency of the extraction process.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the economic aspects of copper mining and the impact of market fluctuations.

LAKE SUPERIOR PRODUCTION.

Further details on Lake Superior copper production, including discussions on the role of government and the mining industry.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the future prospects of the copper mining industry.

LAKE SUPERIOR PRODUCTION.

Final part of the report on Lake Superior copper production, summarizing the overall state of the industry.

LAKE SUPERIOR PRODUCTION.

Continuation of the report on Lake Superior copper production, focusing on the impact of international trade.

LAKE SUPERIOR PRODUCTION.

Further details on Lake Superior copper production, including discussions on the role of technology in mining.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the environmental impact of copper mining.

LAKE SUPERIOR PRODUCTION.

Further details on Lake Superior copper production, including discussions on the role of labor unions.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the historical context of copper mining in the Lake Superior region.

LAKE SUPERIOR PRODUCTION.

Final part of the report on Lake Superior copper production, summarizing the key challenges and opportunities.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the global market for copper and the impact of various countries.

LAKE SUPERIOR PRODUCTION.

Further details on Lake Superior copper production, including discussions on the role of the mining community.

LAKE SUPERIOR PRODUCTION.

Continuation of the report, focusing on the future of the mining industry and the role of innovation.

LAKE SUPERIOR PRODUCTION.

Final part of the report on Lake Superior copper production, summarizing the overall outlook for the industry.

NEW ADVERTISEMENTS. D. E. WASHBURN FULLY RECEIVED.

HOLIDAY GOODS! OF EVERY DESCRIPTION.

- List of holiday goods including watches, chains, rings, and various jewelry items.

SILVER AND PLATED WARE OF ALL KINDS.

- List of silver and plated ware including spoons, forks, and various household items.

FANCY GOODS! Work Boxes, Bohemian Ware, Toilet Sets, Gilt Boxes, Bronze Goods.

Paper Mache Goods, Carved Brackets & Frang's Chromos.

ALL KINDS OF CHRISTMAS TOYS!

MOSOS, ORGANS AND MELODEONS! FIRST CLASS.

TEN WARE. TEN WARE AT WHOLESALE AND RETAIL.

Advertisement for Ten Ware, a type of tinware, listing various items and prices.

STAGES. UNITED STATES MAIL STAGE LINE.

Advertisement for the United States Mail Stage Line, providing details on routes and schedules.

EVERY MORNING. IMMEDIATELY AFTER THE ARRIVAL OF THE MAIL FROM THE MARQUETTE.

Advertisement for a daily service, likely a newspaper or a delivery service, mentioning Marquette.

LIVERY. FREEMAN BROS. LIVERY STABLE, &c.

Advertisement for Freeman Bros. Livery Stable, listing services and contact information.

U. P. R. LANDS. Cheap Farms! Free Homes!

Advertisement for U.P.R. Lands, offering cheap farms and free homes, including details on land availability and location.

LAKE STEAMERS. 1871.

Advertisement for Lake Steamers, providing information on routes, schedules, and ticket prices.

CHRISTMAS TO THE PEOPLE OF Calumet District.

Introduction to the Hahn Brothers' advertisement, addressing the people of the Calumet District.

Advertisement for Hahn Brothers' tools and machinery, listing various items and their quality.

Advertisement for Hahn Brothers' tools and machinery, focusing on the durability and reliability of their products.

Advertisement for Hahn Brothers' tools and machinery, highlighting the variety of their product line.

Advertisement for Hahn Brothers' tools and machinery, providing contact information for their company.

Advertisement for Hahn Brothers' tools and machinery, emphasizing the value and quality of their tools.

Advertisement for Hahn Brothers' tools and machinery, listing specific products and their uses.

Advertisement for Hahn Brothers' tools and machinery, focusing on the craftsmanship of their tools.

Advertisement for Hahn Brothers' tools and machinery, providing a list of their products and prices.

Advertisement for Hahn Brothers' tools and machinery, emphasizing the long history and reputation of the company.

Advertisement for Hahn Brothers' tools and machinery, providing information on their retail and wholesale prices.

Advertisement for Hahn Brothers' tools and machinery, listing their agents and distributors.

MORALETT & OLDS' STEAM SAW-MILL, HANCOCK, MICH.

Advertisement for Morallett & Olds' Steam Saw-Mill, providing details on their equipment and services.

Advertisement for Morallett & Olds' Steam Saw-Mill, focusing on the efficiency and power of their saws.

Advertisement for Morallett & Olds' Steam Saw-Mill, highlighting the quality and durability of their machinery.

Advertisement for Morallett & Olds' Steam Saw-Mill, providing contact information for their company.

Advertisement for Morallett & Olds' Steam Saw-Mill, emphasizing the value and savings offered by their equipment.

Advertisement for Morallett & Olds' Steam Saw-Mill, listing various models and specifications.

Advertisement for Morallett & Olds' Steam Saw-Mill, focusing on the safety features of their machinery.

Advertisement for Morallett & Olds' Steam Saw-Mill, providing information on their delivery and installation services.

Advertisement for Morallett & Olds' Steam Saw-Mill, emphasizing the long-term benefits of their equipment.

Advertisement for Morallett & Olds' Steam Saw-Mill, listing their contact information and office location.

Advertisement for Morallett & Olds' Steam Saw-Mill, providing details on their financing options.

Advertisement for Morallett & Olds' Steam Saw-Mill, focusing on their commitment to customer satisfaction.

Advertisement for Morallett & Olds' Steam Saw-Mill, listing their products and services.

Advertisement for Morallett & Olds' Steam Saw-Mill, providing information on their reputation and awards.

BOUGHTON COUNTY CHURCH DIRECTORY.

Village of Houghton. Episcopal Church—Rev. E. Sawyer. Services every Sunday morning at 11 o'clock. Sunday school at 10 o'clock. ... Baptist Church—Rev. C. G. Clark. Morning service, 10 o'clock; Sunday school, 9:30. ... Methodist Church—Rev. J. E. ...

FROM LOWER MICHIGAN.

Kind Words for the Gazette—Inquiring After the State of Weather.—The State of Michigan is in a very interesting condition. The weather has been so good here that the people are all well and happy. The crops are all well and the people are all well. ...

ORNAIMENTAL LETTERS.

Rapid progress of the estimated plan intended for in rolling copper by the Houghton County Copper, Tin & Iron Manufacturing Company. All the machinery necessary to put the mill in operation is being ordered. ...

Copper Rolling Mill.

Rapid progress of the estimated plan intended for in rolling copper by the Houghton County Copper, Tin & Iron Manufacturing Company. All the machinery necessary to put the mill in operation is being ordered. ...

Business men and others interested about here.

Business men and others interested about here, do you ever think of what will become of the two million dollars which will be invested in the building and manufacturing of a mill? ...

Medical people on P. L.

Medical people on P. L. will appreciate their criticism from one of our Kansas exchanges. 'The concert last evening, Miss Jennie Walters was enthusiastically received, with the song that brought in My Little Boy. ...'

ADDITIONAL NUMBERS OF THE MINING GAZETTE.

Additional numbers of the Mining Gazette are available for purchase. ...

NOTICE TO SUBSCRIBERS.

Notice to subscribers regarding subscription rates and terms. ...

ARRIVALS AND DEPARTURES.

Arrivals and departures from Houghton. ...

THE FOLLOWING LEGAL BLANKS ARE.

The following legal blanks are available for purchase. ...

LEGAL.

Legal notices and advertisements. ...

How can you get a better education.

How can you get a better education? ...

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How can you get a better education.

How can you get a better education? ...

How can you get a better education.

How can you get a better education? ...

Advertisement for Blacksmithing and Shoeing, including contact information for H. F. Gillett and details about horse shoeing services.

PARTICULAR ATTENTION PAID TO HORSE SHOEING.

Houghton County Church Directory.

Village of Houghton. Methodist Episcopal Church, Rev. E. S. McLaughlin, pastor.

Village of Hancock. Methodist Episcopal Church, Rev. F. M. M. Gault, pastor.

Methodist Episcopal Church, Rev. G. W. Harlow, pastor.

Methodist Episcopal Church, Rev. G. W. Harlow, pastor.

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Methodist Episcopal Church, Rev. G. W. Harlow, pastor.

Kind Words for The Gazette.

Editor of the Gazette—Your paper, rich and varied, is one of the best of its kind.

Your paper is full of interesting news and information.

It is well written and easy to read.

I have enjoyed reading it very much.

Keep up the good work.

Yours truly,

(Name and address)

(Name and address)

(Name and address)

(Name and address)

(Name and address)

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(Name and address)

ORNA MENTAL TOLLS ON HARRY'S, At Christmas.

Can't you see around here a number of beautiful Christmas decorations?

These are the ornaments that Harry's has for sale.

They are made of glass and are very beautiful.

Buy some now while they are cheap.

Harry's is the place to buy.

(Address and phone)

Copper Rollins Mill.

Rolling progress is being made in putting up the extensive plant for rolling copper.

The mill will be ready for operation in a few weeks.

This is a big undertaking.

(Address and phone)

Business men and others interested about here.

To what cause are you not returning? A respectable citizen of Lake Superior is now at the head of a large number of men.

There is a great need for money.

(Address and phone)

LEGAL.

Notice of the sale of land.

(Address and phone)

(Address and phone)

(Address and phone)

(Address and phone)

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LOOK TO YOUR INTEREST!

Blacksmithing. E. F. Gillett.

(Address and phone)

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HOUGHTON COUNTY GIBBER DIRECTORY.

Village of Houghton. Principal Citizens. ... W. H. Stricker, Houghton Post office. ...

FROM LOWER HIGHWAY.

Kind Words for The Gazette-Inquiring After the State of the Weather. The State of the Weather. ...

ORNAMENTAL LETTER SETS AT HARRY'S, FOR CHRISTMAS PURPOSES.

Can any one around here detect a number of sets of ornamental letter sets at Harry's, for Christmas purposes. ...

Copper Rolling Mill.

Progress is being made in putting up the extension and under the supervision of the Houghton County Copper, Tin & Iron Manufacturing Company. ...

A NEWSPAPER FOR LAKE SUPERIOR.

A glance over the columns of today's GAZETTE will give its readers, at home and abroad, a very fair idea as to who the business men are on Portage Lake and H. J. Washburn informs the public. ...

TO WHAT USES ARE WE TO RETURN?

What uses are we to return? A goodly number of citizens of Lake Superior are now about to be called upon to vote in the election. ...

ADDITIONAL NUMBERS OF THE MINING GAZETTE.

As requested by W. H. Stricker, Houghton Post office. ...

NOTICE TO SUBSCRIBERS.

The letters marked with a small triangle in the right hand corner of the first page of this issue of the Mining Gazette are hereby notified. ...

ARRIVALS AND DEPARTURES.

From Marquette and Lake Superior. ...

THE FOLLOWING LEGAL BLANKS ARE

Printed and on hand for sale at this office. ...

RECEIPTS.

Received of Mr. J. H. ...

LEGAL.

Notice of Sale of Real Estate. ...

RECEIPTS.

Received of Mr. J. H. ...

RECEIPTS.

Received of Mr. J. H. ...

RECEIPTS.

Received of Mr. J. H. ...

RECEIPTS.

Received of Mr. J. H. ...

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RECEIPTS.

Received of Mr. J. H. ...

RECEIPTS.

Received of Mr. J. H. ...

The secret of Mr. Stewart's Success. Probably the most striking instance of adherence to a few rigid rules is afforded by the man who is...

First and foremost to stand upon the fact that Mr. Stewart took was the rule to permit no delegation of authority...

In Mr. Stewart's well established business the clerks have no opinion whatever in the regulation of prices...

One-tenth of the terror of shopping take their flight at the view of these rules, and husbands can pluck up courage to go with their wives when they understand there is to be no bargaining and haggling...

There is still another rule with Mr. Stewart, which has immediate relation to the comfort and advantage to the customer, and that is his emphatic prohibition of any importunity to purchasers...

In front of one of the desks the teacher was seated, the examination commenced. The teacher first questioned the class on their regular lesson, and then turned toward Joe...

"This is correct," answered the teacher, "but it is not necessary that you should be in answering, a sitting posture is just as well." Joe was seated and the examination proceeded...

Greely and Scientific Pursuits. Doan Platt was sitting with Horace one afternoon in that little structure of his adjoining the counting-room of the Tribune...

LEGAL. NOTICE IN HERBY GIVEN, THAT THE POLICE...

NOTICE IS HERBY GIVEN, THAT THE POLICE have been directed to take up and sell by public auction, at the residence of...

Table with columns: Section, Town, Range, Acres. Lists land parcels for sale.

Notice is hereby given, that the following described lands, patented to the County of Houghton by the State of Michigan by Act of the Legislature...

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HARDWARE. BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

At HOLLAND & PATTERSON'S, Hancock.

BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

At HOLLAND & PATTERSON'S, Hancock.

BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

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BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

At HOLLAND & PATTERSON'S, Hancock.

HARDWARE AND CUTLERY.

BROWN HARRIS & HOPKINS. ESTD 1856. IMPORTERS OF HARDWARE & CUTLERY.

WATCHES AND JEWELRY. JUST RECEIVED AT THE STORE OF THOMAS D. MEADS.

Mining Machinery. Funkey & Penberthy, MACHINISTS, Portage Lake, Michigan.

Stamping Machinery. Manufactured by F. R. GOTTSCHALK.

Mining Candles. Manufactured by GUSTAVE DEMEL.

Safety-Fuse. PATENT IMPROVED SAFETY-FUSE.

Waterproof Fuse. Specially adapted to Lake Superior mines. Flexible in winter, and unaffected by heat.

Mine Castings. FINE CASTINGS, such as PUMP LIFTS, GAGE RIMS, CAR WHEELS, GATE BARS, etc.

GENERAL MERCHANDISE. SMITH & HARRIS,

HOUGHTON, (L. S.) MICH. DEALERS IN STAPLE AND FANCY DRY GOODS, CLOTHING,

HATS AND CAPS. BOOKS, STATIONERY, HARDWARE, GROCERIES AND PROVISIONS, etc.

WE SHALL ENDEAVOR TO SUPPLY OUR CUSTOMERS WITH THE VERY LOWEST MARKET PRICES.

MINING SUPPLIES & MATERIAL. Shall keep constantly on hand all kinds of...

HAZARD'S BEST BLASTING POWDER. SUPERIOR ARTICLE OF SAFETY FUSE.

STEEL. From Diamond Steel Works, Pittsburgh; WEST'S FORCE AND FIRE PUMPS.

SAFETY FUSE. Warranted superior to any other used; BRASS WIRE-CLOTH.

JACKSON & WILEY. IRON AND BRASS. Founders and Machinists. Ciffard's Boiler Injector.

The Secret of Mr. Stewart's Success. Probably the most striking instance of adherence to a few rigid rules is afforded by the man who is conceded to be the mercantile world of this continent.

First and foremost in the stand which Mr. Stewart took was the rule to permit no misrepresentation of goods. Purchasers were not slow to find out that in his establishment there need be no fear of imposition.

Whether they were particularly acquainted with the nature of the goods which they wished to purchase, or were entirely ignorant on the point, they were sure of having the truth told. Mr. Stewart had it thoroughly understood by all his clerks that they must tell the truth.

There is still another rule with Mr. Stewart, which has immediate relation to the comfort and advantage to the customer, and that is his emphatic prohibition of any imposition to purchasers.

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LEGAL. NOTICE!

NOTICE IS HEREBY GIVEN THAT THE FOLLOWING DESCRIBED LANDS will be sold at public auction, to wit: Section 1, Township North, Range West, of No. 4, D. 1911, with its contents as shown on the plat of the same, in accordance with the following resolution passed at the last annual meeting of the Board of Supervisors:

Resolved, That the following described lands, patented to the State of Michigan, by Act of Congress, approved August 12, 1811, be sold at public auction, at the minimum price of one hundred dollars per acre:

Table with columns: Section, Township North, Range West, No. of ac. or fr. of ac., Price. Lists land parcels with their respective acreages and prices.

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Table with columns: Section, Township North, Range West, No. of ac. or fr. of ac., Price. Lists land parcels with their respective acreages and prices.

Resolved, That the following described lands, patented to the State of Michigan, by Act of Congress, approved August 12, 1811, be sold at public auction, at the minimum price of one hundred dollars per acre:

HARDWARE. BOILER PLATE;

AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

HOLLAND & PATTERSON'S, HARCOCK.

BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

HOLLAND & PATTERSON'S, HARCOCK.

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BOILER PLATE; AN ASSORTMENT OF ROLLED AND CHARCOAL HAMMERED, MADE FROM L. S. IRON.

HOLLAND & PATTERSON'S, HARCOCK.

HOLLAND & PATTERSON'S, HARCOCK.

HARDWARE AND CUTLERY.



WATCHES AND JEWELRY. JUST RECEIVED AT THE STORE OF THOMAS D. MEADE. (Successor to PHILIP ALLEN.)

MUSICAL INSTRUMENTS. VIOLINS, GUITARS, FLUTES, CONCERTINAS, ACCORDIONS.

MINE CANNELERS. HOUGHTON MINE CANDLE MANUFACTORY. F. R. GOTTSCHALK.

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MINE CANNELERS. HOUGHTON MINE CANDLE MANUFACTORY. F. R. GOTTSCHALK.

TOY, BICKFORD & CO'S WATERPROOF FUSE. Specially adapted to Lake Superior mines.

GENTLEMEN'S FURNISHING GOODS. MERCHANT TAILORING ESTABLISHMENT. FALL AND WINTER STYLES.

GENERAL MERCHANDISE. SMITH & HARRIS,

HOUGHTON, (L. S.) MICH. DEALERS IN STAPLE AND FANCY DRY GOODS, CLOTHING, HATS AND CAPS, BOOTS AND SHOES, BOOKS, STATIONERY, HARDWARE, GROCERIES AND PROVISIONS, etc.

WE SHALL ENDEAVOR TO SUPPLY OUR CUSTOMERS AND ALL OTHERS AT THE VERY LOWEST MARKET PRICES.

SHALL KEEP CONSTANTLY ON HAND ALL KINDS OF MINING SUPPLIES & MATERIAL.

HAZARD'S BEST BLASTING POWDER. SUPERIOR ARTICLE OF SAFETY FUSE.

SAFETY FUSE. WARRANTED SUPERIOR TO ANY OTHER MADE.

STEEL. WEST'S FORCE AND FIRE PUMPS.

IRON AND BRASS. FOUNDERS AND MACHINISTS. COR. FIFTH AND WOODBRIDGE STS., DETROIT, MICH.

SMITH & HARRIS. A COMPLETE STOCK OF GOODS, SUCH AS ARE USED IN THE COUNTRY AT ALL TIMES.

LEGAL.
NOTICE!

THE SECRETS OF MR. STEWART'S SUCCESS.
Probably the most striking instance of adherence to a few rigid rules is afforded by the man who is conceded to lead the mercantile world of this continent. Men envy his success who might have stood with him in the race had they but industrially had similar rules.

First and foremost in the stand which Mr. Stewart took was the rule to permit no misrepresentation of goods. Purchasers were not slow to find out that in his establishment there was no fear of imposition. Whether they were perfectly acquainted with the nature of the goods which they wished to purchase, or were entirely ignorant on the point, they were sure of having the truth told. Mr. Stewart had it thoroughly understood by all his clerks that they must, before they sold, be able to give the true name of the article, and he had the injunctions so conspicuously placed that his employees were perpetually reminded of the great rule of the establishment. If a clerk was discovered in an overstatement or a falsehood, he was instantly dismissed. The natural consequence of this course was the rigid self-advertising power of his business. When men and women say, "Go or send there, for you are sure to get just what the article is represented to be," their friends and neighbors are not slow in availing themselves of such an advantage.

The right observance of the "no-price" system was a rule necessarily co-operative with the first. Dealers continue that it is exceedingly difficult to maintain this rule, and where a large proportion of business is transacted on credit it is well-nigh impossible; but when the rule is "pay on delivery," it can be maintained. Content is brought to the household of every customer when he feels confident that he can send a child or a servant to make a purchase, and he will be sure of not only getting the article he wants, but obtaining it on exactly the same terms as if he were to go himself. It is a great thing for a merchant to discover that the money of the poor man is as good as the money of the rich—the cash of the stranger as good as the cash of the acquaintance.

In Mr. Stewart's vast establishment the clerks have no opinion whatever in the regulation of prices; this, they know, can never be taken out of the hands of the employer. Nine-tenths of the errors of shopkeeping take their flight in view of these rules, and husbands can pluck up courage to go with their wives when they understand there is to be no badgering and jangling. There is still another rule with Mr. Stewart, which has immediate relation to the comfort and advantage to the customer, and that is his emphatic prohibition of any imposition to purchasers. Who is there, having had any experience of shopping in a city, that does not feel a kind of terror of a certain class of stores? He retains a vivid impression of his belated bewilderment amidst a babel of recommendations and solicitations, and, at last, in sheer confusion or from the desire to escape, he purchases an article he did not want, and went out of the shop with an impression never to enter it again. But here comes upon the scene a man who has a million of goods than any other shopkeeper, and he offers you the highest production of the art. You are in a dilemma. You are in a dilemma. You are in a dilemma.

GREELY AND SCIENTIFIC FUND.
Donn Platt was sitting with Horace one afternoon in that little sanctum of his adjoining the counting-room of the Tribune. The old gentleman was in one of his chronic conditions of grumble and discontent. He had that morose appearance, so common to him, that made him resemble a blonde miller dressed from the dust of his flour mill, and was expressing his private opinion in a public and somewhat profane way, when a colored gentleman was announced.

CON. ON AFRICA.
The New York Evening Post indulges in the following on the Grand Duke:
It is permissible to say hard things about the Grand Duke, and why is he called on a bottle of Best triple ale like the Grand Duke? Because it is all XXX's.

LEGAL.
NOTICE!

NOTICE IS HEREBY GIVEN, THAT THE FOLLOWING DESCRIBED LANDS WILL BE SOLD AT PUBLIC AUCTION, ON MONDAY, THE 11TH DAY OF DECEMBER, 1871, AT 10 O'CLOCK, A. M., AT THE COURT HOUSE IN Houghton, Michigan, by the undersigned, in accordance with the following description:

Table with columns: Township North, Range West, Section, Acres. Lists land parcels with acreage.

ROLLED
AND
CHARCOAL HAMMERED,
MADE FROM L. S. IRON,
AT
HOLLAND & PATTERSON'S,
Hancock.

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CHARCOAL HAMMERED,
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Hancock.

HARDWARE AND CUTLERY.

BROWN HARRIS & HOPKINS
ROBBERERS OF HARDWARE
180 GREENWICH ST. N. Y.

WATCHES AND JEWELRY.
JUST RECEIVED
AT THE STORE OF
THOMAS D. MEADS,
(Successor to PERLO ALLEN.)
Hancock, Michigan.
Watches, Rings, Pins, Hairpin Rings, Fruit Knives, Silver Castors, Butter Knives, Pocket Knives &c.

CLOCKS
Musical Instruments
VIOLINS, GUITARS, FLUTES, CONCERTINAS, ACCORDIONS,
And a thousand other useful and ornamental articles found in a well-stocked jewelry store.

MINING CANDLES.
HOUGHTON
MINING CANDLE MANUFACTORY.
P. R. GOTTSCHALK,
Manufacturer of
MINING CANDLES.

MINING CANDLES.
Agents of Mining Companies
GUSTAVE DEMEL, Agent for Keweenaw county, Houghton, June 10, 1868.

SAFETY-FUSE.
PATENT IMPROVED
Safety Fuse.
PRICES GREATLY REDUCED!

TOY, BICKFORD & CO'S
New and valuable, Re-argues
WATERPROOF FUSE.
Specially adapted to Lake Superior mines. Flexible in winter, and unaffected by heat.

MERCHANT TAILOR.
FALL AND WINTER STYLES
GENTLEMEN'S FURNISHING GOODS,
Just received at JOHN GIBSON'S
MERCHANT TAILORING ESTABLISHMENT,
Main St. Hancock, Mich.

GENERAL MERCHANDISE.

SMITH & HARRIS,
HOUGHTON, (L. S.) MICH.
DEALERS IN
STAPLE AND FANCY DRY GOODS,
CLOTHING,

HATS AND CAPS,
BOOTS AND SHOES,
BOOKS, STATIONERY, HARDWARE,
GROCERIES AND PROVISIONS, &c.

WE SHALL ENDEAVOR TO SUPPLY OUR CUSTOMERS, AND ALL OTHERS AT THE VERY LOWEST MARKET PRICES.

MINING SUPPLIES & MATERIAL.
Shall keep constantly on hand all kinds of
MINING SUPPLIES & MATERIAL.

SAFETY FUSE
Warranted superior to any other used;
SAFETY FUSE

STEEL,
From Diamond Steel Works, Pittsburgh;
WEST'S FORCE AND FIRE PUMPS

AT THE LOWEST RATES,
WILL SUPPLY
LIME, BRICK, COAL,
AND ALL OTHER HEAVY SUPPLIES

A COMPLETE STOCK OF GOODS,
Such as are used in the country, and will sell at the lowest prices.

The Secret of Mr. Stewart's Success.

Probably the most striking instance of adherence to a few rigid rules is afforded by the man who is conceded to lead the mercantile world of this Continent. Men envy his success who might have stood even with him in the race had he not inflexibly held to similar rules.

First and foremost in the stand which Mr. Stewart took was the rule to permit no misrepresentation of goods. Purchasers were always to find out that in his establishment there need be no fear of imposition. Whether they were perfectly acquainted with the nature of the goods which they wished to purchase, or were entirely ignorant on the point, they were sure of having the truth told. Mr. Stewart had it thoroughly understood by all his clerks that they must tell the truth; and he had the injudicious so conspicuously placed that his employees were perpetually reminded of the great rule of the establishment. If a clerk was discovered in an overstatement or a falsehood, he was instantly dismissed. The natural consequence of this course was the rigid self-advertising power of his business. When men and women say, 'Go or send there, for you are sure to get just what the article is represented to be,' then friends and neighbors are not slow in availing themselves of such an advantage.

The right observance of the 'one-price system' was a rule necessarily co-operative with the first. Dealers confess that it is exceedingly difficult to maintain this rule, and when a large proportion of business is transacted on credit it is well-nigh impossible; but when the rule is 'Pay on delivery,' it can be maintained.

Comfort is brought to the household of every customer when he feels confident that he can send a child or a servant to make a purchase, and he will be sure of not only getting the article he wants, but obtaining it on exactly the same terms as if he were to go himself. It is a great thing for a merchant to discover that the money of the poor man is as good as the money of the rich—the cash of the stranger as good as the cash of the acquaintance.

In Mr. Stewart's vast establishment the clerks have no opinion whatever in the regulation of prices; this, they know, can never be taken out of the hands of the employer.

Nine-tenths of the terrors of shopping take their flight in view of these rules, and husbands can pluck up courage to go with their wives when they understand there is to be no bargaining and haggling.

There is still another rule with Mr. Stewart, which has immediate relation to the comfort and advantage to the customer, and that is the emphatic prohibition of any importunity to purchasers. Who is there, having had any experience of shopping in a city, that does not feel a kind of terror of a certain class of stores? He retains a vivid impression of his helplessness, bewildered almost a babel of recommendations and solicitations until, at last, in sheer confusion or from the desire to escape, he purchases an article he did not want, and went out of the shop with an impression never to enter it again. But here we have a man who never allows his clerks to urge upon millions of dollars worth of goods.

There is no 'hurry either your meditations or your purchases.' The highest production of the weaving mill or the most interesting importation from 'Our Monthly Catalogue' is never hurriedly pushed upon you.

An advertisement, though not new, has sufficient force and power to merit its publication at least once. The following story, though not new, has sufficient force and power to merit its publication at least once.

Joe was seated and the catechism proceeded. 'Who did it save the world?' The pun was again inserted.

'Jesus Christ!' in a louder tone than before, again rising to his feet. 'That is correct, but it does not manifest so much feeling; do be a little more reserved in your manners,' said the teacher, in an expostulating tone of voice.

After Joe had calmed down, examination went on. 'What will be the first division of all wicked men?' was the subject now for consideration, and as the pin was again stuck in, Joe thundered out with a still higher elevation of his body: 'Hell and damnation!'

'My friend, you give the answers to all the questions correctly, but while you are here we wish you to be a little more mild in your words. Do, if you can, restrain your enthusiasm and give a less extended scope to your feelings.'

Greedy and Scientific Pursuits. Doom Felt was sitting with Hoozee once afternoon, that little specimen of his adjoining the counting-room of the Tribune. The specimen was one of his chronic collections of grumble and discontent. He had that mealy appearance, so common to him, that made him resemble a blonde rather than a brown. He had the cast of his four nails, and was expressing his private opinion in a public and somewhat profane way, when a colored gentleman was announced.

'Let him come in,' roared the philosopher, and an aged dandy, clad in broadcloth, gold-rimmed spectacles, and a cane, headed with the same precious metal, stalked in.

'Mister Greedy, I believe?' he inquired. 'Yes, I'm Mister Greedy. What do you want?' was the gruff response.

LEGAL. NOTICE!

NOTICE IS HEREBY GIVEN, THAT THE FOLLOWING DESCRIBED LANDS, BELONGING TO THE COUNTY OF HOOHOUTON, IN THE STATE OF MICHIGAN, BY PATENT UNDER ACT OF CONGRESS, PASSED FEBRUARY 22, 1850, ARE OFFERED FOR SALE AT PUBLIC AUCTION, ON MONDAY, THE 11TH DAY OF DECEMBER, 1871, AT TEN O'CLOCK, A. M., AT THE COURT HOUSE, IN HOOHOUTON, MICHIGAN, AT THE MINIMUM PRICE OF TEN (\$10) DOLLARS PER ACRE.

Table with columns: Section, Township, Range, West. Lists land parcels with acreage.

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Notary Public for Michigan. Dated Sept. 15, A. D. 1871.

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HARDWARE AND CUTLERY.



WATCHES AND JEWELRY. JUST RECEIVED AT THE STORE OF THOMAS D. MEADS.

Watches, Rings, Pins, Fruit Knives, Silver Castors, Butter Knives, Pocket Knives &c.

CLOCKS. Musical Instruments. Violins, Guitars, Flutes, Concertinas, Accordions.

Mining Candles. Houghton Mining Candle Manufactory.

Mining Candles. P. R. Gottstein, Manufacturer of Mining Candles.

Mining Candles. Gustav Delmel, Agent for Keweenaw county, Michigan.

Safety Fuse. Patent Improved Safety Fuse.

Safety Fuse. Prices Greatly Reduced!

Toy, Bickford & Co's. New and valuable, non-explosive.

Waterproof Fuse. Specially adapted to Lake Superior mines.

Merchant Tailor. Fall and Winter Styles of Gentlemen's Furnishing Goods.

Merchant Tailor. Fall and Winter Styles of Gentlemen's Furnishing Goods.

GENERAL MERCHANDISE. SMITH & HARRIS,

Houghton, (L. S.) Mich. Dealers in Staple and Fancy Dry Goods, Clothing, Hats and Caps.

Books, Stationery, Hardware, Groceries and Provisions, &c.

Mining Machinery. Funkey & Penberthy, Machinists, Portage Lake, Michigan.

Samuel F. Hodge, Michigan. Iron Foundry.

High and Low Pressure Engines. For Boilers, Mills, Steamers, Pumping and Hoisting Purposes.

Stamping Machinery. Patented and sold manufacturer of Hodge's Patent Stamps and Rock Breaker.

Foundry and Machine Shop. Castings of any description can now be made.

Pump Lifts. Cages Rims, Stair Bars, Tram Ralls, Shaft Wheels, Car Wheels, Fire Grates.

Mining Machinery. Saw Mill and Steamboat Work. We would express our thanks for past liberal patronage.

Jackson & Wiley, Iron and Brass Founders and Machinists.

Giffard's Boiler Injector. Agents for Deane's Steam Packing and Doyle's Patent Lark Superior Iron Works.

Mine Castings, Pump Lifts, Cages Rims, Car Wheels, Grates Bars, &c.

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