

# Mining Journal

By A. P. SWINEFORD & CO.

Devoted to the Iron and Industrial Interests of the Country.

MARQUETTE, (L. S.) MICHIGAN, APRIL 8, 1882

THREE DOLLARS PER YEAR.

NEW SERIES, No. 716.

A. P. SWINEFORD,  
A. HORNSTEIN,  
ESTABLISHED IN 1846.

## BUSINESS NOTICES.

**WANTED.**—A good compositor at this office. Two month's work guaranteed, with prospect of a summer's job. Come at once.

**THE NEW DEPARTMENT.**—Markwell, of the Great Star Clothing House, has added a new department to his already extensive establishment, viz., a merchant tailoring department, and will guarantee customers better satisfaction and a saving of fully 25 per cent. on prices paid heretofore for the same class of goods. Call and see for yourselves.

**FOR fine Hosiery go to W. C. Brown & Co's**

**WANTED IMMEDIATELY.**—A few respectable agents to introduce a valuable medicine in the different towns and villages in northern Michigan and elsewhere. It sells equal to tea or tobacco everywhere, especially after its first introduction. First class proof of its virtue and properties can be given in the shape of experience and testimonials. I pay a good commission. Address or call in person at the office, Superior street, Marquette, Mich. A. BERGUSON, 716tf

**WANTED.**—Furnished room for single gentleman. Apply at this office.

**M. TOPOLASKA, of the New York Cash Store,** offers for the coming week a special sale of Dress Goods, Embroideries, Ladies' Underwear, Ribbons, Gents' Underwear, &c. See advertisement on page 5.

**BIRTHDAY CARDS at Miss K. E. Everett's.** 714w3

**TOWN TALK.**—Tar Honey cures cough.

**WANTED.**—A servant girl. Apply at once at the MARQUETTE HOTEL. 714w2

**ALL druggists sell Tar Honey for colds.** 716w2

**EASTER CARDS at Miss K. E. Everett's.** 716w3

**The Foundry Silks delayed on the way from Europe by the breaking of the shaft of "City of London" steamship have arrived at James Moran's, East Water street, Milwaukee, also several cases of stylish spring Dress Goods.**

**WANTED.**—A good man to take care of Horses and Cow and work in garden and yard. EDWARD FRASER. 714w4

**WANTED.**—A first-class girl to do general housework. Good wages paid. EDWARD FRASER. 714w3

**Easter and Birthday cards at Miss K. E. Everett's.** 714w3

**Buy your Crockery and Glassware at E. O. Stafford & Bro's.** 714tf

**A FIRST-CLASS Piano at low figures on easy terms. See Conklin.** 698tf

**Stop that cough with Tar Honey.**

**"PINE LANDS."**—If you have good pine lands you will sell, write to or call on ROBINSON & PLINN of Detroit, Mich. 705m6

**TO WHOM IT MAY CONCERN.**—Process for hardening, refining and toughening common iron and steel so that it will cut glass and still be pliable or chip for drill heads. Horse owners will find it to their interest to inquire of Freeman Bros. as to the value of this process. Diamond drill men inquire at Iron Bay foundry. W. T. LAKE, 715tf Office at Freeman's Livery Stable.

**OUR stock of crockery and glassware for the spring trade is the most complete ever displayed on the peninsula. Our prices, as usual, are the lowest.** 714tf E. O. STAFFORD & BRO.

**THE best cough medicine is Tar Honey.**

**CONKLIN has the agency of STEINWAY PIANOS.** Close Prices guaranteed.

**WHEN you buy a Piano be sure and buy from a responsible dealer who will guarantee the manufacturer's warranty. Call at CONKLIN'S.**

**DRY SLAB WOOD, \$2.50 a cord.** Leave orders at Ransom, Curtis & Marsh's saw mill, or at store of Westlake & Bronson.

**FOR coughs and colds use Tar Honey.**

**PERSONS needing Maple, Birch, Elm, Hemlock, White or Norway Pine Lumber, or Timber of any size, can obtain it by sending in their orders to the undersigned.** EDWARD FRASER. 712w3

**WAGONS.**—B. F. & H. L. Sweet, of Fond du Lac, Wis., are now building a very fine grade of wagons especially adapted for LUMBERING and MINING purposes, with their patent underdraw and tongue balance, which is a great improvement over the old style wagon on a rough summer. They are also building lumber trucks, carts, platform spring wagons, buggies, &c. The above wagons are built of the very best of stock and fully warranted in every particular. Sample wagons can be seen at the COMMON SENSE SLEIGH STAND. All orders promptly attended to.

**T. MORGAN, Agent.** 714tf Marquette, Mich.

**GENTLEMAN fine and fancy hosiery at W. C. Brown & Co's**

**A PRIVATE dispatch from Escanaba at 5:10 last evening reports the "first boat" in sight coming in—name not ascertained.**

## CINDERS.

Well, pedestrians can take to the street, on walk the sidewalks, stills, we suppose.

Monday's election settled it that Marquette is a great town. You can just touch your boots on that!

"Why should we wonder at crime" when it takes a policeman as long to travel two blocks to make an arrest as the criminal requires to cover two miles getting away from the victors. Blame for the cows!

Marquette isn't alone in her glory. The city election in Green Bay also turned on the right of the cows to unrestricted use of the streets and sidewalks, and the result was a boy victory. Blame for the cows!

Forty-two shows will start out to raid the country with the commencement of the circus season, and the people will need to surround up all their forty-two to prepare them for enduring the infliction.

There are eight wards in the city of Fond du Lac, and out of eight democratic caucuses held last week seven were called to meet in saloons. The old party isn't dead yet—not by numerous jugs full.

The very latest thing in circus novelties is a tattooed woman. Any way an eastern showman one on his bills, but cinders is unable to see how the management is going to convince the public that she isn't a fraud on wheels.

A caustic contemporary observes that the rights of the American hog are better cared for in Europe than those of the American citizen. Very naturally. The majority of our representatives abroad have more in common with him.

The principal occupation of the detective in this country seems to be killing Jessie James. It's a slow work that some one of them doesn't turn up with a thrilling tale of the capture of the outlaw in a saloon, and a brazen demand for the reward offered for the deed.

Many unkind things have been said of Blaine during his long period of public life, but nothing that led to the quick like the report that he was going to join Beecher's church. When Jim heard they were reporting that of him he got mad in a minute, and blurted out a "d—d lie." The irony entered his soul at last.

Pope couldn't have been thinking of Marquette when he wrote: "What can enable sots and slaves and cowards to rule the blood of all the Howards!" And yet the lines are not without a certain relevancy to the prospective situation in this municipality.

The Washington reporters are delighted with Tim Howe in his capacity as a cabinet officer. As one of them puts it, "he has a way of putting his feet up on the centre table during an interview in such a manner as to throw a homelike air upon the whole scene, and a tremendously pleasant feature that, in Tim, it stamps the new (postmaster general) a thorough gentleman."

The Milwaukee Sentinel gives this opinion of the municipal election in that city: "Washington Peck, nominee on the working-man's ticket for supervisor in the Seventh ward, Tuesday morning at the city hall, had job orders to get his tickets printed. He inquired of the foreman how many tickets he might be better had printed. The printer replied that he would advise him to get two—one to vote and one to peddle." Thereupon the home missionary left in disgust. "He got left in a disgusted way, too, cinders is pulled to record, the majority against him being something less than a thousand. An honest man may be different from a fireman, but he stands much show of being elected to office in Milwaukee."

Each one of the party had told a story illustrating the perils and hardships of a fireman's life in some days, and the stranger on the outside of the circle of competing yarn-spinners had eagerly listened, as though fascinated by the recital of brave deeds, hairbreadth escapes and wonderful endurance. His present interest in their narratives pleased the company, and after one peculiarly sensational incident had been narrated by the hero of the hour, who had rescued a woman from the upper room of a burning building, four stories high, by climbing up a water spout and letting her safely down with a rope made from his own carpet—he was invited to "jine" when the drinks were ordered. A fireman had to be a man in those days, then we set to work. There was a thread of the conversation after the fire of his thirteenth had been effectually extinguished, and he took another to a river a mile off, and muscle to pull the machine through, and "I was some forty years ago last August," continued he, musingly, "that a fire company I belonged to was called to help pull a machine that started in a town in York state. There hadn't been any rain for a couple of months before, and everything was dry as tinder, and it made it even the ground was parched so that it caught fire all over in spots, wherever the site was full of roots. Well, we got there after a run of twenty-four hours by rail, and pulling the engine two miles from the nearest station to the town—it didn't have railroad connections at that time—and then we set to work. There were fifty other companies on the ground, and when the water gave out we set the engines along one after another, to a river a mile off, and got water by pumpin' from one to another. Talk about hard work—why, when I started for that fire I weighed two hundred and eighty-five pounds, and when we pulled out of there ten days after my weight was just seventy-five. Silence followed for a minute, when one of the listeners remarked: "You must have got frier out so that there wasn't anything but your breath left, mister!" Saved the town! "I spoke," "Only one man came the asswer, sady; "all we could save was one house, and 'twould have been touch-and-go with that if a heavy rain hadn't set in and speckled the town." This ended the chapter of reminiscences for that evening, but cinders noticed that nobody offered to escort the stranger to his room, and he stopped in place when the company broke up and started for home.

**DIED.**—At Lake Linden, April 2nd, Mrs. John Scripture, aged thirty-eight years, seven months and one day. Her funeral took place on the 5th inst., the remains being given sepulture at Marquette.

The City of Cleveland will make two trips per week from Detroit to Mackinac Island and St. Ignace during the coming summer, and will run in connection with the D. M. & M. R. R., carrying both freight and passengers.

The Easter services at the Episcopal church to-morrow will be as follows: Holy communion at 6:30 A. M.; full service at 10:30 A. M., and a children's service at 2:30 P. M. The latter service will be the happy feature of the day, and a programme has been arranged that will interest all who attend.

In this day's paper will be readily seen the advertisement of E. Reau & Son, who announce that they have a plentiful stock of ice stored to supply Marquette all summer. The ice cut is mostly what ice men call second crop and Mr. Reau can guarantee it strictly pure. He has delivered a season's supply to several of our leading citizens, who are well satisfied with the quality. He will be prepared to deliver to business houses and private residences as well as to boats at the docks.

## TOWNSHIP OFFICERS.

Below we give the list of newly elected town officers in the several townships of the county:

**MARQUETTE.**  
Supervisor—Alphonse Bertrand.  
Treasurer—Frederick W. Colles.  
Commissioner of Highways—E. D. Cox.  
Inspectors of Schools—J. W. Wyckoff, Chas. McKeown, Henry Adams.  
Justice of the Peace—Daniel Wayland, for full term.  
Constables—Jacob Fassbender, Elias Giesregen.  
**NECAGUNEE.**  
Supervisor—F. W. Road.  
Clerk—Wm. K. Dunwoody.  
Treasurer—Walter C. Olofin.  
Commissioner of Highways—John Stiekney.  
Inspectors of Schools—John Funke, P. W. Read.  
Justice of the Peace—James E. Covert, Alex. Campbell, Euclid LaTour.  
Constables—Frank Runkler, Mitchell Huilier, Tuffel Charles, Jos. LaFortune.

**RICHMOND.**  
Supervisor—Joseph Kirkpatrick.  
Clerk—Wm. H. Whiteside.  
Treasurer—Thos. Joyce.  
Inspector of Schools—Chas. McGregor.  
Commissioner of Highways—Louis King.  
Justices of the Peace—Thos. Joyce, 1 year; Jno. Jewell, 2 years; Robert Dyer, 3 years.  
Constables—John Richel, Gust. Sanford, Duffield Charles, Daniel King.

**FORSYTH.**  
Supervisor—Jos. F. Stevens.  
Clerk—Louis O. Girard.  
Treasurer—Alex. Wood.  
Commissioner of Highways—Louis O. Girard.  
Inspector of Schools—Lawrence J. Vroman.  
Justice of the Peace—Nicholas Brown, full term.  
Constables—Thos. Cuddy, Thos. J. Brown, Jno. Connors, Basil Raby.  
Overseer of Highways—Dist. No. 1, Thos. Caddy; Dist. No. 2—Thophile Gouge.

**CHOCOLAY.**  
Supervisor—Lorenzo D. Harvey.  
Clerk—Olivet D. Bishop.  
Treasurer—Robt. J. Mahaffy.  
Commissioner of Highways—Laughlin Johnson.  
Inspectors of schools—Thos. Smith, Walter S. Kimmick, Henry Adams.  
Justice of the Peace—Robt. J. Mahaffy, full term.  
Constables—Chas. Kimmel, Albert Foubert, James Goodman, Louis Keep.  
Overseer of Highways—P. Farrell, Julius M. Zerbel, William Knox, Amelia Dupray, Amelia Peilisser, Chas. W. Taylor, Jno. Donahue, Duncan Mathison and Nicholas Oswald, for districts from 1 to 9, inclusive, in the same order as the names.

**ISHPEMING.**  
Supervisor—E. B. Howard.  
Clerk—Thos. Trembath.  
Treasurer—D. F. Wadsworth.  
Commissioner of Highways—Henry Davis.  
Inspectors of Schools—Thos. Higman, Thos. Feich.  
Justice of the Peace—John Scott, full term; C. K. Peltier, to fill vacancy.  
Constables—Richard Bray, Jas. Morrow, Otto Stinson, Jno. May.

**CHAMPION.**  
Supervisor—James Pascoe.  
Clerk—William Hooper.  
Treasurer—Samuel Watkins.  
Commissioner of Highways—Chas. Giamill.  
Inspectors of Schools—Wm. J. Hill, George McAllister.  
Justice of the Peace—Jos. C. Kinsman, full term; Jno. Casey, to fill vacancy; Simon Kinsman, to fill vacancy.  
Overseer of Highways—Simon Kinsman.  
Constables—Joseph Vivian, John B. Walsh, Robert Thomas, Wm. H. Trevarthen.  
Poundmaster—John Bawen.

**MICHIGAMME.**  
Supervisor—Richard F. Ellis.  
Clerk—Chas. F. Thorpe.  
Treasurer—Peter L. Ramquist.  
Commissioner of Highways—Wm. Bell.  
Inspectors of Schools—Allen Matland, one year; Patrick McMahon, two years.  
Justices of the Peace—John Anderson, one year; Andrew Anderson, two years; Jas. Toner, four years.  
Constables—Bent Wigen, Evor Blockton, Thos. Taitton, J. W. Anderson.  
Overseer of Highways—Varence Dube, Dist. No. 1; Charles Brunell, Dist. No. 2.

**ELY.**  
Supervisor—E. A. Maas.  
Clerk—Wm. J. Anderson.  
Treasurer—P. H. McNamara.  
Commissioner of Highways—Joseph Gregory.  
Inspectors of Schools—J. B. Fitzpatrick, Joseph Roberts.  
Justice of the Peace—J. B. Fitzpatrick, Thos. Hannibal Roberts.  
Overseer of Highways—James Sanders.  
Constables—Wm. Hodge, John H. Murphy, Richard Hambley, Peter Ross.

**REPUBLIC.**  
Supervisor—Capt. Peter Pascoe.  
Clerk—Eric E. Extroff.  
Treasurer—George Wilson.  
Commissioner of Highways—James Dower.  
Inspectors of Schools—P. W. Pascoe, Frank D. Veer.  
Justice of the Peace—E. G. Dungey.  
Constables—Wm. Rundle, James McGraw, Wm. Anderson and Nicholas McCrete.

**A QUIET ELECTION.**—Monday's election in this city failed to develop a trace of heat or excitement. The candidates didn't seem to feel a particle of anxiety, and the voters shared their indifference. On the county ticket Mr. Wright had a walk-away for the treasurership, there being no opposing candidate, while it could hardly be said that there was any contest over the municipal ticket proper, that nominated in the city convention Saturday evening going through without opposition save on the mayor. Mayor Pendill's friends in the convention renominated him for the place he had so acceptably filled at the head of our city government, but there was no certainty that he would again accept, and a movement in favor of Jeffrey Coles gained sufficient headway before the polls opened Monday to make it obvious that he was to be the next mayor. Mr. Coles, it may be added, developed considerable strength in the convention. He is an old resident and will make an efficient executive. The desire of mayor Pendill's friends to have him continued in the mayoralty for another year arose from considerations that would probably have a contrary effect on that gentleman himself—they wished to take advantage of his good nature and public spirit a year longer on behalf of the municipality. Since the people have voted to relieve him, mayor Pendill's supporters are satisfied, while mayor Pendill will, we know, be delighted with the news when it reaches him in his sojourning place in the sunny south, where he has passed the winter. It has not taken him until now to learn that he, who serves the public well and honestly does so without thanks, nor could the lesson be impressed upon him in a way less calculated to hurt his feelings than by taking from his shoulders a burden that nothing but a strong sense of his duty as a citizen induced him to take up in the first place and to bear uncomplainingly since. The incoming administration will only have to complete

the good work that he has begun, in the same honest capable manner, to insure itself an enviable place in the esteem of our people.

The vote cast was unusually light. For county treasurer B. W. Wright received in all 255 votes. The vote on mayor stood, Pendill, 207; Coles, 327—majority for Coles, 120. On the balance of the city ticket there was no opposition. The municipal and ward officers elected are: Mayor, Jeffrey Coles; treasurer, C. H. Call; justice of the peace, E. S. Hardy; school inspector, Fred. O. Clarke; constables, Robt. R. French, Tim. M. Donovan. There was no contest over the election of supervisors in any of the wards, those elected being, John Connors in the First, Martin E. Foard in the Second, Jas. Pickands in the Third and Geo. P. Cummings in the Fourth. The aldermen elected for the Fourth ward in the First ward, are Thos. Heffernan in the First ward, Joseph Bolduc in the Second, H. D. Lyons in the Third and Jacob Frei in the Fourth. There was a slight contest in the Second and Fourth wards between rival candidates for aldermanic honors, but no opposition in the First and Third.

**THE SENEY HORROR.**—A telegram received at the offices of the D. M. & M. railroad company in this city on Monday night announced that a man and woman had just been found dead, and were lying in their own blood, in a small one-room shanty near Seney station. Acting upon the information thus received, superintendent McKeown telegraphed to the coroner at Munising, requesting him to hold an inquest as soon as possible, and also asked Dr. Geo. J. Northrop, of this city, to go down and view the bodies. The latter's impression made upon the minds of the men who discovered this brace in death was that both had been foully dealt with, but a closer inspection of the premises, together with the way in which the dead persons lay, showed to the satisfaction of all that the man was a murderer and suicide, and the woman a victim. The shanty, which is situated about a mile east of Seney station and nearly an eighth of a mile south from the track, has but one room, size about 10 x 10, in which was a little old cracked cook stove, a pine bench and a small bed covered with rags, filth and vermin. The woman was upon the bed, dressed and lying upon her back; the face covered with blood which had flowed from only, but fatal, wound—a bullet hole in her right temple. The man lay doubled up on the floor, his head and face covered with blood which had oozed from a similar wound in his own right temple. The theory of murder and suicide is further strengthened by the fact that the faces of both were peppered with powder, showing that the instrument of death had been held close to the head when the shot was fired in each case; and also, that the revolver—an ordinary 32-calibre—lay on the floor in front of the man, all the chambers being empty, save one. The man, whose name is given as Louis Herman, was a foreigner of Teutonic descent, and the victim, a young, dirty and dissipated tyke. The woman, Mrs. Burdette, alias "Tennessee," by which name she was generally known all along the eastern end of the railroad, was his paramour—a vile outcast, who wandered from hotel to hotel, selling her favors for a song or a drink. Both had lived in this hut for nearly two months, and the place was known as a bawdy where only those thoroughly steeped in vice as the keepers could congregate with safety. The coroner's inquest was held on Tuesday. No additional facts being elicited, a verdict was rendered in accordance with the theory above set forth. They were a rotten, polluted pair, but the grave covers them now.

**THE MOULDERS' STRIKE.**—The moulders—nine in number—who have had steady employment, good wages and regular pay at the Iron Bay Foundry, became dissatisfied last Monday, and appeared at the company's office in the forenoon where they asked that their wages be advanced twenty-five cents per day, and at the same time stating that they were not on a strike, but that they would not work until their requests were granted. The manager bade them a pleasant good morning, and they went out on the street to talk the matter over. They soon decided to strike, and made the result of their deliberation known to the foundry management, when they were again allowed to pass out into the world, with a pleasant good morning. Two days in idleness was sufficient for the most of them, and on Wednesday all who were allowed returned to work and prospered. The main instigator of the strike was told to seek other employment, but earnest promises of future faithfulness got him back. Another instigator, but lately arrived from Chicago, and a member of the moulders' union at that place, was the only one whose return was interdicted. All the old hands, residents of this place, are now at work. The men are paid \$2.50 and \$2.75 per day, but they would get \$2.75 and \$3.00. This is the first strike to occur at the Iron Bay foundry since its starting, and as the happiest relations have always existed between employers and employes, and as all honorable demands have been met in an honorable and satisfactory manner, it appears to us, as it now appears to the strikers, to have been as uncalculated as it was unwise. The foreman of the foundry and one moulder were not among the dissatisfied and remained at their work.

**HORATIO SEYMOUR, JR.,** state engineer of New York, has been recently looking for permanent quarters at Marquette, where, the MINING JOURNAL is pleased to announce, he intends to locate as soon as he can find a suitable residence either to rent or purchase. This distinguished bearer of a distinguished name is a nephew of ex-governor Seymour, of New York, and comes here to take active superintendence of the business of the Michigan Land and Iron company, limited, now owners in fee of all the earned portion of the M. & O. land grant unsold at the time of its purchase from the railway company. Mr. Seymour enjoys the distinction of having been the only demo-

crat elected on the state ticket in New York in the memorable state election that placed Cornell in the gubernatorial chair of that great state, but that far from being his only title to consideration, he is a gentleman of fine ability, thorough culture, and sterling integrity, whom it will greatly please us to number among the active business men of the upper peninsula, and to citizenship in our beautiful city.

## METEOROLOGICAL.

SUMMARY FOR MONTH OF MARCH, 1882.

Mean barometer, on the 7th	30.072
Highest barometer, on the 7th	30.738
Lowest barometer, on the 29th	29.398
Mean temperature, on the 29th	37.13
Highest temperature, on the 24th	51.2
Lowest " " " " " " " "	12
Monthly range of temperature, on the 25th, 28th	39.2
Greatest daily range of temp., on the 25th, 28th	31.2
Least " " " " " " " "	4.2
Mean daily range of temperature	15.4
Total rainfall or melted snow, inches	2.73
Number of days on which rain or snow fell	25
Total movement of wind in miles	7,065
Maximum velocity of wind in miles per hour at direction on the 28th	40.8
Number of times the wind was observed blowing from the	

NE	21
SE	13
E	22
SW	15
W	16
NW	31
Number of clear days	1
Number of fair days	15
Number of cloudy days	15
Number of days on which rain or snow fell	25
COMPARATIVE SUMMARIES FOR THE MONTH OF MARCH FROM 1873 TO 1882.	
1873	24.02
1874	24.02
1875	24.02
1876	21.82
1877	21.82
1878	21.82
1879	21.82
1880	21.82
1881	21.82
1882	24.02
Highest temperature	57.0
1873	56.0
1874	56.0
1875	56.0
1876	56.0
1877	56.0
1878	56.0
1879	56.0
1880	56.0
1881	56.0
1882	56.0
Lowest temperature	7.0
1873	4.0
1874	4.0
1875	4.0
1876	4.0
1877	4.0
1878	4.0
1879	4.0
1880	4.0
1881	4.0
1882	4.0
Amount of rainfall or melted snow	1.97
1873	0.44
1874	1.02
1875	1.70
1876	0.35
1877	1.62
1878	1.62
1879	1.00
1880	1.00
1881	3.84
1882	2.75
Dash (—) denotes below zero.	
J. GILLIGAN, U. S. Observer.	

**MATRIMONIAL.**—Judge Hardy united a couple in wedlock last Tuesday morning under circumstances which were anything but agreeable to the groom, but which were eminently satisfactory to the bride, with whom he had, it seems, been more familiar than the statute and the customs of society allow. Dan McKay, the groom, is a fisherman by occupation, and Barbara Singer, the bride elected to become part of him, was a servant girl in a private family up on the hill. Barbara's clothes haven't fitted her well of late, and she accordingly, after Dan had refused to marry her, had him arrested on Monday and lodged in jail. A night in that institution softened him, and in the morning he dispatched a note for Barbara to join him in the court, where he would acquiesce in her demands. She met him, and the judge made them one, as above stated, and now all moves merry as a new cow bell on the sidewalk under the new administration.

An Easter egg-breaking concert will be given at the Methodist Episcopal church, by the children of the Sunday school, on Monday evening next, commencing at seven o'clock. The concert will be immediately followed by a necktie social and oyster supper in the basement. In view of the success of the recent cap social, the extra inducements for a pleasant evening on this occasion, the earnest and commendable efforts of the society to put their house of worship in repair, now that they are out of debt, it is believed they will receive a large and liberal patronage at the coming festival. Another feature of the festival will be the appearance of the celebrated Ishpeming quartette, composed of Mr. and Mrs. V. H. Johnson, Mr. Bundy, and Mrs. V. H. Howard, with Mrs. W. F. Swift as accompanist.

**JNO. F. MACK,** the Washington street butcher and grocer, has been making some substantial and business like changes during the past ten days. The grocery business has been turned over to his son, who has moved the stock into the store next adjoining the old stand on the east. The old store has been fitted up into a first class meat market, with all the modern improvements, and this business will be carried on by Messrs. Mack and Manthei in a manner which cannot fail to meet with the approval of all their patrons. These gentlemen will devote their entire energies to the meat business, and the tasty manner in which their shop is now fitted up shows that they know how to cater to the tastes of the people.

**W. C. BROWN & Co.,** proprietors of the Lakeside Knitting works here, have determined to supply the local demand for gentlemen's fine imported hosiery for summer wear, and to that end have just added a complete stock of as fine goods as has ever been exhibited in the city. As all must wear socks, it behooves us to get the best, which are always the cheapest, and this is the kind the Browns have on hand. See their stock.

There was an encounter—in which lists played an important and damaging part—up on Washington street in front of Fred Pret's saloon last Sunday night, the pugilists being one Peter Blanchard and a man named Contine, but what caused the row will not be known as the affair will not get into the police court. Both men got pretty badly used in the mele, and something of an excitement was caused by the disturbance. These street rows add importance to the town, you know, and the MINING JOURNAL proposes to chronicle them, always giving due credit to the actors, and not forgetting to give their names as well.

A LATE number of the Detroit Post and Tribune has the following from a correspondent at Calumet.

The Rev. J. H. Phoebe, of Three Rivers, who spent eight or nine years in missionary work at the Sault, Lake and Eagle river, over a third of a century ago, is about to publish a new edition of an interesting book entitled "Lights and Shades of Missionary Life." The work has been out of print for many years, and the re-issue will be hailed with pleasure by all who take an interest in the early history and primitive appearance of the rapidly changing shores of Lake Superior. When the author of "Lights and Shades" was a resident of this region the old Cliff mine—modest prophet of the mineral wealth stored in the rocky depths of the Keweenaw peninsula—was yielding the first copper shipped from the mines of Michigan. In his canoe voyages between here and the Sault the missionary stopped at the harbor where the flourishing town of Marquette now stands, and found shelter and food at the only inn the place then afforded—a solitary Indian wigwam. Though "many" many years ago the numerous "ills" encountered in those years of Lake Superior life and adventure, the pages of the book are lighted with the happy spirit of contentment, and the interesting pictures of natural scenery and wild life in the forest, on the river and along the rocky shores of the great lake, bear testimony to the deep appreciation with which they were enjoyed. As a faithful sketch of the early days of the upper peninsula, this work should receive a warm reception from the people of Michigan.

The annual election of officers of Lake Superior Commandery No. 30, K. T., was held at their asylum on Monday evening last, resulting in the choice of the following officers for the year next ensuing: Eminent commander, Chas. M. Wheeler, generalissimo, Silas W. Goodale, captain-general, Samuel M. Billings, prelate, Francis M. Moore, senior warden, Lewis S. Glasier, junior warden, John P. Kern, treasurer, Wm. F. Swift, recorder, A. Samuel Parks, standard bearer, A. C. Mackenzie, sword bearer, Leonard P. Cray, ardent, Michael B. Metcfe, sentinel, Peter Hume.

**MR. W. W. RICHARDSON,** at one time a writer on the MINING JOURNAL, and for the past three years connected with Peck's Sun, now rides the waters of journalism "in a boat of his own," having purchased a half interest in the Manitowish Advocate. "Rich" is an industrious worker and a tacit writer, who has it in him to give the Manitowish folks a paper that will do the place credit. We hope to see him get wealthy on the support we are confident he will deserve and trust they will accord him.

**HEBARD & THURBERG's** new tug, Maud S., left Buffalo for this port last Saturday, where she may be looked for among the first arrivals. The Maud S. is a fast and powerful craft, and will be employed in towing logs to and lumber from the mills of her owners at Peyping, also in doing a general towing business. Capt. Jay Hursley, who commanded the Morse last season, will have charge of the new tug, and will be succeeded by his nephew Wayne Hursley in command of the Morse.

By request, Rev. Kerr B. Tupper will discourse at the Baptist church to-morrow evening on "Longfellow, our Departed Poet."

**MICHIGAMME AND SPIRIT.**—B. M. Colwell is on the ground with a diamond drill, and will push the work of exploring at the Sault. The drill is a Bullcock.

The building for a boarding house at the Benoit is nearly completed, and

MONOTONE.

He rose and gazed upon the day
And said: "The wind is east again!"
And ere he went his wistful way...

A JUDGE'S TEMPTATION.

There was no such upright man on
the bench as Baron Stock. When administering
justice in the civil courts he delighted
solicitors by his patience and astonished
barristers by his acumen.

He was also a happy one. He had
married for love when he was a
barrister, and had found a devoted wife.
His children—he had eight—had grown
up to be handsome girls and brave
boys.

It was toward his sixtieth year that
Baron Stock, having money and leisure,
since his children were all settled and
provided for, began to cultivate a taste
for art.

pleasant person to know, being a somewhat
vulgar parvenu, but the judge cultivated
his acquaintance solely that he might
worship his picture. The girl's head
appeared to him to be a speaking likeness
of his wife when she was young, and the
judge would buy it.

Baron Stock, however, are liable to ups
and downs in their pecuniary affairs,
and so it happened with the baron's
friend, Mr. Twisty. As promoter of a
joint stock company which turned out
a failure, he became the defendant in
an action at law, on which his whole
fortune was going to depend. This
action was to be tried at the Manchester
assizes, and Baron Stock was one
of the two judges appointed to hold the
said assizes. On the day when the
fact was published in the papers Mr.
Twisty invited the judge to dinner,
and the baron, who knew nothing of
the action that was pending, accepted
without suspicion.

"My dear Twisty," faltered he, "this
is the anniversary of the day when we
became acquainted, two years ago, and
your friendship has been very precious
to me. I want you to accept this picture,
which you fancy, as a memento of it."

"I-I-I can't take such a present as
this. I'll buy it if you like."

"You would accept it if I bequeathed
it to you by will, would you not? So you
may as well take it while I am alive,"
rejoined the banker, plausibly. "If,
however, you wish to be quits with me,
I'll tell you how you can render me a
small service. An action is going to
be tried at Manchester."

"Well, but hear me to the end," insisted
the banker. "You are running away
with a wrong impression."

Baron Stock went to the Manchester
circuit, and, as ill luck would have it,
an indisposition of his brother-in-law
obliged him to preside in the civil
court on the day when the action of
Wriggle vs. Twisty came on for trial.
As the suit was being placed before
him it suddenly occurred to the judge
that if the banker were ruined his gallery,
and the Correggio with it, would
go to the hammer, so that he might be
able to buy the picture after all.

ed as if his pouches were bursting with
rascally gold, had determined to beat
him, and he resolved that his adversary
should at least win his victory dearly.

"Nine thousand!" he cried. "Ten!"
responded the immediate answer. "Eleven!"
screamed the Baron. "Twelve!"
screamed the Hebrew. In this way
they forced the bids up to £15,000,
whereupon the Jew began to look as if
he were getting out of his depth. The
baron was partially avenged. "Going
for fifteen thousand pounds!" shouted
the auctioneer. "Going—going—gone!"
The hammer fell on the desk, and a
long murmur hailed the Jew's victory.
But another Jew, seated near the
baron, whispered: "Pity, my lord,
isn't it, that such a pretty picture
should go out of England?"

"Is it going out of England?" asked
the judge, in a voice which he struggled
to keep firm, though it left his throat
hoarsely.

"Yes, my lord, it's going to America."

He walked out into the street, but
could not tear himself away from the
auction-room. He felt as if his life's
joy was in it. What, never see that
sweet girl's face again; give up all
thought of possessing it? The notion
made him groan. He could have sworn
that he had seen tears in the girl's eyes
when he had last looked at her.

He strolled back into the auction-
room. More than an hour had elapsed
since he left it, and the sale was over.
All the pictures sold were ranged along
the wall, and there was the Correggio
with the Jew's card stuck in the frame.
Baron Stock looked around and saw
only two men in the room, two packers
who apparently took him for somebody
connected with the establishment, for
they paid no heed to him.

THE JUDGE CONTINUED HIS WORK ON
the bench for a few weeks longer, but it
was evident that his health was broken.
He had a wandering look, and could
not give his attention to the cases he
was trying. He ended by asking for
leave, and for about a fortnight lived
in repose at home. But he used frequently
to shut himself up in his study
alone for hours, and his wife heard his
voice raised as if he were talking to
somebody, sometimes in terms of reproach,
sometimes of endearment. One day
lady Stock heard a horrible scream,
with cries for help, and, running to
the study door, she found the judge
on the hearth-rug with his clothes burnt
to cinders, and under him the charred
remnants of a picture and frame.
When the baron's death was announced
in the papers, nothing was said about
the picture; this was a secret, he
left to the family and the assignees
of Mr. Twisty, who received £15,000
to hold their peace.

WELL INDORSED BY OUR OWN CITI-
ZENS.—No matter how useful any-
thing may be in itself, good indorse-
ments seem to increase its value, and
greatly by insuring a wider field for
its sale. We are thus impressed in view of the
following statements received by one of
our representatives from leading indi-
viduals connected with some of the
largest enterprises in our midst.
Among others whose testimony was
freely given was W. H. STEARNS, Esq.,
master mechanic of the Conn. River
Railroad, who observed:—St. Jacobs Oil
has had remarkable effect among the
men employed here. One of them
jammed his arm very badly, and by the
use of St. Jacobs Oil was greatly bene-
fited, and the arm was healed. Another
used it for severe rheumatic
pains in the knee, and pronounced the
oil a most successful cure. He was cured
by its use. Mr. A. B. Taylor, of the
"Ray & Taylor Manufacturing Co."
was pleased to say:—"My aunt, Mrs.
Pillsbury, of Mount Clair, N. J., while
visiting at our house tried St. Jacobs
Oil for rheumatism and neuralgia, and
found immediate relief every time.
She pronounced it the best thing she
ever tried for the trouble. Mr. J. B.
Weston, 45 Greenwood street, super-
intendent car works, Boston & Albany
railroad, thus addressed our reporter:
"I am one more of the fortunate
ones who have had the good luck to
hear of that wonderful remedy, St. Jacobs
Oil. I had rheumatism in the
shoulder several times, and could find no
relief until I used the Oil. I applied it
and my complete cure was effected in
a few days. I am almost well and ex-
pect to be entirely so in a few days."
Springfield (Mass.) Union.

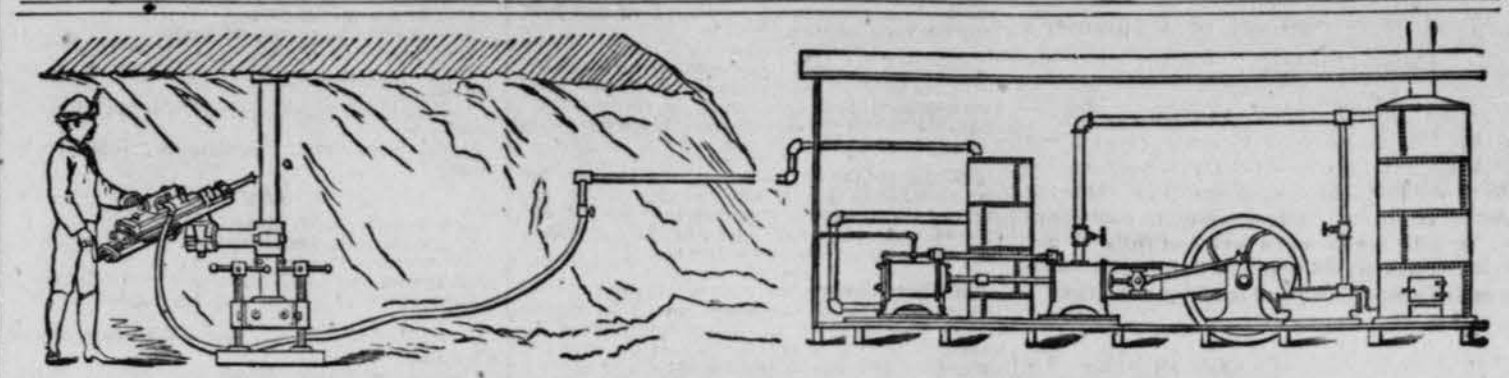
AT THE WRONG KEYHOLE.—It was
the reporter of a live daily who had
glued his eye to the keyhole of a room
at the palace when he was disgusted
to find on looking up that the occupant
of the apartment, who was hanging a
picture from a step ladder, was benignly
smiling down from the transom.
"Howdy? Howdy?" said the guest
cheerfully. "Guess you've struck the
wrong number. The man suspected of
forgery is next door, and the fellow
with four living wives is across the
hall. There's a bride party not yet up
No. 332. If you wait a minute I'll
lend you this step-ladder, and—" But
the enterprising young journalist had
fainted and was carried out on a chip by
a porter.—San Francisco Post.

ITEMS OF INTEREST.

MRS. SMITH (emphatically).—"Poor
Mrs. Brown, they say she has ordered to
be buried alive. Do you think she will go?"
Mrs. Brown (grimly).—"No, not while she lives."

THE NATIONAL DRILL & COMPRESSOR Co.

Air Compressors, Rock Drills,
HOISTING ENGINES,
ENGINES,
BOILERS,
& PUMPS.
76 & 78 Centre St., N. Y.



SEND FOR PAMPHLET DESCRIBING
Air Compressors and Rock Drills,

Now in use in the Calumet & Hecla, Quincy, Pewabic, Franklin, Atlantic, Osceola, Republic, Champion, Michiganum
Lake Superior, Iron Cliffs Co.'s, Cleveland, and other mines in the Lake Superior mining regions.

240 Broadway, N. Y. Rand Drill Company.

vegetable compound, Burdock Blood Bitters,
may be justly termed the Elixir of Life. A
pleasant and effective medicine; it imparts
strength and vitality to the entire system.
Price \$1.00.

RETRACTION.—"Do you mean to call
me a liar?" asked one rival railroad man of
another railroad man during a dispute on
business they had yesterday. "No, Colonel,
I don't mean to call you a liar. On the contrary,
I say you are the only man in town who tells
the truth all the time, but I'm offering a reward
of twenty-five dollars and a chronograph to any
other man who will say he believes me when I
say you never lie," was the response. "Well,
I'll tell you I don't back," replied the other
party as they shook.

HOPE ON, HOPE EVER, no matter what
the ailment may be, rheumatism, neuralgia,
lameness, asthma, bronchitis—if other treat-
ment has failed—hope on! Go on! Get
Thomas' Electric Oil. It will secure you im-
mediate relief.

THE English language is supposed to
consist of about 60,000 distinct words. Of these
only a few are used by the average man.
The great orators use perhaps as many as 10,000,
and lightning rod agents and directory can-
vassers 20,000.

THE New York Commercial Adver-
tiser says: "Literary fame is the child of poverty,
and the literary man who can not pay his
bill should not despair. He seldom does. In
nine cases out of ten it is his landlady who
despairs."

ALL IS WELL THAT ENDS WELL.—
Orin Carlin, 49 Pearl street, Boston, N. Y., says:
"Tried various remedies for the pain in my
back, but found no relief until I used Thomas' Electric
Oil, which entirely cured me after a few applica-
tions."

"WHAT kind of little boys go to
Heaven?" A lively 4-year-old boy, with kick-
ing boots, flourished his hat. "Well, you may
answer," said his teacher. "The little boys who
trouble nobody and do good to all."

SATISFACTORY.—Mrs. Wallace, Buf-
falo, N. Y., writes: "I have used Burdock
Blood Bitters for nervous and bilious head-
aches, and have recommended them to my
friends; I believe them superior to any other
medicine I have used, and can recommend
them to anyone requiring a cure for bilious-
ness." Price \$1.00.

EXEUTION SALE.—Notice is hereby given
that by virtue of a writ of fieri facias issued
out of the circuit court for the county of
Marquette, in favor of Lyman Little, plaintiff,
against the goods and chattels and real estate
of Edmund G. Hibbert and Sarah G. Hibbert,
defendants, to me directed and delivered, I
did, on the twenty-fourth day of December,
last, levy upon and take all the right, title
and interest of said defendants in and to the
following described real estate, that is to say:
The north-east quarter of the south-east quarter
of section fourteen (14), township forty-eight
(48), north, range twenty-five (25), west;
also all that part of the south-west quarter
of section fourteen (14), township forty-eight
(48), north, range twenty-five (25), west,
bounded as follows, to-wit: Commencing
at the north-east corner of the south-east
quarter of the south-east quarter, and run-
ning thence south on the east line of said
subdivision to the highest bidder at public
sale, thence north on a line parallel with the
east line of said subdivision to the north line
of said subdivision, thence east on said north
subdivision line fifty (50) rods to the place of beginning,
containing 24 1/2 acres, more or less.
Also a strip of land twenty (20) rods wide,
containing ten (10) acres, off the west side of
the south-west quarter of the south-east
quarter of section fourteen (14) in township
forty-eight (48) north, range twenty-five
(25) west, all of which I shall expose for sale
at public auction on Wednesday, the twenty-
eighth day of March, in the year one thousand
eight hundred and eighty-two. Present, H. N.
Edwards, Hardly, Judge of probate. In the matter of the estate
of John B. Quigley, deceased. On reading
and filing the petition, duly verified, of
C. M. Wheeler, praying that administration
upon the estate may be granted to Edward
Heard. Thereupon it is ordered that Monday,
the twenty-fourth day of April, next, at ten
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 held 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 it 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 cir-
culated in said county of Marquette, three suc-
cessive weeks previous to said day of hearing.
EDWARD S. HARDY,
Judge of Probate.
715w7

Dated this 21st, day of Feb. A. D. 1882.

DAN H. BALL, Attorney for Plaintiff

JOHN JEFFREY, Sheriff

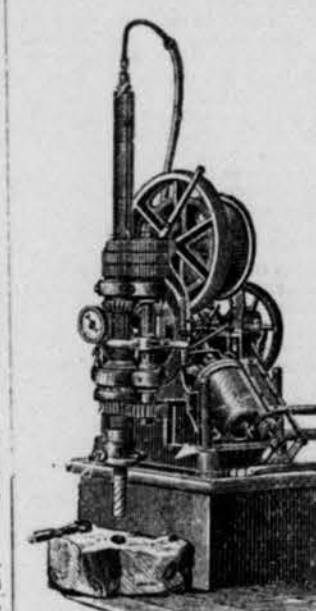
[First publication April 18, 1882.]

STATE OF MICHIGAN, COUNTY OF MAR-
quette.—At a session of the Probate
court for the county of Marquette, held at
the Probate office, in the city of Marquette,
on Tuesday, the twenty-eighth day of March,
in the year one thousand eight hundred
and eighty-two. Present, H. N. Edwards,
Hardly, Judge of probate. In the matter of the estate
of John B. Quigley, deceased. On read-
ing and filing the petition, duly verified, of
C. M. Wheeler, praying that administration
upon the estate may be granted to Edward
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be held 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 it 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 cir-
culated in said county of Marquette, three suc-
cessive weeks previous to said day of hearing.
EDWARD S. HARDY,
Judge of Probate.
715w7

[First publication April 1, 1882.]

PROBATE NOTICE FOR HEARING CLAIMS.—
State of Michigan, county of Marquette, ss.
Notice is hereby given, that by an order of
the probate court for the county of Marquette,
made on the twenty-seventh day of March,
A. D. 1882, six months from that date were
allowed for creditors to present their claims
against the estate of Michael T. Gaffney, late
of said county, deceased, and that all cred-
itors of said deceased are required to present
their claims to said probate court, at the
probate office, in the city of Marquette, for
examination and allowance, on or before the
twenty-seventh day of September, next, and
that such claims will be heard before said
court, on Tuesday, the twenty-seventh day
of June, and on Wednesday, the twenty-sev-
enth day of September, next, at ten o'clock
in the forenoon of each of those days.
Dated Marquette, March 31st, A. D. 1882.
EDWARD S. HARDY,
Judge of Probate.
715w7

BUY THE BEST!
BULLOCK'S LATEST IMPROVED
DIAMOND POINTED
ROCK DRILLS.



Prospecting, mining, shafting, tunneling, drain-
ing, quarrying and sub-marine blasting. The accompanying
quarrying my new drill, "The Little Champion," for shafting
or underground prospecting. This machine has
ALL OF MY LATEST IMPROVEMENTS,
Including Trunk Engines, with balanced slide valves to use
either steam or compressed air economically. It has also my
"Pat. Hinged Swivel Head," "Pat. Thrust Register," (for indi-
cating the thickness of each strata), "Pat. Roller Thrust Bear-
ing," and "Pat. method of changing the feed while the drill is
running."

Little Champion. AGENT FOR
Worthington's Duplex Pressure Pumps.

Also Water's Perfect ENGINE GOVERNOR. Most durable and economical Governor ever in
vented.

THE BRUSH ELECTRIC LIGHT APPARATUS.

For lighting Mines, Smelting Works, Furnaces, Foundries, Machine Shops, &c., &c. Gives
a CLEAR WHITE LIGHT. Cheaper than oil or gas, and from THIRTY to ONE
HUNDRED TIMES THE POWER.

Send for Circulars and Prices.

All inquiries cheerfully answered. Write for what you want to
M. C. BULLOCK, 84 to 88 Market St., Chicago, Ill.

Advertisement for S. DESSAU, No. 4 MAIDEN LANE, NEW YORK.
IMPORTER OF
CARBON (Black Diamonds) FOR MINING DRILLS
and all Mechanical Purposes.
Best Quality at Lowest Prices.
Brazilian Bortz.
Carbon Fragments and worn out Diamonds Purchased and Exchanged.

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THE STRONGEST, SAFEST AND MOST ECONOMICAL
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Known to the Arts, for
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Stumps, Submarine Work, &c., &c.,

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GEORGE A. OWEN, ARCHIBALD Y. GRAY, GEORGE S. WELLS.

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Dry Goods, Notions, Etc.,

162, 164, 166 and 168 Jefferson Avenue,
DETROIT, MICH.

NEW YORK OFFICE, No. 56 WORTH STREET 695m6

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APRIL, 1882.]

# The Mining Journal.

ISHPEMING, APRIL 8, 1882.

Mr. S. F. HODGE, of Detroit, stopped at the Nelson Thursday, on his way to Houghton.

O. PETERSON lost a child aged one year last Monday night. The funeral took place Wednesday.

F. M. SACKRIDER has been appointed agent for this place for the New York Life Insurance Co.

OUR merchants are purchasing spring stocks. They have given up trying to sell winter goods for the present.

OUR mud has lost none of the bright redness for which it is noted, and as for quantity, that hasn't diminished in the least.

At last accounts we were reveling in mud of the old variety. The crop of hematite on our streets this year promises to be very large.

C. H. SEABORG has, it seems, given up the project of opening a store, in Wingate's block at present. The store, strange to say, stands vacant.

COUNTLESS millions of stars were seen by clear daylight Thursday morning in arm among the miners writing up accident policies for this class, who of all others need such policies the most. We bespeak them a lucrative business in the insurance line.

VERY little work was done in this city or at the mines by our working class yesterday, they having kept Good Friday holy. There were large numbers of people on our streets in holiday attire during the day. Some of the merchants contemplated suspending business but the stores were kept open nevertheless.

CONRAD CARLSON has taken the agency for the Travelers' insurance company, of Hartford, Conn., and he and Chas. Hayden will now travel arm in arm among the miners writing up accident policies for this class, who of all others need such policies the most. We bespeak them a lucrative business in the insurance line.

THE water bonds which are to be issued by the common council at its next meeting are now ready in the hands of D. F. Wadsworth & Co. They are lithographed in very handsome design, and have interest coupons attached. The bonds are for five, ten, fifteen and twenty years, and are of the denomination of \$500 each. They are all spoken for already.

A. TITCOMBE'S store has been closed during the past week, pending the settlement of his affairs. Mr. Titcombe has been struggling hard of late against financial difficulties in which he became involved. He is making an effort to arrive at a settlement, which we hope to see successful in order that he may again resume business. Titcombe is an upright and square business man, whom it would be too bad to see go under entirely.

AMERICAN AND EUROPEAN DOCTORS.—It is said by some of the most celebrated physicians in Europe and America that the German Hop Bitters are one of the best remedies in use.

CARPETS and Oil Cloths, a full line just received. TALEEN, JOCHIM & CO.

ANDREW SANDBERG, agent for the Inman and State lines of Steamers, at Rock store. Among the steamers of the latter line are the famous boats, City of Berlin and City of Rome. The City of Rome is 600 feet long and 8,300 tons burden, the largest steamer on the ocean. The City of Berlin was awarded the prize medal at the world's fair at Sidney, Australia.

TRUNKS and Valises of all sizes and grades. TALEEN, JOCHIM & CO.

SATINS and Silks of every shade and color. [713] TALEEN, JOCHIM & CO.

GEO. W. HAYDEN.

## Lawyer,

ISHPEMING, MICHIGAN  
OFFICE—McKay Block, corner Pearl and Main streets.

## LAGER



## BEER!

MEESKE & HOCH,

Late of Milwaukee,

Having taken the brewery formerly owned and operated by George Rublein, and having refitted and remodeled the same, take pleasure in announcing that they are now prepared to supply all orders for

## LAGER BEER

Of their own brewing, and of the very best quality. Give it a trial; they are determined to demonstrate the fact that as good beer can be made on Lake Superior as anywhere else. Marquette, Jan 7 1879

## Spring Goods Revolution STORE!

JUST ARRIVED AT THE GREAT  
On Cleveland avenue, corner of Second street, Ishpeming, Mich.

Rare Bargains in the Latest Novelties.

## Dry Goods-Dry Goods

Large stock of Dress Goods. New patterns of every shade and grade to select from. New styles of Calico Prints, Worsteds Goods, Silks and Satins. Ladies' Hosiery in all desirable shades. The celebrated Globe Corset with Cooley's Patent Clasp Protector—the cheapest and best in the world. Spring styles of Clothing, both nobby and unique. Gents' Furnishings. Latest styles in Hats and Caps, Boots and Shoes, Rubber Goods, &c. Our line of Fine Shoes and Rubber Goods is unsurpassed in Marquette county. Please give us a call. We show goods with pleasure. Respectfully,

LESSER & WISOTZKY, Proprietors.

## Fall & Winter STOCK

Just received at  
F. BRAASTED & Co.'s.

Full lines of  
DRY GOODS,  
CLOTHING,  
BOOTS AND SHOES,  
GROCERIES,  
PROVISIONS,  
MEATS,  
VEGETABLES, &c.,  
At our  
TWO STORES  
AND MEAT MARKET  
On Cleveland avenue.

F. BRAASTAD & Co.  
Fall, 1881. 664

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Is prepared to arrange for funerals anywhere and at any time. Bodies embalmed if required. Parties in any part of the peninsula should telegraph me at once at Ishpeming to have their orders promptly filled.

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450,000 Acres of Land in the upper peninsula of Michigan for sale or lease.

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PINE TIMBER,  
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1,500,000,000 feet of PINE TIMBER owned by this company.

These lands were selected by experts, for mineral or timber, at a time when but very little land had been purchased from the Government in their vicinity, consequently the lands of the company are invariably the most desirable for either minerals or pine or other timber in the district in which they lie.

Menominee Iron Range,  
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THE MINERAL LANDS of the company are now offered for lease, on reasonable terms, and options given for purposes of examination. Eight of the best and largest mines in the Menominee iron district are on the lands of this company; i. e. East Vulcan (two mines), New Vulcan, Curry, Norway, Cyclops, Ludington, and Sturgeon—and this number will undoubtedly be increased during the present year. For terms, lists, etc., apply to  
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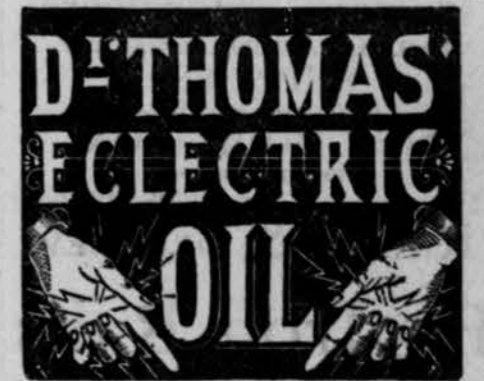
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Boilers, Pumps, Skips, and everything pertaining to a first-class plant of Hoisting Machinery.  
Correspondence solicited. 638tr



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Mrs. J. G. ROBERTSON, Pittsburgh, Pa., writes: "I was suffering from general debility, want of appetite, constipation, etc., so that life was a burden; after using Burdock's Blood Bitters I felt better than for years. I cannot praise your Bitters too much."

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BRUCE TURNER, Rochester, N. Y., writes: "I have been subject to serious disorder of the kidneys, and unable to attend to business; Burdock Blood Bitters relieved me before half a bottle was used. I feel confident that they will entirely cure me."

E. ASENTH HALL, Binghamton, N. Y., writes: "I suffered with a dull pain through my left lung and shoulder. Lost my spirits, appetite and color, and could with difficulty keep up all day. Took your Burdock Blood Bitters as directed, and have felt no pain since first week after using them."

MR. NOAH BATES, Elmira, N. Y., writes: "About four years ago I had an attack of bilious fever, and never fully recovered. My digestive organs were weakened, and I would be completely prostrated for days. After using two bottles of your Burdock Blood Bitters the improvement was so visible that I was astonished. I can now, though 61 years of age, do a fair and reasonable day's work."

C. BLACKET ROBINSON, prop'r of the Canada Presbyterian, Toronto, Ont., writes: "For years I suffered greatly from off-occurring headaches. I used your Burdock Blood Bitters with happiest results, and I now find myself in better health than for years past."

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BUFFALO, N. Y. 683  
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STRONGEST and BEST  
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250,000 ACRES Of Hardwood, Mineral and Farming lands, situated in the Crystal Falls, Lake Chicago, Iron River and Lake Agogebie districts.

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Desire to represent first-class Ore Mines and Blast Furnaces. Correspondence solicited, 671y

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100,000 ACRES ON THE MENOMINEE RANGE!

IRON EXPLORING OPTIONS to responsible parties in tracts of 80 acres for low royalties. Maps of any township desired on application. Also Pine, Cedar and Hardwood Timber Lands

in quantities to suit in Menominee, Delta and Marquette counties. 100,000 Acres Charcoal Timber Lands

Convenient to the railroads now in operation, and more along projected lines. JAS. B. GOODMAN & CO., 68 Washington St., CHICAGO.

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Commissioner of Mineral Statistics, State of Michigan, and Geologist on Wisconsin Geological Survey. Will attend to exploration of mineral lands. MARQUETTE, MICHIGAN.

THE MINING JOURNAL.

Published at the Post Office at Marquette, Mich., as second-class matter.

THE excelsior furnace, having been supplied with a new shaft, is again in blast, and working satisfactorily.

THE Conrad Iron Co. has, we learn, decided to renew operations on its leasehold near Clarksburg at an early day.

THE diamond drill working on section 36, west of the Boston, has as yet encountered nothing but hungry quartzite.

THE mines of which H. E. Warner, late superintendent of the Marquette water works, will have charge are the Mesnard and Taylor.

It is understood that all the older mines of this and the Menominee range have sold up to the probable limit of production, for next summer's delivery.

HARD red specular ore, of first-class quality, has been struck in the third diamond drill-hole on the old Brass Wire property. The drill is at work near the New York line.

THE Wampum Iron Co. is the name of the corporation recently organized for the purpose of developing the property heretofore known as the Brass wire, and in which E. J. Mapes, of this city, is a large shareholder.

It is now believed that the Felch mountain branch will be completed in time to enable the Metropolitan, Northwestern, Hecla and Calumet mines to ship considerable ore before the close of navigation next fall.

ORE has been struck in the jasper shaft at the Boston, a fact which is important as going to show conclusively that the pitch of the vein is to the east, and the vein itself certainly continuous, and probably without a break for a length of over 1,000 feet.

OUR friend Kibbee is making his Northwestern Mining Journal a most able and interesting exponent of the copper interest just now. His illustrated articles descriptive of the mines are in marked contrast with the agglomerations of little not to be remembered nothings which characterize the pages of his contemporary across the way.

THE pamphlet edition of the MINING JOURNAL'S annual review will be printed on good paper, and from type never before used. Orders for over 5,000 copies have already been received. Those wishing any number of copies to send abroad should send in their orders at once, as only one edition will be issued, and that cannot be enlarged after the first form is printed. Those wishing advertising space in its pages should likewise address us without further delay.

THERE may be an abundance of good first-class ore in the Agogebie region, but there is no need of going that far to obtain it, just yet. There are plenty of good properties awaiting development in this and Menominee counties, which are much more convenient to market than the Agogebie region will ever be, and it is time enough to enter the wilderness when the chances for profitable investment nearer home are more nearly exhausted. At least, so says a friend at our elbow.

THE Lake Superior Iron Co. is the owner of still another new and valuable "find." A vein of lens of red specular ore has been uncovered south of the hill in the north face of which the main workings are situated, and a short distance west of the Excelsior furnace, which is forty feet wide, but not all strictly first-class. It is a most promising show, however, and bids fair to develop into an important addition to what may now be properly denominated the largest producing iron mine in America, if not in the whole world.

THE case of Jeremy Compo, assignee of Charlotte Kobogum, heir at law of Man-ki-ji-jik, for an interest equal to 12-3100 in the Jackson mine, is now pending in the supreme court, on appeal from the circuit court for Marquette county. The claim is based on an agreement made by some of the original incorporators with Man-ki-ji-jik, in writing, to give him the interest now sued for in compensation for services rendered in the discovery and location of the mine, in 1846. The bill sets up this agreement, together with the averment that it was afterwards recognized as valid and ratified by the company, the officers of which time and again offered to compromise with the claimant, but no settlement ever having been effected, suit was brought in the circuit court of this county, by bill in chancery, which bill was dismissed, and the complainant goes to the supreme court on appeal. The suit involves not only the ownership of the interest referred to, but also a corresponding division of the profits ever since the mine was opened. F. O. Clark is solicitor for the complainant, and M. H. Maynard, with C. I. Walker, of counsel, for the defendant. The decision of the supreme court will be looked for with considerable interest, by the public at large as well as by the parties litigant.

ANNUAL REVIEW

OF THE IRON MINING AND OTHER INDUSTRIES OF THE UPPER PENINSULA OF MICHIGAN.

THE NORTH RANGE.

THE STERLING MINE

shows a marked improvement. The vein continues to gradually widen out in sinking, the bottom level now showing 12 feet of clean ore at the east end, and 5 feet at the western extremity of the pit. Sinking for stopes is now in progress, the so-called shaft being down about 140 feet, the intention being to carry it down far enough to open up all the ground that can be broken during the summer. The most important feature in connection with this mine is the development made by the diamond drill since our last annual report. The sinking of the iron cession in the swamp, to which reference was made in our last annual review, proved a failure, and it was then determined to employ a diamond drill in locating and testing the vein to the westward. The first hole was drilled at a point 500 feet west of No. 1 shaft, where it was found necessary to sink 57 feet of stand-pipe. Below this the drill, working on an angle of 63 degrees from the horizontal, passed 145 feet through quartzite into 5 feet 9 inches of No. 1 ore, below which it encountered 16 feet of jasper and 2 feet of soapstone, and then cut 18 feet 10 inches No. 1 specular, and 13 feet of red, lustreless hematite. No. 2 drill hole is 500 feet still further west, and going down on an angle of 68 degrees, the diamonds cut 5 feet 9 inches of No. 1 ore under 15 feet of quartzite, 88 feet of the stand-pipe being required to reach the ledge. After passing through 30 feet of jasper, No. 1 ore was again struck, through which the drill passed in a distance of 8 feet, 3 inches, thence into mixed ore and jasper where it was stopped. These borings are important in that they show a continuous run of ore over 1,000 feet in length, and that there are two distinct veins or lenses, aside from the hematite, which last is of good quality, giving nearly 65 per cent. by analysis. Analyses of the No. 1 ore show 68 per cent. metallic iron and only .012 of phosphorus. Nothing, however, has yet been done looking to the practical development of these lenses by the sinking of the necessary shafts, but it is not to be presumed that an actual commencement in that direction will be long delayed.

Subsequent to the completion of No. 1 drill hole a drift was driven north into the foot-wall, from the west end of No. 1 pit, a distance of 38 feet, in the hope of cutting a lens corresponding with the 18 feet of No. 1 ore cut by the drill, but nothing save about 2 feet of good ore was found. A drift was also run some distance west from the west end of the pit in jasper, leaving the ore in the hanging, until it was abandoned by the former management, under the belief that the ore had cut out altogether. Subsequently the mistake was discovered, the supposed hanging-wall cleaned up, and now there is a face of clean ore 5 feet wide in that end of the pit. Altogether, the prospects for the development of the Sterling into a paying mine may be considered at least one hundred per cent. better than at this time last year. It now has a careful, intelligent management, Mr. G. W. Reed, agent, and J. R. Reed, mining captain, giving to the mine their exclusive attention. The shipments last year were 4,702 tons, 797 tons having been previously mined and shipped. A comparatively small force of men—not over 40—is employed. The stock-piles will embrace about 3,000 tons on the opening of navigation, and the year's output will most probably treble that of 1881.

THE ALEXANDER H. DEY MINE,

so-called, because of some most promising discoveries made last summer with the diamond drill, embraces the west half of the northeast quarter of section 3, town 47, range 28. The developments thus far made on this property consist of a series of three drill holes, the first of which was put down on the west line, through 33 feet of hard red hematite, and 40 feet of hard ore, with 6 feet of quartzite between them. The first of these gave by analysis 66 1/2 and the last 62 1/2 per cent. of metallic iron, both being low in silica and phosphorus. No. 2 hole is about 125 feet east of No. 1, and it is claimed cut 29 feet of limonite—which analyzes from 50 to 60 per cent. metallic iron—and 30 feet of hard red hematite. No. 3, which is 300 feet east of the line, cut alternate layers of clean and mixed ore, and finally 30 feet of red hematite and 8 feet of red specular. These statements are given us by those who had charge of the work, and must be taken cum grano salis—no record of the several holes, nor any considerable portion of the cores from them having been kept or preserved. It is just to say, however, that the writer saw some of the cores, at the time the drilling was in progress, and does not intend by the foregoing remarks to cast any reflection upon the veracity of those who give the record of the drill holes to the best of their recollection—the fact that no positive record was kept, may be ascribed solely to the inexperience of those in charge of the explorations. However, we believe a mistake has been made, and that instead of boring across the formation from the hanging-wall side, the drill was started in the foot-wall on such an angle as to finally carry it through into the hanging, and consequently that the ore body may not

THE MESNARD MINE

is a new property in the first stages of development, is the property of the Mesnard Iron Co., and embraces the north-west quarter of the north-west quarter of section 28, town 48, range 29, which is held under a lease from the Atlantic Iron company. The company, the stock of which was taken by individual shareholders of the Atlantic Iron company, starts out with a working capital of \$20,000 in its treasury, and is now opening up what appears to be a very large deposit of hard hematite similar to that of the Jim Pascoe. The shares are subject to additional assessments not exceeding \$1.50 in all, but it is believed the amount already placed will be amply sufficient to place the mine in good condition to take care of itself and return at least a portion of the original assessment to the shareholders. The developments so far consist of a number of pits, two

of which are near the west line, with a drift of 35 feet between them, pits and drift being all in clean ore. About 150 feet further east there are two more pits showing about the same width of clean ore, while 500 feet further along there is a shaft down 50 feet from which, at last accounts, drifts were in progress both ways, and nothing but clean ore to be seen. The officers of the company are: President—A. M. BYERS; Vice President—W. H. McCURDY; Sec. & Treas.—J. H. OUTHWAITE.

The Union Iron and Steel company, of Chicago, has been exploring with a diamond drill on the west half of the north-west quarter of section 3, and the north-east quarter of section 4, town 48, range 27, for a year past, but without satisfactory results. Their explorations are now being conducted under the general supervision of Geo. A. St. Clair, and if there is any merchantable ore on the tract, he will certainly find it. The Republic Iron company is exploring with a diamond drill on the north-west quarter of section 4, and the north-east quarter of section town 47, range 28, but thus far without satisfactory result. Mr. Alfred Kidder is sinking and drifting on the east half of the north-east quarter of section 29, town 48, range 29, of which he has a lease from the Atlantic Iron company, and where he has half a dozen pits down in what the miners call a "hard steel ore," of excellent quality, and which most people would denominate a red specular. The indications are that this will prove one of the most valuable properties on the north range.

THE WINTHROP MINE,

which at the date of our last annual report was believed to be in good condition for a large and profitable production, met with a disaster last fall which, if it has not wholly absorbed the profits earned during the year, has been at least a most serious and expensive setback. It will be remembered that the workings consisted of one large open pit, which had been worked out to a depth of 190 feet on the second and third levels, while mine work was being prosecuted on the fourth or 220-foot-level—and what was called the west end pit, which was being wrought on the underground plan. This last was believed to be perfectly secure, because of the pillars which had been left, and the large amount of timber which had been put in to support the roof and walls, but during the heavy rains last fall the supports gave way and the whole west end of the mine fell in, filling the open pit with not less than 150,000 tons of rock, completely destroying the skip-roads and burying the pumps. Since then five skip-roads have been constantly employed in hoisting out this rock, of which, together with the crushed pillars of ore and broken timbers, at least 50,000 tons remain to be hoisted. But for the ore which fell with the rock, of which there must have been a considerable body in addition to the fallen pillars, the better way would have been to abandon these workings altogether, and attack the deposit underground from some other direction, as indeed the management has determined to do by sinking a deep shaft, 13x17 feet inside the cribbing, at a point about 300 feet north-west of the open pit, in the meantime continuing operations in the old workings just so far as they can be carried on with safety. This deep shaft, the sinking of which, and a renewal of the lease to the Winthrop Hematite company, the members of which hold a controlling interest in the fee, has led to litigation which is not likely to result in good to any of the parties interested—but of this it is not our province to speak at present. The plan is to sink this shaft to a depth of 400 feet, perpendicularly where it is estimated it will cut the ore, which dips to the north, the outcrop being, perhaps, 200 feet south, the trend of the formation being nearly east and west. From this shaft headings will be driven south and through the ore to the foot-wall of the deposit. From this heading, or tunnel, drifts will be made east and west the whole length of the ore body, and the deposit then roomed out in chambers, by which means it is believed that two-thirds of the ore can be safely mined out. The first of these headings can be started from a point 200 feet below the collar of the shaft, and through it all the ore west of and above the present level of the old openings can be reached; the next one, lower down, will carry this system of underground work under the bottom of the old workings, and enable the management to prosecute mining operations along the whole present known length and width of the deposit. Indeed, in this way work can be prosecuted on two or more levels at once, while the shaft, in the meantime, is sinking to others. The plan is a comprehensive one and the only wonder is that it should not have been adopted long ago. When fully inaugurated, should the deposit hold its own to the depth anticipated, the lessees will find no difficulty whatever in mining and raising to the surface the 40,000 tons upon which they have bound themselves to pay royalty—indeed, we see no reason why the annual product should not be doubled as compared with the largest yield in any one year heretofore. The shaft is now down 170 feet, and we shall not be surprised if the proposed heading on

the 200-foot level reaches the ore before the close of the coming season. What is known as No. 7 is about 300 feet south-west of the deep shaft. Here a shaft is down about 130 feet, from the bottom of which ore of a quality about evenly balanced between first and second class is being hoisted to the surface. The vein or lens at this point is not very thick, while the ground eastward to the old open pit is practically unexplored—the fair inference being, however, that a very large body of ore lies between.

The annual product of the Winthrop during the past twelve years has been as follows:

Table with 2 columns: Year and Gross Tons. Data for years 1870-1881.

Altogether, we see no reason to modify the opinion heretofore expressed that the Winthrop is one of the very best hematite properties in the region. Notwithstanding the great disaster referred to, shipments will commence this spring from stock-piles aggregating not less than 10,000 tons, and as much more can, we think, be taken out with the removal of the debris from the bottom, from which last enough more ought to be secured to insure a comfortable product this year, though, of course, it is not expected that the output of last year can be reached.

The mine affords employment to about 150 men. No new machinery has been added during the past year.

THE MITCHELL MINE

is in excellent condition, and promises a largely increased product this year, the management having sold 33,000 tons for delivery the coming season of navigation. No. 2 shaft is now down 120 feet in ore. From its bottom the miners have stopped and drifted 450 feet east, all the way in ore, though as yet the deposit has been cross-cut in only one place, where the ore body was found to be 81 feet wide. This lens extends west of No. 2 shaft to within 30 feet of No. 1 shaft, 320 feet, from which it will be seen that there is here a continuous run of ore, so far as developed, 750 feet in length. No. 1 shaft is located in a rock crossing, to the west of which there is another seemingly large lens of ore which is reached by drifting a distance of about 40 feet from the shaft; similar drifts, 30 feet in length connect No. 1 shaft with the underground workings east of it. The ore body is attacked by running a heading as far back from the shaft as it is considered advantageous to tram the ore, and from this main drift or heading the ore is mined out in chambers, the size of which are governed by the character of the ground, though they are generally 15 feet high, a roof well supported with timbers and pillars being left on each level. Mine work is thus being prosecuted on three levels, and we can see no reason why the management should not be able to raise a much larger product than is indicated by the amount of ore sold for this year's delivery. It is certainly one of the most valuable mines of its class in this region, with, in addition to its present developed value, still larger possibilities for the future. No effort has been made to develop the apparently large and distinct lens which was spoken of in our last annual review as having been found by drifting south through 43 feet of soapstone, and the writer still holds to the belief that the present workings at the Mitchell are but an indication of the greater developments yet to be made.

Since the commencement of operations at the Mitchell, her annual product has been as follows:

Table with 2 columns: Year and Gross Tons. Data for years 1872-1881.

The mine gives employment to about 90 men, and is under the general management of Capt. Sam. Mitchell, with Thomas Walters in charge of the mine work. No new machinery has been added the past year. THE NATIONAL experienced a heavy fall of rock some time ago which filled No. 5 pit with debris, and put a most effectual stop to mining operations in that quarter. The pit is being re-opened by sinking a shaft through the arch at the west end, from which the miners will work under the old bottom, leaving a solid roof to support the walls and protect the mine against further accident. At No. 2 they are working in a newly discovered lens which is from 6 to 15 feet thick, and between 300 and 400 feet long. This was found by breaking through the fault or rock-crossing at the south end of the old pit. Though not fairly opened, they are now raising about 1,500 tons a month from this new pit, a product which can be gradually increased as the work progresses. At No. 1 the foot-wall come in very rapidly, and either cut the ore out altogether, or else shoved it over into the hanging—a question which will soon be determined with the aid of a Sullivan diamond drill, which is now on the ground. It is the intention to most thoroughly explore the whole tract by a series of borings which will test every foot of ground where there is the least probability of finding ore.

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The annual product of the National has been as follows:

Year	Gross Tons
1878	4,191
1879	33,310
1880	29,265
1881	24,883
Total	91,650

Owing to the fall of rock in No. 5, and the unexpected fault or break in the formation at No. 1, the output the present year will not be as large as otherwise might have been expected, though the management counts on a slight increase over 1881, placing its estimate at not less than 25,000 tons. The machinery is the same as last year with the exception of a new boiler. Capt. Sam. Mitchell's general manager, and Joel Williams mining captain. The mining force numbers about 100 men.

THE SAGINAW MINE still lives, though all the old original workings have been practically abandoned, with the exception of No. 2, which is now being wrought on the 540-foot level, where there is from 6 to 10 feet of ore remaining in the bottom. This pit, too, shows signs of exhaustion and it is probable that another season's work will finish it. Scrammers are work in some of the other pits, but these are considered by the management as practically exhausted, a thorough exploration with the diamond drill, by which the foot and hanging walls were perforated in every direction, having shown nothing but barren ground. This state of affairs exists at the old section 19 workings, leased by the Saginaw from the Lake Superior Iron company, where only a few scrammers are at work cleaning off the walls. The vein in these workings has pinched out to from 3 to 5 feet of ore, the mining of which will not pay for raising the water.

A recent new discovery on the west half of the north-east quarter of section 20, which is a part of the tract leased from the Lake Superior Iron company, promises to compensate the company, in part, at least, for the loss of the old workings. This discovery was made with the diamond drill on the east line of the tract mentioned, and not far from the old original hard ore pits of the mine once known as the New England. The first hole, 340 feet east of the line, penetrated 25 feet of very fine slate ore, so soft that the action of the drill reduced it to a powder, only a few small pieces of core being secured. These, together with analyses of the sludge, show the ore to be of a very superior quality in all respects. A second hole was drilled at a point 140 feet further west, and shows 12 feet of the same kind of ore; another, 100 feet east of the first, cut 94 feet of ore. A working shaft is now well on its way down to the ore, which it will reach at a depth of about 85 feet, and from which it is intended to attack the lens on the underground plan. The borings show a lens varying from 94 to 25 feet in width, and at the very least 240 feet long, though it is by no means certain that further borings will not show a much greater length. It is certainly a most promising show, and one that is likely to develop into a mine of more than ordinary proportions.

The Saginaw has produced as follows, annually:

Year	Gross Tons
1872	18,563
1873	37,138
1874	45,486
1875	55,318
1876	56,979
1877	44,095
1878	54,097
1879	45,296
1880	35,050
1881	30,763
Total	420,774

The mine gives employment to about 100 men. Capt. Sam. Mitchell is general agent and superintendent, with skilled mining captains in charge of the day and night shifts. The machinery is the same as last year, only a part of which, however, is now required to do the work.

THE GOODRICH MINE presents some new and better features this year, and the indications are that it will not much longer be regarded as a small mine with nothing but a low grade ore to offer to consumers. A new shaft, 230 feet west of No. 2, is down 80 feet, and in very clean looking slate ore, entirely different from the "bird's eye" found in the more easterly workings. This slate ore will, we think, pass muster as strictly first-class, though we have not been favored with an analysis from which to draw such a conclusion. A drift connects this new shaft with No. 2, running through the 20 feet of soapstone at the west end of the old workings, and thence through bird's eye ore to within 3 feet of the new (No. 3) shaft, where the slate ore first occurs without even a seam of rock to mark the division. A drift is in progress west from No. 3, in slate ore, but as yet this part of the deposit has not been cross-cut and its exact width is not known, though the size of the shaft, the bottom of which shows nothing but clean ore, proves that is at least wide enough to insure a handsome product when fully opened up and energetically wrought.

Since our last annual report the numbers of the shafts, or skip-roads, have been changed, the most easterly now being No. 1. No. 1 is the same depth as at date of last review, 160 feet. In this pit there is a slope 40 feet high and 100 feet long, working east, the vein averaging about 25 feet in thickness. West of No. 2 skip-road a winze is down 50 feet, to the lowest level, and drifting is in progress to connect it with the shaft. This will give two large stopes, one east and one west of the rock-crossing, while there are still two others working

east from the shaft, making five stopes in all, not taking No. 3 shaft into the account. There is, in fact, a run of ore, broken only by the soap-stone crossing at the west end of No. 2, 400 feet in length, and still continuing east and west. That the mine has not achieved a larger product in the past years, is due to the fact that the ore, while not strictly first-class, is yet better than second-class, and there has consequently been a continual hitch between the owner and consumers as to the price at which it should be sold—the former declining to sell it as second-class, and the latter generally refusing to pay more. Could the owner and consumer agree in this particular, it would be an easy matter to raise from 25,000 to 30,000 tons annually from the present workings; but Mr. Goodrich is firm in the belief that the ore won't spoil for the want of mining, and consequently insists on raising no more than he can sell at prices satisfactory to himself. However, it is more than probable that the new find will result in an enlarged product hereafter, from the fact that it will, besides adding to the output, help to sell the leaner ore referred to, and which, so far as we can learn, has given good satisfaction to consumers. Indeed, the bird's eye ore of the old workings has very materially improved in quality in sinking, and, if it continues to do so for one or two more levels, will become a distinctively first-class ore.

The annual yield of the Goodrich has been as follows:

Year	Gross Tons
1873	3,258
1874	3,100
1875	1,780
1876	503
1877	2,547
1878	3,962
1880	11,181
1881	10,245
Total	41,000

If the owner will not take it amiss, the writer would like to suggest that nowhere in this whole region is there a more profitable field for the employment of one of Bullock's diamond drills than right here on the Goodrich tract. The character of the ore under the old workings can thus be ascertained at a comparatively trifling cost, while the writer feels confident a few well placed holes west and south-west of No. 3 shaft will reveal a body of rich slate ore, the development of which will give the Goodrich a place among the first-class mines of the district. The finding of the slate ore in No. 3 shaft is no surprise to us; we knew of its existence still further around the end of the hill in the north face of which the present workings are situated, as long ago as 1872, and the files of our paper will show that we have never criticised the management except to deplore the expenditure of money in the development of a lean ore body, instead of looking for and opening up the richer deposit, the existence of which was well-known to others than ourself. To accurately locate that deposit, now that an opening has been made in its east end, a diamond drill is indispensable, if speedy and economical development be the desire of the owner. Captain Davis is a practical miner of skill and long experience, and if given half a chance will demonstrate the faith that it is in him by converting the Goodrich from a mining eye-sore into one of the most valuable of its owner's possessions.

The mine numbers about 45 men on its pay roll. The machinery is the same as last year, with the exception of a new 3-foot Lane drum, recently added.

On Friday morning of last week lieutenant Soukanoff, convicted of complicity in nihilist plots, was shot at Cronstadt, under a sentence pronounced upon him for the crime of conspiracy against his government. The case of this officer serves to show how the revolutionary spirit permeates all classes in Russia, and how impossible it will be for the government to eradicate it by shedding the blood of brave men who are ready to lay down their lives for what they believe to be a great principle. Soukanoff, prior to his connection with the nihilists, held a command in the navy. The cruelty, fraud and injustice in every form that came under his observation there stirred his soul to revolt, and what he saw of the treatment of Siberian exiles afterward determined him to cast his lot with the conspirators who were plotting to overthrow a government too wedded to despotism and cruelty to allow any hope of permanent reform in it or by it. He was first suspected, then detected, arrested, tried, condemned, and was shot like a dog at Cronstadt by a squad of the soldiery whose bayonets are the czar's only security for his throne—and of whose fealty he is, nevertheless, so much in doubt that he dares not trust himself among them without having first taken the most elaborate precautions to insure his own safety. The shooting of Gen. Strelnikoff at Odessa by a couple of nihilists, taken in connection with that of Soukanoff by the government, would seem to argue that there isn't much safety for a man anywhere in the military service of Russia. It recalls the incident of the French admiral captured by the British during the stormy career of the first Napoleon. The captive officer had been for some time a prisoner on an English man-of-war when arrangements for an exchange were made, under which he was to obtain his liberty. The commander and other officers of the British vessel felicitated their illustrious captive on his approaching liberation, but the prospect did not seem to inspire him with excessive joy. He listened politely until they had got through, and

then remarked that he knew his fate. When he returned to France he would be tried by court martial for surrendering his ship, and shot. "By gar," said he in conclusion, with a true French shrug, "zeemperor will soon haf no admirals left—dose zat fight you shoot and dose zat don't fight he shoots!" Which, with respect to plotting against the state and its consequences, would seem to be about the situation in Russia.

NEWS SUMMARY. —Bradlaugh's troubles are multiplying. The court of Queen's bench has imposed a fine of £500 on him for voting illegally, and his party friends are now raising a fund to pay it by subscription.

—A shocking accident occurred near Reading, Pa., Sunday afternoon. Geo. Shelthorn, with his wife and two children were out riding when a furious storm came up. They drove under a shed in the rear of which an immense tank for holding water had been constructed. The wind blew the tank over on the shed, where the family and several others were huddled, killing Shelthorn and one of his children, and injuring his wife, the other child, and several others of those in the shed, severely.

—The bureau of printing and engraving at Washington is out of funds, and the employees are being furloughed until an appropriation providing for their payment is made.

—Dr. Lamson, the American convicted of murder at London and under sentence of death for that crime, has been respited until the 18th, at the request of president Arthur, to allow of the examination of some newly discovered evidence bearing upon his case. It is not thought, however, that the evidence will warrant a reconsideration of the proceedings, and the probability is that his execution will take place on the 18th.

—Some patriotic crank shattered the pedestal of the Andre monument at Tappan with dynamite last week.

—The Russian general Strelnikoff was shot and instantly killed by nihilists on Friday morning, March 31st, at Odessa, whither he had gone to superintend the nihilist trials soon to come there and at Kiel. Two of his assassins were arrested after a desperate struggle, in which three officers received severe wounds. The bullet penetrated Gen. Strelnikoff's head, entering at the back and coming out at the forehead. The captured assassins have already been tried and condemned to death.

—Burke, the bank robber recently captured at Minneapolis, and taken to New York on a requisition from the governor of that state to be tried for the robbery of the Manhattan bank last year, was convicted of grand larceny at Albany last week. He will spend the most of his remaining days—if not all of them—in the penitentiary.

—It is now known that Navin, Adrian's absconding mayor, is in St. Louis, though the detectives who are on his track have not yet been able to hunt him down. He is accompanied by a woman of ill-repute but of great beauty, the same that he lived with as his wife under the assumed name of Gray, some time prior to the exposure of his attempted big swindle upon the city whose mayor he became. It is believed that she is "working him" for his money, and that she will shake him when it is gone, as she has done others before. Navin met her during a visit to Chicago, and became so infatuated with the beautiful siren that he placed her at a boarding house in that city and made frequent visits to the city to enjoy her society, even after he was chosen mayor of Adrian a year ago. It is believed that she influenced him to undertake the gigantic fraud whose opportune detection saved the city from being a heavy loser through his rashness, and necessitated his sudden flight.

—Cornelius J. Vanderbilt, son of the old "commodore" and brother of the great railway king, committed suicide at the Glenham hotel in New York Sunday afternoon by shooting himself in the head with a pistol. He had been in ill-health for some time, and his act is ascribed to temporary mental derangement, induced by physical suffering. A fortnight before, he returned to New York from a tour in the south, in the course of which he visited the Hot Springs, Ark., in the hope of benefiting his health. He was disappointed in this expectation, and became much depressed in consequence. It is not believed that financial difficulties had anything to do with his suicidal deed, as he was well provided with money. His attendants heard the shot and rushed at once to his assistance. When he got to the room Vanderbilt was unconscious, in which condition he remained until he died, four hours later, at six in the evening.

—The Dakota territorial insane asylum at Yankton was burned Sunday afternoon, four of the inmates perishing in the fire. The asylum was a wooden structure, temporarily in use while a new brick building was being constructed. It is not known how the fire originated.

—Though the news was at first received with incredulity it is now known to be a fact that the noted bandit, Jesse James, was shot and instantly killed at St. Joseph, Mo., on Monday morning last by Robert Ford, one of two brothers who had been living with him and his wife at that place for some time previous. The Fords claim to be detectives, in the employ of the state, and say the killing was done as a matter of business—to rid society of a dangerous outlaw and secure the reward offered for that service. The history of the affair, summarized from the despatches, is as hereafter given: Some time in November last James and his wife moved into St. Joseph to live, occupying a small frame building in the southeast part of the city. The Fords, who had connected themselves with his gang previously, and who seem to have secured his entire confidence, made this their headquarters. They had planned a raid, for which they were to prepare on Monday, the plan being to get ready during the day and start that night for the proposed field of operations. About 9 o'clock Monday forenoon all three were together in a front room of the house. James took off his belt and laid it aside, with his pistols, preparatory to bathing his face. As he stepped toward the part of the room where the toilet appliances stood Robert Ford sprang upon him, placed a revolver close to his skull and sent a bullet crashing through his brain. The outlaw dropped dead in his tracks, and the Ford brothers at once proceeded to the court house, where they announced what they had done, and placed themselves in the city marshal's custody. At first their story was disbelieved, but the body of the dead man has since been fully identified as that of the dreaded bandit. Robert Ford, who did the shooting, is a youth of 22, Charles being two or three years his junior. At the inquest Mrs. James admitted that her husband was the famous outlaw. Her distress over his treacherous murder was excessive. They had lived under the assumed names of Howard while in St. Joseph, the neighbors not suspecting that it was a false one assumed to hide the identity of a man whose lawless exploits had rendered his real name a terror throughout the southwest. The reward of \$50,000 will no doubt be paid to the Fords, as it is certain that the killing was done in accordance with an understanding between them and the authorities in pursuance of which they associated themselves with the desperado for the purpose of slaying him when a favorable opportunity offered. The news produced intense excitement throughout the state.

—The tariff commission bill is certain to pass, it is said, and president Arthur has promised to do the square thing by the advocates of tariff reform in making up the commission to examine into the practical workings of our tariff laws for which the measure makes provision. If he should keep faith in this respect tariff reform is among the possibilities. But we put our trust in presidents in these untruthful days—especially in a president who is so thoroughly skilled as the present incumbent in the politician's art of making promises that mean nothing. Still the abuses of the tariff system now operative are so many and flagrant that the most cursory examination must reveal them, and even partial relief will be so much gained.

President Arthur returned the bill to give effect to the restrictive clauses of our treaty with China to the senate Tuesday with his disapproval, the same being based on the ground that the provisions of the measure were in conflict with our obligations under the said treaty. It is conceded that the bill was a crude piece of legislation, defective in many particulars; and though the end aimed at may be laudable enough it will be best not to adopt improper means for its attainment. The president did well in refusing to give effect to this piece of legislation. There is no probability that the bill will be passed over his veto.

Milwaukee was carried by the democrats in the municipal election of last week, as also were all the leading towns of Wisconsin. The same party seems to have been quite generally successful in the spring elections all over—why it is hard to understand, unless it is because this is an "off year" and that there isn't much money in the smaller municipal prizes.

Merchant's dock will be managed by the railway company from expiration of the lease of Winger & Burns, May 1st, and the latter gentlemen will occupy the Oliver dock in carrying on their fish trade.

News of his father's serious illness called Dr. Mullikin to Lansing early last week.

A. Booth has a boat on the stocks at Chicago which is to be used in his business at this point. A competent judge, who has seen him tell us that "she's a daisy; lines like a yacht and power enough for a man of war—warranted to make 15 miles an hour or no sale—steel boiler—twin engines—six foot wheel—and gold leaf on all the mouldings."

The school board has decided on the plan for the proposed new school building, and as soon as a few trifling alterations can be made in that submitted by the architect, working plans and specifications will be prepared and bids for its construction invited. The Port says, further: "The house will be a fine one, will accommodate 500 pupils, and is designed to answer in the future as the high school, primaries being established in different parts of the village as needed. The four room building now in use as a primary it is proposed to remove to a point further west at once, upon the erection of the new house."

The colonel usually comes up on the right side of public questions, and here is what he has to offer on the proposed restoration of the franking privilege:

The action of the senate in voting to restore the franking privilege is a step backwards and should be rebuked. The measure will meet strenuous opposition in the house—strengthen the hands of your representative, if he is on the right side, by sending him a postal card carrying instructions to oppose it. Send it, all the same, though he be on the wrong side. Enough of them may open his eyes to the danger if it does not convince him of the wrong of his position. Send the postals.

Not a bad idea, that of telegraphing your sentiments to your representative on a postal card. "Twill cost only a cent for each vote and might save the country millions eventually."

FLORENCE.—The News promises itself a power press and its readers a bigger paper. The usual symptoms!

Up to April 1st the new county officers had not been appointed by the governor. The editor of the News will please forgive our premature congratulations on his supposed elevation to the dismal dignity of the probate judgeship. But he may be happy yet. Certainly the writer's sincere hope is that he will walk off with a "fat take" of some sort.

It is rumored that important changes will be made in the running of ore trains on this part of the road. This place will be made a sort of a point of division. When the Crystal Falls line is completed passenger trains from there will remain here over night. This depot is to be enlarged by the addition of a ladies' waiting room. A night telegraph operator will be engaged.

Local talent rendered the opera of Red Riding Hood, and it did it well, in Juneau's opera house last week.

Marinette and Florence counties constitute one assembly district under the new apportionment, and the News suggests that, if they are to get along amicably together, it will be essential to take the member time about. Taking all the circumstances into consideration there isn't anything painfully modest about the proposition. Marinette county has too many old politicians to render such an arrangement a probability. It's too much to ask them to "divide the pot" when they know they hold the "best hand."

A new hearth has been put in the furnace, and better results are discernible.

CALUMET.—We see by the News of Saturday that Mr. M. J. Canning has opened out in the drug business at Red Jacket, with a fine stock of goods. May his prescriptions never miss fire.

Carrie, the youngest daughter of Mr. John Lowrey, died at Calumet on Monday last week, after a protracted and painful illness.

A German miner employed at the Delaware fell into a chute and broke his neck the other day.

A scamp who has been hanging around Calumet and vicinity for some weeks, soliciting orders for portraits to be enlarged from photographs, made improper advances toward a good-looking hired girl at the Hecla location one day last week, after first assuring himself that she was alone in the house. He got nothing but scratches for his pains, the girl resisting him bravely. When the family returned she related her adventure with the wandering artist, and the head of the household set out to procure his arrest. The miscreant managed to escape, however, before a warrant could be procured, and is still at large.

A dog race took place in the village Saturday last, but we are left in doubt as to whether the canines were hitched to cutters or sulkies.

QUINNESE.—The Victoria Loftus combination of lofty female kickers gave an entertainment at Quinnesse on Wednesday last week, which a "dirthy" of complimentaries in the porter office prevented the Swift young man of that moral sheet from taking in. Not much of a loss, we judge, from the notices that aggregation of blonde beauties are receiving. They are a "dirthy" crowd.

Ashley Harger soft-soap artist of the Chicago Times, has turned himself loose on the Menominee range, which he is "writing up" in the inflated style that became a habit with him when advocating flatism in Wisconsin a couple of years ago. Ashley is a pressed brick—pressed for money as a rule and ready to turn an honest penny any day at the expense of truth.

The Reporter gives us tidings of the missing Ted Gaffney, late night watchman at Negaunee. And such tidings!

The notorious Ted Gaffney, recently of the city of Negaunee, has again come to the surface. On the charge of assault and battery, preferred by Chas. Pascoe, he was arrested yesterday and had his hearing before Justice Hammond. It appears from the testimony that a rather heated discussion was going on in Hick's saloon Sunday night, or rather early Monday morning, between Pascoe and a fellow Cornishman. Gaffney with his usual predilection to obtrude his proberis into other people's business, attempted to seize a chance to have a little sport, interferred. The result was a general row, in which Pascoe was badly treated. The Justice fined the festive Ted five dollars and costs, upon payment of which he was discharged.

ONTONAGON.—The Miner claims for the whisky of Ontonagon that "there is more fight in a quart of it than in the whole army of the republic." Probably this explains why the editors of that place are eternally quarreling with one another.

Mrs. Helen Dickens has offered the band the use of her store room, formerly used as a restaurant, to practice in, and the boys will raise the Dickens there in a musical way when the new instruments arrive.

The Herald of Saturday, the 1st inst., had not heard of the action taken by the board of railroad control, but was confident that the logic of Tim Nestor, Charles M. Howell, et al., would not fail to procure from it the desired order. How disappointed the Herald people must have been when they learned the action taken by the board! Tim and his mob are all-powerful in the sanetum of the Herald, but their "in-floingness" is pretty much confined to its four dingy walls.

To judge from the last issue of the same sheet the future of Ontonagon county depended on the election of its editor as county clerk last Monday. The county must be in a bad way by this time.

W. S. Dalliba & Co., IRON ORE and PIG IRON.

85 DEARBORN ST., ROOM 16, CHICAGO, [694-lyr.] ILL. ESTABLISHED 1854. PETER DEVINE, Prop'r. DEVINE'S STEAM BOILER WORKS MANUFACTURE ALL KINDS OF BOILERS, STACKS, LARD TANKS, COOLERS AND DRYERS, SHEET IRON WORKS, ETC. REPAIRING PROMPTLY ATTENDED TO. Office and Shops, 383 to 393 Canal Street, (Near Polk Street.) New and Second-hand Boilers always on hand. 710y1 CHICAGO.

W. W. COLLIER & Co., Manufacturers and Jobbers. —MERCHANT BAR— IRON, Nails, Spikes, Sheet, T Rail, Steel and Pig Iron. Foot Wayne Street, DETROIT. 671y

JONES & LAUGHLINS, Manufacturers IRON, NAILS, T RAILS, SPIKES, Steel, Patent Cold-Rolled Shafting, Pulleys, Couplings, Hangers, etc. MINING SUPPLIES OF ALL KINDS. Lake & Canal streets, CHICAGO. 682m6

H. C. Moore & Co., STOCKS AND BONDS, ATWATER BLOCK, ROOM 21 CLEVELAND, OHIO. LAKE SUPERIOR IRON MINES STOCKS A SPECIALTY. 716m6

IRON Steam Pumps, BRASS And Iron Goods, &c., Manufactured by W. PIPE Orange Bros. Mfg Co. 689y 10 N. Jefferson St., CHICAGO.

W. BINGHAM & CO., Hardware, Iron, Nails and Metals, Railway and Mining Supplies. 148 and 150 Water St., W. Bingham, H. C. Blossom, J. E. Greene. CLEVELAND, O. 408y

J. H. DALLIBA, LAKE SUPERIOR and MENOMINEE RANGE IRON ORE ROOMS 19 and 20, 122 WATER ST., CLEVELAND, [694y2.] OHIO.

J. A. KRUSE. R. P. TRAVERS. KRUSE & TRAVERS, Dealers in Iron, Copper & Silver Lands and Mines. Mines and Options Bonded and Sold. MAIN OFFICE: Room 1, 88 E. Washington St., CHICAGO, ILL. BRANCH OFFICE: NORWAY, MICH. 661y

ESTABLISHED 1856. Instruction in Assaying and Analysis a Specialty. G. A. MARINER. Analytical and Consulting CHEMIST, 81 So. Clark St., Rooms 49, 51 & 55, CHICAGO. Assays and analyses of all kinds. Chemistry applied to Mining, Geology, Useful Arts, Metallurgy, Medical, Legal, and Food Adulterations. OFFICE OF BUCKEYE IRON CO., YOUNGSTOWN, O., March 1, 1882. THE STOCKHOLDERS of the Buckeye Iron Co. are notified to meet at the office of Andrews & Hitchcock, in this city, on Monday, April 16th, 1882, at eleven o'clock A. M. The object of the meeting is to consider a proposed lease of the company's property to Wm. J. McKinley and others. A full attendance is requested. J. G. BUTLER, JR., Secretary. 715w5



NEGAUNEE.

E. S. GREEN returned from his purchasing trip below on Thursday.

FOUR of Negaunee's thugs are now in the county jail. What a relief!

The fire company will assemble in monthly meeting next Monday evening.

CAPT. NAT. D. MOORE, of Ashland, Wis., has been with us during the week.

MR. JOSEPH KIRKPATRICK and wife of Cascade have returned from California.

The dramatic association goes to Ishpeming next Wednesday evening, appearing in Austin's hall.

The Methodist Episcopal church observed Good Friday by appropriate services, both morning and evening.

TO-MORROW is Easter Sunday. If it's a fine day, it will be in order for the ladies to appear in their spring bonnets.

The July weather of the present week has made lots of mud, and revealed any quantity of filth in the alleys and out-of-the-way places.

JULIUS JACOBSON offers his entire stock at almost any price. He's going to close out of business here, with a view to engaging in trade elsewhere.

SERVICES at the Episcopal church to-morrow will be held at 8:30 A. M. and 7 P. M. The church has been decorated in a manner becoming the Easter tide festival.

GALLAGHER, the young man so badly pounded by the quartette of thugs, is improving, and unless inflammation should set in his recovery may be looked for.

BIDS are asked for the foundation work of the proposed new Catholic school, and stone masons may see the plans by calling on the Rev. F. Eis, at the rectory.

THE manufacture of explosives will soon begin at the Negaunee chemical works. A. J. Parker, manager of the company, is now in the city making the necessary preparations.

THE outgoing council held its final meeting last Thursday evening. The walls that have so long echoed the eloquence of some of the members will resound thereto no more forever.

MR. A. ANTISEL, of Milwaukee, superintendent of this division of the American Express company, was in the city on Thursday, as also was Mr. W. S. Dalliba, iron stock dealer of Chicago.

WHILE lying in a drunken stupor, John Ralph of the Cheshire mine, was robbed of his pocket book, containing \$80 by one Zach Bray, a companion. The man Bray is in Marquette jail awaiting trial at the next term of the circuit court.

H. M. ATKINSON has just received a supply of the La Belle wagons—than which there is no better manufactured. He has also a number of fine carriages. Persons desiring to make purchases in the line of wheeled vehicles would do well to consult him.

MR. AUSTIN B. MORSE took the south bound train yesterday for a brief trip to Minnesota, where he will visit friends. Before returning Mr. Morse will visit Chicago and Detroit, where he will complete purchases of summer goods for the various branches of business carried on by Morse Bros. & Co., whose store is already so full of new goods that we can't well see where they are going to put more.

TED GAFFNEY was re-arrested at Norway Tuesday last by a constable from Champion, at the instance of Timothy Hughes, one of Gaffney's bondsmen. The fugitive from justice arrived at Ishpeming in charge of the officer on Wednesday, and at a hearing before Justice Young, of that city, on Thursday, was bound over to the next term of the circuit court for trial on the original complaint. He is now in the county jail. The MINING JOURNAL has no desire to pursue this young man further, but we can't help but feel that he is better qualified to adorn his present place than he ever did at Negaunee's guardian during the witching hours of night.

VICTORIA LOFTUS' British yellow-haired blisters held forth to a motley gang of bald heads in Winter's hall last Thursday evening. The MINING JOURNAL missionary wasn't in attendance, but an inspection of the posters announcing their coming was sufficient to convince him of the real character of the show. We like the legitimate drama, concerts and other modes of popular amusement of an innocent character, and to such companies we have nothing but encouragement to hold out for their coming; but those conglomerate aggregations of licentious blisters that appeal to the baser passions of man in order to get a hearing, and offer nothing in return for the patronage enticed but low, ribald songs and disjointed, obscene jokes, we can and will not mention other than disapprovingly. Their audiences are usually made of roughs, growing boys, and men who have little regard for morality, a class of which every community has its share. We will wager five to one that one of every ten men who witnessed this show would not tell their families where they went, and that if any of them have sons they would jam the boy into the middle of next week if they knew he was in attendance. These companies are always made up of the scabs that are scraped from out the slums of the large cities, but who find it profitable to display their putrefaction in the smaller towns, where virtue is more abundant. We hope the incoming administration will exercise the power of discrimination and keep all such entertainments from our place in future.

MONDAY's municipal election was not the liveliest affair imaginable, for the reason that there was no general opposition to the regular caucus nominations. The vote polled was not heavy, 608 being the number cast. For the offices of mayor, recorder and treasurer there was no opposition whatsoever, and the regular candidates didn't have to spend much money. For the office of assessor there was a fight between Philip B. Kirkwood and Charles Muck—two popular gentlemen. The majority for Kirkwood was sixty votes. Five candidates were entered for the justiceship, but the heat was won by Joseph H. Primeau, a gentleman of culture and large experience as a municipal magistrate. For aldermanic honors there was no opposition to the regular nominations except in the second ward, where Jacob Schneider was elected by a majority of one over Charles Sporley. The MINING JOURNAL is well satisfied with the incoming administration, and feels certain that the coming year will see much done in the way of city improvement. The following is the list of victims: Mayor, Edward Breitung; assessor, Ph. B. Kirkwood; recorder, Byron D. Jones; treasurer, Donald McDonald; school inspector, Titus T. Hilbert; justice of the peace, Joseph H. Primeau; constables, John Jennings, Ovid LaTourrelle, Joseph Johnson and George Gordon. First ward—supervisor, Alfred Desjardins, M. D.; alderman, Henry Lee; Second ward—supervisor, Maurice E. Gaffney; alderman, Jacob Schneider. Third ward—supervisor, Nathaniel Hilbert, alderman, Henry Merry.

**SYMPTOMS OF PARALYSIS.**—A twitching of the eyes, numbness of the hands and feet, with more or less pain and throbbing at the base of the brain, are some of the premonitory symptoms of this rapidly increasing disease. German Hop Bitters should be taken when you are warned by any of these symptoms.

**THE St. Louis (Mo.) Post-Dispatch** at the close of a long article says: In fact St. Jacobs Oil is pushing all other remedies out of the field, and excellent though some of the liniments formerly offered are, the efficacy of St. Jacobs Oil is magical in cases of sciatica, rheumatism, pleurisy, neuralgia, nervous headache, lumbago and scores of other disorders; while in the case of sprains, burns or injuries it is an absolute panacea, and for general use is better than the advice of many physicians. "A word to the wise is sufficient."

**H. M. ATKINSON,**

Dealer in Heavy Draught Horses

FOR MINES AND CAMPS.

Agent for the celebrated

**LaBelle Wagon!**

BEST IN THE WORLD.

All kinds of fine family carriages constantly on hand and sold cheap.

**H. M. ATKINSON,**

716 1/2 Negaunee, Mich.

**KUHLMAN,**

—THE—

**GROCER,**

KEEPS THE FINEST GROCERY STORE. THE CLEANEST STOCK, THE FRESHEST GOODS, THE LARGEST ASSORTMENT, and SELLS AT LOWEST PRICES.

Consumers will find it to their interest to purchase their Groceries of me.

Negaunee, Mich. 663r. G. L. KUHLMAN

**HAVE**

Your Magazines and Music

**BOUND!**

—BY—

**C. A. Eggers**

Prices lower than ever, and in accordance with the times.

MINING JOURNAL BUILDING, MARQUETTE, MICH.

SEASON'S ARRANGEMENT.

**WARD'S**

Detroit and Lake Superior

**LINE,**

Consisting of the following first-class Freight Propellers:

NORTHERN—Capt. Shepherd, S. F. HODGE—Capt. Cummings, ROANOKE—Capt. Bogart, OSCEOLA—Capt. Murch,

Making semi-weekly departures from Buffalo, Cleveland and Detroit.

AGENTS—P. V. Carroll, Buffalo; S. W. Brett, Cleveland; Hutchings & Co., Detroit.

715 1/2 EBER WARD, Manager.

**THE ONLY PERFECT**

SEWING MACHINE. SIMPLEST LATEST IMPROVED. MOST DURABLE & BEST.

WRITE DIRECT TO US—NEW HOME SEWING MACHINE CO. 30 UNION SQUARE, N. Y. CHICAGO, ILL. GRAND RAPIDS, OR ATLANTA, GA.

AND MAKE HOME. IF THERE IS NO AGENT NEAR YOU.

30 UNION SQUARE, N. Y. CHICAGO, ILL. GRAND RAPIDS, OR ATLANTA, GA.

H. R. HADRICK, AGENT, MARQUETTE, MICH. 705yr

**NOTICE OF CONDEMNATION.**—To Charles T. Harvey, Sarah V. E. Harvey, James M. Wilkinson, Harvey Harbor company, Pierre W. Willey, Walter E. Field and Thomas B. Ryan, and all other persons having, or claiming to have, any title to or in the land hereinafter described and sought to be acquired, or any portion thereof: Take notice that on the twenty-sixth day of April A. D. 1882, at ten o'clock in the forenoon, in and for the Detroit, Mackinac and Marquette railroad company will be presented to the probate court for the county of Marquette, in said county, for the purpose of acquiring title to a strip of land one hundred feet wide, being fifty feet on each side of the centre line of the railroad track of said company, for a roadway, as laid out across the following tracts of land in said county, to-wit: Section six (6), in township forty-seven (47) north of range twenty-four (24) west, being a parcel of land forty rods square, in the north-east corner of said section, and section six (6), in township forty-seven (47) north of range twenty-four (24) west, in accordance with a map and survey thereof filed in the office of register of deeds in said county, together with the right to construct and maintain bridges for its railroad across the Choccolay River and the bayou tributary thereto, at the points where said railroad line crosses the same, as shown by said map and survey, upon said section six (6). An application will be made to said court, at said session, at said time and place aforesaid, or as soon thereafter as counsel can be heard, for the appointment of three commissioners, to-wit: one to be named by said company, and two by the court, to ascertain the necessity of taking and using said property by said company, and to determine the damages or compensation which ought justly to be made by said company to the persons owning or interested in said lands, at which time and place you can, if you desire, appear for your interest in the premises.

Dated Marquette, Mich., March 26th, A. D. 1882.

EDWARD S. HARDY, Judge of Probate, 712w7

[First publication Mar. 25th 1882.]

**STATE OF MICHIGAN, COUNTY OF MARQUETTE.**—At a session of the probate court for the county of Marquette, held at the probate office, in the city of Marquette, on Tuesday, the twenty-first day of March, in the year one thousand eight hundred and eighty-two. Present, Hon. Edward S. Hardy, Judge of probate. In the matter of the estate of William Rowe, deceased. On reading and filing the petition duly verified, of Thomas Rowe, praying that administration upon said estate may be granted to him, said petitioner, or some other suitable person. Thereupon it is ordered, that Monday, the seventeenth day of April next, at ten 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 held 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 it 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, 714w1

[First publication March 18th, 1882.]

**STATE OF MICHIGAN, COUNTY OF MARQUETTE.**—At a session of the Probate court for the county of Marquette, held at the Probate office, in the city of Marquette, on Thursday, the eleventh day of March, in the year one thousand eight hundred and eighty-two. Present, Hon. Edward S. Hardy, Judge of probate. In the matter of the estate of William Bagley, deceased. An instrument purporting to be a true copy of the last will and testament of said deceased, and the probate thereof, filed in 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 it is further ordered, that said guardian 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, 714w1

[First publication March 18th, 1882.]

**STATE OF MICHIGAN, COUNTY OF MARQUETTE.**—At a session of the Probate court for the county of Marquette, held at the Probate office, in the city of Marquette, on Saturday, the eleventh day of March, in the year one thousand eight hundred and eighty-two. Present, Hon. Edward S. Hardy, Judge of probate. In the matter of the estate of John Roberts, deceased. On reading and filing the petition, duly verified, of William Jose, praying that he, said petitioner, or some other suitable person, be appointed to administer upon said estate. Thereupon it is ordered, that Monday, the tenth day of April next, at ten 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 held 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 it 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.

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EDWARD S. HARDY, Judge of Probate, 714w1

[First publication April 1, 1882.]

**PROBATE NOTICE FOR HEARING CLAIMS.**—Notice is hereby given that by an order of the Probate Court for the county of Marquette made on the twenty-seventh day of March, A. D. 1882, six months from that date were allowed for creditors to present their claims against the estate of George A. Ewing, late of said county, deceased; and that all creditors of said deceased are required to present their claims to said probate court, at the probate office, in the city of Marquette, for examination and allowance, on or before the twenty-eighth day of September, next, and that such claims will be heard before said court, on Wednesday, the twenty-eighth day of June, and on Thursday, the twenty-eighth day of September, next, at ten o'clock in the forenoon of each of these days.

Dated March 27th, A. D. 1882.

EDWARD S. HARDY, Judge of Probate, 715w7

**LAKE SUPERIOR CARRIAGE WORKS,**

NEGAUNEE, MICHIGAN.

Manufacturers of every variety of Carriages, Wagons, Sleighs, &c.

Repairing done in all its branches. Shop south of M., H. & O. R. R. depot.

J. E. RICHARDSON. 515r

**MORSE BROS. & CO.**

Carry the largest and best assorted stock of General Merchandise in the city, consisting of

**Dry Goods, Clothing,**

GROCERIES, BOOTS, SHOES, &c., &c.

When in want of anything in our line you will find it profitable to give us a call.

MORSE BROS. & CO., Negaunee.

**Grand Clearing Out Sale**

—OF—

**WINTER GOODS!**

—CHEAP AT—

**J. H. KRAEMER'S,**

**NEGAUNEE.**

Call early and get bargains.

**Eagle and Michigamme Mills**

Seasoned and Dressed Lumber, Ceiling, Siding, Flooring, Lath, Pickets, Dressed and Headed or Rough, Shingles, Sash, Doors, Blinds, Mouldings, Brackets; all kinds of Scroll Work, etc. Window and Door Frames, Hemlock Well Plank, Spruce Ladder Stuff, Lagging for Steam Pipes. Bills cut to order.

**F. W. READ & CO.,**

Eagle Mills, Marquette Co., Mich.

639

**RIVERSIDE IRON WORKS,**

DETROIT, MICH.,

**Lake Superior Iron Works,**

HOUGHTON, MICH.

Manufacturers of Mining and Saw Mill Machinery, Portable, Stationary and Marine Engines, Turner's Improved Steam Valve, Blake's Stone and Ore Crusher, Etc., Etc.

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Judson's Standard Governor, and Blake's Patent Steam Pump. SAMUEL F. HODGE, No. 320 Atwater St., Detroit, Mich. 645yr HARRY S. HODGE, Agent, Drawer 46, Houghton, Mich.

**Jennings & Hager,**

**MERCHANT TAILORS,**

143 GRISWOLD STREET,

Mechanics Building, Opposite City Hall,

**DETROIT.**

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**Feibish & Co.,**

Wholesale Dealers in Foreign and Domestic

**WINE AND LIQUORS,**

Cigars, Tobacco and Smokers' Articles.

NEGAUNEE, MICH.

Also a large stock of Old Kentucky Bourbon and Sour Mash Whiskies. 695r

**VALUABLE TRUTHS.**

"If you are suffering from poor health or languishing on a bed of sickness, take cheer, for

Hop Bitters will cure you

"If you are simply ailing, if you feel weak and dispirited, without clearly knowing why,

Hop Bitters will Revive You.

"If you are a Minister, and have over-taxed yourself with your pastoral duties, or a Mother, worn out with care and work,

Hop Bitters will Restore you.

"If you are a man of business or a laborer, or are young and growing too fast, as is often the case,

Hop Bitter will Strengthen you.

"If you are suffering from over-eating or drinking, any indiscretion or dissipation, or are young and growing too fast, as is often the case,

Hop Bitter will Believe you.

"If you are in the work shop, on the farm, at the desk, anywhere, and feel that your system needs clearing, toning, or stimulating, without intoxicating,

Hop Bitters is what you need.

"If you are old, and your blood thin and impure, pulse feeble, your nerves unsteady, and your faculties waning,

Hop Bitters will give you new Life and Vigour.

"HOP BITTERS is an elegant, healthy, and refreshing flavoring for sick room drinks, impure water, etc., rendering them harmless, and sweetening the mouth, and cleansing the stomach."



**Cathartic Pills**

Combine the choicest cathartic principles in medicine, in proportions accurately adjusted to secure activity, certainty, and uniformity of effect. They are the result of years of careful study and practical experiment, and are the most effectual yet discovered for diseases, caused by derangement of the stomach, liver, and bowels, which require prompt and effectual treatment.

AYER'S PILLS are specially applicable to this class of diseases. They act directly on the digestive and assimilative processes, and restore regular healthy action. Their extensive use by physicians in their practice, and by all civilized nations, is one of the many proofs of their value as a safe, sure, and perfectly reliable purgative medicine. Being composed of the concentrated virtues of purely vegetable substances, they are positively free from calomel, or any injurious properties, and can be administered to children with perfect safety.

AYER'S PILLS are an effectual cure for Constipation or Costiveness, Indigestion, Dyspepsia, Loss of Appetite, Foul Stomach and Breath, Dizziness, Headache, Loss of Memory, Numbness, Biliousness, Jaundice, Rheumatism, Eruptions and Skin Diseases, Dropsy, Tumors, Worms, Neuralgia, Colic, Gripes, Diarrhoea, Dysentery, Gout, Piles, Disorders of the Liver, and all other diseases resulting from a disordered state of the digestive apparatus.

As a Dinner Pill they have no equal.

While gentle in their action, these PILLS are the most thorough and searching cathartic that can be employed, and never give pain unless the bowels are inflamed, and then their influence is healing. They stimulate the appetite and digestive organs; they operate to purify and enrich the blood, and impart renewed health and vigor to the whole system.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

SOLD BY ALL DRUGGISTS EVERYWHERE.

**Randaal's Portraits**

MOST ARTISTIC WORK IN THE WEST

Instantaneous 'Gelatine' Work FOR BABIES' PICTURES.

Best Cart Photographs, \$2.50 per Doz. Best Cabinets, 6.00

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**WAGONS!**

BUY THE BEST.



THE JACKSON

"Common Sense,"

Manufactured by

AUSTIN, TOMLINSON & Co.

Especially adapted to

Lake Superior Roads.

LISTEN TO THE POET:

Its timbers are of sturdy oak. Its tires of truest steel. Its running gear is ironed well. Symmetrical its wheel. It wags its tongue with woman's ease. When steered by a guide Attached unto a whiffle-tree— So let us take a ride.

CHORUS:— "Then wait for the wagon," etc.

MAJ. JOHN BEEDON, Ag't.

696r1f Marquette, Mich.

A. MATHEWS,

Land, Tax and Exploring Agency,

MARQUETTE, (L. S.) MICHIGAN.

Land office business a specialty. Land Warrants and Script bought and sold.

All kinds of Maps made to order 657r

Much as they affect to despise everything American, our British cousins are not above copying Yankee cleverness in some cases—as witness the following from the letter of a correspondent in an English trade paper:

I have heard a singular fact from the iron districts. The iron trade has lately gone up largely. The depression has abated, and things look hopeful and promising. The raise in price is not so much due to home demand as to an increase in our export trade, and the cause is curious, and shows how ingenuity can overcome difficulties. The United States put a stopping tax on manufactured iron entering the states, especially in the form in which it generally does enter them, namely, as iron rails for railway purposes. The tax was so heavy that our factories suffered and depression set in. But I am told that a way has been discovered so to meet the necessity as to evade the tax. Iron is now being exported in a form which does not technically come under the name of manufactured iron, but which nevertheless is so made up that on being subjected to a very simple course of machinery in the states the lumps of iron can be rolled out into lengths of rails for railway purposes. To all intents and purposes it is manufactured iron, except to the intent and purpose of the American revenue. On the other hand I am told that a large share of what are known as "American novelties," namely cheap and ingenious articles of ironmongery, are made at Sheffield, and do duty in English shops as American goods. We ought to be able to produce as cheaply as America, and we are, and so we save freight. These "novelty" shops are now getting almost as common in London as cigar shops. It is a new industry, to be met with in all quarters of the town. Shops where they could purchase wooden nutmegs, basswood hams, and such-like "novelties," would give the streets of London a more familiar look to the eyes of American tourists. These should be added at once. May we not hope that British ingenuity is equal to this further demand upon it? After having succeeded in hoodwinking our government in the manner vaguely hinted at above—by putting a dutiable article into a non-dutiable form for the purpose of avoiding impost tax—they ought to be prepared for greater triumphs of "cuteness." The trifling loss to our revenue sustained by the evasion of duty on steel blooms boasted of is not without its compensation. It is pleasing to know that our protective system is making our amiable friends over the water "smart" in the double sense of the word!

Wisconsin's legislature dispersed last week without doing anything particularly reprehensible, and the people of that state are tickled to death over it.

REPUBLIC.—The season of mud is upon us and there is a scarcity of ladies upon the streets in consequence. When the people get real mad over this walking through mud up to their breast bone, maybe they will demand a few yards of sidewalk.

Mrs. Warner, of Muskegon, mother of Mrs. W. E. Tyler and Miss Clara Warner, came up last week and is a guest at Mrs. Tyler's.

Mrs. John Hood has been quite ill for some days past at the home of her parents in Humboldt. Mr. Hood has given up his locomotive and is with her.

Justice Doyle went to Marquette on Tuesday.

Scarlet fever lingers about the location, and has already entered nearly one half of the families in town. The number of deaths from this disease, however, is very small.

Mrs. Thomas Skewes, wife of the chief engineer at the Columbia, gave birth to twin boys last Saturday.

The little four year old son of Mr. Mrs. Frank D. Veran, died of membranous croup last Sunday morning, and was buried on Tuesday afternoon. The parents have the sympathy of a wide circle of friends in their terrible bereavement.

The Good Friday festival, for the benefit of the Methodist Episcopal parsonage fund, occurred last evening and was a grand success. It occurred too late in the week for us to be able to state the amount of money raised.

Iron City people are agitating the question of a village incorporation. Better make it a city.

Monday's election was a comparatively quiet affair, there being no spirited opposition to the regularly nominated ticket, which was elected entire, with the single exception of township clerk, which office was captured by Eric E. Exstrom by a small plurality over John McGuire and Willis E. Tyler. Each recurring an equal election here witnesses a large amount of month opposition to the regular ticket a few days before the election, but it usually simmers down to thin air when the polls open. This year an extra effort was made to wrest the supervisors from Capt. Pascoe, but as the name of James O. St. Clair was used to head the opposition, without that gentleman's consent, and so used after he had positively refused to run, the movement flattered out. What the dissenters wanted was a leader, and an organization, and last, but not least, some tangible excuse for their discontent.

The waiting room of the M., H. & O. depot here has not a single seat in it, and ladies and gentlemen who wait for trains are either compelled to stand or sit on the floor and let their feet hang down.

[First publication April 8, 1882.] NOTICE IS HEREBY GIVEN THAT THE following application for the detachment of a portion of the territory of the township of Ely, in the county of Marquette and state of Michigan, and the erection of the same into a new township, to be called the township of Crystal Falls, will be presented to the board of supervisors, for the said county of Marquette, at its next regular meeting, and its action requested thereon.

Dated at Crystal Falls, Michigan, April 3rd, 1882. PETITION. Of the County of Marquette, Michigan: We, the undersigned freeholders of the township of Ely, in the county and state aforesaid, do hereby respectfully petition your honorable body to detach and set off from said township all that portion of its territory lying west of the west line of the range of townships designated in the government survey as range thirty (30) west, and to erect the territory so set off into a new township to be called the township of Crystal Falls, and under such conditions as your honorable body may see fit to enact. And your petitioners will ever pray.

Dated at Crystal Falls, in said township of Ely, this third day of April, A. D. 1882. NAMES. The Crystal Falls J. E. Bower, Arthur J. Van Anda, Iron Co., by J. H. Elmore, Superintendent, W. S. Carroll, O. O. Welch, A. Vandanaigne, S. D. Hollister, Wm. Doucett, Cady Hollister, Paul A. Tenney, Geo. Runkel, David T. Adams, Thos. Moran, Joseph E. Kelly, and others.

FOR SALE!

One team of horses and harness, two Delivery Wagons, one Lumber Wagon, one Spring Buggy, one 12-horse power engine, and two portable boilers, one 6-horse power engine, one steam brick machine, which I will guarantee to turn out 18,000 bricks per day, one brick press. Will sell 40 acres of sufficient good brick clay to run a brick yard, 60 acres of hard wood land on line of D., M. & M. R. R., one 18-foot store counter.

JOHN F. MACK, MARQUETTE, MICH. 718ft

NEW Spring Goods

JUST ARRIVED FROM NEW YORK.

at the NEW YORK CASH STORE

NEW DRESS GOODS, NEW BLACK GOODS, NEW DRY GOODS, NEW LACE GOODS, NEW MEN'S & BOYS' CLOTHING.

See our next week's sale:

40 Pieces Dress Goods, from 18 to 20c; former price, 27 and 30c. 400 yards Carpets, 75c; usual price, 85c. 150 pieces Embroidery, 50 per cent. cheaper than elsewhere. 100 pieces Calico at 5c per yard. 150 suits Gents' Underwear at 50c.

M. TOPOLASKA, Second Door from Post Office.

Lake Superior Ice!

The undersigned have in store about 3,000 TONS

Solid Lake Ice

one foot thick, for sale and delivery the coming season, at 25 cents per cwt. when taken from wagon in the morning; or, thereafter, 25 cents per cwt. in ice house.

Suitable deductions will be made on large orders.

Make season contracts previous to May 1st.

E. REAU & SON, 716m3

M. R. MANHARD & CO., MARQUETTE, MICH.

Have the largest and most complete stock of Builders' and Mechanics' HARDWARE

On the U. P. Sole agents for the Michigan Stove Company's STOVES AND RANGES!

which are not to be excelled in price or quality Also a full line of PAINTS, OILS AND VARNISHES!

Immense stock of Wooden Ware and House Furnishing Goods.

Particular attention given to Plastering and Gas Fitting, Tin and Sheet Iron work. 634

BOSTON, March 24, 1882. THE ANNUAL meeting of the stockholders of the Marquette Iron Mining Co. will be held at the office of J. H. Daliba, 122 Water St., Cleveland, Ohio, on Wednesday, April 25, 1882, at eleven o'clock, A. M., to elect directors for the ensuing year, and to transact any other business which may legally come before them.

W. E. STONE, Secretary.

Crockery, CHINA AND GLASSWARE, PLAIN AND DECORATED. THE FINEST

SPRING STOCK EVER DISPLAYED IN THE COUNTRY.

OUTSIDE ORDERS SOLICITED.

E. O. Stafford & Bro., MARQUETTE, MICH. 714ft

SEEDS! FOR THE VEGETABLE GARDEN FROM D. Landreth & Sons,

Who owns farms in Pennsylvania, Virginia, New Jersey and at Manitowoc, Wis., 1,574 acres in all, devoted exclusively to growing seeds adapted to the various climates of the country. We purchase these seeds direct from the Messrs. Landreth, and they should not be classed with the seeds left on commission throughout the country. Use Landreth's seeds, and a good vegetable garden is assured. Also for sale, PETER HENDERSON & Co.'s FLOWER SEEDS.

MURRAY & ROBBINS. Lawn grass seed—now is the time to sow it.

WHAT IS IT! SPENCER'S HARNESS FACTORY, LARGEST ON LAKE SUPERIOR.

Can suit every customer, and am open for all comers. Horse Blankets, \$1.25. Fresh arrival. Robes sold.

MARQUETTE, MICH. 655y

FOR SALE! I have four good dwelling houses for sale on reasonable terms. Apply at once. 714w4 D. H. BALL

PRICES REDUCED! BY F. B. Spear, DEALER IN HAY, GRAIN, Feed, Coarse and Fine Corn Meal, Graham and Rye Flour, —Fancy Patent— FLOUR, Brick, Cement, Plaster, Cordage and Blocks. HARD & SOFT WOOD, Salt, Oil, &c. OAKUM, TAR, PITCH, Roofing Tar. All kinds of Coal.

THE EXCELSIOR Livery AND BOARDING STABLE

Is now better than ever prepared to furnish on short notice

Horses, Double and Single, Open and Covered Carriages

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. FREEMAN & BRO., Proprietors, FRONT STREET. (Nearly opposite First National Bank.) 602 MARQUETTE

ECLIPSE LIVERY, Boarding and Sale —STABLE.— G. W. REED, Prop., SUPERIOR STREET, MARQUETTE, MICHIGAN.

A full assortment of all KINDS OF RIGS

Always on hand. Having fitted up this stable entirely new, and purchased a fresh supply of HORSES AND RIGS, I solicit the patronage of the public, guaranteeing patrons good Rigs and Horses. 606y1. G. W. REED.

IRON BAY MANUFACTURING Co. Manufactures Hoisting and Pumping MACHINERY, STEAM ENGINES, Boilers, Car Wheels and Castings IRON BAY FOUNDRY, Marquette. ISHPEMING FOUNDRY, Ishpeming. 646

PETER DOLF, Dealer in Hardware, Stoves and Tinware. Agent for the celebrated ACORN STOVES AND RANGES. Manufacturer of TIN, SHEET-IRON AND COPPER WARE. Cor. Front and Washington streets, MARQUETTE, (661y) MICHIGAN

BOTTLED BEER. R. ROHL, BOTTLER! Cor. Spring and Third Sts., MARQUETTE, MICH. Are now ready to supply the Trade and Families with MEESKE & HOCH'S LAKE SUPERIOR LAGER BEER. 698ft

HAGER & JOHNASON, MARQUETTE, MICH., Dealers in FURNITURE, Upholstery, Carpets, Paper Hangings, Sewing Machines, Children's Carriages, —AND— Funeral Directors' Goods, Also Manufacturers and Dealers in DOORS, SASH, BLINDS, FLOORING, SIDING, CEILING, &c., &c. Factory on Main St., Marquette, Michigan.

This Space is Reserved for H. H. STAFFORD, —DEALER IN— DRUGS AND FANCY GOODS.

Perfection Baking Powder, —MANUFACTURED BY— SPRAGUES, WARNER & GRISWOLD.

We are pleased to send you an extract from a report of the Health Commissioner of Chicago, giving an analysis of the leading Baking Powders sold in the west:

OSCAR DE WOLF, Commissioner of Health. LABORATORY OF THE HEALTH DEPARTMENT: CHICAGO, AUG. 3, 1880. DEAR SIR:—I have made a very careful and elaborate chemical analysis of twenty-seven samples of baking powders received from the hands of Mr. Merkl, your clerk, and have the honor to report the following table of figures:

Table with 3 columns: SOLUBLE ASH, INSOLUBLE ASH, TOTAL ASH. Rows include PERFECTION, DR. PRICE'S CREAM, ROYAL.

A known and weighed quantity of baking powder was incinerated in a silver crucible until only a gray residue was left. This is the total ash. It was carefully removed to a glass vessel and acted upon by hydrochloric acid and distilled water at the boiling point; what dissolved in that menstruum has been called soluble ash, and that which did not, insoluble ash. I have the honor to be, sir, yours very respectfully, R. S. G. PATON, Chemist of the Health Department.

PHILIP BERDIE, WHOLESALE and Bending, Liquor Merchant —AND JOBBER OF— FINE CIGARS, LIQUORS AND CIGARS, FRONT ST., MARQUETTE.

Always in stock, a great variety of sweet and sour mash Bourbon and Ryes, fine Imported Brandies, Gins, Jamaica Rum, Sherries, Ports, AND ALL KINDS OF CORDIALS. Brandenburg Fines' CLARET, and G. H. Mumm & Co.'s CHAMPAGNE, C. Laurenten Sohns' RHINE WINES, R. Bruninghaus' BERGUNDY WINES.

Domestic, Key West and Imported Cigars. Agents for John Gibson's Son & Co.'s celebrated Ryes, and for Western Cigar Co., Detroit. 607y

J. HODGKINS, Livery and Boarding Stable, (At Reed's former stand.) MARQUETTE, MICH. Parties can order rigs from me by telephone from J. W. Spear's stores on Front street and at the Rolling Mill. 710ft NELSON HODGKINS, Manager.

GRAY'S SPECIFIC MEDICINE. TRADE MARK. The Great TRADE MARK. English Remedy. An unfailing cure for SEMINAL WEAKNESS, SPERMATORRHEA, IMPOTENCY, and all Diseases that follow as a consequence to SELF AFTER TAKING. Abuse of Loss of Memory, Universal Laxative, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet, which we desire to send free by mail to everyone. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money, by addressing THE GRAY MEDICINE CO., 683y No. 106 Main street, Buffalo, N. Y. Sold in Marquette by H. H. Stafford.

ESTABLISHED... WANT... CONK... THE... OBG... Conklin... FOR... Brown &... TOWN... cough... WAN... ply at on... ALL... ANY... Elm or H... money by... Fraser... EAST... Everett's... FOUR... 717w2... WAN... care of H... and yard... 714w4... BEFO... agents or... no matter... lin—he w... as close p... BUY... at E. O. S... THE... and Gent... Star Cloth... A FIR... on easy to... FOR... late style... to Markw... STOP... "PINE... pine land... ROBINSON... 705m5... MOTH... choice sel... at Markw... OUR... ware for... ever displ... as usual... 714ft... THE... Honey... THE... makes su... you have... CON... STEINW... teed... WHI... and buy... guarantee... at... DRY... Leave or... mill, or at... FOR... Honey... WAG... of Fond... the grade... LUMBER... patent un... is a great... on on r... lumber tr... buggies, &... the very... every part... at the Co... ders pro... 714ft... GENT... ery at W... LEAV... Suit or P... House... PIAN... Those w... interest... ("Prof. M... 50th... CONK... celebrate... cash, or... and up... Cash pri... Cabinet O... A sp... added to... gan's pe... house, M... of his inc... his exten... received f... Don't... when you... terms fro... REV... the Pat... er's hall