AV. 1881. Woolliscroft ouluth on the ntleman will

place or Suuse on Third

s Deschaine, Mother and

ddling green raised in his Superior. has come out

ed and looks irge boat for Tuesday and dise

attorney of nday on busier who is to

was the lawople here so

, has notices rs for the enrt house June

671tf

Bank, TE, close of bus-

...\$124,883 17 . 50 000 00 ats., 47.473 83 44,955 95 es.. 15,000 00 8 10 618 15 22,359 00 keis 87 45 18,780 93 14,000 00 .. 2,250 00 ...\$340,409 23 ..\$100,000 00 20,000 00 2,990 29 42,100 00

ek. 143.043 78 24.531 68 5,570 00 rs.. 2,248 53 .\$340,469 23 of the above hat the ab ve av knowledge OP, Cashier. me this 20th RTIN, JR., te Co., Mich. Directors. LS

rk received by be ninth day

and furnishe repairs and unity Courtlution of the unty, passed

669w4

26th, 1881.

669tf

SPEAR'S.

brewery.

trouble.

666tf

good as new.

667tf

666m2

665tf

651tf

CONKLIN'S.

by F. B. spear.

ESTABLISHED IN 1846. BUSINESS NOTICES.

NOTICE. - Miss D. E. Cooney, fresh painting. music teacher, has removed to the front rooms over Mack's store, Washington street, where she is prepared to give instructions in plano-071w1 forte music as heretofore. week.

MONEY to loan on good security. Address, L. E., Marquette, drawer 363. 6711f

A. HORNSTEIN, Business Manager. }

BOARDING .- After June 1st a limited number of boarders can find good board and pleasant rooms on south side of Washington street, six doors west of Front. "MRS. SARAH THEXTON.

MR. McIsAAC, 338 Broadway, New

York, buys for large houses in Buffalo, Albany, Indianapolis and other large cities at the same time he does for James Morgan, 386 and 388 East Water street, Milwaukee, thus buying immense quantities at the lowest rates. Hence James Morgan's low prices for silks, dress goods, black goods, linens, ladies underwear, corsets, hosiery, hats, etc. 671w1

NEUBERGER has just received a large and elegant assortment of gentlemen's straw hats, all of the latest styles, and nobby.

DANCING .- Prof. H. N. Vaughn will spend the summer in Marquette and give instructions in dancing. All the latest dances taught, with the newest music. General class, open to all, will be organized in Coles' hall on Monday evening, the 23d inst. Attend the first lesson. 670w2

ALTHOUGH the city is often visited by outside merchant tailors, Neuberger reports business in that line even better than ever. Nobby suits made to order on short notice, and an elegant stock of cloths to select from.

FINE neckwear and hosiery are among the many attractions at Neuberger's.

SPRING and summer suits in endless variety at Neuberger's the clothier.

NEUBERGER's store is jammed full of new goods. Drop in when you're down 670tf street.

An elegant line of valises and hand bags just received at Neuberger's. 670tf

WANTED .- A situation as mine Clerk or book-keeper for a mercantile house, Have had five years experience as clerk for mining corporations, and have acted as bookkeeper for business houses for upwards of six years. Have held a very responsible position for the past four years. Unexceptional references furnished. Address,

SAVE your Specimens! Wettstein,

of the Negaunee Museum, pays best cash

prices for minerals of all kinds and gives

watches, clocks, jewelry, silverware and speci-

mens in exchange for iron specimens, and

when they are brought or sent to him, makes

an extra allowance to more than pay for the

FOR SALE .-- A house and lot lo-

Now is the time to have your fur-

niture repaired and uphoistered and made as

ting Machine; one Show Case; one lot Rubber

Hose and fittings; one iron Safe; two platform

Scales; one Engine, Shafting, Pulleys, &c.; one

FOR SALE AT A BARGAIN .-

My house and two lots on Bluff street, between

5th and 6th streets. One hundred feet front

and house in good repair. Price \$800-casb.

SPECIAL NOTICE .- Those wishing

INSURE in the Detroit Mutual

ROCKFORD WATCHES in gold and

THE Syphon Lamp gives the largest flame and brightest light. See them burn-

USE EMPIRE SOAP. 632tf

AGENTS AND CANVASSERS make

from 25 to 50 dollars per week selling goods for

E. G. Rideout & Co., 10 Barclay street, New E. G. Rideout & Co., 10 June and terms. York. Send for their catalogue and terms. 640y

Benefit Association. R. J. COOKE, Agt.,

anything in the line of awnings or camp furniture will save money by ordering from Hager & Johnsson, as they are the sole agents for

cated on north side of Washington street, be-

tween Fifth and Sixth streets, for sale on

reasonable terms. Apply to

marble Mantle and Grate.

Apply on premises to

Murray & Baker, Chicago.

silver cases, at CONKLIN'S.

ing every evening at CONKLIN'S.

WILLIAM COX.

WM. WARD.

JOHN CHRISTIE.

F. B. SPEAR.

ALLEN COWDEN.

665tf

643tf

643tf

Marquette.

HAGER & JOHNASON.

CITY AND COUNTY.

THE Baptist church is receiving a

HON. S. P. ELY, and sons, Phil. and Arthur, arrived in the city late last

GET your reserve seat tickets for the Big 30 entertainment May 30. If you want to get a good seat you should get your ticket soon.

THE idea of repairing the sidewalks near the site of the old Tibbett's house is not original, but it is neverthless a good one, and should be acted upon.

THE state band tournament will take place at Lansing on the 8th and 9th prox. Wonder if the Marquette hornblowers will be there in their fullness.

REV. W. E. Bigelow, of Ishpeming, officiated at the M. E. church last Sunday. Rev. Jno. Russell will occupy the pulpit at both services to-morrow.

MRS. SARAH THEXTON, long and favorably known to our citizens, will, on the first of June, open a boarding house for a limited number of boarders only, on south side of Washington street, six doors west of front. See her advertisement elsewhere.

THE Heywood Serenaders will appear at Marquette Monday, May 30. The Bacine (III.) Argus says : "The per-Racine (III.) Argus says: "The per-formance was immense, and the strik-ing feature is the whole programme in which thirty performers are employed. Everything is first class. Reserved is each was a second at the programme in the bell forning the bell formers the bell room window in the wee, small hours of the night, and in the generosity of his affection would plant them plumb full of half-rotten potatoes, even if he had to do it with a howitzer. seats can be secured at the post-office.'

THE pulpit of the Baptist church will be occupied to-morrow, both morn-ing and evening, by the Rev. Mr. Tup-per, of Chicago. The reverend gentle-man is spoken of as an eloquent and able preacher, and we trust the society will succeed in their efforts to secure him as their settled pastor.

WE have received a copy of a song entitled, "Wait for the Wagon," by S. Edward Rogers, and dedicated by its author to the Austin, Tomlinson & Webster wagon manufacturing com-pany, of Jackson, of which Maj. John Beedon, of this city, is the upper penin-sula agent. One verse of the song has been appended to his advertisement in another column.

THE celebrated cannon ball act is being performed almost every evening on the common back of Reau's harness shop. A large crowd of working men get together for the purpose of seeing who can throw the cannon ball the

CINDERS. Low necked shoes will be worn this sea

The Mining Journal.

By A. P. SWINEFORD.

Devoted to the Iron and Industrial Interests of the Country.

MARQUETTE, (L. S.,) MICHIGAN, MAY 28, 1881.

The lilac and pic-nic are ripening, an both will soon be in condition to pluck.

the To remove freckles, apply a mustard plaster to the affected part or parts; or skin yourself alive. Sure cure, or money refunded.

The emigrants, now so numerous on western bound boats, are said to be very kind to their children, scarcely ever troubling them with washing.

Deem not t at you are blest alone Whose face a freckled aspect wears ; There's many another girl in town, Whose face resembles more - the bears.

Keep your shirt on; that is to say, keep your winter undershirt on. The weather is altogether too changeable up here to make it safe to "peel off" on a hot day.

Mover judge of a man's character by the umbrella becarries-it may be a borrowed one. Cinders was once mistaken for a dry

To the scientific mind a fly walking along the ceiling is an instructive sight, but even Jim Greenen's profanity might be induced to explode should the same insect light on his "erysipelased" cheek when he's trying to take a morning nap.

much funny work on the pedestrians. Some of 'em will get paralyzed and all broke into mince meat one of these days.

Here's a hint. Cows are fond of halfrotten potatoes, and half-rotten potatoes make rotten cows. Cinders loves the gentle bovine

Cinders is credibly informed that many a devout family man in this city gathered his wife and little ones around him last Tuesday in family devotions.

sees the increased numerousness of his laundry bill. "Tis sad, indeed, but there's no remedy this side the grave, unless it be in the fiannel garment of the deck hand, and even that has its disadvantages- when you wish to go "mash-

Who off his onion did get. He went to Negaunee

This very "fresh" youth from Marquette.

A. A. RIPKA, Esq., has returned to the city for the summer.

MR. AND MRS. HOUK, of the North-western hotel, arrived in the city per City of Cleveland last Saturday.

JAMES M. LEWIS and lady, of Bay City, are in the city on a visit to their parents, Mr. and Mrs. J. C. Lewis.

JOHN RONEY, one of Detroit's foremost tea and spice men, is doing this country in the interest of his house.

furnished his-billiard room, and it has a most cheerful "expression." So has Dominick.

A DRESS-MAKING establishment has two mentioned members of the firm. been erected in the rooms over Staf- These gentlemen have upwards of ford's drug store, recently vacated by Messrs. Ransom, Burtis & Marsh.

Is Marquette growing? Close observers say our city has at least one thousand more bona-fide inhabitants than ever before-even in the palmy

MONDAY is Decoration Day, but we have heard of no steps being taken for its observation here. The "Chasers" should surely give a dress parade, if nothing more.

THE extremes met in this city on Wednesday. The thermometer went

out in the lake.

framed." "Yes, yes," said Pack., "that'll do for you for one day. I'm putting up a V that I'm better posted in the bible than you." "I wonder if you are," said M. R. M. "Yes, you can bet your sox I am," responded Pack. "Well, now," returned M. R. M., "I'll bet you the five dollars that you can't repeat the apos-tles creed." "That's ago. old man; put up the duckets," again responded the confident and theological Pack. "Give me the stakes," suid Billy Volk. "Not if the court knows it." said Pack, "we want a responsible man; here of this country come to know of the superior quality of the brick made, they will use no other. Mr. Mack already has large orders waiting to be filled.

> THERE is nothing in the line of fine crockery and glassware manufactured but that can be purchased at the establishment of Messrs. E. O. Stafford & Bro. in this city. Since the opening of navigation new goods have been pour-ing into their store by the dray load, until it would seem that they have goods enough to supply Lake Superior till moons shall wax and wane no more. Among the goods more particularly noticed was their stock of Baccarat's fine French glassware, Haviland's China ware, Copeland's wedgewood, willow-ware, Majolica ware, decorated lamp goods, and the fine display of French and German pottery and glass bar goods. Their store is a perfect gallery of the fine arts in plate. The opening or reception takes place to-day.

THE saw mill of Messrs. Ransom, Burtis & Marsh, in this city, was started up on Monday, and is now grinding out 40,000 feet of lumber every 11 hours-the day's running. During the winter the mill has been thoroughly overhauled and repaired and supplied with necessary facilities for bet-ter working. The foundation of the DOMINICK MAYERUS has refitted and mill is entirely new, and a new log roller and carriage are among the additions to the machinery. The mill gives employment to some 20 men, and is under the supervision of the first 7 000,000 feet of logs to saw this season. Their yard, in close proximity to the mill, is stocked with lumber, plank and timber of all kinds. The card of the firm is in another column.

THE dry weather of the past three or four weeks was brought to a close on Thursday afternoon by a heavy shower of rain, which continued throughout that night and part of the following day. For the past week, and up to the time of the rain, the air had been filled with smoke from the forest fires which and attempt to do the subject justice. were raging throughout the entire this page of the MINING JOURNAL county, and which had threatened would afford space for little else. We destruction to many a hamlet. The cannot, therefore, do more than speak precise extent of damage done by these generally of the work being done, and up to 88-perhaps 90-while acres of fires cannot be ascertained, although it of other and much-needed improvefloating ice could be seen some distance is quite probable that they have caused ments which will be inaugurated. sustained.

the destruction of many acres of valua- Ridge street, one of the most beautiful THE Marquette Chasseurs will meet ble timber. Several land owners in residence thoroughfares in the northin their armory (Mather's hall) next this city, with whom we have con- west, is the one, above all others, on versed, fear that great damage has been which the people of Marquette turn done to the standing pine. On Wed-nesday night the inhabitants of Eagle something great being accomplished in Mill were somewhat anxious for their the way of ornamentation. The prophomes, but happily the wind shifted and the fire, which was raging in the brush swamp near by, sent its heat and cinders in the opposite direction. The afford to beautify their homes who can? Humboldt company lost some 1,200 cords of wood piled in the woods. About a mile north of the Republic mine a lumber camp was entirely de-stroyed. Next week, should the fire have proved as disastrous throughout the county as is supercised, we will give the county as is suspected, we will give little damaging effect on the lawns, our readers a statement of the losses and the unusual care which seems to

THREE DOLLARS PER YEAR.

NEW SERIES, VOL. XII, No. 671.

ous lamentation on account of his im-pecuniousness, and promising to pay ceived something like \$50 at Eagle Mills the day before, the judge didn't take much stock in his long drawn tale, so he ordered the marshal to take him to jail and search him. In going through his pockets, the marshal tound \$2.17, but not being satisfied, he pulled off the man's boots, and in them found \$82 more. Seeing that there was no help for him, King paid his bill and costs of prosecution. He also stated to the marshal that he had \$1,200 cash in the bank. The love of money is the root and the offspring of deviltry and dishonesty.

PROTECTION. - The entire police

force of this city at present consists of but one man-marshal French. In other cities in this county, where the population is of a more permanent character, it is deemed necessary to provide at least one patrolman for the day and one for the night, but in this city, with its large floating population, no small proportion of which are the offscouring and scums of southern city slums, who come here by boat, stay a day or two and then go away, an "economical board of city grand-dads thinks one man a sufficient protection. The duties of marshal French are arduous ; he is on the street from early morning until late at night, and he can not, and does not, take into custody one half the offenders. In addition to the duties of city marshal he has to look after the street commissionership, and at this season of sidewalk building and street improvement and cleaning the duties of this office alone are more than should be imposed on one man. It is true that our city has been quite free from burglary, larceny, and other crimes, but with the daily arrival of so many hard cases it is the best and only safe plan to be prepared for the worst. With an annual license revenue of at least \$6,000, it would seem that the common council could afford to provide at least one patrolman whose duty it should be to look after the city at night. It is a false economy that does otherwise.

CITY IMPROVEMENTS .- Were we to note all the improvements going on in and about the city at the present time, this page of the MINING JOURNAL

goods clerk, because of having a borrowed silk one in his possession.

Boys who manipulate the business end of a street hose should guide the stream more in the direction of the street and not do so

wire and infie ones around min has reasing morning, and after reading a chapter in the Chicago Times, requested all to kneel while he offered thanksgiving and praise to the giver of all good for life, liberty and health. There are probably no other instances on record where the Chicago Times has taken a prominent part in family devided.

TO One by one the standing collars droop and fall, and the bolied shirt loses its grip by the time the evening shades gather, thus mak-ing the young man of moderate salary to turn sick at heart as he contemplates the ruin and days of '72.

And got quite spoon—ee— On a lasty member of a traveling theatrical

He gave a late supper Of champagne and water For this charming one, and fair ;

his racket

said Billy Volk. "Not if the court knows it," said Pack, "we want a responsible man; here you, Jim Greenen; you're posted in the scrip-tares, hold this over your lame check till I win this money, and then give it to me; come, M. R., put up." The money was put into Green-en's hands and Packard was told to proceed to business. "All right; here goes: 'Dearly be-loved brethren, the scripture moveth us in sundry places to acknowledge and confess our manifold sins and wickedness; and that we should not d'ssemble nor cloak them before the_"" "That'll do; give him his money.

should not dissemble nor cloak them before the—'" "That'll do; give him his money, Jim," said M. R. M.; "but really, I had no idea he was so well posted; he's a regular theological seminary on the half shell." "You schust bet your bottom tollar on dat," said Sam Kaufman, "if he don't was be a synagog, then there was no such person in this town." Packard pocketed the money, remarked that he would have a "Hades of a time at the grave" and was gone. By this time the mail had been distributed in its usual lightning like manner, and the crowd, after inspecting their boxes, left for the day. We shall meet them ayain.

work can be lerk. part of the or the whole ce. The same lgwick, chaird "Proposals er, as the case names of two ome sureties the contract proposals will

GWICK. CKANDS. Committee.

gular meeting

me, and the

all proposals

IOTT,

ETROIT.

List.

0c. a yard

. and 75c. 69c. 75, and \$2. e appreciated. \$1.25, and \$1 50. 50c. oches wide, \$1. Prices. LES nt by express

H. ELLIOTT. 1. 1881.) reuit Court for hancer. Eben et Hurley, wid-Tim thy flurw and mina ts. Notice is of a decree entered in the ity-sixth decre

D. Saea, sher-pointed in said said court to otic auch n zv. the fif h o'clock in he of the court tase, in he of Michigan the ci e tit all those cet k own and east nuf of st quater of

s venteen (17). quarter of sec-o ty-eight (48),

LARGE stock of Sheet Music and Gjerlovsen, Kristian Music Books at CONKLIN'S. 643tf Gross, Aug.

Eagle River, Mich. furthest. The noble form of Jack Lawler, "the Irish giant of the Mar-AUCTION SALE OF LOTS .- A numquette range," is no longer present, and the ball don't fly through the air with ber of desirable village lots at Clarksburgh, such apparent ease. will be disposed of by public auction, May

Snow Flake Potatoes at J. W. 569w2 FOR SALE .- One 20-horse power Root boiler in good condition, at our Negaunee (669tf) MEESKE & HOCH.

655tf 100 Bbls Choice Min. Wheat Flour will be sold next week regardless of cost 668tf.

FOR SALE .- One top and one open Buggy; 100 ft. 12-inch sheet-iron Pipe; 1 hay-cut-

> MR. HENRY JACKSON, for nine years past an employe of the M., H. & O. R. R. company, as fireman and locomotive engineer, has severed his connnection with that road, and will, we understand, soon leave the city for the far south-west. Mr. Jackson was regarded as one of the best engineers on the road, and not only that-but one of the kindest and best of men, one of his as-

"6 SIZE," the smallest American Watch made, elegantly cased in gold, at 643tf

You can get a first-class Piano or Organ and save money by buying from CONK-643tf

And he had to "stag" it-He's considered by the boys very "rare."

They tell a good story down on the Menominee range on a certain Cleveland gentle-man-a genuine good fellow, by the way-and it ought to be known by this time that Cinders never allows a good story to spoil for triendship THE fish business carried on in this city is no small affair. Immense quan-tities of whitefish and trout are ship-ped daily to southern cities. On Wed-nesday last, alone, the shipments of fish by express amounted to 4,310 pounds, over 1,000 pounds of which were for St. Louis, Mo., the most south-ern point to which any of them were destined. HEYWOOD'S NEW YORK MASTODON MINSTRELS.—This great'troupe of thir-ty performers will appear in Marquette Monday, May 30. They travel in a spe-cial car of their own. Our exchanges speak of them in the most flattering

speak of them in the most flattering terms, and pronounce their entertain-ment first class in its line. There are in the street are the story of a young gentleman and lady who were slightly ac-quainted and who recently met on the streets of a certain city (not Marquette) and com-menced bantering each other about marriage.

terms, and pronounce their entertain-ment first class in its line. There are no long interludes, but a constant chain of interesting, delightful and side-splitting performances. Let all attend. DR. J. N. CADIEUX, a somewhat cel-ebrated temperance orator, will visit this city soon-probably next week-and give one or two temperance lec-tures. The doctor speaks both the French and English language, and it is quite likely that he will deliver a lecture in each language before leaving the city. His lecture in the French language will be given under the au-spices of the St. Jean de Baptiste soci-ty. The lecture is opposed to alcohol on scientific and medical principles, and demonstrates his knowledge by ex-periments. MR. HENRY JACKSON, for nine years manual and emonstrates his knowledge by ex-per as an employe of the M H & O R the world to prevent the decree being granted.

either.

137 The lobby of the postoffice is by ail means the best place to get your stomach fuli of conversation, on all subjects. It is here that the ideas of our solid Muldoons and other Muldoons not so solid, explode. The rich and poor gather and inger here alike; both come on the same errand and one has equal rights with the other, because the great republican party runs the concern and the republican party ain't the fellow to go back on any citi-zen on account of his hat, previous condition. kindest and best of men, one of mis as-sociates remarking of him, that "he had a heart bigger than an ox." We wish him nothing but prosperity where-ever he may go.

Tuesday evening, for the purpose of reorganizing for the summer's work. A full attendance of members is desired.

THE past week has been an active one in the shipment of ore. The harbor has been crowded with vessels, and loading has been the order of the dock most of the time, day and night. Verily, the day has dawned.

PROF. VAUGHN organized a very large juvenile dancing class at his (Coles') hall last Saturday afternoon. The general class was organized on Monday evening. The second lesson for the little ones will be given this afternoon.

A MAN who has been there himself has informed the city marshal that he has recognized eighteen of his state prison companions hanging about this city. And yet the council seems to think one policeman all that is necessary to guard the city day and night.

JOHN E. THOMAS, a drunk and disorderly shoemaker, was brought before his honor, justice O'Keeffe, on Thursday and sentenced to twenty days in jail. Should John continue in his old ways after being released, the judge has determined to send him to Ionia for a year.

THE barge Samuel F. Hodge, of Ward's Detroit line, made its first entry to this port on Monday, laden with freight for merchants here and up the road. The boat has a carrying capacity of 750 tons. The MINING JOURNAL wishes her and the line of which she forms a part the largest success.

DEATH OF A FORMER RESIDENT.-Mr. August Lieb, a former resident of this city, and once its leading jeweler, died at his home in Dubuque, Iowa, on the 30th ult., of heart disease, aged 40 years. Mr. Lieb moved to Dubuque some five years since, and during that time has been engaged in the jewelry

Quinlan, who was drowned some three will be made to look twenty-five weeks since, while running logs on the Powell drive, on Chocolay river, was Mr. Louis Reidinger is turning the found last Sunday afternoon floating old Lewis house into a neat and comin shallow water about 300 feet below modious residence, the front and sides the place where he fell in. His body of which are to be veneered with was taken into custody by the authori- brownstone. When completed, this one ties, and on the following day coroner | residence alone will add a charm to the thes, and on the following day coroner White, of Chocolay, held an inquest, the jury finding a verdict of accidental drowning. Immediately after the drowning Mr. Edmund Powell wrote the parents of the drowned man, in-forming them of their loss, and a few days later he received a letter from his aged father who lives in Trayerston aged father, who lives in Traverston, which one would scarcely believe pos-Ontario, from which it appears that sible. Col. James Pickands has com-

his parents good-bye, or letting them the work will be pushed forward to know he was going away, and that at completion as rapidly as possible. his home he was well known and uni- Other lawns and houses on this street versally esteemed as an upright and are deserving of special notice, but we thoroughly reliable young man. His will have to put them off on account of

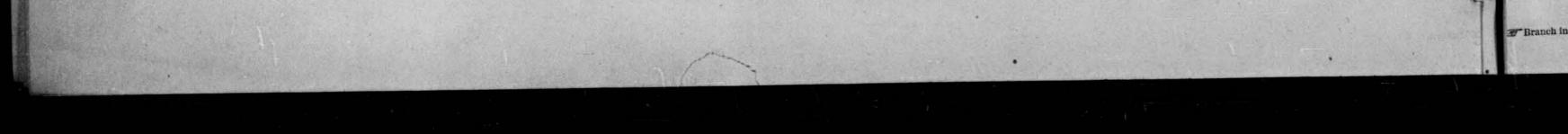
The letter shows that the news of his | ized the laying of a sewer on this death was a great bereavement to his street from Blecker to Cedar, and aged parents, and also express grati-tude to the Messrs. Powell Bros, for their kindness. Quinlan bore, the reputation here of being an honest and thoroughly reliable young man of good on, although it is safe to say that it habits, and at the camp he was a great will be the Nicholson, or an improved

be taken with this one feature of home beauty makes it safe to predict that in FOUND .- The body of the man, Pat. this one matter alone the street the deceased was an only son; that he menced work on his new residence, left a pleasant home on the 14th day which will be erected on the lot immeof April, 1880, without even bidding diately west of his present home, and father states that his great fault was space. The special meeting of the his love for roaming and adventure. council on Wednesday evening authorhabits, and at the camp he was a great favorite with his employers and com-panions alike. His remains, in charge of a former camp companion, were taken to his Canadian home on Tues-day. <text><text><text><text><text><text><text><text>

business. A SPECIAL meeting of the common ouncil was held last Monday evening, but owing to the large amount of other business the city recorder has been un-







Whol

ISHP



THE MARQUETTE MINING JOURNAL

Iron Ore, Pig Iron Mines, &c. **REED & BREESE** -Dealers in-Investment Securities and LAKE SUPERIOR Iron Mine

STOCKS, 100 Dearbon St., cor. Washington, CHICAGO, OFFER FOR SALE: 150 Shares Lake Superior Iron Co., 100 Shares Republic Iron Co., Sterling 300 Boston Mine, 300 Conrad Iron Mining Co. 400

Humboldt 250 300Dalliba Winthrop $\begin{array}{c} 500\\ 500 \end{array}$ Northwestern Iron Co., Milwaukee Iron Co. 200 WANTED :

Champion Iron Co. Stock. Buyers or sellers of iron mine stocks will find it to their advantage to communicate with us. We have published a plat of all the Marquette and Menominee mines, which may be had free upon application.

SHELDON & MOULD, Pig Iron IRON ORE, 30 Water St., CLEVELAND, OHIO, Desire to represent first-class Ore Mines and Blast Furnaces. Correspondence solicited. 671y The WICK & BONNELL Co., Manufacturers of IRON, NAILS & STEEL, Dealers in Heavy Hardware, RAILROAD AND BOILER-MAKERS' SUPPLIES. -Western Agents for-LOW MOOR IRON.

196 & 198 Lake St.,

ANNUAL REVIEW OF THE

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

THE QUINNESSEC MINE

Is located on the south-east quarter of Section 34, Town 40, range 30. The first explorations on the property were made in 1873, by ings at present consist of eight shafts, numbered respectively from in No. 4 engine house. No. 5 engine house has just been completed, John L. Buell, Esq., who put down several test pits and sunk a shaft which proved the existence of ore on the property in paying ation pit already referred to, is in mixed ore, and not now working. drums, one 10x20 Corliss engine to drive an 18-light Brush electric quantities. During the following winter the good quality of the ore was demonstrated by a practical test in the Menominee furnace, to which a sufficient quantity for that purpose was transported in sleighs. Like the other properties in this district, the development of the Quinnesec was delayed for want of transportation to the lake-side, which was not secured until several years after the value of the property had been practically demonstrated. In the meantime the .denominee Mining Co. secured a lease, and began stripping the vein preparatory to the opening of the mine. The railroad was completed to the mine in the winter of 1877-8, and the first shipment made early in the spring of the latter year. Since then the product has been as follows:

		Tons.
1878		25,925
1879		41,954
1880		52,436
and the second se	e persene a	

Work was commenced at the Quinnesec by carrying an open cut into the east side of the hill, which gave a stope of about 40 feet, the whole width of the vein, the outcrop being at least 200 teet above water level. The bottom of this open cut constitutes what into the mine. No. 5, 250 feet west of No. 4, is down to the 3rd is now called the first or upper level of the mine, the ore from which was taken out on a double track incline tram-road, 700 feet level. Just west of the last mentioned shaft there is an old shaft in length, to the docks, from whence it is dumped directly into the which will be utilized for lowering timber, reaching as it does one stock-pile or into the railway cars underneath a trestle work some of the chambers on the second level which obviates the necessity fifty feet in height. This tram-road, which is still in operation, is of further sinking, the shaft going down with the chambers. so arranged that the loaded cars going down draw the empty ones up. In the beginning a large amount of stripping was done which might better have been omitted, considering that it was subsequently found necessary to adopt the underground system of min-

The formation is a peculiar one. The ore dips about 70 degrees to the north, the overlying rock being a sandstone, immediately under which there is a thin stratum of ore of no market value. The deposit is of variable width, the average being probably 20 feet. The walls, particularly the hanging, are of such a character as to require a large amount of timbering, but so far they have been most skillfully and amply secured, the record of the mine showing little, if any, loss of life or limb to employes since the

beginning. On the upper level the first workings were in an open pit nearly 100 feet long, 35 feet wide, and 40 feet deep.' At the west end of this open pit the vein or deposit was cut by a crossing of lean ore and rock, which led many into the belief that the deposit was not nearly so extensive as at first supposed. Having worked the ore out in chambers 20 feet wide, leaving alternate pillars of ore 18 out to a depth of some 40 feet, the underground system was inaugurated, and to-day the mine is being worked on six levels below the bottom of the original open pit. There are four shafts. numbered respectively 1, 2, 3 and 4. Number one shaft starts close at the heels of the miners. The writer deems it unnecessary

The mine workings, all of which are underground, lie in the north that at the Norway, in order to obtain more room in which to stock face of a hill which gradually slopes away to the north and west the winter product. from an elevation at least two hundred feet above the railway level. The original discovery was made immediately on the line No. 2 is 125 feet west of No. 1, and is down 140 feet in ore, at the ore, to determine which a drift is being driven to the mine equipment. north. The dip is to the north, and the presence of ore in No. 1 shaft, 125 feet east, encourages the belief that the point vet reached in the underground workings. The deposit lies

gether on the underground plan. The depth of the several shafts varies correspondingly with the difference in the surface elevation, the vein being struck at a depth proportionately less in going down the slope of the hill in which the mine workings are located. The walls are nearly perpendicular, what little dip there is being to the north. Taking the shafts in succession, we find that No. 3 the 3rd. This shaft will be used exclusively for lowering timbers level; No. 6, 288 feet further west, is likewise down to the 3rd West of No. 6, 325 feet, we reach No. 7 skip shaft, which is down to the 2nd level, and sinking to the 3rd ; fifty feet further west is No. 7 timber shaft, but which is now being used for hoisting purposes, and will continue to be so used until the new shaft is supplied with a double skip-road. No. 8 is 237 feet west of No. 7 timber shaft, and is down to a depth corresponding with the 2nd

under 60 feet of sand drift, and the mine is being worked alto-

level in the east end of the mine. Descending the ladders in No. 6 shaft the writer, under the guidance of Capt. Rundle, spent the best part of an afternoon in an examination of the underground workings. Going first to the west he explored a wide drift which extends 60 feet west of No. 8 and which was still being continued in good ore at a point immediately under the stock dock. A close examination showed

nothing but clean ore throughout the whole length of this drift. and the miners asserted that, though working along the foot-wall they had not encountered half a ton of rock in the last 300 feet. This drift is intended to cover the whole length of the vein, and is wide enough for a double tram-way; from it the ore is mined feet thick the whole width of the vein or deposit. The Nevada system of timbering is used, the ore being mined out from the bottom of each lift in benches 8 feet high, the timbermen keeping from the bottom of the old pit, and is down 300 feet-6 feet to take the reader with him through all the underground drifts No. 1-and is down 335 feet-45 feet below the 6th level; No. as will show their exact extent. From the fault east of No. 2 to commenced by uncovering the deposit at its highest elevation, No. 5. From No. 5 west there is a stretch of ground 1,000 feet in length, which is shown by the chambers and cross-cuts to carry a width varying all the way from 55 to 70 feet-the last named figures appearing by actual measurement in a cross-cut on the 2nd level at No. 7. In all the work thus far done west of No. 7 ten tons will cover all the rock taken out, the deposit in its entire extent being the most uniformly clean of any the writer has ever examined. Some idea of the character of the vein, in that regard, may be gathered from the fact that with a product of over 2,500 tons mined during the week ending May 21, only five tons of rock was raised, and that did not occur in the vein, but fell away from one of the walls. Though very little other than preparatory work was done during the winter, there was raised from the close of navigation to May 21 a little over 45,000 gross tons, 27,000 tons of which remains in stock at this writing. When the drifts are completed on the 3rd level, making no allowance for a further extension of the workings to the westward than has already been reached, active mining can be prosecuted in no less 3rd level, while large bodies of ore yet remain to be broken on the levels above. It is estimated that from these 38 chambers an average of 6,000 tons each can be mined, and the writer thinks the estimate a low one. This would give a product of 228,000 tons from this one level, notwithstanding very nearly one-half the vein is left standing in the shape of pillars. When the fact is taken into consideration that while the ore is being mined out above one level another is being prepared by dropping the shafts and driving the necessary working drift along the foot-wall, and that there is a strong probability that the vein extends far beyond the most westerly point yet reached in the underground workings, the writer feels assured that he will not be thought guilty of exaggerproduct than has ever yet been achieved in a single year by any mine in either district. Its walls are regular and well-defined and it is doubtful if a larger continuous body of pure ore has ever been opened anywhere. It is certainly the largest and most promising mine on the Menominee range, and had the present system of timbering been adopted in the beginning a product of 200,000 tons the present year might easily have been achieved. All the ore mined last year was taken from the first level in the east part of the vein, from which not more than one-third of the ore has been, or could be, mined on the old plan-which consisted simply supporting the other two-thirds with heavy stulls. In coming up from the 2nd level some difficulty may be experienced in catching and is not apprehensive of the least danger. So far no ore has been raised from the 3rd level except that mined in sinking and drifting, but two or three chambers have been mined out on the 2nd, while at least two-thirds of the ore remains above the 1st. The 3rd will be opened up over the entire length of 1,452 feet by the middle of July, by which time, it is no exaggeration to say, there will be at least half a million tons of clean ore in sight, not including that which must necessarily be left between the chambers The management estimates the product the present year at 100,000 tons, but it will have to hold Capt. Rundle in severe check if he does not better those figures by at least 25,000 tons. He is now raising an average daily product of over 400 tons, which amount level. The writer does not know if to Capt. Rundle belongs the credit of having devised the plan upon which the mine is at present being wrought-but that will be a matter of small consequence if he shall successfully carry out the details. The system of timexcellent one; by that means the timbermen are kept out of the will be opened on this tract before the end of the season. way of the miners, and the work of hoisting is never hindered or paratively an easy task to set them up as soon as lowered into the

The machinery at the Chapin consists of a 16x42 Corliss engine, four 4-foot Frazer & Chalmers and two of Merritt's 4-foot interior between sections 30 and 31, at a point about 400 feet west of the friction drums, in No. 1 engine house, situated near No. 5 shaft, east line of the company's tract. At this point an exploration pit the steam for the engine being supplied by three 41x16 boilers; a was commenced on the foot-wall, the top of which is on section small hoisting plant with 8x12 engine and three 2-foot drums for 31, and was carried down through 50 feet of surface and 32 feet of sinking shafts, in No. 3 engine house; a 9x14 Frazer & Chalmers ore, the vein being apparently only about 4 feet in width. From engine, six 30-inch Frazer & Chalmers drums, for sinking shafts here the explorations and workings have been extended down the and winzes, with 4x14 boiler, in No. 2 engine house; and a 10x16 north-west slope of the hill, to the length of 1,452 feet. The work- Frazer & Chalmers engine, which operates an 8-inch plunger pump, 1 to 8, from east to west. No. 1 is an enlargement of the explor- and will contain an 18x42 Corliss engine to operate four 5-foot Lane machine, and one 16x24 Merritt engine to operate a 10-inch which point it strikes a fault in the formation, above which a Cornish plunger pump-the steam for all three engines being furlarge amount of ore on either side remains to be broken. The nished by two 41x16 boilers. Very complete machine, blacksmith fault in the formation at this point cuts off or displaces and carpenter shops, all under one roof, constitute a part of the

The location is one of the prettiest on the range, and is regularly laid out into streets, the houses, of which there are about 100. fault simply throws the vein over to the north, and that being placed at such distance from each other as to preclude the the ore will be found continuous from No. 1 to the most westerly possibility of anything like a serious conflagration in case of fire. The mine affords employment to an average of about 425 men.

> This concludes the list of the Menominee Co.'s developed mines on the Michigan side of the river, but there still remains to be described

THE FLORENCE MINE.

Which is in Wisconsin, some eighteen miles north-west of the village of Quinnesec, and four miles south of the confluence of the Michigamme and Brule rivers. The Florence is located on the is 100 feet west of No. 2, and down 235 feet to the 3rd level; No. 4 north half of the south-east quarter, and the north-east quarter of is 90 feet further along, is down to the 2nd level, and sinking to section 20, town 40, N., range 18, E.,-the present workings being on the first named description. It is the property of the Menominee Mining Co., which owns three-fourths of the fee, and holds the remaining one-fourth under a lease from H. D. Fisher, who receives a royalty of ten cents a ton on all the ore mined. The company owns, in the same relative connection with Mr. Fisher, other valuable adjoining lands, including the south half of the south-east quarter of section 21, on which, within the past year, has sprung up the very pretty and flourishing little village of Florence.

Ore was originally discovered on the tract, and near the place where the mine is now located, by Mr. Fisher, in October, 1874. Sufficient work was done under his direction to prove almost conclusively the existence of a workable, and, perhaps, extensive deposit in the near vicinity, though subsequent developments showed that his original explorations were too far south to reveal. the real extent or character of the ore formation. Such was the opinion of Mr. Wright when he visited and examined the property in the fall of 1877, and the work subsequently done proved his opinion to be well taken; a shaft afterwards put down by Mr. Fisher, some distance north of his first exploration pit, struck the ore at a point subsequently found to be about midway between the foot and hanging walls. The work of stripping the deposit was actively commenced in the winter of 1879-80, but the railway was not completed to the mine till some time in October of the latter year, in the second week of which month the first shipments were made-the output during the remainder of the year footing up to 14,143 tons.

The trend of the ore belt at the Florence is from south-east to north-west, and the dip slightly to the north. The workings are in the north side of a hill, the highest point at which the ore was uncovered being at an elevation of at least 100 feet above drainage, the face of the ore bed apparently conforming to the topograbelow the 6th level. No. 3 is the most easterly-150 feet from and chambers-it will be sufficient to give such facts and figures phy of the ground, the pitch being to the north-west. Work was

MAY

MAY, 1881.

tion of the wo

[In c Mining lowing others the wr written greate

I hay Norwa You a early e in its i Whi tional The la his ad summ N. P. ed the first b covere Co. w take c superi ing op and ce The that ti selves compa Menor both I duties busin who k Mr. one of been i It Porte for se weste and it reluci

> last] to the wome ly ov wate oscill main the s those

> > pron

nigh

So

grow

agen the d

Jour

the l

prop see l "tak

cauc look shal peop

W a fin sedu cent

ed t

thire

of a A g

qui

F

its co

Mr. I

entire

road

RHODES & BRADLEY, RON ORES, 57 Dearbon St., CHICAGO. 609yr R. P. TRAVERS J. A. KRUSE. 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 J. H. Outhwaite & Co. Exclusive attention given to LAKE SUPERIOR AND MENOMINEE RANGE IRON ORES. 130 Water St., CLEVELAND, OHIO. C. W. HUMPHREYS. J. H. RALSTON C. W. Humphreys & Co., BROKERS & DEALERS IN Iron Mines & Mineral Lands. MINES AND OPTIONS BONDED AND SOLD. 154 La Salle St., CHICAGO. 660m6 F. L. TUTTLE, W. U. MASTERS. H. A. TUTTLE, Tuttle, Masters & Co., IRON ORE,

Pig Iron, Old Rails, &c.

2 is 150 feet west of No. 1, and is down 32 feet below the 5th level; No. 3 the chambers and cross-cuts on the 2nd and 3rd levels show No. 4 is 320 feet west of No. 2, and is down 244 feet, or within 5 feet an average width of not less than 30 feet of clean ore ; from No. 3 of the 4th level-the difference in depth being accounted for the vein gradually widens out until it attains a width of 50 feet at by the fact that the ground is higher to the west, the Pig Iron, Rails elevation of No. 4 being 75 feet above that of No. 3. The main workings at present are on the 6th level, between Nos. 1 and 3, on the 4th and 5th levels west of No. 2, and on the 3rd level east of No. 4. An adit, or tunnel, commenced in 1878, was driven through the side of the hill into the east end of the deposit and through it a distance of 750 feet, under which 15 feet of ore and rock has been left as a roof. Above the 6th level there is a stope from 8 to 15 feet wide extending all the way from No. 3 to No. 1, while west of No. 1 a stope has been started and will be driven to the west. No. 2 shaft as far as down below the 5th level is in good ore, while drifts westward from the shaft on the 4th and 5th levels show 100 feet of ore in that direction-thus showing a continuous run of ore 400 feet in length on the lower levels. The trend of the formation is from south-east to north-west with northerly dip, the ore pitching rapidly to the west. On the upper level of the mine the ore was cut off by a crossing of rock at the west end, under which, however, it is carried by the pitch of the vein, the length of the workings being gradually extended on each succeeding than 38 chambers, 20 feet wide and from 30 to 70 feet long, on the level, notwithstanding the ore is cut off by a similar crossing east of No. 3 shaft. On the fourth level, 100 feet west of No. 2, the drift struck a bunch of rock; from this point the miners drifted north towards the hanging through 36 feet of jasper, beyond which they found 23 feet of good clean ore ; they then drifted back diagonally across the formation 140 feet to the shaft, all the way in ore, thus showing that the rock encountered in the west drift is nothing more than a "horse," or possibly a fault, beyond which the same quality of ore will be found. On the 5th level several bunches of rock were struck in the west drift, which fact seems to prove that the great body of the ore lies to the north and nearer the foot-wall. On the 2nd and 3rd levels, east of No. 4 shaft, there is considerable ore remaining to be broken; it is, however, rather "bunchy" ation when he says that he believes the Chapin capable of a larger and its exact width as yet unknown. The last two lifts of No. 3 shaft are in rock-a drift east 100 feet being likewise in rock, while a cross-cut north and south revealed no ore in either direction. That the ore continues to the west of the present workings has been proved conclusively through explorations made with the diamond drill. In a hole about 150 feet west of No. 4 shaft the drill struck ore at a depth of 209 feet, after penetrating 32 feet of which the rods stuck, and the hole was necessarily abandoned. In another hole, 250 feet still further west, ore was cut at a depth of 186 feet, and the boring continued in ore until a depth of 215 feet was reached. when the drill encountered a mixture of ore and sand, in which it of stoping out about one-third of the ore along the foot-wall, and continued 51 feet, at which point the drill was withdrawn. The deposit thus revealed can be reached by drifts from the various levels in the present workings, and, should the latter hold their own, these timbers, but Capt. Rundle is confident of his ability to do it it is fair to presume will add largely to the productive capacity of the mine. Of course, how much further the deposit may be found extending to the westward can only be conjectured ; but enough is certainly known to warrant the belief that so far from showing any signs of exhaustion better things may confidently be expected of the Quinnesec in the future than have been achieved in the past. The product of 1880 will be maintained, and possibly enlarged upon, the present year. The machinery at the Quinnesec consists of one 12x36 Corliss and one 10x16 Frazer & Chalmers engine, the first of which operates four 5-foot Lane drums, and the latter a 7-inch Cornish plunger in No. 2 shaft, and four of Merritt's 21-inch interior gear drums which are used for sinking and opening up new ground, one 12x16 he cannot avoid increasing when he gets fairly to work on the 3rd Bay State engine in the machine shop, and one 8x10 engine which runs the Brush electric machine, the mine being lighted by six electric lamps. The steam is furnished by two 41x16 boilers.

The machine shop is complete in every particular, having a full complement of lathes, drill-presses, and all other tools necessary to do the work connected with the mine. The number of men employed averages about 230, and there are

about 100 buildings on the location, exclusive of those embraced within the limits of the adjacent village. Capt. Elisha Morcom, an experienced miner, is in immediate charge of the mine. THE CHAPIN MINE

Is situate about four miles north of west of Quinnesec mine and Niles, Michigan-the Menominee Mining Co.'s proprietary interest dounds largely to his credit as a skillful miner.

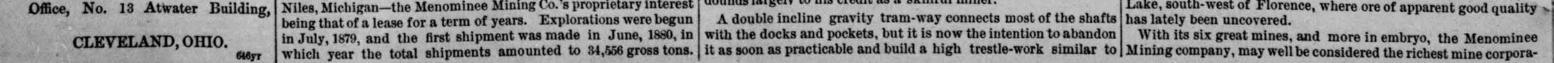
and taking up a stope from the hanging-wall side, the hangingwall at that point being depressed to such an extent as to render the approach to the upper part of the ore bed a comparatively easy task. The ore having been mined out, at this point, down to the level of the cut through which access was had to it, work has since been carried on by sinking in the ore and taking up stopes in opposite directions. At the time of the writer's recent visit to the mine, work was in progress on four such stopes, covering a length of 406 feet on the vein, the average width of which is about 55 feet. Further to the north-west a shaft is down in ore, showing an apparently unbroken continuation of the vein in that direction. The foot-wall is a hard slate and the hanging a graphite, lying next to the quartzite. While the vein in which the workings are located appears to have narrowed down to a little more than half the width it was believed to carry a year ago, it must be said that scarcely enough work has been done to determine its extent. There are peculiarities about the formation calculated to puzzle persons much better posted in such matters than the writer hereof, and which can only be definitely solved by time and further work. North of the open pit, at the east end 55 feet, and beyond what was supposed to be the foot-wall, a shaft was sunk 24 feet in ore at which depth it struck the graphite. A drift from the bottom of this shaft into the open cut south passed all the way through graphite, as did two others 30 feet south-west and northwest, respectively. Other shafts, east and north of the one' last mentioned, show about the same depth of ore overlying the graphite. These shafts and drifts only prove the assertion, already made, that not enough work has yet been done to enable a person to do more than guess at the real extent of the Florence deposits. It is more than probable, however, that further work will reveal the existence of a large and durable ore body north of the graphite hanging, though the present workings constitute what may be considered a mine of much more than average proportions.

About 30,000 tons were mined during the winter, two-thirds of which is first-class ore-the balance, which is stocked separately, not having been very carefully assorted, a fault which was found with the whole of the product shipped last year. These 10,000 tons have, however, or will be, sold as second-class ore, the management preferring that course to the "picking over" process. It should be stated that the stocking of so much second-class ore is not to be credited to the mine, but was due solely to careless mining; the ore mined since the advent of the present mining captain being clean and strictly first class. What rock there is in the mine occurs in such a way that it can easily be separated, and there will be, under the present local management, no further cause for complaint against the Florence product. The ore, it is well known, is too high in phosphorus for Bessemer purposes-in all other respects it ranks among the best in the district.

The machinery at the Florence consists of a 16x24 Frazer & Chalmers engine and four 33-inch drums operating as many derricks, the steam being supplied by a No. 10 Ames boiler. Two Rand and two Ingersoll power drills do all the drilling. The mine gives employment to an average of about 180 men, and there are 19 buildings on the location-the employes generally making their homes in the adjacent village. Alex. Kempt, a most genial gentle. man and thorough business man, has charge of the company's affairs at the Florence, as agent.

In addition to its six valuable mines, from which it will raise the present year nearly, if not quite, half a million tons of first-class ore, the Menominee Mining Company is making explorations in other quarters, and it is altogether probable that before the end of the season one or two more mines may be added to its list. Perhaps the most promising of these explorations are those in progress on what is known as the Walpole tract, just east of the Chapin mine, and on the same section. The explorations are being bering, which is an innovation on the Nevada plan, is the best made with a diamond drill, and thus far have been of a most satthat could possibly be devised-in fact, the only one by which such isfactory character. Two drill holes, 1,000 feet east of No. 1 Chapin an immense body of soft ore can be successfully wrought. The shaft, passed through from 30 to 40 feet of ore apparently of the plan of separate shafts for lowering timber into the mine is also an same quality as the Chapin. It is altogether probable that a mine

The company is also exploring the north half of section 32, but delayed. The timbers are all framed on the surface, and it is com- thus far without favorable result. The tract is, however, in direct line with the ore belt, and it is scarcely possible that further is situate about four miles north of west of Guimesce inne and mine, while the cost is less than the old system of stull supports. Is originate of the mine since the lst of December. the south-west quarter of the south-east quarter of section 30, town last and its present condition reflects nothing but that which re-40, range 30, the fee of which is owned by H. A. Chapin, Esq., of last, and its present condition reflects nothing but that which re-dounds largely to his credit as a skillful miner Lake, south-west of Florence, where ore of apparent good quality



AY, 1881.

hich to stock

rliss engine, foot interior No. 5 shaft, 6 boilers; a ot drums for & Chalmers nking shafts and a 10x16 unger pump, n completed. r 5-foot Lane rush electric e a 10-inch es being furblacksmith a part of the

l is regularly re about 100, preclude the case of fire. 425 men. loped mines mains to be

-west of the luence of the cated on the st quarter of rkings being e Menominee nd holds the sher, who red. The com-Fisher, other he south-east , has sprung rence. ear the place in October, prove almost ps, extensive levelopments uth to reveal. Such was the the property

e proved his down by Mr. loration pit, bout midway stripping the 79-80, but the in October of the first shipr of the year

south-east to workings are the ore was above drainthe topogra-. Work was est elevation, the hanging as to render aratively easy down to the it, work has ng up stopes ecent visit to s, covering a hich is about n ore, shown in that ding a graphite, the workings tle more than must be said ne its extent. ted to puzzle writer hereand further and beyond sunk 24 feet rift from the all the way st and norththe one last overlying the assertion, alne to enable the Florence further work oody north of gs constitute average protwo-thirds of ed separately,

MAY, 1881.

tion on Lake Superior, and probably the largest ore producers in the world.

[In connection with the foregoing review of of the Menominee Mining Co.'s operations, space is most cheerfully given to the following letter from its president, in which he gives just credit to others who were either ignorantly or unintentionally overlooked by the writer owing to the great haste in which his first paper was written. He not only prints Mr. Hagerman's letter with the greatest of pleasure, but thanks him heartily for it :]

[To the Editor.]

I have read with much interest your description of the Vulcan, Norway, and Cyclops mines, in the last number of your paper. You also indulge in a paragraph complimentary to myself, for early efforts in opening the Menominee range, and for believing in its future when few others had much faith.

While you strive to do justice to me in this matter you unintentionally do injustice to some others equally deserving of credit. The late Capt. E. B. Ward believed in the region, and it was with his advice and consent that explorations were begun there in the summer of 1872. These explorations were under the charge of Mr. N. P. Hulst, and were continued until early in 1874. He discovered the Vulcan mine in 1873, and, if I am not mistaken, this was the first body of good ore large enough to make a mine of ever discovered in the Menominee range. When the Menominee Mining Co. was formed in December, 1876, Mr. Hulst was appointed to take charge of its exploring and mining operations, as general superintendent of the company. The large and successful mining operations of the company have been under his constant care, and certainly much of the company's success is due to him.

The Menominee Mining Co. was formed in November, 1876. At that time Mr. A. C. Brown and Mr. A. Conro connected themselves with the company. Mr. Brown was made agent of the company, and has had general charge of its business affairs in Menominee county from that time until the present. How efficient both he and Mr. Hulst have been in the performance of their duties, and how they have kept pace with a large and growing business, (as you say, second to none of its kind in the world.) all who know them understand.

Mr. J. H. Van Dyke, the vice-president of the company, was one of the earliest believers in the Menominee region, and has been identified with every step in the company's progress.

It would be unfair in this connection to forget Mr. H. H. Porter. At the time the Menominee River R. R. was built, and for several years before, he was a director in the Chicago & Northwestern R'y Co. He was a firm believer in the Menominee region, and it was due to his persistent work in the board that it at last reluctantly consented to build the road, provided three-eighths of its cost were paid into the treasury before the contract was let. Mr. Porter paid in one-eighth, and our party one-quarter of the entire cost, taking bonds for the same, and the construction of the road was then commenced. Yours Very Respectfully,

JAS. J. HAGERMAN.

A most heart-rending disaster occurred near London, Ontario, last Tuesday. The excursion steamer Victoria, while returning to the city with a crowd of 800 persons capsized and over 200 men, women and children found a watery grave. The boat was heavily overloaded, the heavy weight causing the lower deck to ship water, and the people being obliged to shift their positions, the oscillation disloged the 60-horse power boiler which sat on the main deck unsecured, and which slid over the side, carrying away the supports to the upper deck, which fell upon the crowd below, those overhead being shunted into the water. Some of the most prominent citizens of London are among the lost. Up to midnight of Wednesday 238 bodies had been recovered from the river. -0-Some people there are who invest in iron properties, and then growl and grumble because inexperienced and incompetent management, instituted by themselves, does not immediately result in the development of a second Republic. The editer of the MINING JOURNAL has in his mind's eye two or three present examples of the kind-instances in which the development of most promising 00 properties is being delayed beyond all reason. He is waiting to see how long it will be before the parties whose money is at stake "take a tumble to themselves."

THE MARQUETTE MINING JOURNAL.

Lake Superior. We learn from good of the advantages it offers as an adver-Republic's.

ore for the season of 1881, up to and including May 25, 1881: ESCANABA-MARQUETTE DISTRICT.

	BarnumBoston	2,757 161
1	Cleveland	10,654
-	Cleveland Hematite	510
10.00	Champion	354
	Republic	276 4,259
-	Jackson, South	1.321
2	McComber	1,348
•	Michigamme Sterling	3,515
	National	1,062
	New York W. Jackson	4,975
	Palmer.	729
)	Saginaw	1,776
/	Salisbury Section 12.	349 1.920
-	Superior	7,961
•	Superior, hematite Wheat	467 741
) ,	Total	46,130
	Chapin.	12.564
	Commonwealth	6,982
U	Curry	1,569 5,721
-	Keel Ridge	1,311
7	Ludington Norway	732
-	Perkins	4,370
2	Quinnesec	5,138 2,031
	Vulcan	11.360
	Cornell	1,241
	Total,	63,868
	Grand Total,	109,998
	MARQUETTE-MARQUETTE DISTRIC	т.
	Cleveland Lake Superior	6.325 2.582
1	Winthrop.	561
1	Republic Champion	11,163 4,548
2	Lowthian.	1,0:4
10.00	Milwaukie	698
	Total	26,901
	L'ANSE.	-
	Michigamme	733
1000	Total	732
	PIG IRON. Carp River Iron Co.'s furnaces	309
)		
	Total pig iron	
7	Ore to local points	
/	Total ore, pig iron and quartz	31,407
	The following is a statement of	f ship-
	ments made from the Meno	minee
_	Mining Company's mines by lake	
	opening of navigation to Wedr	
-	May 25, inclusive :	
-		ss Tons.
2	Chapin	12,564
	Florence Norway	5,721 11,449
	Ouinnesec	5.138

THERE seems to be sharp demand a book of about 150 pages, 128 of which bad grace from a concern that springs into exrecently for Lake Superior Iron Co. have already been printed, so there stock, the company having entirely will be no delay after we have finished cash capital in the treasury. We are than cover our edition of 8,000 copies, authority that their earnings for this tising medium, must hand in their season will probably exceed even the orders at once. A few mining compa-

nies have not given us any orders; if it is their intention to do SHIPMENTS .- The following is a so, they should give the matter statement of lake shipments of iron immediate attention, as we cannot increase our second edition after com- for the range Monday. mencing upon it, and will print no more copies than may be necessary to 2,757 fill orders on hand and which may be received before the first form of the fine team, which same will be attached to his second edition goes to press.

> FUN WITH THE BOYS. ESCANABA .- Extracted from the Port of the

400 21st: 1,062 4,975 208 Louis McLaggan, an employe of the Ludington company was drowned in the Escanaba thirty-five feet of earth in a test pit which he

1,776 the 18th inst. Owing to the precarious condition of Judge Monday. 1,9207,961Goodwin's health, there is little likelihood of a summer term of the circuit court.

A hook and ladder company will be organ-46,130 ized on the 31st George A. Drisko and John M. McDonald idence. The fire company was promptly on 12.564 Port thinks they will make efficient officers. 1,311 for the purpose of arranging plans for the 11,449 proper observance of decoration day-at his office.

The village board is a grave and reverend body; usually a solemn one, in consequence of the weight of responsibility resting upon it and the importance of the duties it has to per-11,360 1,241 63,868 form; but it can smile, and it did, the other day when a petition was presented signed by 109,998 Stegmiller, Sol. Greenhoot and George Pres-109,998 ton, praying for the appointment of policemen for the protection of their wives and children. More good roads. The village board at its last meeting, voted to continue the graveling of Ludington street in its entire width as far west as Campbell, and to continue a roadway twenty-five feet wide westward on Ludington street and north on Jenny street to the rail-way station. This action is of course contin-2.582 11.163 way station. This action is, of course, contin-gent on the approval of the qualified voters of the village at a special election to be held early 26,901 in June 733

Mrs. L. D. McKenna caught her foot in a 732 bole in the sidewalk crossing one day last week, causing her to fall to the ground and breaking 302 one of the bones in her leg. The Port wants 302 some one to furnish it with a wasp or a bumble-bee with which to find the street commis-8,471 sioner 31,407

trustees to either make the street commisshipsloner attend to his duties or appoint some one minee who will. , from

Thanks for the compliment, Mr. Port-but not be advisable to have the necessary repair-

istence as the avowed advocate of a land-grabbing ring, and whose pliant tool it is, if any-thing at all. It is inconceivable that any ediwiped out its large debt, with ample our rounds. Orders received more tor not a natural idiot could be influenced by other than monetary considerations to defend not surprised that investors should be- and a second edition will speedily fol- such a transparently netarious scheme of robcome awakened to the value of this low. Those of our business men and bery as that in which the Saginaw land-grabimmense property, second to none on dealers who wish to avail themselves bers are engaged-and Mr. Dunham can take whichever horn of the dilemma he thinks will afford him the most comfort.

> MICHIGAMME .- No keeping thermometers down here-85 in the shade. The welcome buzz and hum of the saws and machinery at the saw mill is again heard. Pat. Barry, an old Michigammeite who has

> been acting as surface boss at the mine, left A team belonging to LeClair, of the Spurr,

made things lively about that burg last Sunday but was caught before much damage was done. Mr. John Hickey has recently purchased a delivery wagon.

Wm. Wylir, one of our big boys, left for Colorado Monday. James Hickey, who was considerably injured at No. 1 pit last week by being struck by a pump carriage, is now convalescing. Harry Stevens was buried beneath about river on the 28th, ult. His body was found on | was digging near Champion Friday of last week, and his body not recovered till last

The alarm of fire on our streets last Monday noon proved to have been occasioned by the breaking out of fire in the Kirkwood building, occupied by the family of Frank Opie as a res

have been appointed night policemen. The the ground, but those Babcock's wouldn't work, owing to long disuse. However, a few Fu The editor of the Port has called a meeting pails of water judiciously applied, put the fire

> Mr. A. C. Davis, of the Spurr, has recently purchased one of the finest teams of draft MA

horses to be found on Lake Superior. "Billy" Milroy's hand collided with a blacksmith's sledge last week, and is now conveyed

John Hurd, a respected young man of this place, met with a serious accident in the mine last week Thursday by the premature explosion of a stick of glucodine powder, which tore off one of his fingers and blew his features into an unrecognizable mass. It is thought he will be blind.

At three o'clock last Sunday afternoon the Spurr whistle sounded the alarm of fire, and shortly thereafter nearly all of the male por tion of our citizens were on the ground, when it was found that fire was in close proximity to the residences of Messrs. McGrath, Wilson and Monahan, also a family of French people near the bridge, most of whom with the aid of willing hands moved out. The fire came from the south through the woods, and with a strong easterly wind. It was thought at one time that stock, which is replete in all that is In another place the Port calls on the village all buildings south of the railroad would be burned. The "Pinafore" hook and ladder beautiful and useful, you can readicompany were on the ground in short order, and executed some telling work in preventing | ly make a choice. We are showing

Mr. Swineford offers the MINING JOURNAL for sale. If Marquette lets him go it deserves to have such a paper as the-weil, we won't call names-as some other localities in the u. p., and will probably have just what it de-serves.

New Advertisements.

one 8-horse portable mounted on wheels, and

Notice to Contractors.

Notice is hereby given that for TEN DAYS

after this date the Recorder will receive Sealed

Proposals for excavating, laying pipes and

covering in a sewer on Ridge street from its

intersection with Blecker street to Cedar

street, and thence to Lake Superior, accord-

iug to plans and specifications to be seen at the

The Street Committee, under whose super-

vision the work is to be done, reserve to them.

Each bid must be accompanied with a bond

with two sufficient sureties for the faithful

Notice to Contractors.

Whereas ordinances have been passed by the

City Council for grading and 'macadamizing

Fisher street from Front to Fourth streets; al-

so Third street from Superior to Fisher

streets; also Fourth street from Rock street to

JOHN G. O'KEEFFE,

Recorder.

670w2

selves the right to reject any or all bids.

FOREST CITY MACHINERY DEPOT.

48 Merwin St., Cleveland, O.

other size - in stock and coming at

671w4.

Recorder's office.

671w1

performance of the work.

Dated, Marquette, May 28, 1881.

FOR SALE .- Engines and Boilers.

5.138 just you send us a purchaser, and see who will ing done at once, so that in case of an emer-ROEHM & WRIGHT,

ails, Spikes, Sheet, T Rail, Steel
and Pig Iron.
Foot Wayne Street,
DETROIT.
. RANSOM. GEO. A. MARSH. G. L. BURTIS. P. O. MARSH.
ANSOM, BURTIS & MARSH,
Manufacturers and dealers in
INE LUMBER
And Timber.
LL TIMBER A SPECIALTY.
Comme Change and
ll line of Lumber, Plank and Timber constantly on hand.
RQUETTE, - (671m3) - MICH.
Vedding
Gifts !
If you are desirous of making a
dding present, and cannot satisfy
urself as to what would be an-

W. W. COLLIER & CO.,

Manufacturers and Jobbers

-MERCHANT BAR-

These 10,000 , the manageprocess. It d-class ore is careless minmining capthere is in the eparated, and t, no further The ore, it is purposes-in rict. x24 Frazer & as many derboiler. Two g. The mine and there are making their genial gentlethe company's

ch was found

t will raise the s of first-class xplorations in ore the end of ed to its list. s are those in st east of the tions are being of a most satf No. 1 Chapin parently of the le that a mine son. section 32, but owever, in die that further On the Felch ood results, as

he Menominee

t mine corpora-

pany at Keyes nt good quality

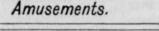
At Albany the senate caucus committee has refused to go into caucus for the nomination of United States senators, and it now looks as if a dead-lock will be the result, and the question of who shall succeed Conkling and Platt be left for a decision by the people at next fall's election.

WHAT NEXT !- The Michigan house has passed a bill providing a fine of \$1,000 for editors who publish accounts of rapes, incest, seduction, murder or executions ! Damphoolism such as is concentrated in an ordinary Michigan legislature can go no further.

THE Ontonagon & Brule River railroad land grabbing bill passed the Michigan house of representatives on Wednesday by a twothirds vote. The proposed steal is far from being consummated, however.

COL. C. Y. OSBURN has received and accepted the appointment of agent for the Sterling mine in place of Mr. Kidder, resigned. A good appointment.

ANOTHER new and valuable find is reported to have been made quite recently at the Humboldt.



THEY ARE COMING IN FULL FORCE! LARGER THAN THE LARGEST!

GREATER THAN THE GREATEST !

Heywood's Mastodons!

THE ORIGINALS FROM



ARTISTS. 30 30

NO DUMMIES.....ALL PERFORMERS.

Mr. Heywood guarantees that this organization will be the largest and best combination of Minstrel Talent that has ever visited this region, and is an en-tertainment where the most sensitive lady can, with the greatest propriety. listen to plaintive ditties, enjoy the Ethiopianisms, laugh at the wonderful im-personations, and go into ecstacies over the music and nonsensicalities. The best minstrel troupe ever witnessed; one that will meet with the approval of the amusement-loving public. Unexceptionable in all its features. Devoid of low wit and coarseness. Will visit

MARQUETTE, MONDAY, MAY 30.

ESCANABA, Friday, May 27. NEGAUNEE, Saturday, May 28. MARQUETTE, Monday, May 30. ISHPEMING, Tuesday, May 31. HANCOCK, Wednesday, June 1. HOUGHTON, Thursday, June 2. CALUMET, Friday, June 3.

Heywood's Mastodon Brass Band will march through all the prin-cipal thoroughfares. See the grand free-to-all parade, and listen to the splen-did music. Do not miss the parade.

JAMES HEY WOOD, originator of the Mastodons, who has traveled with and has managed the largest and most successful minstrel party ever organized, for sixteen years without the intermission of a single night—a record no other manager in the world can produce, and prove the same—something for sensible people to consider. This mammoth organization cannot be sustained at con-cert hall prices and cheap theatrical rates, but the prices are placed as low as

COMMODORE NUTT, the dwarf, whose inches in height, and 37 years old.

GRAPHITE, in its purest natural state, has been found in Baraga county. Which one of our mining exchanges can inform us of the probable value of a durable vein of this mineral?

 \cap

 \square

and mineral lands, Chicago, have removed their office to room 1, 88 E. Washington street, where they have the neatest rooms occupied by any similar firm in the western metropolis. They have, moreover, established a reputation for honesty and fair dealing which ought to commend them to the favorable consideration of all those having mining stocks to sell, or who question of harbor improvements. may wish to purchase.

A MILWAUKEE paper says that "a pense was great as the pipe had to be laid prominent railroad man of this state visited the Lake Superior mines this week and after examination purchased a mine for \$95,000 in cash. He at once returned to Milwaukee on his way home. While here and after owning the mine only twenty-four hours, he was offered \$200,000 for it. He refused, as he thinks it worth more money." prominent railroad man of this state as he thinks it worth more money." That prominent railroad man was simply here and bid in a mine, at foreclos- street. ure sale, for the morgagee. If it had really been his own, and somebody had offered him \$200,000 for it and met with a refusal, it would simply have been a case of two fools well met—nothing There has not been a petition around for the school children to sign for the Outonagon and Brule River Railroad lately, as much. What's the matter now? offered him \$200,000 for it and met with more. The mine, if offered in the market, couldn't be sold for half the The roof is completed. money at which it was bid in by the 'prominent railroad man."

COL. BROWNELL, formerly of this county, is general manager of a new company which lately purchased the Smith iron mine and furnace at Ironhas no doubt been listening to some of ply intimated the general belief in that regard

ores you can find in Sauk county. WE expect to finish up our review of saginawland grabbers, and not from those whom it has sought to protect against legislative spo-

say nay to our stepping down and out. Yet, Total...... 46,232 we don't propose going-Marquette is good enough for us; we only want to lay down a order?

wearisome, thankless task with a view to enreal name was Morrison, died in New gaging in some kind of business in which there York on Wednesday. He was 43 is more money for the labor performed-that's ed : I suffered so much with rheumaall

II. FLORENCE.-The following from the News of cians could not help me. I was in dethe 21st would lead one to suppose that the village was growing:

spair of my life, when some one advis-ed me to try St. Jacobs Oil. I did so, We are fast progressing with our improve-ments and begin to feel a little stuck up-put-ting on city airs as it were. A general attack on the native wilds is going on all day and sometimes far into the night. The sound of the hammer and saw will answer for the muslieved, and, by the continued use of the oil entirely cured. I thank heaven for having used this wonderful remedy, for it saved my life. It also cured my Owing to large over-production and high wages, the Pittsburgh window-glass manufacturers have resolved to close their works and keep them shut tight as a clam during the whole sum-mer. KRUSE & TRAVERS, former residents of this county, dealers in mining stocks wife.—Port Huron Commercial. One 12x24 stationery engine and return tubular boiler, one 11x16 portable engine and boiler.

Sneak thieves are troubling Florence peo The first marriage recorded in the annals of

the city were solemnized and ratified on Mon-day last, by his honor, John Corry, Esq. The high contracting parties were Andrew Sjoquest and Miss Anna Britta. Most of the sufferers by the recent conflagra-

tion are either erecting new buildings or repairing their old ones.

DILUTH. - The News of the 19th says: The chamber of commerce is to consider the

Thomas Cullyford has sunk the Clark house drains below any danger of frost. The ex-

some distance.

The dramatic temple is being moved to its location on the opposite side of Superior

ONTONAGON .- The Miner of the 21st inst. Says:

The Doolittle house is being painted.

Fisher street; also Fourth street, Fifth street Work on the new mill is progressing rapidly. Ridge street, therefore, in compliance with the

Capt. Thomas Carpenter arrived in town and will clothe the schooner Celt with her summer garments, preparatory to sailing over the dark blue wave of Lake Superior. All who travel on the boat will enjoy themselves, you bet your bottom dollar.

bottom dollar. The range teams are busy bringing down copper for shipment, and return loaded with supplies for the range merchants. Tim Nester's organ emphatically denies that ton, Wis. The furnace in question is it owes its existence to pecuniary aid derived a primitive affair, having a capacity from the O. & B. R. R. R. Co. If its editor for turning out about 6 tons per day, doesn't lie in that regard, he must be ditorial to take the bakery as the biggest editorial and the company will build one or damphool on the lake -no one but a born idiot more modern stacks of large size. We would think of investing his own funds in a glean the foregoing statements from second newspaper venture in a county of less the Baraboo Republic, whose editor than 3,000 people. The MINING JOURNAL sim-

our friend Seymour's seductive elo-quence, or he would never have put in print the assertion that the Ironton motest degree bordering even on the suspiore "is a first-class hematite, yielding cion of his having sold his editorial columns to 60 per cent. metallic iron, and fully the advocacy of opposition to any measure equal to the famous Lake Superior ores!" No need of a railroad, Mr. Re-JOURNAL has received pay for its opposition public; the MINING JOURNAL will to the Saginaw land grabbers is worthy of the take a contract to transport to market, miserable pettifogger from whom it emenated. in a wheelbarrow, all the 60 per cent. The MINING JOURNAL was offered money for its voice and influence in the premises, but that

offer came from the aiders and abettors of the

when everything should be in good working Diamond Merchants, Jewelers and Importers, CHARLES NELSON, proprietor Nelson

140 Woodward Ave.,

(Opera House Block,)

propriate, call on us, and from our

a very complete line ; our goods are

all new and selected with great care.

and as if by magic, I was instantly re- 671m3 DETROIT, MICH.

PROPOSALS

- FOR-

Public Work!

SEALED PROPOSALS will be received by the undersigned until Thursday, the ninth day of June, next, for doing the work and furnish ing the materials necessary for the repairs and additions to the Marquette County Court-House, contemplated by the resolution of the board of supervisors of said county, passed March 16th, last,

Plans and specification of such work can be seen at the office of the County Clerk.

Proposals can be made for any part of the work or materials separately, or for the whole work and materials in one price. The same must be addressed to William Sedgwick, chairman of committee, and endorsed "Proposals for work and materials," (or either, as the case may be) and accompanied by the names of two responsible parties who will become sureties for the faithful performance of the contract should such be awarded. Such proposals will be laid before the board at its regular meeting next after the reception of the same, and the said board may reject any or all proposals without further action. Dated, April 25, 1881.

WM. SEDGWICK, WM. H. SPROUL, JAMES PICKANDS, **Special Committee**

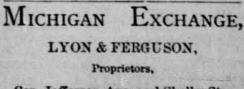
First publication May 21, 1881.] CHANCERY SALE.—In the Circuit Court for Snow, complainant, vs. Margaret Hurley, wid-ow and executrix of the last will and testament of Timothy T. Hurley, deceased, Timothy Hur-ley, Peter White, trustee, Samuel P. Ely, trustee, Anna Mary Haessley and Emma Helen Rademacher, defendants. Notice is hereby given that in pursuance of a decree of the said court, made and entered in the above entitled cause on the twenty-sixth day of January, A. D. 1881, I, Cornelius D. Shea, sher-iff of said court, made and entered in the above entitled cause on the twenty-sixth day of January, A. D. 1881, I, Cornelius D. Shea, sher-iff of said county of Baraga, appointed in said decree a special commissioner of said court to make such sale, will sell, at public auction, to the highest bidder, on Tuesday, the fifth afternoon, at the front door of the court house in the village of L'Anse, in the court for said county is held, all those cer-tion of Baraga and state of Michigan, (that being the place where the circuit court for said county is held, all those cer-tion pieces or parcels of land known and described as follows, to-wit : The east half of north-west quarter of section seventeen (I), and the east half of north-west quarter of sec-tion eighteen (B) in 'township forty-eight (4), north-west quarter of section seventeen (I), and the east half of north-west quarter of sec-tion eighteen (B) in 'township forty-eight (4), north-west quarter of section seventeen (I), and the east half of north-west quarter of sec-tion eighteen (B) in 'township forty-eight (4), north-west quarter of section seventeen (I), and the east half of north-west quarter of sec-tion eighteen (B) in 'township forty-eight (4), north-west quarter of section Seventeen (I), and the east half of north-west quarter of sec-tion eighteen (B) in 'township forty-eight (4), north of range thirty-two (2) west. Dated, L'Anse, May 18th, 1881. CORNELIUS D. SHEA, Tow Sheriff and Special Commiss Rock street from Front to Fifth streets, and and Sixth street from Washington street to charter of the city of Marquette, proposals will be received by the Recorder, for TEN DAYS

670w? Sheriff and Special Commissioner. [First publication May 21, 1851.] **B**ANKRUPT SALE.—The undersigned will sell at public auction at the front door of the post-office in the village of Harvey, in the county of Marquette, Michigan, on Monday, the 13th day of June next (1851) at 10 o'clock 1. M., the following described property of the Northern Iron company, a bankrupt, to-wit: All the interest, right and title of the sold bankrupt in the west half of the northwest quarter of section six (6), in township forty-seven (47) north, of range twenty-four Chi west; also all reversionary interest or rights which the said bankrupt has or to which it may hereafter become entitled in the lands in-cluded in the plat of the village of Harvey, which plat was made in 1864, and a map of which is recorded in the registry of deeds, of Mar-quette county in liber F of deeds on page C24. Said sale will be made subject to all incumbran-ces by way of taxes or otherwise. The self of the way the 1851.

JOHN G. O'KEEFFE, Recorder.

[First publication May 28th, 1881.] LAND OFFICE AT MARQUETTE, MICH., } May 28th, 1881. Complaint having been entered at this office by Oliver Laremey against J. P. Freiberg for abandoning his homestead entry No. 819 dated Oct. 26th, 1874, upon the south half of the north-west quarter section 12, township 46 north, range 25 west, in Marquette county, Michigan, with a view to the cancellation of said entry: the said parties are hereby sum-moned to appear at this office on the 29th day of June, 1881, at 10 o'clock A. M., to ro-spond and furnish testimony concerning said alleged abandonment.

Heged abandonment. H. H. Sl'AFFORD, Register. J. M. WILKINSON, Receiver. 671w5

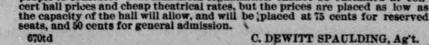


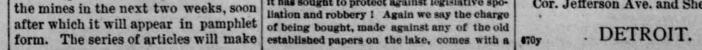
Cor. Jefferson Ave. and Shelby St.,

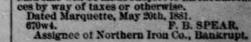
the due performance of the work. Dated, Marquette, May 28, 1881. 671w1

from this date, for the performance of the work on each of said streets according to the specifications laid down in said ordinances,

which can be seen at the office of the Recorder. The Street Committee reserve to themselves the right to reject any or all of such bids, and will require a bond with sufficient sureties for









MAY, 1881.]

cago.

month.

summer.

following day.

zers.

881.

Our

aplete

with

n the

as to

sun.

eated

sion a

ing a

llman

eming

ub a

vince

erson

iema-

e an-

York

way

xhibi-

sts of

only

ilway

chil-

gines

ining

e the

other

f the canti-

es of

hem-

puzzle

7, a

10 go

nents,

drill-

pro-

lon."

en in

atthe

e hall

cos-

avea

t the

rring-

ining

ening

y Mr.

once

and

wner

out a

lingly

ioney

ble a

a re-

w in

ick a

o get

night

was

r in-

y she

on to

o the

, was

And

1 she

than

1 him

what away,

try-

man,

oman

ON.-

the

rsday

York

d at

ellent

ality.

excel-

ver-

ny of

and

thing

ist of

hat it

o see,

rtists

pro-

beaks

y and

iness

llnot

but

essrs.

stop

opera

first-

quite

pro-

ı im-

one,

egun

mer. takes

the

id is

n the

rmis-

issue

s de-

the

next

speci-

dver-

and

ound

nuch

done.

s are



Jackson school.

HEYWOOD'S Mastodon minstrel company will give one of their excellent entertainments in Winter's hall to-

ON Sunday morning last Rt. Rev.

Bishop Vertin officiated at the Catholic church, celebrating holy communion and administering the rite of confirmation to some 50 children. The church was packed at both services.

TOMMY RYAN, the notorious bum, has again been on the war path. Drunk and disorderly, a night in the jug, and a nine-dollar bill to pay for fine and costs. Tom has faithfully promised to brace up and be a reformed man.

MRS. Mary Ryan died last Sunday morning at 2 o'clock, of cancer, aged 53 years. She had been a great sufferer for many months, and her death was not unlooked for. She leaves one son and one daughter, the latter being Miss Maggie Ryan, teacher at the

troupe as this is reported to be, to visit our city, and we feel confident that they will be greeted with the crowded house they certainly deserve.

WETTSTEIN is getting ready for the summer business. His show cases run the entire length of the store on either side, and are filled with some of the rarest mineral specimens in the world. The place is indeed a "museum of minerals," and tourists should not leave this country without paying it a visit.

THE resignation of Col. C. V. De-Land as collector of internal revenue for this district, will, we trust, make no difference in the office of deputy collector for the upper peninsula. Dr. Johnson has filled the office faithfully and with ability for four years, and the new collector can not do better than retain his services.

DEPUTY Collector Johnson seized a quantity of cigars last Thursday from a man named Stern, who had been guilty of peddling smokers without the necessary license. He had a license permitting him to sell goods by sample, but that did not entitle him to go into the peddling business. At the time of the seizure Stern got quite indignant, and offered to bet the collector a hundred dollars he would make him suffer for his interference. He left town the same day.

SHUT UP.-A special meeting the common council was held last Monday evening for horses. the purpose of considering the ordinance relative to closing the saloons. Alderman Zine offered a resolution to ring with him before making purchases, or the effect that the saloons be allowed to keep open until 12 p. m. on week days, and from 1 till 12 p. m. on Sundays, but the resolution was defeated by a vote of six to two. The city attorney read the statute and city ordinance and it was found that the latter allowed saloons an hour more for business than the former, but after some little discussion the council decided on a resolution offered by alderman Merry to allow the saloons to remain open as late as the ordinance allowed-11 p. m. on week days, and on Sundays from 1 till 11 p.m. The mayor has given the marshal strict orders to see that the ordinance is obeyed to the letter and it will be done. There is but little opposition manifest on the part of saloon-

THE growing popularity of the beer prewed by Messrs. Meeske & Hoch, of Marquette, and their inability to supby the demands of the trade from that and Sour Mash Whiskies. place, is what led these gentlemen to ourchase the old Peninsula brewery in TAKE SUPERIOR CARRIAGE WORKS, his city. The brewery was purchased early last winter, and after some slight mprovements was put in operation, unning until a short time since, when he firm determined to replace most of he old fixtures with new, thereby add- Carriages, Wagons, Sleighs, &c. ng to its capacity, besides improving he building by additions and orna- south of M., H. & O. R. R. depot. hentations. Brewing was thereupon 613y

The subscriber makes a specialty of supplying mining companies, and all others desiring Parties in the copper region will consult their own interests and save money by confersending below. H. M. ATKINSON, 652tf Negaunee.

Feibish & Co.,

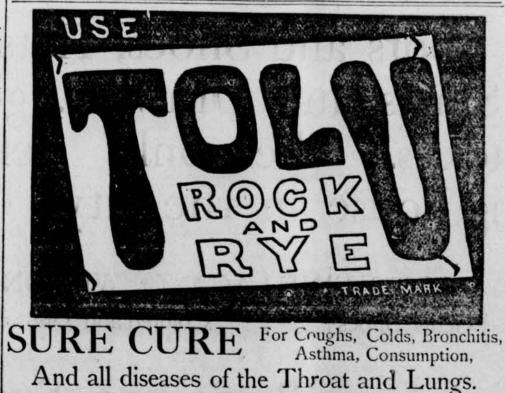
Wholesale Dealers in Foreign and Domestic

WINES AND LIQUORS,

Cigars, Tobacco and

Smokers' Articles.

NEGAUNEE, . MICH NEGAUNEE, MICHIGAN. . Manufacturers of every variety of



-PUT UP IN QUART SIZE BOTTLES FOR FAMILY USE. CAUTION. ----DON'T BE DECEIVED by unprincipled dealers who try to palmi off upon you Rock and Rye in place of our TOLU ROCK AND RYE, which is the only MEDICATED article made, the GENUINE having a GOVERN-MENT STAMP on each bottle.

EXTRACT FROM REPORT OF THE COMMISSIONER OF INTERNAL REVENUE :

EXTRACT FROM REPORT OF THE COMMISSIONER OF INTERNAL REVENUE: TREASURY DEPARTMENT, OFFICE OF INTERNAL REVENUE; WASHINGTON, D. C., JANUARY 26, 1880. } Messrs. LAWRENCE & MARTIN, 111 Madison St., Chicago, III.: GENTLEMEN: I have received a "certified formula" giving the ingredients and relative pro-portions used in the manufacture of an article which you advertise and sell under the name of "TOLU, ROCK and RYE." This compound, according to your formula, in the opinion of this office, would have a sufficient quantity of the BALSAM OF TOLU to give it all the advantages ascribed to this article in pectoral complaints, while the whisky and the syrup constitute an emulsion rendering the compound an agreeable remedy to the patient. In the opinion of this office, an article compounded according to this formula may properly be classed as a medicinal preparation under the provisions of Schedule A, following Section 3,437, U. S. Revised Statutes, and when so stamped may be sold by Druggists, Apothecaries and Other Persons without rendering them liable to pay special tax as liquor dealers. Yours Respectfully, (Signed) GREEN B. RAUM, Commissioner.

Repairing done in all'its branches. Shop LAWRENCE & MARTIN, Chicago, Sole Agents for the United States and Canadas.

15y JAMES DWYER & Co., Marquette, Agents or the Upper Peninsula

CHERRY

LAKE SUPERIOR IRON COMPANY. - The annual meeting of the stockholders of the Lake Superior Iron Company, for the choice of directors and the transaction of any other business that may legally come before them, will be held at the company's office, No. 37 Franklin street, Boston, on Wednesday, the fitteenth day of June, 1881, at eleven o'clock in the forenoon. By order of the directors, A. C. TENNEY, Secretary. Boston, May 9, 1881. 669w5

A. C. TENNET, Secretary. Boston, May 9, 1881. 60005

PECTORAL, and uniformity of re-sults, which enables physicians as well as invalids to use it with confidence. It is the most reliable remedy for diseases of the throat and lungs that sci-ence has produced. It strikes at the foun-dation of all pulmonary diseases, affording prompt and certain relief, and is adapted to patients of any age or either sex. Being very palatable, the youngest children take it without difficulty. In the treatment of ordinary Coughs, Colds, Sore Throat, Bronchitis, Influenza, Clergyman's Sore Throat, Asthma, Croup, and Ca-tarrh, the effects of Aven's CHERRY PEC-ronat are magical, and multitudes are an-nually preserved from serious illness by its timely and faithful use. It should be kept at hand in every household, for the pro-tection it affords in sudden attacks. In Whooping-cough and Consumption there is no other remedy so efficacious, soothing, and helpful. The marvellous cures which AYER'S CHERRY PECTORAL has effected all over the world are a sufficient guaranty that it will continue to produce the best results. An impartial trial will convince the most scepti-cal of its wonderful curative powers, as well as of its superiority over all other prepara-tions for pulmonary complaints. Eminent physicians in all parts of the country, knowing its composition, recom-mend AVER'S CHERRY PECTORAL to invalide. and prescribe it in their practice. The test of half a century has proved its absolute certainty to cure all pulmonary complaints not already beyond the reach of human aid. Prepared by Dr. J. C. Ayer & Co., Practical and Analytical Chemists, Lowell, Mass.

AVER'S CHERRY PEC-

and no other so emi nently merits the confi

dence of the public.]

is a scientific combina tion of the medicinal principles and curative

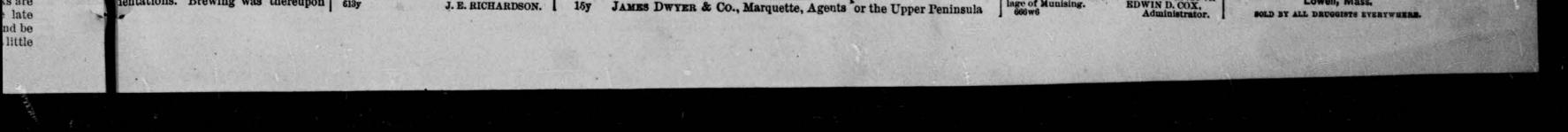
drugs, chemically unit-ed, to insure the great

est possible efficiency

PECTORAL. and uniformity of re-sults, which enables

irtues of the finest

TORAL is such a remedy.



IRON men from abroad visiting the eity will always find the latch-string of the MINING JOURNAL hanging on the outside, especially if they are not sub-scribers and wish to become such. Our list, large as it is, yet has room for all who desire a live Lake Superior newspaper.

X

7

0

0

X

5

DISTRESSING.—As the construction train from the east of Rock River sta-tion, on the D., M. & M. R. R. came into that place last Thursday evening, one of the brakemen, Patrick Loftus by name, jumped off, and ran ahead to turn the switch so that the engine might run upon the side track. After turning the switch, and while the en-gine was approaching very slowly, he gine was approaching very slowly, he jumped on the front foot-board, but his jumped on the front foot-board, but his foot slipping he fell under the engine, and before the engineer could stop the forward truck of the engine had passed over one of his legs. The engineer and fireman immediately lifted the man up and carried him to a house where he was cared for until an engine and coach could be got in readiness to bring him to this city, which was done in a him to this city, which was done in a short time, the physicians having been telephoned to meet the train with a telephoned to meet the train with a carriage. On arrival here Loftus was taken to the house of Mr. Tapkin, on Washington street, where it was found that his leg was so badly broken and mangled below the knee as to require immediate amputation. Loftus is a young man not more than 21 years of age, of steady and industri-ous habits, and well liked by all his companions. He did not faint nor ap-pear disheartened at the accident, but throughout the entire journey to this city maintained a resignation to his ill-luck that was wonderful, and to ques-tions and remarks of sympathy, would tions and remarks of sympathy, would invariably reply that "it might have been a great deal worse." Yesterday, (the day after the amputation) he was suffering great pain, but remains cheer-

Some CHICAGO FIRMS.—The manifest superiority of the Bullock diamond drills over other inventions of the kind, in getting quickly at the mysterious wealth which lies deep hidden in the bowels of the earth, is so patent to those of our readers who have had experience in their use that it seems almost a of our readers who have had experience in their use that it seems almost a waste of words to speak of them; yet after visiting the place of their origin and witnessing the wonderful growth in the business of their manufacture, together with the rapidity with which they are turned out and shipped, we can not refrain from not cing the industry briefly. This establishment gives employment to about 70 men the year round, and, like the miners of Lake Su-perior, these men are divided into a day and night "shift," the latter being assisted in their work by the Brush electric light, whose rays are not unlike in brightness to that of the sun. The employes are always busy at lathes, planers, drills, and other machinery used in making the Diamond Drill, and in iron, silver and copper mining. We don't care to say much more in regard to this establish-ment, lest it be considered in the light of a paid "send off," but we were so well used by Mr. Bullock—who made no exception of us—that we will always regard our visit as one of imround, and, like the miners of Lake Sualways regard our visit as one of immense pleasure and profit, and would advise all Lake Superior people to pa the establishment a visit when in Chi-*The electric light, to which we made, reference above, reminds us that Mr. Ballock is also agent for the same, and that in supplying this brilliancy he is also doing an immense business. He has recently set up the light in Akron, Ohio, and that city is now lighted from centre to circumference by it, the lights centre to circumference by it, the lights being placed on the summit of a tower 220 feet high. This tower is made of boiler iron, and is sunk twenty feet in the ground, and is supported by cables stretched from its top to some distance from its base. The cost of the tower was \$1,100, and the electric apparatus for lighting the city cost \$4,000 more, and thus at the first cost of \$5,100 the city is supplied with a light that changes night into day and makes it an impos-sibility to swing on the gate with your girl without being detected. Akron is lighted at an immense saving over the gaslight system. Mr. Bullock has con-tracts for placing these lights in Auro-ra, Ill., and Denver, Col., the former city to have eight towers and the latter six, each tower ranging from 175 six, each tower ranging from 175 six, each tower ranging from 175 to 300 feet high, and each light being of the capacity of 12,000 of Barney Carr's best make of candles. Denver will spend \$50,000 for the lights, not including the cost of the towers, but it will be money in their pockets in the and end. The North Chicago Rolling mill com-pany are putting in three new stacks with Whitwell stoves, in their South Chicago mill. As soon as completed they will be put in blast, should the trade remain as at present. James B. Goodman & Co., of 89 Washington street, report the outlook for a good business in upper peninsula lands as much more flattering this season than in any former years. These gentlemen have some 100,000 acres of northern Michigan lands in the market. It is a first class firm with which to do business. Crane Bros., of 10 North Jefferson street, have one of the largest machine shops and foundries in the west, and shops and foundries in the west, and carry on an extensive trade in patent hoisting machines for blast furnaces and coal and iron mines. Their make of malleable iron castings and steam warming and ventilating apparatus are in great demand. They stand too high to need any especial notice here. Messrs. Parkhurst & Wilkinson, cor-ner Lake street and Fifth avenue, carry the largest stock of iron, bar iron and heavy hardware in the west, and give figures that would surprise eastern dealers. dealers. The Wick & Bonnell company, 196 The wick & Bonneh company, 196 Lake street, are successors to Hale, Cleveland, Bonnell & Co., and are as enterprising as the liveliest Chicago-ans. Their advertisement will be found in another column. Read it and become posted as to what they are doing. Prof. G. A. Mariner is an assayist and analytical chemist of great ability, and a gentleman in whom it is safe to impose confidence. Mong the heaviest dealers in iron ore, pig metal and T rails in the west, are the firms of A. B. Meeker & Co., and Rhodes & Bradley—all interested more or less in Lake Superior iron mining, and both firms dealing exclu-sively in the Lake Superior product. CORRESPONDENT. An article so favorably known as Hall's Hair Renewer needs no words of praise from us. It has won its way to the highest favor in the public mind and multitudes who have vainly used other preparations have, on trying this, been made glad by the speedy restoration of abundant locks as in the days

THE MARQUETTE MINING JOURNAL.

GRAND OPENING!

MAY, 1881.

A. HOR

ESTABLE

Don't buy traveling agen

ame or better in

A FULL

LARGE Sto

SEE the

LARGE S styles in Hema

CHINESE

FULL lin

Don't m Bros. large ass

Don't bu

THE Saf Rattler is the to put them on

you never expecter at home. Ci

no more runav

bolt in place if

PERSONS

ine of Plum

vell to consu

loor east of

street. Mr. B

large experier been in the en

All kinds of w

DECORAT

FOR SAL

One 12x24 stat

boiler, one 11:

one 8-horse po

other sizes in

MONEY 1

BOARDIN

Address, L. E.

ited number of

and pleasant

ton street, six

NEUBER large and eleg straw hats, al

ALTHOU

by outside me business in th

Nobby suits

and an elegan

FINE n among the m

SPRING 2

671tf

671w4.

For

warranted.

Stafford's.

672tf

loods at Staffe

Rockford Wate

French Glasswa

and silver case

ord's.

mey.

BUSE

An infant child of Mr. John Fitzger-ald died on Thursday.

GEO. REED has added several hand-some horses to his livery stock.

WATER rates must be paid before the 30th, or the penalty will be to pay—in addition.

THE picnic season approaches; the place to go this summer will be out on the line of the D., M. & M. R. R.-to Deer Lake, for instance.

A NEW sidewalk on Front street south of Rock would be a decided im-provement, and one for which the MIN-ING JOURNAL, at least, would be de-voutly thankful.

Fog, did you say? All Marquette needed to make a second London of it Thursday and Friday last was the necessary number of buildings. It had the fog in superabundance.

IF THE poundmaster doesn't soon be-gin to show a little less partiality by looking after the prowling bovines at the south end of Front street the MINING JOURNAL will be compelled to cancel the good things it said of him a few weeks ago.

NEVER in the past ten years has the MINING JOURNAL job rooms been more crowded with orders, and never during the whole of that time has it been provided with such excellent facilities for prompt dispatch of work, or had in its employ a corps of equally competent workmen.

"A THING of beauty is a joy forever," but the remark isn't applicable to the but the remark isn't applicable to the patched up sidewalk on the west side of Front street between the National bank block and Superior street. When will the owners of property there follow the example set them by the bank folks, and lay down a substantial stone walk?

THE Front street bridge over the lower railroad cut is to be repaired, and made substantial, so that there will no longer be any doubt of its abil-ity to hold any load which will pass over it. The bridge has not been considered dangerous heretofore, but it did get the shakes somewhat when heavy loads passed over it. The tim-bers are on the ground and the work will probably be commenced next week.

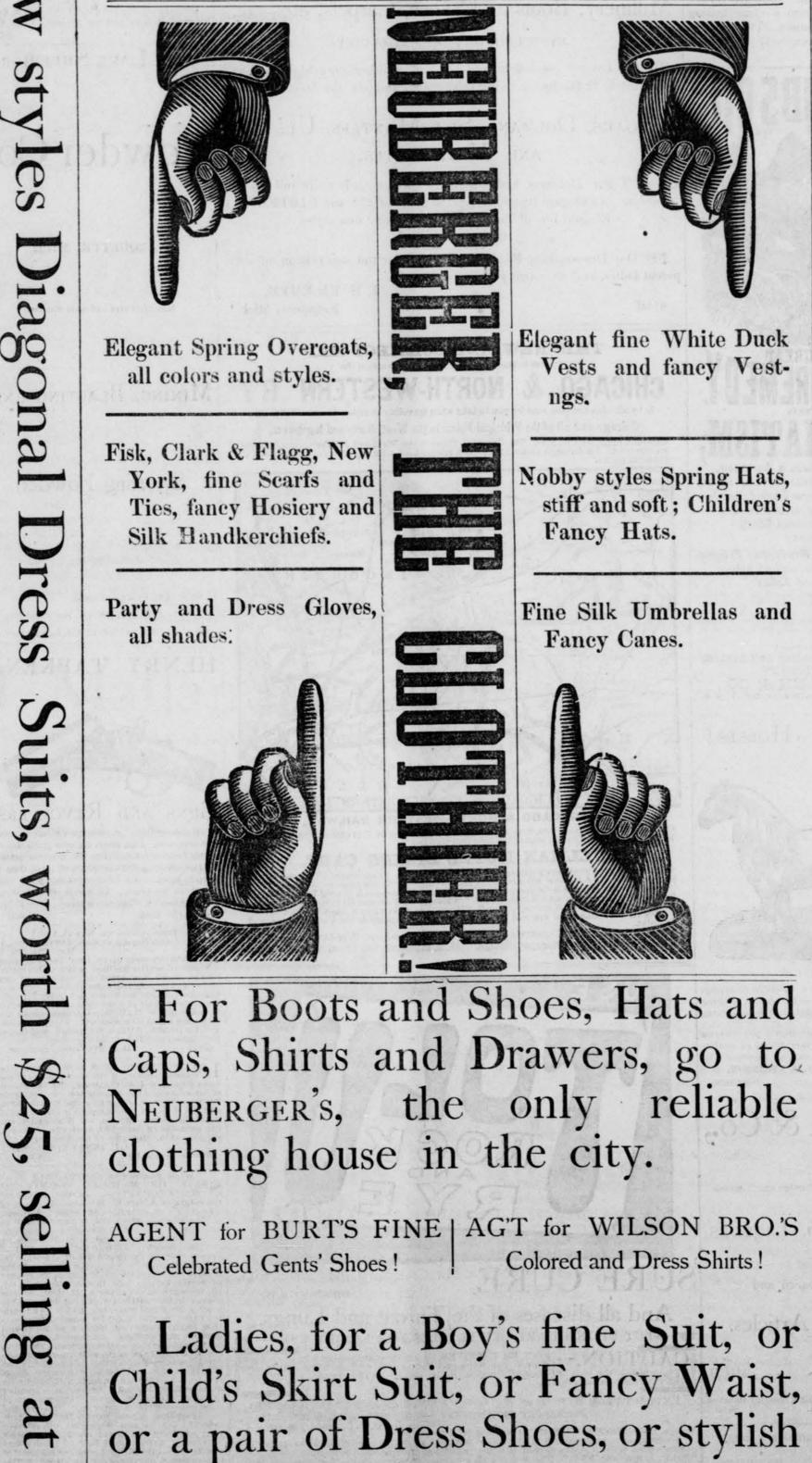
MAYOR PENDILL is in favor of the erection of a central hose house, on Spring street—one that will accommo-date the whole fire department, and be an ornament instead of a disgrace to the city. The Mayor's head is eminently level; he won't squander any of the people's money foolishly, and in this matter he should have the support and encouragement of every tax-payer. Shall he not have it?

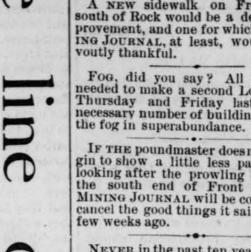
A word to the wise. You chaps who come to the MINING JOURNAL for editorial favors, and give your orders for job printing to offices from which no paper is published, will hereafter be expected to get your editorial favors from the parties to whom you give your patronage. It may be thoughtlessness on your part, but we shall hereafter enforce the law of compen-

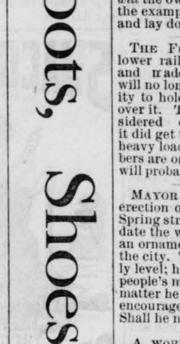
500 Fine Dress Suits, worth \$25.00 at \$20.00 " Diagonal " 25.00 " 200 20.00 400 Business 20.00 " 16.00 150 Blue Flannel 14.00 " 10.00 500 Working 18.00 " 7.00 1000 Working Pants, 2.50 " 1.75

CUSTOM WORK!

In this department can be found the best imported suitings, fine overcoatings and domestic suitings of all kinds, which will be made to order in first-class style. Fit guaranteed or no sale.







2

0

ap

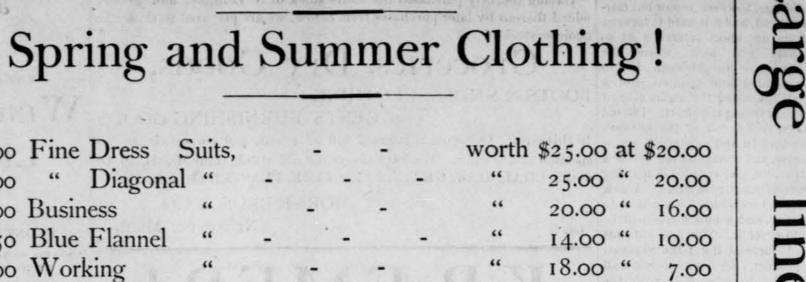
0

H

D

an

Elsewhe



sation, nevertheless.

HON. JOHN DETSCH is about to en-gage in the grocery business on Wash-ington street. After his laborious literary labors in writing a "comprehensive commentary on the Bible"—which by the way, is not yet in the hands of his publishers—his work as a weighmas-ter of cheese and dried apples cannot but be relieving. We wish him the greatest success, not only in his book, but in his later venture.

SUDDEN DEATH.-Mrs. LaPire, wife of Mr. C. LaPire, died suddenly of heart disease at her home on Superior street at half past nine o'clock last Thursday morning. Mrs. LaPire had been attending to her household duties, and had finished some little work in the back yard, and feeling unwell went into the house and sat down in a chair, from which she soon after fell to the floor, dead. She was an estimable lady, and her loss is mourned not only by her husband and four children, but by a large circle of friends. heart disease at her home on Superior

ACCIDENT.—Mike Shea, an employe at the stone quarry, wished to use an old powder keg for a water bucket. He took the keg to the blacksmith shop for the purpose of cleaning ; put in a shovel of live coals to burn the tar from the sides, and while waiting for the thing to burn out, ventured to put his head over the top to look in. Of course, the powder was just ready to course, the powder was just ready to flash, as it did, and Shea lifted his head minus mustache and eyebrows. They will grow again, however, and he will be the same Shea as of yore.

THE general offices of the M., H. & O. R. R. company in this city have been remodeled during the past few weeks, the upper floor having been fitted out for the freight department, and the cashier's office being moved and the cashier's once being moved into the room formerly occupied by the freight agent. The general manager's office is now in the room formerly oc-cupied by the cashier, and the ticket department will move into the room vacated by the general manager. As now arranged the offices are much more convenient, and give more room in convenient, and give more room in which to transact business.

PENDING the question of establish-ing a central hose house, in which the entire fire apparatus of the city shall be kept, for the purpose of determining the time required to reach any part of the city from its proposed location on Spring street, a test will be made to-morrow evening at 7 o'clock (weather permitting), when three hose carts will be started from Spring street running in be started from Spring street running in three directions to the extreme limits of the city—one to the rolling mill, one to the west end of Washington street, and one to the east end of Ridge street, and the time taken to reach each point carefully noted.

A CORPS of engineers have started from Sault ste Marie, Ont., to survey and locate a line for the contemplated railway to that point. The Northern Pacific company is letting contracts for the building of its Wisconsin division, and the sale of the M., H. & O. land grant gives color to the statement that that company will extend its line west-ward to a connection with the North-ern Pacific in the near future. When Marquette gets a direct railway connection with the great new north-west, then look out for a tide in its af-fairs which will lead on to permanent prosperity. It will then be the most desirable point of any from which to supply Minnesota, Dakota and Manito-ba with manufactured iron of all kinds. ba with manufactured iron of all kinds. The good time is certainly coming— only wait a little longer, boys.

less variety a NEUBER of new good street. An eles hand bags ju WANTER Clerk or bool Have had fiv mining corpo keeper for b years. Have for the past i ences furnist 669w4 AUCTION ber of desire will be disp 26th, 1881. 669tf SNOW SPEAR'S. FOR S.

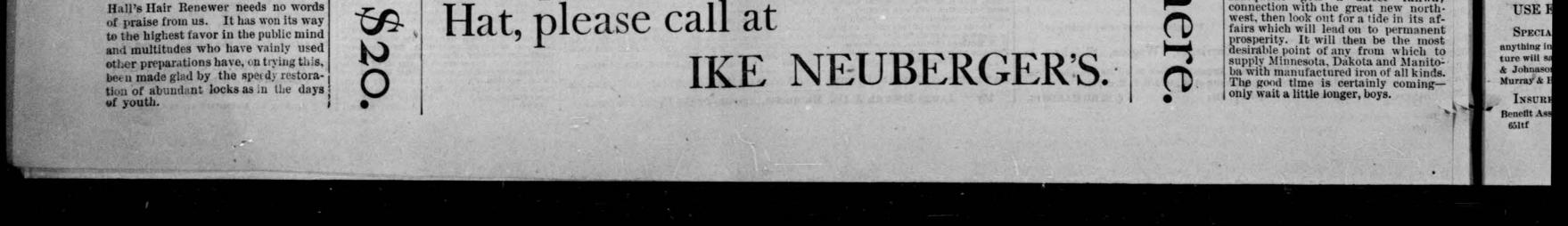
Root boiler i brewery. 100 Bl Flour will be by F. B. Spe FOR SA cated on nor tween Fifth reasonable 666tf

> Now is niture repai good as new 667tf FOR SA Buggy; 100 ting Machin Hose and fit Scales; one marble Man

666m2 FOR My house 5th and 6th nd house Apply on p 665tf USE E

anything in ture will sa & Johnason Murray & H

SPECIA



IKE NEUBERGER'S.

Hat, please call at