





**RICHARDSON, HILL & CO., BANKERS,**  
 40 Water St., Boston, Mass.  
**STOCKS & BONDS**  
 Bought and Sold in all Markets  
 MEMBERS NEW YORK AND BOSTON STOCK EXCHANGES

**BRIGHT, SEARS & CO.**  
 Stock & Bond Brokers  
 Members of Boston Stock Exchange  
 Commission Orders Executed in All Markets.  
 26 Exchange Building, BOSTON, MASS.  
 Correspondence Solicited

**WILLIAM A. PAINE,**  
 Member Boston Stock Exchange  
**CHAS. H. PAINE,**  
 Member New York Stock Exchange.  
**PAINE, WEBBER & CO.,** Bankers and Brokers,  
 27 State Street, Cor. Devonshire St., Boston, Mass.  
 Buy and sell stocks for cash or on margin. Interest allowed on deposits. Special attention given to Copper Stocks. Direct private wire between Boston, New York and Chicago. Continuous quotations.

**Will C. Brown,**  
 Resident Manager, Marquette, Mich.  
 Correspondence Solicited.

**A. B. TURNER & BRO.,** Bankers and Brokers,  
 16 State Street, Boston, Mass.

Members of Boston Stock Exchange. Stocks bought and sold for cash or carried on margin. Special attention to COPPER SHARES.  
 Correspondence Solicited

**Hornblower & Weeks,** Bankers & Brokers,  
 53 STATE ST., BOSTON, MASS.  
 Members New York and Boston Stock Exchanges  
 Special Attention Given to

**Copper Stocks**  
 N. A. DIVVER, M. A. O'NEIL

**Thos. H. Perkins & Co.,** Stock Brokers,  
 MEMBERS BOSTON STOCK EXCHANGE  
 68 Devonshire Street, BOSTON.

**COOGAN & STROTHER,** Engineers and Contractors,  
 First Class and Exp. Plans HEATING  
 MILWAUKEE, WIS.

**Copper Country Department**

(Additional Copper Country on Page 2.)  
**GIVES NOTICE TO THE GAMS.**  
**SHERIFF WILL INAUERATE A CRUSADE AGAINST THEM.**

The Mineral Range passenger train running between Calumet and Ontonagon was reported wrecked early yesterday afternoon while on the up trip. It was said it ran off the track, the heavy fall of snow being assigned as the cause. The Mining Journal was unable to get the details, and as the wires were down, Superintendents Shields himself had not been informed as to them at the time.

Logging on a big scale. Many camps in the woods along Copper Range road. Angus Campbell, who is engaged in getting out logs on the line of the Copper Range railroad near the Elm River, will soon start shipments of logs over the Copper Range to the Houghton yards. Mr. Campbell expects to bank a million and a half feet of logs in the yards before spring. As soon as navigation opens the logs will be loaded on boats and shipped to the mills at the Soo.

ST. JOHN'S HEARING HELD. LASTS ALL DAY AND HE IS BOUND OVER FOR TRIAL. Dennis St. John, who is so seriously implicated in the Miller fire conspiracy and who was arrested on a charge of arson of a dwelling house, was arraigned before Justice Finn, Hancock, for a preliminary hearing yesterday morning.

COLLEGE OF MINES STUDENTS DECIDE TO ORGANIZE AND THE LEAGUE SEEMS A GO. The Michigan College of Mines will soon be represented by a first-class hockey team and one that will be a close rival to the Portage Lake team. The students at the institution have been aroused to the fact that hockey is the grandest of all winter sports and consequently are very enthusiastic over the prospect of having one of the best teams in the copper country.

GRADUALLY NEARING CALUMET. WILL NOT BE LONG BEFORE CARS ARE RUNNING TO THE RHODE ISLAND AND TECUMSEH.

As soon as the weather is favorable for the work, the Houghton County Street Railway company will start the preliminary surveys for the building of the new trestle at Tecumseh. The structure is to be erected over the Mineral Range tracks at that place in the spring. The trestle will be similar to the one at the Boston; it will be twenty-two feet in the clear, the approaches at each end will be of wood and the first abutments at each end of steel. The length is not yet determined on and will not be until the surveys and other plans are made.

ROTARY PLOW NOT YET NEEDED. In talking yesterday to a gentleman connected with the company, he remarked to The Mining Journal representative that the company has been very fortunate since operations on the line had started. No serious trouble with the snow has been encountered and all of the storms thus far have been handled by the "nose" snow plows. The big rotary plow, such as are used on Western railroads during a heavy fall of snow, has not yet been sent out, as there has been no use for it.

THEATRICAL NOTES. "Hermann, the Great," the world renowned conjurer, will soon appear at the Houghton Armory. The exact date is not yet known by Manager Henrickson. Persons who delight in being mystified and who revel in the occult will find an unending source of joy and wonder in the skillful exhibition of Hermann.

INDOOR BASEBALL. The next game of indoor baseball to be played in copperdom will either take place at the Houghton Armory between the teams of the Calumet Light Guard and the Houghton Light Infantry (Company G) Athletic association, or at Calumet between the Calumet Rivals and the Houghton nine.

AFTER LAGRIPPE—WHAT? Usually a racking cough and a general feeling of weakness. Foley's Honey and Tar is guaranteed to cure the "grippe cough" and make you strong and well. The People's Drug Store.

**TO MINE IN WISCONSIN.**  
**Calumet & Hecla Said to Have Embarked in a New Copper Enterprise.**  
 Reported at Duluth It Will Expend \$2,000,000 in Exploratory and Development Work on the Douglas County Range Near Superior.

It was announced in mining circles in Duluth Wednesday that the board of directors of the Calumet & Hecla Copper Mining company, acting on behalf of that corporation, had obtained a controlling interest in 100,000 acres of land on the Douglas county copper range in Wisconsin, near Superior, and will expend at least \$2,000,000 in exploratory and development work. The land was owned by Frederick Weyerhaeuser and his associates and was originally bought by them for the timber.

The Duluth News-Tribune says it has long been known that copper and gold are to be found on the Copper range but the development work heretofore has been started on account of a lack of funds. Investors were wary of going to any great length in taking their chance of producing a mine. The formation on this range is said to be strikingly similar to that in the upper peninsula of Michigan. A new company is being formed of which Calumet & Hecla is the largest stockholder. The controlling spirits, according to the reports at Duluth the big mining company agreed to go into the deal only on consideration of holding a majority of the stock in the new company, and in return for this privilege they agree to expend the money in development and exploratory work.

WHERE THE COPPER GOES. A large number of people in the copper country often wonder where all the copper that is produced in the mines in this region goes and what it is used for. Much of it, of course, is used for electrical appliances. A street railway of any size, for instance, uses many tons of copper for its line. The street railways of the country have cut an important figure in the way of using copper, but the railroads proper also use considerable of this material. For instance, the Baltimore & Ohio railroad has just placed orders for 100 new locomotives. To finish each locomotive will call for 1,200 pounds of copper or about 120,000 pounds for the whole lot from one shop. A great amount of the metal is also used every year by the railroads for renewals of parts and other repairs on locomotives.

THE MASS MINE'S MILL. Agent Matthews of the Mass mine, while in Boston this week informed the Financial News of that city that the company having the contract for the structural work for the new stamp mill now gives him assurance that the work will be ready for shipment within two weeks. This will ensure the completion of the mill by the first of July next.

FRANKLIN. Some very rich conglomerate specimens taken from the conglomerate lode of the Franklin Junior mine were seen yesterday morning. The stockholders of the company have very good reasons for their hopes in regard to this lode and many are of the opinion that the monthly output of the Franklin will soon reach 300 tons. The railroad tracks to the Franklin Junior have been laid, completing the new branch line to the mine. The regular production of rock from that source will soon commence and it is believed will aid materially in increasing the monthly shipment.

METAL MARKET. Lake ingot is still quoted nominally at 17 cents, but at the same time it is known that several hundred thousand pounds have been sold at 16 1/2 cents. There is no great pressure to sell, and the only suggested weak spot in the situation—if, indeed, it can be called such—is the recent falling off in the export demand, something, however, that will not, it is believed, be long continued. Inquiries for moderate amounts are quite numerous, and the best judges of the situation are generally looking for higher prices for the metal before spring.

ROYALE MILL. The Lake Royale mill is rapidly nearing completion, and in another ninety days will be nearly ready to start work, barring unexpected delays. Monday's \$19 dividend for Boston & Montana is believed by those well informed to foreshadow an aggregate distribution of \$50 for the year.

A labor saving device for separating the rich copper rock from the poor rock is being tried at the Calumet & Hecla's No. 14 shaft, and is meeting with much approval. The Champion mine has over half a mile of drifts, and in this respect is ahead of any other of the new South Range lode formations. The Baltic, Trimountain and Champion, the lode thus far shows a maximum width of forty-five feet and a minimum width of thirteen feet.

PEOPLE WHOSE opinion deserves great consideration continue to assert that standard oil interests are picking up copper stocks both here and in Boston preparatory to a bull movement in these securities.—New York dispatch to Boston Financial News.

THE January production of the Quincy will be the largest in the history of the mine, thanks to the new stamps. Instead of the new mill crowding the mine, as has been unkindly predicted by pessimists, the mine is pushing the mill to its maximum capacity.

UNWATERING at the Michigan is proceeding steadily, and the carefully worked-out plans of the management for the freeing of the old Minnesota from the water that has filled its lower levels for a generation past are being executed with clock-work precision.

IT is hoped to have the Baltic settled in its new mill in season to make a good showing of copper produced for 1901. The completion of the Baltic mill is awaited eagerly by the Champion, which will fall heir to the use of two stamps in the Atlantic mill as soon as the Baltic can dispense with them.

A gentleman closely identified with Standard Oil interests and who is high in political circles openly declared today that of the Lake copper propositions, he looked upon Baltic, Copper Range, Mohawk and Trimountain as the most promising of all the new properties, and that they were already practically assured regular producers.—Boston Journal.

IT is expected that sinking will be resumed at the Winona shortly and that the fifth level will be tested for a continuance of the rich copper chute which offered so much encouragement in the second and third levels. There is also

**Some "Soon-to-be Mothers"**  
 GRIN AND BEAR IT  
 and others have moments of peace and comfort passing through the weary time before confinement.  
 "Mother's Friend"  
 Its beneficent influence makes child bearing a pleasure, as it relieves all nervousness, headache, pains and nausea.  
 "A customer, whose wife used 'Mother's Friend,' says that if she had to go through the ordeal again, and that four times were not too many, she would have done it. C. E. LAYTON, Druggist, Dayton, O."  
 Sent by express paid on receipt of price, \$1 per bottle. Book for expectation of motherhood, 100 pages, 10 cents.  
 THE DRUGGIST & REGULATORY CO., Atlanta, Ga.  
 Mother's Friend is sold by all Druggists.

**IS THIS INTERESTING?**  
 Houghton's Infant Industry Is Now a Month Old and Would Like to Tell You Some Facts About Herself.

It requires five wagons to collect and distribute her work. Twenty-five white people do the business. They occupy 9,400 square feet of floor space and in their short existence have laundered 41,334 pieces of linen. If the collars and cuffs alone were placed end to end along the highway they would reach from the Mining School in Houghton to the city hall in Hancock, there being 1,242 of them. In the total there were enough napkins for each adult in Hancock and Houghton to have one. The whole was done for 318 pleased customers and was put up in 2,320 packages. Was yours in the bunch?  
**SMALL'S LAUNDRY.**  
 A CARD BRINGS A WAGON. PHONE 400.

**A : DELICIOUS : SMOKE !**  
 TRY THE  
**LaFlor de Sheridan, LA VINEDA,**  
 A HIGH-GRADE CIGAR. A CLEAR HAVANA CIGAR.  
 Manufactured by JAMES W. SHERIDAN, 76-78 Wabash Ave. Chicago.  
**M. C. SCULLY,** SOLE AGENT FOR UPPER MICHIGAN, WISCONSIN and MINNESOTA.  
 N. B.—We Handle a Complete Line of Cigars of all Kinds.  
 (7-25-17)

**The Haas Brewing Co.**  
 ESTABLISHED IN 1859, Houghton, Mich.  
 Recently equipped and expanded to the largest and most modern brewing plant in the upper peninsula. Capacity, 200 bbls per day.  
**Fine Table Beer Our Specialty:**  
**"J. E. K." CIGARS** Always Reliable. The Best that Tobacco can produce. 10c, or 3 for 25c. J. E. Kenning & Co., Mfg's, Grand Rapids, Mich.

**INVESTMENT AND INSURANCE AGENCY.**  
 TONTINE SAVINGS ASSOCIATION MINNEAPOLIS, MINN.  
 TURNAGAN ARM GOLD MINING CO., OF SUNRISE CITY, ALASKA.  
 NORTHWESTERN NATIONAL LIFE INSURANCE COMPANY, OF MADISON, WIS.  
 MICHIGAN INDEMNITY SOCIETY, DETROIT, MICH.

**Jos. J. Wirtz, Agent,**  
 Marquette Co. Saving Bank Building, Room 405. MARQUETTE, MICH. (10-17-17)  
**THOS. S. SPRAGUE & SON, PATENTS.**  
 Wayne County Bank Bldg., DETROIT

**SUPERIOR STOCK BEER**  
 SOLD EVERYWHERE  
 YOU KNOW THE REST  
**BOSCH DREWING CO.**  
 LAKE UNDES MICH.



J. F. ZERBEL, Groceries, Everything New, HOME MADE CANDIES, FRESH EVERY DAY.

H. E. BITTNER, Speeding Cutters, Celebrated Commonsense Sleighs, Brower's Patent Sleighs.

H. E. BITTNER, THE GROCER, Cor. 3rd and Superior Sts., Marquette. WRITE FOR PRICES.

WM. DORAIS, FRESH AND SALT MEATS, Also... WOOD Hard or Soft.

HORSES AND NEW MILCH COWS FOR SALE.

MAIL ORDERS PROMPTLY ATTENDED TO, BOTH 'PHONES. (1-10-3m).

PIONEER LIVERY, Wm. Stewart, Prop. Superior street. Opposite depot. Heavy Lumber Horses FOR SALE.

WANTED—FOR RENT OR SALE

FOR SALE—A few cars of green body hard...

FOR RENT—Nicely furnished steam-heated rooms...

WANTED—Girl for general housework at 121 North Front street.

FOR SALE—Spruce stumpage, five to ten...

WANTED—A good, reliable, sober man to sell monuments in the copper country.

FOR SALE—Logging outfit consisting of horses, logging sleds, harness, chains, blankets, etc., belonging to the estate of J. S. F. Leonard, bankrupt.

FOR SALE—Exploring outfit, engine, boiler, drum and iron buckets. Also tubular boiler and iron piping and pulleys.

FOR SALE—Choice building lots in Nester addition for sale cheap for cash, or on time at low rate of interest.

G. R. WATTS, Piano Tuner. Leave orders at G. N. Conklin's Marquette, County Telephone 15 and E. Gritz's Ishpeming.

Drink RICHÉLIEU Java and Mocha Coffee The Finest on Earth. FOR SALE BY JOHN SIEGEL



A GOOD OLD STANDBY

It is what a good roast of beef is, especially when it is prime and fat. Our roasts are cut from the primest cattle raised and the meat is juicy, sweet and delicious.

FRANK W. HATHWAY, PALACE MEAT MARKET.

AN INTERESTING CASE. Parents of Growing Girls Will Appreciate It.

The Story is Told by a Father Who is Grateful for His Daughter's Recovery.

No. 91 Lincoln Avenue, Cortland, N. Y., was once a house of sorrow and sadness. The daughter of George Loucks, the pride of the household, seemed going into a decline as she reached her early womanhood and her condition caused the greatest anxiety in the family.

All the elements necessary to give new life and richness to the blood and restore shattered nerves are contained in a condensed form, in Dr. Williams' Pink Pills for Pale People.

Lower Michigan News.

A tie-up of the coal mines of the Saginaw valley is threatened owing to dissatisfaction on the part of both miners and operators to the scale.

Anthony Mohan and wife were divorced in the superior court at Grand Rapids a year ago. Wednesday both appeared in court and asked that the decree be set aside.

The White brothers, two of the gang who looted Harrington's clothing store at Cassopolis Sunday morning, were brought back from Chicago Wednesday evening by Deputy Sheriff Reed and are now safely lodged in jail.

The robbers who dynamited the safe of Carpenter & Jacobus' bank at South Lyon have not yet been captured, but are thought to be in Toledo.

Mrs. Thomas Harrison, one of Highland's most highly respected citizens, was frightened to death by her horse running away while going after her children at school Tuesday night.

Alfred Devereaux of Cornua was arraigned before United States Commissioner Chapin at Lansing Wednesday on a charge of counterfeiting.

William Gobie, while at work on his farm near Pokagon, a village six miles northeast of Niles, in Cass county, found some lumps of coal, which caused him to believe that coal existed to some extent near by.

ESCANABA MEETING.

U. P. Educational Association Will be There Next Week.

The Upper Peninsula Educational association will hold its annual meeting at Escanaba next week, Jan. 24, 25 and 26. This will be the first time that Escanaba has had an opportunity of entertaining the association and everything possible has been done to insure an interesting program.

School officers' meeting, F. D. Davis, chairman; manual training—Dr. Leonard, Ypsilanti; D. B. Waldo, Marquette; E. C. Thompson, Marquette.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

General Session. "Literature and the Teacher"—Dr. A. Leonard, Ypsilanti; Principal D. B. Waldo, Marquette Normal.

BEST IN ALL THE WORLD!

Paine's Celery Compound the Product of Brains and Medical Experience.

After Years of Study and Application, This Greatest of All Remedies Was Given to Mankind by the Ablest of Modern Physicians—The Host of Worthless Imitators That Follow It.



When the greatest of modern physicians, after years of practice and close scientific study, gave to the science of medicine the most wonderful remedy of the present day, a host of imitators sprang up.

When the greatest of modern physicians, after years of practice and close scientific study, gave to the science of medicine the most wonderful remedy of the present day, a host of imitators sprang up.

Prof. Phelps was born in Connecticut, and graduated from the military school at Norwich, Vt. He studied medicine with Prof. Nathan Smith of New Haven, Conn., and graduated in medicine at Yale.

Prof. Phelps was born in Connecticut, and graduated from the military school at Norwich, Vt. He studied medicine with Prof. Nathan Smith of New Haven, Conn., and graduated in medicine at Yale.

Dr. Humphreys' Palace Livery Stable, FAY & BRICKER, Props.

First-Class Livery Service At all hours First-Class Boarding Stable TEAMS OF ALL KINDS.

FOR SALE: Driving and Draft Horses TO SUIT ANY WANTS.

BLOOD POISON Have You Seen Throat, Purulent Discharge, Ulcers, Itching, Swelling, Pain, etc. Write for proof of cure. We sell the best medicine...





