# The Mining Journal.

#### By A. P. SWINEFORD.

A. HORNSTEIN, Business Manager.

#### Devoted to the Iron and Industrial Interests of the Country.

ESTABLISHED IN 1846.

#### MARQUETTE, LAKE SUPERIOR, MICHIGAN, JANUARY 15, 1881.

#### NEW SERIES, VOL. XI, No. 652.

**3 THREE DOLLARS PER YEAR.** 

#### BUSINESS NOTICES. CITY AND COUNTY.

#### TRY "Perfection" baking powder manufactured by Spragues, Warner & Gris-652-m3. wold.

Benefit Association. R. J. GOOKE, Agt., Marquette. 65ltf

PERFECTION BAKING POWDER CONtains no alum. LARGE stock of Sheet Music and

Music Books at CONKLIN'S.

PERFECTION BAKING POWDER is al-652-m3. ways full weight. Watch made, elegantly cased in gold, at leaving the work to inexperienced 643tf CONKLIN'S.

PERFECTION BAKING POWDER is correctly. absolutely pure. Ask your grocer for it. 652-m3

ROCKFORD WATCHES in gold and silver cases, at CONKLIN'S. 64Stf

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

THE Syphon Lamp gives the lar-

gest flame and brightest light. See them burning every evening at CONKLIN'S.

USE EMPIRE SOAP. 632tf

AGENTS AND CANVASSERS make York. Send for their catalogue and terms.

SLEIGHS! SLEIGHS! SLEIGHS!-Now is the time to send in your orders and supply yourself with one of the best sleighs in the market, known as the "Common Sense one bram Patent Sleig's." They have no equal, They will hauf larger loads with more ease than bad places as the common, stiff-jointed sleigh is sure to do. They also have a patent shoe concave heel so as to prevent them from sliding keep on hand all sizes of logging, light and him. heavy teaming and delivery sleighs, all warraptedto give perfect satisfaction. Parties

All orders promptly attended to. T. MORGAN, Sole Agent for Marquette Co., Mich.,

...

of his brother, county clerk Rowland.

CAPT. E. ROWLAND, of Boulder,

THE residence of the sheriff is being

out, and will be otherwise much im-

the absence of Mr. S. W. Goodale. Mr.

Gray is one of the best court reporters

proved internally.

In the country.

Col., formerly of Negaunee, is a guest

THE board of fire and water commissioners want 600 cords of hard or 1,000 cords of soft wood, and will receive INSURE in the Detroit Mutual proposals for furnishing the same until the 20th inst. For particulars "see posters in conspicuous places," or call hope he don't do as a certain Ohio judge is on the secretary, H. E. Warner, at his credited with doing-furnish sleeping spart- in the coming six years of his life as located on either side of the rear cor-

office in the bank building. 652-m3. IT would save the up-road editors 643tf considerable unnecessary expense if they would discharge their Marquette correspondents and compile the local happenings in this place from the MIN-

"6 SIZE," the smallest American ING JOURNAL themselves, instead of hands who can't even copy things

> THE case of Kate Korten vs. Wm. Bartle, captain of the Salisbury mine, was on trial in the circuit court last Wednesday. There was a little smut in the case, and of course it attracted the multitude of bums and loafers who, like carrion, are always where the filth is thickest. They were somewhat dis-643tr appointed, however, in this case.

THE saw mills of Gillett & Co., at

Chocolay and Silver Creek commenced on Wednesday to run night gangs, and E. G. Bidcout & Co., 19 Barciay street, New the great demand for lumber, they will 640y be run to their utmost capacity both side-track to his Chocolay mill, from the main track of the D., M. & M. R. R.

J. H. DALLIBA, having retired from the firm of Tuttle & Co. will hereafter any other sleigh produced. They are built go it alone in the ore and pig iron loose jointed so that each runner will act inde- commission line. Jimmy is a Marpendent of each other, and will not tip over in quette boy who possesses in the largest degree the confidence of our Lake Superior people, and as a consequence into his ears, thereby causing a vibration from nessed its forced march-admiration sidewise, so that they will keep the track. I he cannot fail to succeed. Success to

ROBERT R. FRENCH, city marshal sion to the gallery, twenty-five cents. will do well to call and see for themselves, be- and street commissioner, has been ap-

No sir, we deny the soft impeachment ; they served their time, but never learned their trade in the MINING JOURNAL office.

CINDERS.

197 If there's one thing we'd like to see more than another, it is a certain editor of our acquaintance "jine" a couple in marriage. We ments and a watch dog for runaway couples for the small consideration of \$6. If he does he'll soon be a millionaire.

Bopeep, Poor sheep, Had gone to sleep; The fly did bite her, awful. "She's dead," He said. As any lead: And eating her is lawful. She woke, And spoke, "This is no joke, To gnaw a fellow creature: Now, stop:"

And, pop! She swung a mop, Which mashed his nasal feature.

20" They that have ears to hear should be able to hear. 'Ear, now. There is a young whose fan-shaped cars are so large that when

his feet become exhausted, he utilizes his ears for wings. In summer he flops 'em, and mosquitoes and flies that try to suck his crimson gore can't get near him - after trying all from 25 to 50 dollars per week selling goods for for the balance of the season, owing to sorts of schemes to light on him they are compelled to fly away, and spend the balance of dependent of the ærial and insect exterminanight and day. Mr. Gillett has built a ting qualities of those 'ere ears, they are also of great advantage to the young man in enabling him to hear sounds a great distance, listen for the Negaunee mine whistles so that railroad and mining time at that place. It is also said of him that he recently attended a masquerade with the "little German band" in the capacity of homerer to the big base drum, the ear drums that sounded exceedingly slick. These wonderful ears will be on exhibition Saturday evenings from five to six. Admis-

Rev. Dr. Brown, the "cullerd" preacher fore buying elsewhere. Sold cheap for cash. pointed deputy sheriff. Mr. French is from Fond du Lac, Wis., who was in this city cease to flicker, was obliged to carry one of the best police officers in the country, and since the city marshalship was placed in his hands lawlessness with unit in that place, is now traveling in the sold before mortification set in—and surface. west trying to raise money with which to build and disorderly conduct has decreased. a new door to the sanctuary-the payment of driving the beast around in this way attention for several years, having been put off his hands. The plan didn't work, and until the door can be procured, which it is esti- different methods adopted to get rid of mated will not occupy more than three years of his valuable time. Peek's Sun says that "unless it can be shown that this is a deserving charity omebody out west will kick that colored nigh and that the beast would be left brother's spine away up into his hat." We newly papered and calcimined through- same. It is the privilege of the private have pleasant recollections of this "cullerd" brother's visit to our sanctum while on his errand of love to this city. His coming had been announced and we were ready to receive him, "Bress de Lawd," said he as he entered, "I nebber fail to get sumfin from de good bruddern ob de press!" and he sat down in the wooden bottom chair in which the carpet tacks had been carefully arranged. The ascenssion was beautiful-heavenly. He jammed his head into the ceiling, and then came down on his No. 12's amid a shower of plaster, rolled up got his horse, but when the poor anithe white of his eyes and began backing out of the door he had entered, with his bread-hooks clasped in such a way as to ward off any further at-tacks in his rear. At the door he paused a moment, gazed sadly and pityingly at Cinders After spending an hour or more in and remarked -"dat's jus' wat makes de good vain efforts to raise the beast, Mike the bride's parents, in the Dutch settle- chrischun 'spise de dam wickedness ob de world"-add he lingered no longer. has been visiting friends in Republic for some time past, has so worked on the susceptibilion Third St., have been recovered ties of the young men in that locality that many of them have been sitting up nights during the past week racking their "brains" in trying to express their feelings in sentimental lore. Here's one of the best producfrom this city to Chocolay comparative- However, if the MINING JOURNAL had tions that have been written on her account. them the public should know who they | The scene, it will be observed, is taken from the ball room:

gressman from St. Clair flats, and the basement nine feet in the clear will be James McFarland. next United States senator from Michi- furnished with three furnaces, and the gan, spent several days in this city last best modern improvements for con summer, besides at other points on the ducting heat into the audience room sleigh ride last Sunday to the house of Martin upper peninsula, and it is to be hoped above will be supplied. Two large Kelsey, in Baraga township. They had a most that he took in enough of the needs of ventilating and smoke flues, surmount- excellent time at Kelsey's place, but the ride the country to be of service to him ed with galvanized iron caps, will be senator. While here Mr. Conger ex- ners of the church. The size of the they'll never take another pleasure excursion pressed very freely his admiration and main audience room, from the vesti- when the mercury is below the twenties. love for this part of the state-but then | bule to the communion railing, will be that's the way with all politicians. 94 feet, and the sanctuary will be

36x261 feet. There will be two side WE are informed from reliable sources, that a new line of passenger and freight steamers between Chicago, Milwaukee and Lake Superior ports will be put in commission next season. Certain dissatisfied shippers in Manitowoe and Milwaukee have interested themselves in the matter, and have, we understand, interested eastern capitalists in the scheme. The Leopold & Austrian, though one of the most accommodating, has only four boats, and is hardly sufficient to meet the requirements of alone, without pews or other furniture, the large and constantly increasing will be \$40,000. Already the work of man in the employ of the MINING JOURNAL Lake Superior traffic, and we hope, for laying the foundation has been comthe permanent good of all concerned, menced, and the work of building will that the new line will be organized.

> THERE was a sale of horse flesh sible under the supervision of Mar- attend the meeting. (bones) on Washington street one night quette's veteran builder, H. Gregory, last week, which for sharp practice on whose skill in his chosen profession is gets away with anything in the line of master, and during the coming sumhorse dealing on record. Everybody mer it is expected that the walls of the knows John Marleau, and those most edifice will be up and the building enclosed. As the work progresses we shall have occasion to say more about know of his fondness for first-class John drove him through the streets city of beautiful churches. from day to day, excited the admirafor the excellent quality and unlimited supply of bones under its hide, and pity that the poor beast, whose lamp of life, it was plain to see, would soon

was the plan he adopted to get it off the animal, also failed. As it was now plain that the hour of dissolution was on his hands, John, in his despair, Mean barometer, March 12. made a proposition to Mike Swimmer, Lowest with whom he had tried to effect a bar-Lowest gain, that if he (Mike) would treat the crowd, he should have the horse. Mike consented, the sewer scum and Mike consented, the sewer scum and rosin was handed out to the amount of tifty cents, drank and paid for, and the fell. right and title was handed over to the purchaser. Mike went to the barn and Highest barometer on the 9th mal got to the street he lay down exlowest hausted, and no effort of the new proprietor could induce him to rise. Least whrischun 'spise de dam wickedness ob de world''-add he lingered no longer.
"One of Marquette's young ladies who has been visiting friends in Republic for some which, the world ''-add he lingered no longer.
"One of Marquette's not ladies who has been visiting friends in Republic for some which, the world ''-add he lingered no longer.
"One of Marquette's young ladies who has been visiting friends in Republic for some which, the world ''-add he lingered no longer.
"One of Marquette's young ladies who has been visiting friends in Republic for some which the world ''-add he lingered no longer.
"One of Marquette's young ladies who has been visiting friends in Republic for some which the mark of the world ''-add he lingered no longer.
"One of Marquette's young ladies who has been visiting friends in Republic for some which the mark of the world ''-add he lingered no longer.
"One of Marquette's young ladies who has been who has which, the coroner could not tell. The expenses of interment amounted to WW. five dollars, and this amount had to be paid by Mike. THE NEW CATHEDRAL.-The plans and drawings for the new Catholic cathedral, which is now in course of erection on the beautiful site of the one recently destroyed by fire, have at last arrived, and through the kindness of the Rt. Rev. Bishop and the master builder, Mr. H. Gregory, we were permitted to look them over, and will, ir the language of one little acquainted with architectural phrases and the ecclesiastical terms of the Catholic house of worship, try and give our readers an idea of the beautiful church edifice which will soon take front rank among the numerous temples of worship which grace this northwestern country. The building is to be a cathedral in all that the word implies-the headquarters for the bishop, and the place where the sacred functions of his office will be signed after the modern Roman style of architecture, and will be built of variegated Marquette sandstone. There will be two towers-one on each front corner-1321 feet in height from the water table to the top of the finale, and each tower is to be surmounted with a beautifully gilded galvanized iron cross. The north-east tower will be is now open for any business that may come the discussion with an argument in favor of along furnished with a clock of four dials, and an entrance will also be made into now completed, and teamsters will find it a usual, and discussed at some length the more pression to such sentiments, even if the vestibule through the side of this a comfortable place in which to bait and stable tower from the street. The front ele- their horses. vation to the church will be furnished tised masquerade. There were not the gable of the front elevation will be the next term of the circuit court, which bepresent were very comical. There be- them and the gallery lights will be a John Hand, Samuel Stephenson, Gershom B. being no fancy costume, no first prize beautiful rose window, 14 feet in di- Few, Thomas McGillan, Wm. Burt, Thomas

OMAR D. CONGER, the present con- cathedral will be of stained glass. A Steinbach: Spurr township, John McGrath and

Protection Fire company cleared about \$25 by its New Year's hop. Good for the boys.

A party of gentlemen from this place took a home came near freezing the vitals out of the entire party, and they swear by all the cowslips that blossom when the cows slip that

The literary and debating society, after vacation of two or three weeks, has again got down to business, and, at their meeting last Monday evening, tackled the question of "Resolved, That Stephen A. Douglass was a greater statesman than William H. Seward." Thomas Brady, Herman Seifert and Alf. Guck argued the case for Stephen, and August Menge, P. R. McKernan and D. J. Norton appeared for William. Both sides were well handled and showed that the debaters had center one to be seven feet wide and made the life and public services of their clients a study. Thomas B. Woolliscroft, the judge, after weighing the arguments of both sides, decided the question in favor of the affirmative, and his decision seems to be in sympathy with the prevailing sentiment of the public, which takes a fively interest in the de bates of the society. The question for dis cussion at the next meeting is-"Resolved, That the French revolution of 1789 was a benefit to France." D. J. Norton has been retained as counsel for the affirmative and A. A. Guck be pushed forward as rapidly as is pos- for the negative. All are cordially invited to

CALUMET.-Running away is becoming epidemic among the horses belonging to the disciples of the healing art. If there is a doctor's horse in the locality which hasn't run away and smashed things up generally the present winter, we have yet to hear of him. What is worse it's spreading, Lovejoy's trotters being the latest victims.

Scarlet fever and the measles have been raging here, epidemically, since the first snow fell, and there have been as many as eleven purchase in that line). This horse, as be one of the chief ornaments of this funerals in a single day. The epidemic does not seem to have abated any as yet. The schools are all kept open, but a striet watch is Metrological summary for the week kept, and all children from families in which the disease prevails are excluded.

Vivian will move his clothing house into Murphy's building, next door to Commercial house, which is being fitted up for his special use. Vivian has about a dozen persons in his employ, and his merchant tailoring establishment is a credit to the Lake Superior country. The Pacific house, Red Jacket, is doing a good business-because Goetling understands the wants of the public, and always keeps a Marquette MINING JOUWNAL on his table for the pleasure and delectation of his guests. Dedication services will be held at the new Lutheran church, to-morrow, Rev. Arnold officiating. On Wednesday last the air pipe at the Hecia burst, and the rock crushers were obliged to stop work for twenty-four hours. The presses for the "The Calumet and Red Jacket Bugle-horn of Liberty." or whatever may be the cognomen of the patent outside of the newspaper soon to be established here, have been set up in the rooms lately occupied by James Heaty as a justice shop. The proprietors say they will have the new paper out NW about the 25th inst. The voice of the "commercial bummer" is again heard in the land, the sample rooms at 38.44 the hotels being constantly occupied. Prof. Ragan lectured at the school house Tuesday evening to a large and appreciative 30.020 audience. Subject-Scotland. Jan'y 12th. IRIDIUM. REPUBLIC .- The weather has moderated considerable during the past few days, and indications of pleasanter weather begin to manifest themselves. The West Republic Mine is looking well at this time, and is being moderately worked. 7334 F. H. Kearney has not moved into his new building yet. The delay is caused by the 181 painters. The new machinery for the Ely is set up and in full motion. Mrs. John Northmore and daughter, Mrs. D. Brigham, of Ishpeming, have been visiting friends and relatives here for the past week. Miss Alma Gregory, of Marquette, who has been visiting friends here left for the Menominee range on Tuesday. John Adams had his hands badly frozen on Monday, while going from his home in Republie to Iron City. Work on the Catholic parsonage has been suspended for the present, the weather being so cold that it could not be continued.

... the day trying to solve this 'ere mystery. In- the part of the party of the first part, acknowledged by all to be that of a and we frequently send him on the street to intimate with his likes and dislikes, we may know the exact difference between horse flesh, (as instanced by his latest the cathedral that in days to come is to and that he made the sounds by fanning wind tion and pity of every one who wit-

altars 11x5 feet, with a sacristy in the rear of each and on either side of the main altar or sanctuary, 15x151 feet with a passage way from one to the other behind the main altar. There will be three aisles-center and two sides-the those at the sides each four feet wide. There will be a front gailery over the vestibule 18x56 feet, reached by a stairway in the west tower. The roof is to be of slate. The cost of the building

637tf shafting or weather, this.

chrust Bear-e the drill is elutch coup-th of a turn. THEM OVER ANY

7, 1881.

51

55.

erested

vho is

ill ac-

e that

you can

urchase

ds and

value

money.

ock is

ell as-

ith the

and af-

fall and

goods

dington's

ect from

辰: 639

ROBBINS.

sors

a, Quincy, ola, Re-

ompany.

ILLS.

dves to use as also my

.

Lake

and,

let

S,

y

Se

ost IMPORT-By their use one to TWO t, at any an-veloping the

rnor ever

&c. Giv

Chicago, Ill.

Nature's way!

SES.

CASES.

TROUBLES.

tem curativo

ased parts the

and Cured

this Sensible, CALLY

nail on receipt

sg Pad Co.

FROIT, MICH

HIGAN.

roceries

round and

BLOCK,

CO

tus.

ONE

haif to one n connection

prietor of the Ontonagon Miner, has mps. by his daughter.

> THE work of repairing the ore piers and merchandise docks is being pushed rapidly forward, the thick ice in the bay and around the docks greatly facilitating the work.

> THE ice in the bay is now strong ly safe, and in a few days, should the ice remain, that will be the road used.

MR. ROBT. J. COOKE has been appointed agent of the Detroit Mutual ed. Benefit Association, and parties wishing to insure will do well to interview him at his office with Watson & Palmer.

Monday for Duluth, whither he goes place.

THE active industry in Marquette during the winter, is lumber. From the number of car loads that leave the railroad yards daily, we should judge that the Marquette lumber dealers are getting rich faster than any others of our tradesmen.

main-40 from now until spring.

MR. WILLIAM RIVERS and Miss Trottier, of this city, were united in marriage last Sunday evening, by Rev. Father Hennes and the following morning the Rev. gentleman made Mr. Trottier. a brother of the bride above mentioned, and Miss Adeline Archambeau, one and Te same for better or for worse.

nooks now as if it was being built to stay, as the frame work of the structure is being veneered with brick. The building is so constructed as to be asily enlarged when occasion requirer THE round house of the D., M. & M.

Marquette, Mich. GENUINE Lake Superior winter In the civil work connected with his the mortgage, which has engaged the Rev. Dr's office he is equally efficient.

> THERE is no society for the prevention of cruelty to dumb animals in Marquette, but the law which forbids such cruelty should be enforced just the citizen to make complaint against any

one who is guilty of wanton neglect and cruelty to horses or cattle, but is ALBERT T. GRAY, of Houghton, is it not the duty of the officers of the

the stenographer of the circuit court in | law to make such complaints? MARRIED.

GIESREGEN-CUNDY -In this city, on Tuesday

evening, Jan. 11th, by the Rev. D. Stuart Banks, Mr. Adam Giesregen, of Marquette, and Miss Netalia Cundy, of Chocolay township. MR. ALFRED MEADS, editor and pro-The ceremony took place at the presbeen in the city during the week. Mr. byterian church early in the evening, Meads is on his way east accompanied after which the young couple repaired, with their friends, to the residence of ment, where the good time was had.

THE clothes that were taken from the line at the residence of Mr. Wallace, through the instrumentality of officer Dolf. The "lifters" have settled and enough to render the passage of teams their names will not be made public. are. What they are is already known,

and such thieves should not be shield-

POLICE COURT .- The examination of John Hocking, the dealer in scrap The excitement increased under every-vest." iron, etc., on the charge of receiving stolen property from one William Mc- can hardly conceive how in thunder she could

MR. John Scanlon, formerly founder | Combie, who was sometime since conat the Carp furnace, this city, left on victed for having stolen it, occupied most of the day last Tuesday in Justice to fill the position of founder, tempora- O'Keeffe's court. Prosecuting attorrily, during the absence of the perman- ney Adams appeared for the people, ent founder of the furnace at that and F. O. Clark, Esq., for the defendant. Seven witnesses were examined,

and after listening to the arguments of counsel, Justice O'Keeffe bound Hocking over to the April term of the cir- he tries to put a romance into verse he'll go cuit court in the sum of \$400, which he has furnished.

JACOB DOLF is his own successor as under sheriff, having been re-appoint-

ed to that position by sheriff Jeffrey, THERE is no danger of a coal famine last week. The appointment of Mr. on-Lake Superior this winter, as F. B. Dolf is certainly a good one. Detec-Spear & Co. alone have more than tive work has been his life study, and chough to supply the county of Mar- he is so in love with his profession that quette, even should the mercury re- he would be worse off than a cow on stilts in any other business. He has

filled the position so long and understands the details of the work so well that he will be valuable counsel to Mr. Jeffrey during the first months of his term, and while the business is strange to him.

LIST of letters advertised and remaining unclaimed in Marquette post-

office, Jan. 13th: Lindholm, Alfred Maimred, Thomas. McCarthur, John 2. McFeeley, Duncan. North, John. , John. D. Johanna Miss Pine, Paul. erreault, Francise.

"The queen of the dance went down through the aisle,

And the hearts of our boys thumped hard all the while :

When led to a bench to take a short rest, The wording is a little obscure to us, as we go down through the aisle and the poet say nothing about the hero who jumped in after. He should have sent a hero down through the aisle after her, and another to run for a physician to examine her anatomy for broken bones. Taking her to a bench was hardly natural under the circumstances, for it is hardly to be supposed that a young lady, after receiving such a fall, could stand the racket of so many sympathizing eyes. If that poetical Republic cuss will take our advice, the next time more into the details of the thing, or shut up altogether. We are really sorry for the young performed. The size of the building lady, and hope her injuries are not of a serious on the ground, is to be 160x80 feet, de-

ICE has formed on the bay this season almost unprecedentedly earlynearly, if not quite a month earlier than it has for several years, and the Marquette weather prophet, who is ever ready to give his opinion as to what's goin' to be, is predicting that the first boat from below will not reach here before the first of June. These men should not be allowed to give exthey know them to be true,

THE skating rink was fuller than a with triplet arched entrances from the crowded house last Wednesday even- street, and above this will be five stead. ing, the occasion being the well adver- arched windows to light the gallery. In many masquers, but the few who were triple arched windows, and between Blanchard, the third, a season ticket, lighted with triple arched and rose to master Fitzgerald and the fourth windows surmounted with gable and

39.478 -0.2 30.273 5.7 6 Fair Monday .. 30.061 10 Fair Tuesday.... 30.110 1.0 Wednesday 29 600 18.2 W 5 Clear. 8 Snowy Thursday ... 29.967 -12.2 NW 19 Cloudy Means.... 30.111 0.2 W

30.290 -1.0

...

Prevailing dir tion of wind

W

of

HIS

7 Clear.

ending Jan. 14, 1881.

DAY.

Amount of rainfall or melted snow, .23 in. Dash (-) denotes below zero.

METEOROLOGICAL SUMMARY FOR YEAR 1880. April 19 lighest temperature, June 22 Dec. 28 Mean " Prevailing direction of wind. 420 in inches. Number of days on which rain or snow SUMMARY FOR MONTH DEC., 1880. Mean barometer Lowest " Mean temperature. Highest temperature on the 5th. Monthly range of temperature. Greatest daily range of temp're, on 27th, Mean "Total rainfall or melted snow, inches.

blowing from

e	SW.	
e	S	
	CIP	
	SE	
8	E	
5	NE	
e	Calm	
2.5.1	COMPARATIVE-SUMMARIES FOR THE MON	TH
f	DECEMBER, FROM 1873 TO 1880.	
91	Mean temperature-	
e	1873	260
t		
•	1874	22 0
s	1875	260
	1876	170
r	1877	35.0
2	1878	28 9
-	1879	180
n	1880	190
	Highest temperature-	
d	1873	460
	1874	410
•	1875	50 0
1	1070	470
e	1876	
n	1817	55 9
	1878	40 9
e :	1879	449
2.	1850	38 0
g	1880. Lowest temperature-	
h	1876	60
	1874	-11:
e	1875	- 20
8.	1876	-180
t	1877	130
-	1878	120
r	1879	- 90
e	1880	-00.0
9	Amount of rainfall or melted snow -	
e	1873. (inches)	.0
	1874	0
	1072	0
	1875	
	1876	0.
e	1877	1
	1878	3
-	1879	6
A	1880	1
2 T 1		

Dash (--) denotes below zero.

L'ANSE,-'Twas 28 degrees below zero on Sunday night-the coldest night experienced | Prayers," by Miss Ella Manning. in L'Anse for many years.

Sheriff Shea has appointed his deputies, and Mr. E. D. Newton's new barn in Baraga is then took the ladies under his protection, as

Miss Ella Curtis, of the second primary school, has been ill during the week, and her place has been supplied by Mrs. R. M.

The following is a list of the jurors drawn for gins on the 25th inst. : Aryon township, John was awarded. The second prize, five ameter. A recess, projecting six feet Scales, Barney McCauley, Joseph Chosa, Frank St. Jacobs Oil in my family and recomdollars in gold, was given to master from either side of the church will be LaTreniers and Luther W. Giddings : L'Anse mend it to my acquaintances. It has

Thos. Corbett contemplates a trip to the range, and will probably return in a few days with his bride.

The following was the programme at the first session of the Literary association:

1. Quartette-"Sweet and Low," by Misses Carrie Pascoe, Jennie Warner and Messrs. Goodney and Roe.

2. Essay-"Michael Angelo," by Rev. Thos. Nichols. 3. Solo-"Dreaming of Home and Mother."

by Miss Annie Dower. 4. "Wreck of the Hesperus," by Miss Ida

Smith. This was very finely rendered, and received an abundance of applause.

5. "Are we a Nation?" was well rendered by Mr. Richard Williams.

6. Miss Sadie Johnston rendered "Passing Away," a fine selection, in a very effective manner.

7, Mr. A. A. Johnston gave a humorous reading entitled "A lost Irishman, or Jimmy Butler's adventures with an Owl."

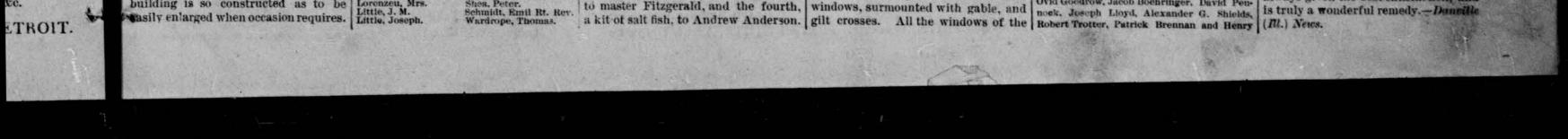
8. The "Soldiers Reprieve," by Maggie Corbett.

9. Solo-"I'll remember you Love in

10. Debate-"Resolved, that men have more taste than women." Prof. Northmore opened the remarkable taste of men. Mr. Gibson refined and superior taste of woman. Mr. Northmore was again called on, and with his remarks the debate closed.

The president of the association then remarked that he was "well pleased with the programme of the first evening, and hoped that those to follow would be as good," and the meeting adjourned.

JOHN STEIN, Esq., city brewer, referring to its valuable qualities said to a News representative: I have used



THE MARQUETTE MINING JOURNAL.

ANUARY, 1881.

INSURANCE AGENCY, OF

PETER WHITE, MARQUETTE, MICH.

INSURANCE .- Now is the time to insure your house, your life, your wife, your furniture, and "don't you forget it."

FIRE.-It is a poor time to insure after a fire has burned up all you owned worth insuring. Delays are dangerous.

FURNACES .- Two of the largest blast furnaces ever built, will be put up during this year in Munising township.

THE .ETNA, of Hartford, is a crack company to insure in. It has paid to eitizens of Marquette over \$135,000 for losses.

BUILDING .- Many new dwellings will be erected here during next summer. Two of them will be costly structures.

VACANT HOUSES .- Last April there were over a hundred tenantless dwellings in Marquette. Now there are but seven.

FARMING .- Over ten thousand people will settle on the line of the Detroit, Marquette & Mackinac railway during next summer.

CANARD .- An exchange says: "Streams all all over the country are running dry." This is a canard. When a stream is dry it can't run.

THE MUTUAL LIFE INSURANCE Co., of New York, is the largest life company in the known world. Read its advertisement on this page.

AVENUE .- The name of Ridge street is to be changed to "Clonmel Avenue." It is to have a public sewer in the spring, and the street is to be macadamized.

RAILWAYS .- Richard Grant White says there is no propriety in saying railroad; it should be railway. And he also says it is very absurd to call a railway station a depot.

LUMBERING .- The Northwestern Railway company have sold more timber lands in the vicinity of Marquette within the last haif of 1880 than during the previous six years.

STEAMSHIP .- The Inman steamship City of Rome, the largest and most perfect vessel in the world, will soon be ready to take her place in the line. If you would like to cross the ocean in her, go to the agency of Peter White and buy a ticket.

CEMETERY .- A new and handsome fence is to be erected around the park. south of the cemetery, during the coming spring; the pine grove is to be cut down and sold for cord wood, and many new improvements are contemplated in the cemetery grounds.

APPORTIONMENT .- Under the new apportionment the upper peninsula will be the 10th congressional district, and in 1882 all the voters in the dist vote for J in congre

taking the new issue. During 1881 the board,

as we learn, intend to pay off ten thousand

llars of the old bonds, without any further

re-issue. The income of the board from water D. H. WELLS, Ass't. Secretary.

rates has largely increased within the last Honges BRos., General Agents

FIRE, FIRE. MARINE ARINE

FIRE, MARINE FIRE,

MARINE

LIFE INSURANCE, LIFE INSURANCE,

ACCIDENT INSURANCE.

### Over \$300,000,000 Capital Represented.

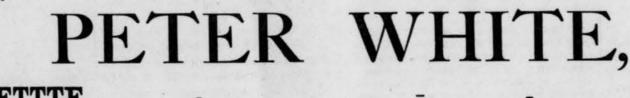
This Agency was established over a quarter of a century ago, and in that time has paid to the citizens of this city and county over

Three Hundred Thousand Dollars

Death, Fire, Storm and Accident.

OF LOSSES BY-

You can make no better or more acceptable present to your wife or those dependent on you for support, than a life or accident policy. No sane man forgets to secure a perity of the cities and towns of Marquette Fire Policy on his House and Furniture. Below will be found a list of the Companies large bonded debt, the rate of taxation is so high as to be almost prohibitory to the intro-Represented by



A GEM FOR EVERY MONTH.

[Boston Transcript.] JANUARY. By her who in this month is born No gem save Garnets should be worn; They will insure her constancy, True friendship and fidelity.

FEBRUARY. The February born will find Sincerity and peace of mind, Freedom from passion and from care, If they the Amethyst will wear.

MARCH. Who on this world of ours their eyes In March first open shall be wise; In days of peril firm and brave, And wear a Bloodstone to their grave.

APRIL. She who from April dates her years Diamonds should wear, lest bitter tears For vain repentance flow; this stern Emblem of innocence is known.

Who first beholds the light of day In spring's sweet flowery month of May, And wears an Emerald all her life, Shall be a loved and happy wife.

JUNE. Who comes with summer to this earth, And owes to June her day of birth, With ring of Agate on her hand, Can health, wealth, and long life command.

JULY. The glowing ruby should adorn Those who in warm July are born; Then will they be exempt and free From love's doubts and anxiety.

Wear a Sardonyx, or for thee No conjugal felicity: The August born, without this stone, Tis said must live unloved and lone.

SEPTEMBER. A maiden born when autumn leaves Are rustling in September's breeze, A Sapphire on her brow should bind-'Twill cure diseases of the mind.

October's child is born for woe, And life's vicissitudes must know; But lay an Opal on her breast, And hope will lull those words to rest. NOVEMBER.

Who first comes to this world below With drear November's tog and snow, Should prize the Topaz's amber hue-Emblem of friends and lovers true. DECEMBER.

DECEMBER, If cold December gave you birth— The month of snow and ice and mirth— Place on your hand a Turquoise blue; Success will bless what'er you do.

TAXES .- There can be no question but that the high rate of taxation is a blight upon the proscounty. In the city of Marquette, owing to its duction of manufacturing enterprises within our municipal limits. To be sure, the bonded debt was reduced in each of the years 1878 and 1879 ten thousand dollars, but we regret that there was no reduction in 1880. A few years ago we had a bonded debt of \$170,000, and a floating debt of \$10,000; the latter has been liquidated and the former has been reduced to \$150,000. Formerly the whole indebtedness ore interest at ten per cent. per annum, makear. Now, thanks to better management. one of our bonds bear a higher rate than even per cent., while a large portion of the onded debt only bears interest at six per entum. Thus, as can be plainly seen, we are ertainly getting in a better condition, but it so gradual and slow that the writer fears e may not live to see the dawning of that right day when Marquette shall be free of nunicipal debt. Negaunee is free from debt, all honor to her or that state of blessedness. We cannot, owever, award that city much honor for a ow rate of taxation. Ishpeming, too, we are told, has no muniipal or school district debt, and it would be n easy task for that city to ride triumphantly brough the next ten years with an aggregate nnual tax rate of one-fourth of what it was or 1880. County taxes could easily be reduced o one-fifth of the amount now annually raisd. "The poor we have always with us," but he money raised for poor purposes could with perfect propriety be diminished one-half, nd that class of population be taken care of ust as well as at present. GOVERNOR'S MESSAGE.-GOVERNOR Croswell s entitled to a gold medal for the brevity of is message just delivered. It is the shortest ver delivered by a governor of Michigan. In he brief space under the jurisdiction of this lepartment we could not give a review of it, ut we wish to say that we have carefully read nd digested the document and failed to find nything that our judgment did not commend. The following allusion to St. Mary's Falls Ship anal struck us with peculiarly melodious greeability : "The increasing business of this anal and its great importance to the commerial interests of Michigan as a part of the highvay from the greatest of lakes to the ocean renler it of the highest consequence THAT IT SHOULD BE UNTRAMMELLED BY TOLLS. I therefore reommond that it be immediately transferred to he UNITED STATES on condition that it remain orever free." We applaud to the echo ! If our nembers will diligently read some of the reiring governor's recommendations and act ipon them we will applaud them also.

part of th "broke u oughly th is himself A LIT minutes b treated to mine by t in the Inc enough to on his way few minut been enou neral of. in an abar at the time powder an cerine. T only be gu is that th the stove. done.

ANUAI

SINGU Thomas

land, wa ing Thu place wh fallen th killed, an

wise, is 1

operating

and the s

backwar

rock belo

and had

far as we

LIFE h

man at th

a telegran

er day. ]

of a trip

friends g boys abo

valise, b

minutes |

castles we

second d

stay at ho

FROM an of lighting tricity, in each light just com we learn th for each li compared ' light in c England an other mach remarkably any with w made. For duced, the far below which the used. It is mine, and in use pern property.

in the district, republican and democratic, will vote for Joseph H. Chandler for representative in congress. No one will oppose him. Brown, the mind-reader, told us this.	MARQUETTTE	,	
SAULT CANALThis is what the incoming governor Jerome says about the transfer of	THE PHŒNIX INSURANCE CO.,	FIRE ASSOCIATION OF PHILADELPHIA,	COMMERCIAL UNION OF LONDON,
the canal: "There being no obstacle now in the way of making the transfer, I recommend that the canal be placed in the hands of the United States government, on the conditions named in the act of congress."	of HARTFORD. "Fire Tried and Fire Tested." Cash assets,	Penn.	Fire assets\$17,000,00
DELAY NOT.—It may be that now, this month, an application for life insurance on your life would be accepted and next month it would be rejected—because "pneumonia has set in." Don't wait for so important a matter, but go immediately to Peter White, agent of the Northwestern Mutual Life Insurance company, and makeyour application.	Has paid losses in this county, over\$60,000 H. KELLOGG, D. W. C. SKILTON, President. Secretary. H. M. MAGILL, Gen'l Agent Western Department, Cincinnati, O.	Cash assets,\$3,800,000 WM. T. BUTLER, JACOB H. SEX, President. Secretary. WM. H. CUNNINGHAM, Gen'l Ag't., Chicago.	ALERED PELL, Manager U. S. Branch N. Y. Western Dept. Chicago C. F. MULLINS, Resident Secretary PETER WHITE, Agent.
MANUFACTURING A man told us the other day that he "had thought of something that could be manufactured here" in our city with advantage and profit," but said he "would not tell us what it was until it was ready to launch, a thing of life, upon the sea of strife !" We	PETER WHITE, Agent. The Ætna Insurance Company,	PETER WHITE. Agent. American Fire Insurance Co.,	THE RHODE ISLAND INSURANCE Association.
suggested mineral paint? Iron ore—bématite paint? "Better nor that," was his answer. CUSTOM HOUSE.—Mr. Hubbell will now put that appropriation for the United States court	Has Cash assets,	of Philadelphia, Pa. Incorporated, - 1810.	Composed of Five Companies, United Aggregate assets,\$1,700,00 PETER WHITE, Agent, Marquette
house and post-office edifice through Congress double quick. Senator Baldwin will see that the bill passes the senate when it gets there. As for Ferry he will neither favor or oppose anything for this part of his state. He spends all his time Coopering up a consul for Cadiz.	"The leading Fire Insurance Co. of America." L. J. HENDEE. I. GOODNOW, President, Secretary.	Cash assets,\$1,500,000 THOMAS R. MARIS, President, A. C. L. CRAWFORD, Secretary, WM. H. CUNNINGHAM, Gen'l Agent,	FIREMEN'S FUND INSURANCE Co., OF CALIFORNIA.
MARQUETTE, has the best city government of any city in Michigan. It has now the city affairs upon a cash basis—saved money and thus reduced taxation, but on looking over the list of expenditures up to this date, during	WM. B. CLARK, Ass't. Secretary. PETER WHITE, Agent.	Chicago. PETER WHITE, Agent.	Cash assets, July 1st, 1880. \$768,00 PETER WHITE, Agent,
the past year, we can see where more reduc- tions could be made and a greater saving re- alized, and have no doubt it will be done. We cannot do better than to re-elect the same set of men right over again.	THE HOME INSURANCE CO. OF N. Y. Wherewith to pay losses\$6,500,000 This Company has during the last	NATIONAL FIRE INSURANCE CO., HARTFORD, CONN.	DETROIT FIRE & MARINE INSUL ANCE COMPANY.
SLOPPING OVER.—A distinguished clergy- man said in a sermon, two Sundays since, that he believed in slopping over. He said "Woe to the man who makes no mistakes. I am sorry for him. If a man has a big bucket and only a pint of water in it, he won't spill it, but if the	24 years paid losses, Fire and Marine, through this Agency a little over	Available assets,\$1,200,000 MARK HOWARD, JAMES NICHOLS, President, Secretary.	Gross assets,
bucket is even full, can be help slopping over? I honor the man who slops over. He is a man of measures and magnitudes. They live in an illimitable expanse, and across their souls plays the quivering light of God."	J. H. WASHBURN, Secretary. PETER WHITE, Agent.	PETER WHITE, Agent.	PETER WHITE, Agent, Marquett
CATHEDRAL.—The new Catholic cathedral is to be built of brownstone, with slate roof, and will be as nearly fire proof as is possible.	HARTFORD FIRE INSURANCE Co.	LIVERPOOL AND LONDON AND GLOBE	MICHIGAN MUTUAL LIFE INSURANC COMPANY, OF DETROIT. MICH.
Prominent citizens, not connected with the Catholic church, have volunteered to contrib- ute liberally to aid the undertaking. As this is the "See of the Diocese of Marquette," an edi-	Assets, Three and a Half Million Dollars.	INSURANCE COMPANY.	Assets, Jan. 1, 1878
fice worthy of the city and the diocese should be erected. The name of Marquette is one that people of all denominations and shades	GEO. L. CHASE, President. J. D. BROWNE, Secretary. GEO. F. BISSEL, Manager.	Gross assets,\$28,000,000 WM. WARREN, Resident Manager,	JACOB S. FARRAND, President, JOHN T. LIGGETT, Secretar
of opinion love to commemorate and honor. RAILWAYThe D., M. & M. railway will be completed to Point St. Ignace by the first of	P. P. HEYWOOD, Ass't Manager. Western Depot, Chicago.	Chicago.	PETER WHITE, Agent, Marquett
September next, and a branch to Sault Ste. Marie will be in running order by January 1, 1882. An excursion train of nine passenger		PETER WHITE, Agent, Marquette.	NORTHWESTERN MUTUAL LIFE IN SURANCE CO., OF MILWAUKEE, WI
cars, besides four sleepers, will leave here for Detroit on the morning of Sept. 15, 1881. This train will be transported over the Straits of	Losses paid at this Agency, over\$75,000	Losses paid at this Agency\$50,000	Assets, Jan. 1, 1880, over, \$18,000,000.0 Surplus (over 4 per cent.
Mackinae on a large iron ferry steamer, now being constructed at the Wyandotte ship yard. The passage of the straits, with this powerful steamer, will be made in thirty-two minutes.	CONNECTICUT MUTUAL LIFE INSUR- ANCE CO., OF HARTFORD, CONN.	INSURANCE CO. OF NORTH AMERICA, PHILADELPHIA.	
WATER AND FIRE COMMISSIONERS.—This effi- cient board of commissioners have lately paid off \$10,000 of the matured seven per cent. bonds, and have issued in their place \$10,000 ten year six per cent. bonds. There was quite a strife as to who should have the privilege of raking the new issue. During 1851 the board.	ORGANIZED, - 1846, Assets, Jan. 1, 1879, \$48,179,128.34 Surplus,	Organized, - 1794. Cash assets,\$6,600,000 CHARLES PLATT, President. MATTHIAS MARIS, Secretary.	est receipts have exceeded its entit

JOHN M. TAYLOR, Secretary,

JACOB L. GREEN, President,

-	MICHIGAN.
MERCIAL UNION OF LONDON,	THE MUTUAL LIFE INSURANCE Co. OF NEW YORK.
ssets\$17,000,000	F. S. WINSTON, President. Assets,
LERED PELL, Manager U. S.	Surplus, by the Legal ) 11,141,041.04 Standard of N. Y. ) 11,141,041.04 MERRELL & FURGUSON,
h N. Y. Western Dept. Chicago. F. MULLINS, Resident Secretary.	General Agents for Michigan, Indiana, Illinois, Wisconsin, Iowa
PETER WHITE, Agent.	and Minnesota. Detroit, - Michigan. PETER WHITE, Agent, Marquette
E RHODE ISLAND INSURANCE Association.	North British & Mercantile
posed of Five Companies, United. gate assets,\$1,700,000	INSURANCE COMPANY, OF LONDON AND EDINBURGH.
ER WHITE, Agent, Marquette.	Incorporated - 1809.
EMEN'S FUND INSURANCE Co.,	Gross Assets over,\$35,000,000 CHAS. E. WHITE.
OF CALIFORNIA. assets, July 1st, 1880. \$768,000	CHAS. E. WHITE, SAM'L P. BLAGDEN, Managers.
ETER WHITE, Agent,	W. B. CORNELL, Sup't Western Dept. Chicago. PETER WHITE, Agent.
COIT FIRE & MARINE INSUR-	THE NORTH BRITISH & MERCANTILE Insurance Co. was organized in 1809, and is
ANCE COMPANY.	71 YEARS OLD. It does business in ELEVEN DIFFER- ENT COUNTRIES. It has received in FIRE Premiums up to January, 1880,
EB VAN HUSAN, President, J. J. CLARK, Secretary.	\$55,585,805.00 ! It has paid out for LOSSES by FIRE up to January 1880, \$33,012,294.00 ! It has withstood half a score of conflagra- tions without borrowing a dollar, cut-
CR WHITE, Agent, Marquette.	ting down its paid up stock, or sacrifie- ing an investment. It paid \$2,250,000.00 at "CHICAGO." and \$750,000.00 at "BOSTON."
IGAN MUTUAL LIFE INSURANCE	and \$860,000.00 at "ST. JOHN." Its annual Fire Premiums are nearly \$5,000,000.00. Its cash and invested fire assets exclusive of capital, were, Jan-
MPANY, OF DETROIT. MICH. s, Jan. 1, 1878	uary, 1880, \$9,264,569.24. Its net fire surplus on that day was \$5,207,900.18. The largest net fire surplus of any com- pany doing business in this country. The "North British" entered the United States in October, 1866. Their
JOHN T. LIGGETT, Secretary. ER WHITE, Agent, Marquette-	first agency in this department was placed at Chicago, in October, 1867. At the time of the "CHICAGO FIRE" it had only 300 agents in this country.
HWESTERN MUTUAL LIFE IN- NCE CO., OF MILWAUKEE, WIS.	Now IT HAS OVER 1200, and the Annual Premium Receipts of \$1,250,000.00.
Assets, Jan. 1, 1880, \$18,000,000.00	PERSONAL INSURANCE OF
Surplus (over 4 per cent.	Every Safe and Desirable Kind
ve),\$3,028,158.86 the past six years, 1874, 1875,	IN THE
1877, 1878 and 1879, its inter-	
ceipts have exceeded its entire	1 NSURANCECOMPANY,
losses and working expenses by \$70,000.000. This showing is	
alel in the history of Life Insur-	
	An all of the second seco

A gent in Lincoln township wants to know what "Mother Shipton's prophecy was, that he ees so much allusion to it." Here it is :

Carriages without horses shall go, And accidents fill the world with woe, Around the world thoughts shall fly Around the world thoughts shall n In the twinkling of an eye. Water shall yet more wonders do, Now strange, yet shall be true. The world upside down shall be, And gold be found at root of tree. Through hills men shall ride, And be home or as shall be ot bid. Through hills men shall ride, And no horse or ass shall be at his side. Under water men shall walk, Shall ride, shall sleep, shall talk. In the air men shall be seen In wh.te. in black, in green. Iron in the water shall float As easy as a wooden boat. Gold shall be found, and found In a land that's not yet known. Fire and water shall wonders do, England at last shall admit a Jew. England at last shall admit a Jew. e world to an end shall com

In eighteen hundred and eighty-one. The prophecy is said to have been made in the seventeenth century, and is also said to have been the work of a mischievous college student fifteen or twenty years ago.

OLD TIMES .- We promised last week that we would in some future number enlarge upon the reminiscences brought to mind by the discovery of some old MINING JOURNALS. A thought flitted across our mind that some of them might prove interesting, but the other day we met Doxtater, who alluded to our promise and said: "Dam it up; blot out the dead past! Give us the present, and not much of a stream of that even, but gurgle-rippleflow in a perfect torrent of the great future." A thrill of horror ran through our system, and we agreed that we would "dry up."

A NNUAL MEETING .- Notice is hereby 

on the Nor ped the brin for the time little const depended o rates. At can't afford the road, an sources of s will become the railroad to let up or latter \*clain their box e spare flat d that an effo ested partic to send a lot the division

make lower

THE incr

"Том," с Ishpeming the street th over to yer l with you? in our fam squallin' you a funeral a amount of that young anything thi gosh, there's any sleep the go with you. night-watch the streets a use complain to be peopled

got fur to ha old fellows. thing happen ni' then, you

tyle. Shirts, ( Wash sent on M urther particu he office of the

inded. Price zen. Apply t

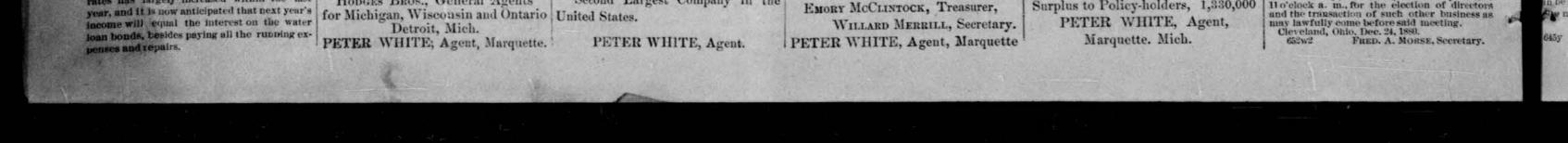
ill now infor overy, such as ughs, colds o l gleet ; also g under; also to e urine. Eve iaranteed to b

be obtained De nianaer by

COMET

ve entire satis

all-5,000 b horse dist HILES, veterin



H. L. PALMER, MATTHEW KEENAN,

EMORY MCCLINTOCK, Treasurer,

President,

Vice President.

ance.

Western Department, Erie, Penn.

Second Largest Company in the

J. F. DOWNING, Gen'l Agent



#### THE MARQUETTE MINING JOURNAL.

Gr

...........

Gross Tons. Mark

8,240

6.068

2.607

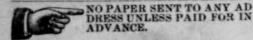
847

2.998

9,742

7,571 50

#### THE MINING JOURNAL.



SUBSC IBERS ordering their papers trans-ferred fr m one address to another should be careful to give the name of the postoffice to which the paper is being sent at the time, in order to secure prompt attention, as otherwise the mail clerk may have to search through the entire list to find the name.

PARTICULAR NOTICE.—The MINING JOURNAL will not be sent to subscribers after the expiration of the time subscribed and paid for, unless the subscription is renewed. Sub-scribers can always know when their subscrip-tion expires by comparing the number of the printed address on their papers with the corres-ponding number on their receipts.

27 All letters of a business character, such as advertisements and communications intended for the columns of this paper, should be ad-dressed to "THE MINING JOURNAL," and not to the editor personally, as is often the case. Only letters of a personal or confidential na-ture should be addressed to—A. P. SWINEFORD.

All advertising sent from abroad must be paid for in advance, whether coming direct from the advertiser or through an advertising agency. Orders from advertising agents will not be accepted, or receive any attention what-ever, unless based on our regular rates, less the usual commission and accompanied by the cash. This rule is imperative, and will not be departed from under any circumstances.

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

N. LONSTORF has disposed of his interest in the Humboldt lease to Cleveland and Chicago parties.

THE furnace at Menominee has been re-christened in honor of the town in which it is located. It will be known hereafter, as originally, as the Menominee furnace.

THE Union Iron and Steel Company, of Chicago, has purchased a lease on the Negaunee hematite range, adjoining the Baraga, and are also negotiating for other property in the district.

"No rogue e'er felt the halter draw, With good opinion of the law:" And so-

No Cleveland stock-shark ever saw A MINING JOURNAL, without a flaw-Touched in a tender place and raw. They do but read, and damn the editor's jaw.

the upper peninsula furnaces during the year 1880, toget We refer to those who having the approximate market value: been partially successful in perpetrating one swindle, are now concocting another, and who regard an honest newspaper in the light of the worst obstacle they can possibly encounter. The MINING JOURNAL can very well afford to merit the ill will and

enmity of the men who planned and THE following table exhibits the aggregate product of t helped to carry out the "Standard" al mines from 1856 to 1880, inclusive-a period of tw swindle. Nor is it at all to be won- years :

Name of Mine. Barnum	Gross Tons.	Value in Market.
Rarnum	24,522	\$ 232,959 00
Ressemer.		128,429 00
Boston	6,478	61,541 00
Breen		40,192 50
Cambria	6,958	48,706 00
Champion		1,067,809 50
Chapin	19 000	287,521 00 92,414 00
Cheshire	9 415	16,915 00
Chicago Cleveland	189 700-	1,803,090 50
Cleveland Hematite	19,949	139,643 00
Columbia, (Kloman)	6,663	46,641 00
Commonwealth		67,501 00
Cornell		261,298 50
Curry		184,798 50
Cyclops		119,654 50
Elmore		$3,626 \ 00$ 219,506 $00$
Emmet	12 026	97,552 00
Florence Foster	1 199	7,854 00
Goodrich	11.181	78.267 00
Howe	285	1,995 00
Humboldt	14.727	139,906 50
Indiana	2,268	15,876 00
Lackson		1,093,252 50
Keystone	10,217	97,061 50
Keel Ridge		86,220 00
Lake Angeline		$104,496 \ 00$ $1,873,228 \ 00$
Lake Superior	14 467	108,502 50
Lowell		74,936 00
Manganese	669	5,686 50
McComber		260,251 00
Michigamme	53,263	452,735 50
Milwaukie	13,142	91,994 00
Mitchell	13,297	93,079 00
National	29,351	278,834 50
New York		551,000 00
New York Hematite	2,192	$15,344 \ 00 \\ 1,479,637 \ 50$
Norway Palmer	29 508	366,662 00
Pendill	3.959	27,699 00
Perkins	49,196	418,166 00
Quinnesec		448,001 00
Republic		2,353,870 00
Rolling Mill	15,172	106,204 00
Saginaw	35,059	333,060 50
Salisbury	21,457	150,199 00
Section 12		2,310 00
Sterling		7,571 50 184,712 00
Stephenson		7.770 00
Taylor Vulcan	73,270	622,795 00
Watson		21,728 00
Wheat		23,261 00
Winthrop		316,729 00
Quartz	0.000	40,330 00
•	the state of the s	217 001 000 0
Total		\$17,261,023 0

Pioneer, (approximate)..... 18,000

Total...... 48,502

Menominee.....

Carp River.....

Deer Lake.....

Excelsior.....

Jackson.....

THE following table exhibits the entire output of the upper pen-

the approx-	ron by rail and lake via E	Iscanab	a, season of 1880:
in Manhat	LAKE SHIPMENTS.		LAKE SHIPMENTS
e in Market.	Angeline	13,258	Section 12
232,959 00	Angeline, hematite	1,670	Stephenson
128,429 00	Barnum	24,522	Sterling
61,541 00	Bessemer	17,944	Superior
40,192 50	Boston	5,604	Superior, hematite
48,706 00	Breen	5,359	Vulcan
1,067,809 50	Cambria		Watson
287,521 00	Whampion		Wheat
92,414 00	Chapin	31,161	Winthrop
16,915 00	Cheshire	13,202	
1,803,090 50	Chicago	2,415	Total
139,643 00	Cleveland	54,946	SHIPMENTS BY RA
46,641 00	Cleveland Hematite	7,454	Bessemer
67,501 00	Columbia	599	Chapin
261,298 50	Commonwealth	9.643	Cleveland
184,798 50	Cornell	30,741	Cleveland Hematite
119,654 50	Curry		Cyclops
3,626 00	Cyclops	13,462	Emmet
219,506 00	Deer Lake	497	Florence
97,552 00	Elmore	518	Ludington
7,854 00	Emmet		McComber
78,267 00	Florence	13,660	Mitchell
	Foster.		National
1,995 00	Voodrich	11 181	Norway
139,906 50	Green Bay	1 590	Quinnesec
15,876 00	Llowe		Salisbury
1,093,252 50		684	Stephenson
97,061 50	Indiana	65 229	Superior
86,220 00	Jackson.	91 052	Vulcan
104,496 00	So. Jackson	11 406	Winthrop
1,873,228 00	Keel Ridge		w munop
108,502 50	Lowell	14,467	Potal
74,936 00	Ludington	8,356	
5,686 50	McComber	17,215	
260,251 00	Michigamme	11,/10	Pioneer
452,735 50	Mitchell	9,104	Deer Lake
91,994 00	National		Carp River
93,079 00	New York	-51,831	
278,834 50	New York Hematite	2,192	
551,000 00	Norway	190,944	Quartz
15,344 00	Palmer	38,596	RECAPITULATIO
1.479,637 50	Perkins	49,196	Iron ore by lake
366,662 00	minnesec	50,483	Iron ore by rail
27,699 00	Republic	10,041	Pig iron by lake
418,166 00	Rolling Mill	14,488	Quartz by lake
	Saginaw	32,483	
448,001 00	Salisbury	21,298	Grand total
2,353,870 00	1		
106,204 00		0	
333,060 50	Ture following is an of	icial et.	atement of the amount
150,199 00		icial su	

-Cont.

21,083

73,961

60.718

22,455

.1,171,765

2,665

6.341

2.006

7.008

57,235

7,472

606

328

8,400

8,400

4.700

.1,171,765

1,242,100

ON

of ore and pig iron carried over the M., H. & O. R. R. for the year ending 2.310 00 December 31st, 1880

	Weight in Gross Tons.		Total
Names of Mines and Furnaces.	Lake.	Local.	weight in
	Tons.	Tons.	Tons.
McComber,	12,549	1	12,549
Rolling Mill,	S. S. M. Law	684	684
Milwaukee,	9,987	3,155	13,142
Edward Breitung,	669		669
Pendill,		3,959	3,959
Indiana,		55	55
Cleveland,	128,621		128,621
Lake Superior.	88,377	5,697	94.074
Lowthian.	13,881		13,881
Excelsior Furnace,		1,129	1,129
Saginaw.	2,576	Constanting of	2,576
Winthrop,	18,056	3.028	21,084
New Burt.	799		799
Mitchell,	3,882		3,882
Boston, (1)	6,478		6,478
Sterling, (2)	1,197	100 C 100 C 100	1,197
Humboldt,	14,727		14,727
	235,387	102 28 12	235,387
Republic, (3) Columbia Iron Co., (4)	6,169	464	6,633
Keystone,	10,217	404	10,217
Champion (5)	112.401	10	
Champion, (5) Michigamme, (6)	52,048	718	112,401
Taylor,	1,110	118	52,766
Carp River quartz,	3,366		$1,110 \\ 3,366$
Total ore,	722,497	18,889	741,386
Carp furnace,	5,215	73	5.288
Pioneer furnace,	2.270		2.270
Excelsior furnace,	502		502
Marquette & P. I. Co.'s furnace,		Salar and Salar	1,322
			1,000
Total pig iron,	9,309	73	9,382
Total ore and pig iron,	731,806	18,962	750,768
Of the above ore, reported in co	lumn of la	ke shipme	nts 33 496
tons was delivered to the Northw	estern com	nany at No.	1011100
follows :	cotorn com	pany at 140	gaunee, a
1 Boston,			5,88
2 Sterling,			1.19
3 Republic,			
4 Columbia,			59
5 Champion,			3 68
6 Michigamme,			
Total,			
	0		1.
		-	
ANNUAL	BEI	TEW	
ANNOAL	ILT: I	IL W	
	TTTT:		
	тнк		
IRON MINING AND OTHER INDUSTRIES OF			
UPPER PENINSUI	A OF N	ICHICAN	*
UTTER PENINSUI	IA OF M	ienigas	••

#### ANUARY, 1881.

ANU

down

been

plan

50 fee

to the

work

the e

prese

No.

was

at lea

wayt

years

is to

2 on t

protec

much

No. 4

but is

anoth

the fil

both :

the la

been

in the

the si

feet v

sever

conn

ing t

fifth.

main

there

better

for th

of op

other

the pi

cate

There

depos

in the

No.'s

ranke

penin

and t

anoth

right

acter.

and

The

engin

14x40

drills

one d

A 14x

use,

ery in

comp

Rand

const

accid

clude

gear o

all th

origin

drun

ing t

requi

Iron

V fri

tion.

out th

one e

half

ploye

are of

comfe

All

blasti

tram

thoro

in all

work

and t

excep

botto

night

only

ever.

of the

tuou

lamp

and

heavy

ing t

very

memb

nearly

to the

and (

The

der, th

in mit

the su

tion v

is held

and t

fact ti

SAR

first ti

in the

disapp

Mile.

voice,

GRE

MRS

THE

gressn

essent

which

more s

Money

shall 1

E. W

side t

The su

ing fro

THE

Сни

CIN

450 peo

THE

she is

17th of

The

The

STATEMENT showing total shipments iron ore, quartz and pig neys, to which reference will be made further along. The workings of the mine extend over a length of nearly 2,000 feet, within which distance there are seven working shafts, numbered respectively 336 1, 2, 3, 4, 5 and 7, and one known as A shaft, it having been the original intention to sink another half way between 5 and 7, to be known as No. 6. No.'s 1, 2 and 3 are in the north deposit, and No.'s 4 and 5 in the south, while No. 7 and A shafts, which are located at the extreme east and west ends of the workings, appear 3.104 to be in distinct and separate lenses. Both these last have been, to all appearances, exhausted. Neither are at present being wrought, though not less than 10,000 tons were mined from No. 7 before it was abandoned. In this last mentioned pit the shaft was sunk to a depth of 150 feet, the width of the ore at the first level being 16 feet ; but at a distance of 65 feet west from the shaft a diagonal crossing of rock was encountered, beyond which the diamond 12,495 drill failed to discover anything of value. East of the shaft on the same level the ore narrowed down to a width of only four feet, and on the next sever below the deposit played out altogether. The ground in the vicinity of No. 7 will be further tested with one 1.442 of Bullock's largest diamond drills, and it is scarcely possible that it can fail in finding other lenses, since surface pits show the same quality of ore for a distance of 300 feet west of the rock crossing at the west end of the pit. No. 7 is about 800 feet west of No. 5 shaft, 159 and between the two there is a run of ore about 30 inches wide on the surface, the intervening ground never having been explored to 12.552 any considerable depth. "A" shaft is about 450 feet east of No. 1, 1,708 and so tar as 108 nistory is concerned is a repetition of No. 7, and it is therefore hardly necessary to take it into account in describing the mine proper, though further explorations may eventually give it more prominence than is now anticipated. The main deposits in which the principal working shafts are located lap each other a short distance west of No. 3, the south deposit making a bend and forming a junction with the other so 4,700 that the two are practically united into one deposit. The general formation is unusually regular, the ore belt lying between the quartzite on the north and a metamorphic diorite on the south. These walls are from three to four hundred feet apart, the orebearing rocks between them consisting of chloritic and talcose schists and masses of banded ore and silica, the whole forming a highly inclined strata of uniform dip and strike. The ore occurs among these rocks in seggregations having the form of flattened lenses. Until a year or two ago mine work had been almost wholly confined to the deposits directly underlying and contiguous to the overhanging quartzite; at least such was the case until the discovery of two new lenses by the driving of a drift through what then appeared to be the foot-wall on the fourth level, from a point about 100 feet east of No. 2 shaft. These two last mentioned enses are known as the "South-east" and "Old Man's" deposits-

hough they come together and are practically one deposit on the fifth or 300-foot level. The writer cannot, however, give the reader anything like an adequate description of the underground workings, except the latter will consent to accompany him on an imaginary voyage of inspection through the various shafts and evels, with the genial Capt. Pascoe for a guide-or, he may follow the footsteps of the writer and permit his imagination to supply whatever there may be of interest which that individual fails to intelligibly describe. Descending No.3 shaft, on a succession of nearly perpendicular ladders, a distance of 480 feet, the writer examined as fully as his limited time would permit all that part of the mine accessible between No. 2 shaft on the east and the face of the stope on the fifth level west of No. 4. It should be stated that the distance between levels is 60 feet. The No. 3 shaft, therefore, is down and the skip-road laid to the eighth level, the shaft itself being 43 feet further down on its way to the ninth. The scene which presents itself on either side of the landing at the sixth level is one that the artist might net be able to sketch, as it certainly cannot accurately be painted in words. Looking off to the

east or west, the otherwise illimitable darkness is illumined by the

dered that such men should regard Mine. the MINING JOURNAL in the light of an enemy to the iron interests of Lake Superior-as they understand them. The MINING JOURNAL is an enemy to illegitimate speculation, which tends to the injury rather than the benefit of this district, and the Cleveland sharks may as well understand it. In this connection it desires to say that if a contemplated swindle now being matured by parties whose skirts are not wholly clear of the Standard fraud, is carried much further, it will not hesitate to denounce the scheme, but will most assuredly give the names of those engaged in it.

NEW MINING CORPORATION .- The Sterling Iron company was organized last week by the election of directors and the filing of articles of incorporation, as required by law. The principal subscribers to the capital stock are J. H. Outhwaite, Jno. N. Glidden, Charles Hickox, Thos. H. Brooks, D. Z. Norton, Stiles H. Curtiss, Harvey H. Brown, J. H. Carleton and Palmer & Johnson, of Cleveland, Ohio, Rhodes & Bradley and Reed & Breese, of Chicago, E. A. Wheeler, of Sharon, Pa., and Alfred Kidder, of Marquette. The directors are : Alfred Kidder, John Outhwaite, Jno. N. Glidden, D. Z. Norton and J. H. Outhwaite. At a subsequent meeting of the directors the following officers were chosen:

President-JOHN OUTHWAITE ; Vice President-JNO. N. GLIDDEN; Secretary and Treasurer-J. H. OUTHWAITE ;

General Agent-ALFRED KIDDER. The property of the company is that of the new and promising Sterling mine, adjoining the Boston on the west. The tract embraces 120 acres in fee and leasehold, upon which work has progressed a sufficient extent to give reasonable assurance of the development of a paying mine. The ore is of the same excellent quality as that of the Boston, though as yet but a small portion of the vein, which runs under a swamp to the west, has been opened. The company will, however, have several cargoes of ore ready for shipment on the opening of navigation in the spring, with a reasonable certainty of being able to increase its product as fast as other parts of the vein which undoubtedly extends across the tract on the east line of

Gross Tons. Mine. 5,472 Manganese..... Albion..... 9,347 Marguette ..... Allen..... Barnum..... 460,023 McComber.... 66,167 Michigamme..... Bessemer..... 6.478 Milwaukie.... Boston.... Breen..... 17.328 Mitchell..... 36,458 National. Cambria..... 829,174 New England..... Champion.... 33,826 New York. Chapin..... 79,730 New York Hematite ... Cheshire.... 6.039 Norway..... Chicago.... 129.696 Palmer..... Cleveland. Cleveland..... 2. Cleveland Hematite.... 45.895 Pendill..... Columbia (Kloman).... Commonwealth ..... Cornell. Curry..... Cyclops..... Elmore. . . . . . . . . . . . . . . . . Edwards. . . . . . . . . . . . . . . . . Emmet..... Excelsior . . . . . . . . . . . . . . . Florence.... Foster..... ioodrich..... Howe..... Humboldt..... Iron Mountain..... Jackson ..... Keel Ridge.....

Lowell.....

Ludington....

Name of Furnace.

70.875 Perkins..... 9.643 Quinnesec..... 30,741 Republic.... . . . . . . . . . . . . . 34,544 Rolling Mill..... 66.263 Saginaw ..... 518 Salisbury..... 223,500 Section 12..... 11.897 Sterling..... 13,936 Stephenson..... 112,403 Steward..... 31,361 Taylor.... 26,022 Vulcan ..... 459,193 Watson ..... 18,341 Wheat. ... ............ 2.057,493 Winthrop..... 11,496 Sundry mines (not now 60,856 working)..... Keystone..... Lake Angeline..... 507,633 Quartz..... Lake Superior. . . . . . 2,404,221 14,467

8,816 Total,.....15,309,132

This table shows the aggregate product of pig iron from the Lake Superior furnaces from 1858 to 1880, inclusive :

ame of <b>F</b> armace.	0.00 1 0.000
'ioneer	. 154,541
orthern	
ollins	
lichigan	
reenwood	. 40,202
ancroft	
hampion	
Deer Lake	
ackson	. 113,731
av	. 50,706
lunising	
race	
acific.	
scanaba	100 C
Excelsior	
arp River	. 21,278
Ienominee	
liff	
	. 0,-00
70-4-1	. 790,277
Total,	. 180,211
-0-	

THE following is a statement in gross tons of the aggregate product of the mines and furnaces for each year since 1856, together with the value of the same :

YEARS.	Ore.	Pig Iron.	Ore and Pig.	Value.
1856*	86,319		86,319	\$ 258,957 00
1857	25,646		25,646	76,938 00
1858	22,876	1,629	24,505	133,788 00
1859	68,832	7,258	76,080	575,529 00
1860	114,401	5,660	120,061	736,496 00
1861	114,258	7,970	122,228	775,832 00
1862	124,169	8,590	132,759	984,977 00
1863	203,055	9,813	212,868	. 1,416,935 00
1864	247,059	13,620	260,679	1,867,215 00
1865	193,758	12.283	206,041.	1.590,430 00
1866	296,713	18,437	315,150	2,405,960 00
1867	465,504	30,211	495,715	3,475,820 00
1868	510,522	38,246	548,768	3,992,413 00
1869	639,097	39,003		4,968,435 00
1870	859,507	49,298		6,300,170 00
1871	\$13,984	51,225	865,209	6,115,895 00
1872	948,558	61,195	- and the second of the second	9,188,055 00
1873	1,195,234	70,507	1,265,741	11,395,887 00
1874	935,488	86,494		7,592,811 00
1875	910,840	81,753		5,788,763 00
1176	993,311	61,911	1,055,222	5,397,785 00
1877	1,025,129	29,685		5,299,598 00
1878	1.125,093	17,404	1.142,497	6,884,432 00
1879	1.414.182	39,583	1.453.765	11,413,114 00
1880	1,975,602	48,502	2,024,104	19,201,103 00
Total	15 900 190		10.000 100	2117 001 500 00

THE CHAMPION MINE

Is situated in the south half of section 31, town 48, range 29, and i owned by the Champion Iron Company, which was organized under the general mining law of the state, in August, 1869, with a capital stock of \$500,000, with shares of the par value of \$25 each. The original shareholders were Joseph S. Fay, of Boston: Edwin Parsons, of New York ; T. C. Foster, of Cambridge, Mass., and S P. Ely and Peter White, of Marquette. The first opening was made in 1867, though very little was done in the way of mining or exploration until the following spring, when, just as the first cars were being loaded, the burning of the docks at Marquette caused the suspension of operations until the following October, in which month the first shipments were made. Since then the output of the mine has been as follows : Gross Tons

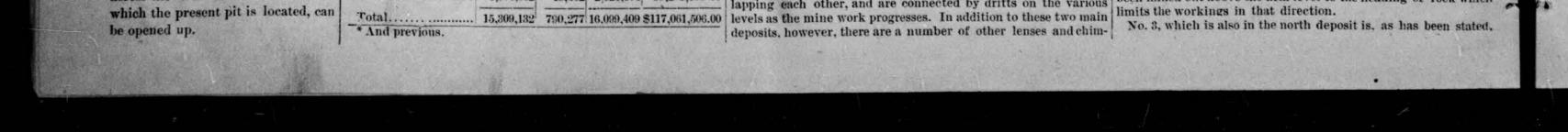
lear.		trioss Lons.
1868	 	6,255
1869	 	21,535
The second state and the second state of the s		
		TO DO FOR DESCRIPTION TO THE POST OF THE P
		Charles a sector a sector se
1000	 	

Total..... 830,476 The Champion location lies at an altitude of at least 100 feet above the main track of the M., H. & O. railroad, a branch of which, nearly one mile in length, affords the necessary shipping 6.938 00 facilities. The first discovery of ore at the Champion was made 3,788 00 by Hon. Edward Breitung, in 1867, soon after which work was commenced in a magnetic deposit some distance east of the present mine workings. This deposit was, however, soon after abandon-4,977 00 ed and operations commenced at a point further west, where the .935 00 needle gave unmistakable evidence of the presence of a large body of pure ore. Subsequent examination so far corroborated the testimony of the dip-needle as to warrant the adoption of a perma-820 00 nent and regular system of underground work, and the fact that 2,413 00 the mine comes to the front at the close of her thirteenth year with a product considerably in excess of 100,000 tons, and nearly 20,000 ,895 00 greater than that of any previous year, shows that the earlier man- ney," which is a lens of ore nearly 100 feet long and 60 feet wide at 8,055 00 agement was perfectly correct in its judgment as to the value of 5,887 00 the then new and but partially developed property. The formation at the Champion has an east and west trend, and

3,763 00 17,785 00 dips about 80 degrees to the north, though in some places the vein 9,598 00 or lenses appear to be enclosed between nearly perpendicular walls. 14,432 00 There are two main deposits of ore-one known as the north, and ore remaining above the fifth, in the "Old Man's deposit," and the 3.114 00 the other as the south deposit. These occur in the form of lenses, 01.103 00

rays thrown from the lamps of the miners on the seventh and eighth levels, 60 and 120 feet below, and but for which, together with the music of the hammer and the incessant clatter of the power drills, one would almost imagine himself on the brink of a bottomless pit. Gazing at the weird scene, while the breath that left us some distance up the ladder is catching up, we renew the descent and finally land among the miners on the bottom level. To the right and to the left and far above us the lights are dancing about in the apparently far off distance, and following our guide we reach a stope east of the shaft where a blast has just thrown down large masses of ore and a party is at work block-holing, sledging and tramming it away to the skip. Then, after taking a look at the ground west of the shaft, where but little stoping has yet been done, pacing off the distance between walls and ascertainingthe width of the deposit to be at least fifty feet, we again ascend the ladder to the seventh level, from the landing of which we wend our way around an immense pillar left to support the walls, thence through one of the numerous drifts or chambers, over a huge pile of broken ore, up a ladder against the face of a high stope, pick our way over a narrow path around the edge of a dark abyss below, and so on until the exploration is completed and we are ready to make our exit through No. 4 shaft. Altogether, it is a work of several hours to make even a casual inspection of the part of the mine referred to, and when the task has been accomplished, a person not accustomed to that sort of sight-seeing has obtained very little, if any, knowledge of the mine, other than a general idea of its immensity. The miner's lamp, which he carries on the front of the hard hat with which he is supplied before entering the mine, enables him to see but a short distance ahead, and it requires a close scrutiny to arrive at anything like a definite idea of the character of the ore or the nature of the walls; in fact, by the time the novice has reached the bottom he has lost the points of the compass, and it is only by a close study of the company's map or diagram of the ground plan and under-ground workings of the mine after coming out, that he is able to form a correct estimate of what he has seen, or more than a general idea of where he has been. He sees immense stopes, thirty, forty, fifty feet wide and sixty feet high, great chambers from which the ore has been removed and into which he gazes with as little penetration as if looking into illimitable space itself, encounters large pillars of ore. left standing the entire width of the vein for the support of the walls, in other places great buttresses on either side and is finally completely lost in a net-work of drifts and tunnels which connect the outlying and smaller lenses with the main workings. All he knows is that he is at the bottom of a great mine, that he sees a great deal of ore of the best quality, and that the sooner he gets out the better he will be pleased with himself and his guide. However, the writer is not wholly a novice, and consequently can spend a few hours in such a mine with profit to himself, if indeed, he shall not be able to describe all he sees therein in a style that will be intelligible and interesting to the general reader. No. 1 was exhausted at a depth of a little over 100 feet and has

been abandoned. Consequently the principal part of the product is raised through No.'s 2, 3, 4 and 5, from the main part of the mine, which extends over a length of about 1,000 feet east and west, and embraces what are known as the north and south deposits. No. 2 shaft is down to the fifth level-300 feet, at which point the average width of the deposit is 26 feet. A cross-cut 110 feet east of the shaft from the north deposit, on the third level, passed through 12 feet of rock into a lens of pure ore, which, so far as worked out, has carried a width of about 30 feet, and is 100 feet long. At the east end of this lens, which is called the southeast deposit, the ore is split by a horse of rock, beyond which it has not been followed to any great length on either side. On the fourth level a similar drift south taps the same lens, which at that depth is found to connect by a narrow leader with the "Old Man's deposit" lying immediately to the west of it. On the fifth level a drift just east of the shaft connects with what is called the "Chimits widest part. The ore falls away to a narrow compass at the east end where it connects with the "Old Man's deposit;" but taking these three lenses together, we have here a run of ore 250 feet in length and from 18 to 60 feet in width. The south-east deposit has all been mined out above the fourth level, there is no "Chimney" is down to the sixth. East of No. 2 all the ore has lapping each other, and are connected by drifts on the various been mined out above the fifth level to the heading of rock which



#### RY. 1881.

e workings

ithin which

respectively

ig been the

and 7, to be

leposit, and

, which are

ngs, appear

have been,

esent being

from No. 7

he shaft was

ne first level

shaft a diag-

the diamond

the shaft on

ly four feet,

altogether.

ted with one

ossible that

ow the same

crossing at

No. 5 shaft,

nes wide on

explored to

ast of No. 1,

f No. 7, and

n describing

ntually give

afts are lo-

e south de-

he other so

The general

between the

the south.

art, the ore-

and talcose

e forming a

e ore occurs

of flattened

been almost

l contiguous

se until the

rough what

from a point

mentioned

" deposits-

posit on the

er, give the

inderground

him on an

shafts and

e may follow

on to supply

al fails to in-

sion of nearly

er examined

of the mine

face of the

stated that

t, therefore,

shaft itself

The scene

at the sixth

#### [ANUARY, 1881.]

down to the eighth level-480 feet. At this point a winze has been sunk on each side of the shaft in accordance with the general plan of the mine, thus making ready two stopes 60 feet high and 50 feet wide. East of No. 3, the ore has all been mined out down to the seventh level; west of it, however, there is at least a year's into the smallest possible dimen- prove of any effort looking to the exwork remaining on that level, while the east and west stopes on sions ?

the eighth may safely be depended upon for a large product the present year. A drift south from a point a short distance east of No. 3 shaft on the fith level, struck a narrow lens of ore which was found to be about 60 feet long, but which on the sixth level is at least double that size. In the meantime No. 3 shaft is on its way to the ninth level ; the system which was adopted two or three years ago being to confine all the sinking to this point. The plan made 14,672 tons of pig metal. She is to carry the stopes each way from this shaft to and beyond No. 2 on the east, and to No.'s 4 and 5 on the west, leaving pillars to protect the skip-roads, and others so arranged as to break joints as much as possible in order to secure the walls. The skip-road in No. 4 is therefore not confined to the shaft below the fifth level. but is dropped as fast as the ore is worked out from one level to another. This last mentioned shaft terminated at the bottom of the fifth level, below which all the ore has been stoped away on both sides of it down to the sixth, the skip-road being dropped to thing but efficient management, it the latter point on the foot-wall. West of No. 4 shaft a cut has been made between the north and south deposits on the fifth level, in the latter of which, mine work is being done from the fifth to the sixth levels, where there is a stope at least 60 feet high and 75 feet wide, while an equally large stope can be obtained on the seventh level by simply sinking a winze and driving the necessary

connecting drift. No. 5 shaft is down to the fifth level and sinking to the sixth, while mining is in progress from the fourth to the fifth. It is, perhaps, unnecessary to say more concerning these main deposits than, that so far as the writer was able to observe, there has been no change in the past two years, except for the better-there being at the present time more ore in sight waiting for the drill and blast than at any time since the commencement of operations. From all he could see the writer could draw no they will take our advice they will other inference than that it would be a comparatively easy task, in the present condition of the mine, for the management to duplicate the present year the very gratifying product achieved in 1880. There are in the ground embraced in the so-called north and south deposits a number of stopes which will equal anything to be found in the district, with the single exception of those to be seen in No.'s 4 and 5 of the Republic. The Champion may therefore be ranked among the foremost of the great iron mines of the upper peninsula, and we shall miss our guess if, with a profitable market public. and fair demand for her product, she does not, at the close of another season, give further and more conclusive evidence of her right to the position here accorded to her.

The machinery at the Champion is of the most elaborate character, and consists of six 7-foot drums in the No. 1 engine house, and tour 5-foot drums in No. 2, the latter not now being in use. The 7-foot drums are driven by two 20x40 Ryder valve cut-off engines, of 250-horse-power. Attached to these engines, are two the inmates were roasted to death. 14x40 compressors which furnish compressed air to the power drills in all parts of the mine. There is also in the same building. one duplex Rand compressor, with 10x20 air and steam cylinders. A 14x20 engine operates the drums in No. 2 engine house, when in use, and a 14x22 Hodge engine supplies the power to the machin- two others. ery in the carpenter and machine shops, both of which last are complete in every particular. There are eight Waring, fifteen Rand and two Ingersoll power drills, twenty of which are kept constantly at work, the other five being kept in reserve in case of accident. The large plant of machinery in No. 1 engine house includes a power pump attachment, operated by means of a 12-foot scoundrel-and there isn't profane adall the pumping, even in the wettest seasons. This plant was of a villain he is, if he lied about it. originally built and fnrnished by the Delamater Iron Works, the tion.

By the way, who was the Cleve- that the whole grant had been forfeitland bear recently sent up here to ed. The whole upper peninsula will hug and compress a certain mine

PIONEER stack No. 2 was blown any of the lands. out last Saturday after a continuous run of nearly eighteen months on one hearth, during which time she will be blown in again as soon as supplied with a new hearth.

be sold at chancery sale, at L'Anse, by him with due-bills of the M. & P. March 2nd. In the few years that the Spurr was wrought, under anyyielded very nearly 150,000 tons of ore. We believe it to be a property worthy the attention of capitalists.

UNSUSPECTING Cleveland capitalists will do well to keep their eyes peeled for an attempt at a repetition of the Standard swindle. The the company was extinguished when sharks they have long had among he received the goods on his due-bills, them, and their coadjutors are quasi and that his mere authorization to residents of the iron district. If buy nothing outside of Republic debt against a stockholder. The MINstock that may be offered by any person who was even distantly con- much about the law of the case, but it nected with the Standard-not even does know that this decision is in perif he be secretary and treasurer of a mine ten times as large as the Re-

EUGENE HALE, who seems very anxious to get the Maine senatorship, is said to be worth \$2,000,000.

THE county poor house at Dover, N. H., was destroyed by fire on the after- ing to \$44,552 78. The operating expenses for noon of the 7th inst., and tourteen of the year were \$23,437 34. The revenues have

A BOILER explosion took place in The state indebtedness incurred on account of Balbach & Son's smelting works, Newark, N. J., which resulted in the death of four men, and in seriously injuring \$48,684 75. In July last I was officially advised

It was scarcely necessary for Mrs. Christiancy to pronounce the Giro let-

complaint against her. Edil Giro may similar story, even if true. He's evidently one of the kind who will never

join in the effort to secure such action, but very few will, we apprehend, aptinguishment of the titles of persons now holding government patents to

THE MARCUETTE MINING JOURNAL.

In the case of John Dacey vs. Luther Beecher, the supreme court has reversed the decision of the court below and remanded the case for a new trial. This was a suit brought by E. H. Mead & Co. against Mr. Beecher, as a stockholder of the Marquette & Pacific Rolling Mill company, to recover the value THE Spurr mine is advertised to of the goods sold to Dacey and paid for R. M. Co. Mead & Co. claimed to hold the due-bills, along with a large number given to other parties and upon which suit was also brought, as collateral security for goods sold-that the due-bills were, in fact, merely assigned

> to them by the laborers in the employ of the company, and were therefore valid labor claims against the company, for which the stockholders were individually liable. The supreme court holds that Dacey's claim against Mead & Co. to collect the amount due upon them, cannot fairly be said to tend to show an assignment of a labor ING JOURNAL doesn't pretend to know fect accord with the principles of justice and equity.

Gov. CROSWELL, in his farewell message made the following reference to the St. Mary's Falls ship canal:

The largest amount of business ever accomplished by the St. Mary's Falls Ship Canal has been done the present year. A tonnage aggregregating 1,734,890 tons passed through it, from which a gross revenue was received amountnot increased in proportion to the business on account of a reduction in the rate of tolls. the canal has been paid, and there is now standing on the books of the state treasurer to the credit of the canal fund the sum of that congress had passed an act authorizing

the secretary of war to accept a transfer of the canal from the state to the general government. I laid the communication before the ters forgeries. If the fellow swore to Board of Control, which upon mature considthe truth in his examination, he's a eration determined that in view of the then nearness of your session and of the importance of the proposed act, it was best that the legisgear driven by a pinion on the main shaft, which is sufficient to do jectives enough to emphasize the kind lature consummate the transfer. At the time the board received notice of this action of the general government, it had arranged for the con-SEVENTY-FIVE pounds of powder struction of a guard gate at the lower entrance drums having the V friction gear with an intermediate shaft driv- exploded in a store at Climax, Mich- to the canal and for certain other necessary days. ing the drum by a tooth pinion. It did not, however, meet the igan, last Tuesday. It was a little one repairs, and had purchased therefor a large requirements of the mine, and was subsequently remodeled at the for a cent, but bereft the store of its amount of stone and other material, which has Iron Bay Foundry, and Merritt's interior gear substituted for the true inwardness, and seriously, if not been delivered ready for use. It is important V friction, since which time it has given the most perfect satisfac- fatally, injured nine persons, all the once, that the repairs may be made without same. A coroner's inquest should in- delay, and the canal fitted for operation before The average number of men employed at the Champion through- quire for what purpose seventy-five the opening of navigation. A considerable pounds of powder is kept outside a amount of personal property is owned by the state and used in connection with the canal, an inventory of which has been made that you EDIL GIRO testifies that he was crim- may judge whether all or only a portion should inally intimate with Mrs. Christiancy, pass by the act of transfer. The increasing as charged in the aged nincompoop's business of this canal and its great importance to the commercial interests of Michigan as a part of the highway from the greatest of lakes the heirs at law of said deceased, and all other to the ocean render it of the highest consetell the truth-if he does he proves to the ocean render it of the highest consehimself to be a most precious scoun- quence that it should be untrammelled by tramming, each party having a separate contract. The most drel, worthy of nothing but the con- tolls. I therefore recommend that it be immetolls. I therefore recommend that it be imme-diately transferred to the United States on condition that it remain forever free. In view of the fact that the canal not only never cost the state a cent, but ac-cording to the governor's own showing has been a source of revenue to the ex-tent of the amount of cash and person-tent of the amount of cash and persontempt of those who would never tell a diately transferred to the United States on tent of the amount of cash and person-(A true copy.)
Marquette, three successive Marquette, three successive to said day of hearing. EDWARD S. HARDY, Judge of Probate. \*1994 al property on hand, it would be pre-THE Duluth Tribune occasionally sumptuous on the part of the legislasays a good thing-none better than ture to stipulate any conditions upon tuous drifts and around the brink of yawning pits without even a the following, which applies with which the improvement shall be transferred. The government provided the We like Uncle Alex. Ramsey-yea, we almost means with which to build the canal love the good old father of Minnesota, and our | in the first instance, and the state, beheavy sledge as, perhaps, the merry jest goes round, without envy-ing them their physical strength, great power of endurance, and though some men were infernally lop-sided in the first instance, and the state, be-ing either unwilling or unable to provery apparent contentment. Many of them are devout church their mental calibre, when they howl, and vide for its subsequent necessary enmembers, not a few much more than ordinarily intelligent, and howl about how much we owe to Ramsey for largement, by act of legislature ceded Wholesale Dealers in Imported nearly, if not quite, all sober and upright citizens, who are a credit public services rendered, etc. We know of it to the general government in order to whole families who are just dying to do as secure the large appropriations which to their adopted country-most of them being natives of Sweden much as ever "Bluff Alec" did for Minnesota, have since been made. It is now only The local management of the mine is in good hands. Mr. Kid- much for them as she has done for Mr. Ram- a question whether the state shall carder, the resident agent, has had many years of practical experience sey. That ery is thin-we might say, devilish ry out in good faith its part of the agreement. It is noticeable that the THE Lansing Republican states what governor makes no recommendation as it knows to be untrue when assuming to what disposition shall be made of to give the reason why the MINING the surplus fund. Will the legislature JOURNAL refused to continue an ex- turn that, together with the personal change of publications. The Republi- property on hand at the canal, over to can printed a one-sided and wholly the general government to whom it false statement concerning the editor more rightfully belongs than it does to of the MINING JOURNAL, and then not the state ? If not, the upper peninsula only lacked the courtesy to give his delegation ought to unite in the deversion of the same affair, but wilfully mand that the whole amount, every misconstrued his words into something | dollar of which is the surplus accumuelse. The editor of the MINING JOUR- lation of an indirect tax on the mining NAL can stand as many hard knocks as industries of Lake Superior, be approany one-but he doesn't care to con-priated to the benefit of the people from tinue fraternal relations with those whom it has been extorted. The upwho cannot treat him with common per peninsula has no state institution courtesy, especially in matters in which of any kind; a branch prison would they are not personally interested. save its people thousands of dollars annually; a normal school, or a school of THE committee on public lands of mines, or both, ought to be located in this part of the state, and the canal fund, together with the amount for which the personal property can be sold, if both are not transferred to the steaders and occupants of lands within government along with the improvement, cannot honestly be applied by Money which, among other things, provides that a money order bought and paid for. That is certainly fit of the people from whom it was collected. The canal surplus, cash and personal property, belongs of right to the upper peninsula, and its members should make a determined effort to have it so appropriated. CHRISTIAN OLSON,

E. S. HARDY.

AS.

GREAT

Clothing

larquette

vercoats, Suits, orders Stock! House!

FURNISHING GOODS! AT AND

Grand Closing Out Sale!

OF ENTIRE STOCK OF

AND

## BELOW COST!

pring

In order to make room for a large

AT

h, as it cering off to the mined by the seventh and ch, together atter of the e brink of a breath that , we renew ottom level. are dancing g our guide just thrown oling, sledgaking a look ing has yet ascertaininggain ascend ich we wend walls, thence a huge pile h stope, pick abyss below. are ready to s a work of part of the lished, a perbtained very eral\_idea of on the front entering the id it requires idea of the by the time oints of the my's map or kings of the ect estimate where he has eet wide and has been retration as if pillars of ore apport of the and is finally ich connect ings. All he nat he sees a oner he gets guide. Howtly can spend if indeed, he tyle that will feet and has the product nain part of feet east and nd south det, at which ross-cut 110 third level, e, which, so . and is 100 d the southnd which it le. On the which at that "Old Man's fifth level a d the "Chim-) feet wide at npass at the

eposit;" but

in of ore 250

outh-east de-

there is no

sit," and the

ll the ore has

1

out the year is about 350. The location, which, as we have said, is one of the prettiest in the district, embraces 181 buildings, about magazine, anywhere in Michigan. half of which belong to the company, and the other half to employes. Some of these are very neat and tasty residences, and all are of a most substantial character, presenting an appearance of comfort and contentment rarely seen in a mine location.

All the mine work is done on contract by miners who do the blasting, block-holing and sledging, and trammers who do the thorough order and system prevails in all departments, and work in all parts of the location progresses with the regularity of clockwork. The force is, of course, divided into day and night shifts, and the work never stops nor the driving wheels cease to revolve except on the Sabbath. There is practically no day or night at the bottom of the Champion-or, we might more properly say, it is all night in the shafts and chambers, since it is all darkness, relieved only by the weird flickering of the miners' lamps. The men, however, who are brawny, muscular fellows, appear to know every inch of the ground, and can, apparently, find their way through the torlamp to guide their footsteps. A person cannot see them at work, equal force to all public men : and note the will and cheerfulness with which they wield the and Cornwall.

in mining affairs, while as a practical miner Capt. James Pascoe, the superintendent, has no superior anywhere. His long connection with the mine is ample proof of the appreciation in which he is held by the company-the present splendid condition of the mine and the gratifying results attained bear ample testimony to the fact that such appreciation is well bestowed.

SARA BERNHARDT appeared before a Chicago audience for the first time, on the evening of the 10th, inst. The theatre was not in the least crowded, and those present seem to have been greatly disappointed over the dramatic features of the performance. MHe. Bernhardt, it is said, is far from handsome, but has a fine voice, great, brilliant eyes, and a singular charm of manner.

GREENFIELD, the famous wife murderer, is to be hanged on the 17th of February, at Syracuse, N. Y.

MRS. CHRISTIANCY, wife of senator Christiancy. is so ill that she is permitted to see only her family and attendants.

THE Michigan Legislature has decided to spoil a very good congressman to make a very poor senator. Senator Baldwin being essentially an honest man, is to be retired from the position in which he could, by reason of his exalted character, have been of tonagon and state line land grant, which more service to the state than any other man within its borders.

A BILL has been introduced in the House by representative the original grant which have been

THE dead body of Charles Rabe. traveling salesman for built, but are opposed to the ouscing E. Wittman, wholesale cigar dealer of Chicago, was found beside the Michigan Central railroad track near Kalamazoo, Mich. The supposition is that he was thrown from the train while passing from one car to another.

THE Erie, Pa., car works turn out 16 cars a day.

CHICAGO has seven type foundries, which give employment to 450 people.

provided Minnesota will agree to do half as

That is all there is of it.

the House of representatives have decided to report a bill restoring the Onwill at the same time protect homethe only honest course the government can take. We want to see the road of parties who have bought and paid for lands before the board of control conferred the grant upon the company which now proposes to undertake the work. Its corporators knew the exact status of the grant before accepting it. and their proper course would have

Nortz.-The above sale is postp ned sixty ays. 645:f and allowing such account, and that the next of kin, and all other persons interested in

side estate, are required to appear at a session of said court, then to be holden at the probate office, in the city of Marquette, and show cause, if any there be, why the said account should not be allowed: And it is further or-[First publication Dec. 25, 1880.] ATE OF MICHIGAN, COUNTY OF MAR-S QUETTE, ss. At a session of the probate court for the county of Marquette, holden at the probate office in the city of Marquette, on the probate office in the city of Marquette, no Monday, the twentieth day of December, in the year one thousand eight hundred and eighty, present Hon. Edward S. Hardy, judge of probate. In the matter of the estate of Ros-anna Sampson Dunn, a miror, Peter White, the unardian of the estate of and minor, and the state of marquette on works or each occurring the rest of the state of the second the state of the state of the state of the in the MINERG JOURNAL, a newspaper printed and circulated in said county of Marquette on works or each occurring the rest of the state of the second the state of the guardian of the estate of said minor, comes into court and represents that he is now pre-pared to render his annual account as such guardian, and has filed the same for approval and allowance. Thereupon it is ordered, that Monday the seventeenth day of January, next, at ton colors in the termined for

at ten o'clock in the forencon, be assigned fo examining and allowing such account, and that o appear at a session of said court, then to be nolden at the probate office, in the city of Mar-quette, and show cause, if any there be, why the said account should not be allowed; and it of protects.

and Domestic

WINES,

CIGARS,

DWYER & Co.,

(A true copy:) E. S. HARDY. 650w4 [First publication Jan. 1, 1881.] STATE OF MICHIGAN. COUNTY OF MAR-OUETTE, SS. At a session of the probate court for the county of Marquette, holden at the probate office, in the city of Marquette, on Tuesday, the twenty-eighth day of December, in the year one thousand eight hundred and eighty. Present, Hon. Edward S. Hardy, judge

torenoon, be assigned for examining and al-lowing such account, and that all persons in-terested in said estate, are required to appear at a session of said court, then to be holden at the protote office, in the city of Marquette, and show cause, if any there be, why the said ac-court should not be allowed: And it is further ordered, that said guardian give notice to the persons interested in said estate, of the pend-ence of said second, and the bearing thereof. persons interested in sind estate, of the pend-ency of said account, and the hearing thereof, by causing a copy of this order to be published in the MINING JOURNAL, a newspaper printed and circulated in said county of Marquette, three successive weeks previous to said day of hearing. EDWARD S. HARDY, Marquette of Perduce

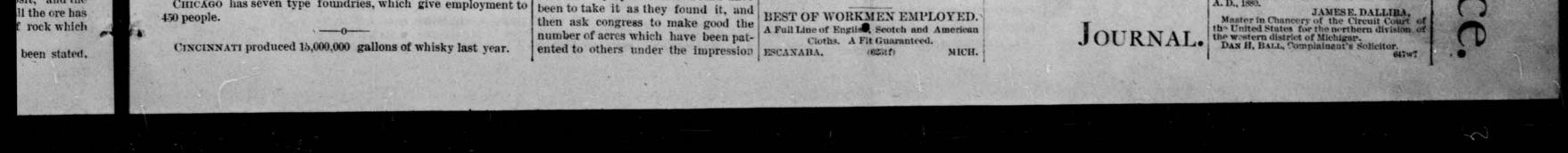
(A true copy.) E. S. HARDY. 650 650w

(A true copy.) P. S. HARDY. 650wi (First publication January I, 1881.] CHANCERY SALE.—In the circuit court for the county of Marquette, in chancery, william P. Healy, complainant, vs. Ryron M. Colwell, Addie B. Colwell, William J. Ray, and the Bank of Ishpenning, detendants. Notice is hereby given that in pursuance of a decree of the said court, made and entered in the above entitled cause on the tenth day of April. A. D. 1878, I. James E. Dalliba, a circuit court commissioner in and for the county of Mar-quette, Michigan, will sell at public anction to the highest bidder, on Thesday, the fit-teenth day of February, A. D. 1881, at ten o clock in the foremoon, at the front door of the court house, in the city of Marquette, in the court for said county is held,) all that certain piece or parcel of land situate and being in the city of Ishpening, in the county of Marquette and state of Michigan, known and described as lot number eighty-one (8b), in Nelson's original plat of the village (now city) of Ishpening, as recorded in the registry of deeds of said coun-ty of Marquette, Mich., December 30, 1880. Mass E. DalLIBA, Circuit Court Commis-sioner, in and for Marquette county, Michigan, W. P. HEALY, Complainant in person. 650w7 lquors

Smokers' Articles, Etc

The Largest Liquor Establishment on the Upper Peninsula!
 JAMES DWYER & CO., Front Street,
 MARQUETTE, (EST) MICHIGAN.
 SUBSCRIBE
 FOR THE
 MINING
 MINING

Dated Marquette, Michigan, December 9th, A. D., 1880. JAMESE, DALLIBA, Master in Chancery of the Circuit Court



MERCHANT TAILOR!



ciety ha per and ter's ha 20th. I will be socially the price small s doubt b with peo realize a MR. I an imm plying l ing and few day flesh h dispose livered. judge through that are tion of 1 need of tisement

A TER frightful the mine time, ha day even one of th the ladde the surf: he was bottom, feet. H scious s where a At the ti yet living scious at since his three pla tured. ]

and this

#### J. G. REYNOLDS, Sec'y and Sup't Norway, Mich. son of buckwheat cakes. patience the result.

Contraction of the

#### THE MARQUETTE MINING JOURNAL.



sales-0., of

1881.

once

chop-

corner.

little

come

a very

ing the

public

Nelson

ted so

private

ndina-

e. At

vedish,

in the

e have

d resi-

H. De-

Divine

) years

he had

he last

is fun-

of this

a resi-

isiting

weath-

urn to

days.

nce he

none

e pro-

e boys

hs, or

packs

drive

10 are

in the

p both

wn to

en the

aordi-

egrees

eather

was a

tic re-

stove

year's

trips

in the

past.

ade in

n any

ient of

n that

nce of

duced

ng in

o for-

argest

i, and

ow, is

full.

Tip-

, met

work

ity of

shing

ne of

as to

ppetts

ho his

ippled

rtain-

first-

thing

st not

nstrel

vears

nateur

d one,

lioned

part in

atters.

at the

is left

e drill

jam-

verely

tation

inger,

y and

s not

been

three

n · the

rofes-

mber-

and

music

three

art so

ough-

ls will

mus-

k his

be a

nouse.

an he

armer

e pro-

e him

m his

e mo-

g to

with

rts.

MICHIGANME .- Had weather for the thermometers-they can't keep up with it. The one at the company's office indicated 45 degrees

below zero Monday morning at 6 o'clockweather which caused very many frozen ears, noses, etc., in our village, and made the small boy howl as he hastily meandered his way to school.

The dry at the mine is now heated with steam from the engine house.

"Those girls" who stote the candy from the Christmas tree belonging to the Scandinavian Sunday school will avoid much embarrassment by returning the same, or offering an apology. Charles Oleson, the Swede who was injured

in the mine last week by being struck in the breast by a falling crib, is said to be rapidly

amuse the boys- and for their lager beer and hash.

Ed. Richards and Pat. Berry are endeavoring to keep the pitcher-the gentlemen's prize at the fair-in Michigamme, and it is said Dame Fortune smiles on them sweetly thus far.

explorations.

Con. D. Shea, sheriff of Baraga county, came to Spurr Monday, for the purpose of summoning jurors, appointing a deputy, and to post up notices of the sale of the Spurr mine.

The ice on the lake has recently opened in sundry places, and the water has overflown to such an extent as to compel the teamsters to unload their wood in "mid ocean," the horses being unable to navigate with a load.

Mr. Erricson, one of our enterprising [wood contractors, brought home this week a beautiful span of horses, which he was necessitated to purchase in order to successfully carry on his constantly increasing business.

Notwithstanding the extreme severity of the weather of late, our main street is, literally covered with foot-ballists every evening, and they are not all boys either. The other even-Ing George Block told them : "Now, oph you teuvils make pust my glass vindow some more py grashus I make dot so hot for you vellers you tink Hell ish yone icepoat.'

As per announcement, the Literary Club convened last Saturday evening, and after electing officers for the ensuing quarter, the question for discussion, viz : the elective franchiss-was argued pro and con, and the judges decided to conclude, or concluded to decide, that as the question appeared to them, as shown by what some might be pleased to call argument, it would not be advisable for the ladies to assume the elective franchise just yet; and then it was James who caused the vast assemblage to melt with his "wait a little while." After an oration, depicting the immense benefit to be derived from such an organization, and showing how lamb-like innocence and tranquillity and brotherly love-not forgetting the sisters-should ever fill to bursting the bosoms of all the members, a question was chosen for next time-something about Nature's knowing more about beauty and such than Art ever dured to-when the benediction was pronounced amid tears, and the multitude quietly wended its soveral ways homeward, to meet again at the tolling of, the gong next

#### ITEMS OF INTEREST.

A Philadelphis judge has decided "an asser-tion of sobriety is one of the delusions of in-toxication, and reasoning the thing logically, when a man insists that he is sober it is pretty good evidence that he is drunk."

A FINE THING FOR THE TEETH. A FINE THING FOR THE TEETH. Fragrant Sozodont is a composition of the purest and choicest ingredients of the oriental vegetable kingdom. Every ingredient is well known to have a beneficial effect on the teeth and gums. Its embalming or antiseptic prop-erty and aromatic fragrance makes it a toilet laxury. Sozodont removes all disagreable odors from the breath caused by catarrh, bad teeth, etc. It is entirely free from the injurious and accid properties of tooth pastes and powders which destroy the enamel. One bottle lasts six months. months.

A young man who had been sont by a New improving. There have been a couple of individuals in town the past week without any estensible business, except that of playing a cornet to

60,000 BOTTLES SOLD.

The above number of bottles of Frizelle's Blo d Purifier have been sold on the Pacific coast alone without one dollar being spent for newspaper advertising which is sufficient evi-dence of its intrinsic value. The Purifier is now sold by all denotity in the sufficient is w sold by all druggists in the east as well as n the west

John Milroy and James McFarland, of Spurr, have been summoned as jurors for the next term of the circuit court of Baraga county, which is to convene the rear end of this month at L'Anse. The diamond drill at the mine is being placed in working position at the bottom of No. 5 shaft, where they contemplate making further explored for name should have been Endymion, as he could set around as long as any son she ever saw Chicago girls are not always cultured, but they can bring a man to the scratch every time.-Chicago Tribune.

CO" Wm. H. Pallen, Fowlerville, Mich., says: "I have not rested better for months than I did last night. The 'Only Lung Pad' has help-ed me wonderfully."—See advertisement.

#### FUN WITH THE BOYS.

The News of one week later date continues to boom for Seymour for the speakership of the state house of representatives. We'd like to be around and see the News hold its breath while it counts all the votes its candidate got -for it's all over now. The News evidently hadn't heard of the loss Mr. Seymour exper enced while crossing the Straits:

The work on the canal improvements has been progressing very satisfactory during the week, the weather being all that could be dewerk, the weather being and that bound be de-sired. The rock excavation is being rapidly done, and the pier on the south side of the ca-nal commenced. This is a part of Mr. Barker's contract. Mr. Noble has commenced the ex-cavation for the guard gates, and has a large force of men employed.

We regret to learn from the News that the health of the Rev. Edward Seymour is somewhat precarious.

We learn that there is some prospect of wood pulp mill being started in this county be-fore long. Those Murray, of Sailor's Encamp mult is the moving spirit in the project. We ment, is the moving spirit in the project. We sincerely hope he may be able to get the enterprise in operation, as it would give a market for a large quantity of the very best material for pulp making, the poplar wood. The wood can be obtained so cheap here that we have no doubt the business would prove ex-

#### THE MAROUETTE MINING JOURNAL.

[First publication Jan. 15, 1881.] NOTICE OF CONDEMNATION. To Charles NT. Harvey, James M. Wilkinson, the North-ern Iron Company, Frank B. Spear. Assignce of the Northern Iron Company, the Harvey Harbor Company, Pierre W. Wildey, Walter E. Field and Thomas B. Bryan, and all other per-sons having or claiming to have any tills to or sons having or claiming to have any fille to or in the land hereinafter described and sought to be acquired, or any portion thereof: Take Notice that on the twenty-sixth day of Febru-ary, A. D., 1881, at ten o'clock in the forenoon, a petition in behalf of the Detroit, Mackinac and Marguette Relieved Company, will be proand Marquette Railroad Company, will be pre-sented to the Probate Court for the county of Marquette, at the Probate Office in the city of Marquette, at the Probate office in the city of Mar uette in said county, for the purpose of acquiring title to a strip of land one hundred feet in width, being fitty feet on each side of the center line of the railroad track of said company, for a roadway, as laid out across the following tracts of land in said eounty of Mar-quette, to-wit: The northeast quarter of the northeast quarter of the northeast quarter of Section one, in township forty-eight, north of range twenty-five west, being a parcel of land forty rods square in the northeast e-mer of said section, and section six, in township forty-seven north of range twenty-four west, in ac-cordance with the map thereof filed in the office of Register of Deeds in said county. An appli-cation will be made to said count on a filing of said petition at the time aforesaid, or as soon cation will be made to said court on a filing of said petition at the time aforesaid, or as soon thereafter as counsel can be heard, for the ap-pointment of three commissioners, as provided by statute, to ascertain the necessity of taking and using said property by said company, and to determine the damages or compensation which ought justly to be made by said company to the nersions owning or interested in said which ought justify to be made by said company to the persons owning or interested in said lands, at which time and place you can if you desire, appear for your interest in the premises. Dated, Marquette, Mich., January 14th, 1881. DAN H. BALL, Attorney for the Detroit, Mackinac and Mar-quette Bailroad Company. 652w6

[First publication Jan. 15, 1881.] CHANCERY SALE.—In pursuance and by virtue of a decree of the circuit court for the courty of Baraga, in chancery, made and entered on the 24th day of December, A. D. 1880, in a certain cause therein pending, 1 which William B. Wesson, Emory Wendell and Alexander H. Adams. Instances are complete Alexander H. Adams, trustees, are complain-ants, and the Spurr Mountain Iron Mining company, Freeman Norveli and School District company, Freeman Norveil and School District Number One of Spurr township are defendants. Notice is hereby given that on Wednesday, the second day of March, A. D. 1881, at nine o'clock in the forenoon of that day, at the front door of the 'wilding in the village of L'Anse in which the circuit court for the county of Bara-ga shall then be held, I shall sell at public auc-tion to the highest bidder, the following pieces or perceis of lead signated in the township of for hor to the night store of the following pieces or parcels of land situated in the township of L'Abse, in the county of Bargar and state of Michigan, known and described as the south half of the northwest quarter, and the north half of the southwest quarter of section twen-half of the southwest quarter of section twen-ty-four (24), in township forty-eight, (48) north of range thirty-one (31) west, known as the Spurr Mountain Iron Mine, together with the hereditaments and appurtenances thereunto belonging, or in any wise appertaining, and all the houses, buildings barns, stores, shops trestles, railroads and switches, docks, tramcars, skips, skip roads, engines, bollers, pumps, heisting gear and machinery and mining plant used in the operation of said iron mine upon said premises, and belonging to said Sporr Mountain Iron Mining company, or to said Freeman Norvell as assignce of said Spurr Mountain Iron Mining Company, Dated January II, A. D. 1881. THOMAS M. BRADY, Circuit Court Commissioner for Baraga

county GEO. H. LOTHNOP, Solicitor for Complain 652w7 ants.

sincerely hope he may be able to get the en-terprise in operation, as it would give a market for a large quantity of the very best material for pulp making, the poplar wood. The wood can be obtained so cheap here that we have no doubt the business would prove ex-tremely profitable. Wait for the railroad, Mr. News-everything comes finally to those who wait. With a rail-way and your water power improved, capital seeking investment in manufactures will seek you out as naturally as a duck takes to water. The magnitude of the work which has been accomplished, since the first commencement of the work on the St. Mary's Fall's Ship Canal, and what there is to do to complete it, can be work can be seen now better tunn at any other [First publication December 4, 1880] ¬HANCERY SALE.—In the circuit court for ANCERT SALE. -- In the circuit court for the county of Marquette, in chaocery, ohn Crowley, complainant, vs. Marlow H, Procker, Mary N, Crocker, Egbert J. Mapes and James M, Wilkinson, defendants, Notice and James M. Wilkinson, 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 sixth day of De-cember, A. D. 1879, I, James E. Dulliba, a cir-cuit court commissioner in and for the county of Marquette, Michigan, will sell by public vendue to the highest biddler, on Tuesday, the eighteenth day of Jenuary, A. D. 1881, at ten o'clock in the forenoon, at the front door of the court house in the city of Marquette, in the county of Marquette and state of Michigan, (that being the place where the circuit court for said county is held.) all that certain piece ieces or parcels of land known and described s follows to-wif: The south-east quarter of the south-east quarter of section twenty-two (22), and the south-west quarter of the south-west quarter of section twenty-three (23), in township forty-eight (48), north of range twen-ty-five (25) west, in the city of Marquette, in said county of Marquette, and state of Mich-



attract attention to our stock of Teas, and in this column we wish to remind the public that we are in a position to offer finer Teas at moderate prices, than any other establishment in this section. We have a new 60-cent mixed Tea which is worthy of trial MURRAY

**Robbins'** Coffees are the strongest and finest flavored that can be prepared, and all who do not now use them should lose no time in commencing. They cost but little more than the trash usually sold n packages, and are infinitely better. Always fresh and pure. URRAY & ROBBINS.

verybody knows

that Murray &

ADAPTED FOR BURNING ALL KINDS OF FUEL.

Buy the Best. 24

M. n. Midivillane a Co.

ny disinterested person who is posted will acknowledge that at Murray & Robbins' you can always purchase good goods and get full value for your money. Our stock is always well assorted with the best the land affords. Fall and Winter goods COMING DAILY. Oysters, direct from Baltimore. 689 MURRAY & ROBBINS.

BI

And

Bird

taney

65:

De

but go

in the

Low r

manu

wold.

Benef

IN

651tf

PE

LA

PE

\*\*6

PE

Re

tains :

Musie

ways f

Watch

CONK

absolu

silver

Yo

Organ

LIN.

TH

US

AG

SL

from

E. G.

York

Now i

ply yo

marke

beam

They v

any (

loose

pende

is sure concas

sidewn

keep o

beavy

ranted

will do

fore by

Allord

637tT

C. 1

Repu

Gran

day a

arrive

last T

MR.

York

morro

Тн

recent

been 1

cord o will b

longer

MIND

propri depen

TIL.

pletec

ring t

reason

JUD

week

pects.

fice th

DEN with a

lumbe

which

THE

wagor Mill fu

Easter

ТШ

chand that p

finishe

built.

compa

fantry

Taft,

pensio

JOH

I. V

AD

GEN

bad p

gest th

ing ev

100

TE

Send for Pamphlet DESCRIBING Air Compressors Rock Drills, Now in use in the Calumet & Hecla, Quincy, Pewabic, Franklin, Atlantic, Osceola, Re-public, Champion, Michigamme, Lake Superior, Iron Cliffs Co's Cleveland, and other mines in the Lake Superior mining region. 21 Park Row, N. Y. {601-yr } Rand Drill Company.

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

> Prospecting, mining, shafting, tunneling, draining, quarry-ing and sub-marine blasting. The accompanying cut repre-sents my new drill, "The Little Champion," for shafting of underground prospecting. This machine has ALL OF MY LATEST IMPROVEMENTS.



[ ANUARY, 1881.

time.

appertaining, at L'Anse, March 2nd, 1881.

Over a foot of snow fell Wednesday night. The boilers at the engine house are now being supplied with water from ithe lake as pit No. 6, from which the supply has previously been obtained, yields an insufficient amount.

J. Vandeventer. M. D., gave a ball for the benefit of his friends last Wednesday evening, which was largely attended and muchly enjoyed by all who participated.

We are reliably informed that Mr. S. Kinney has been instructed to procure legal aid in the contested tax-suits.

He took an old horse and cutter And his girl. and went out for a ride, hough the plug was asiblind as a bat, And had two ribs lost out of his side.

They soon lost the roads altogether, Crossed the lake and went over a mount-Traversed four counties all over. Then he shot the old horse in the snout.

He then drew the whole of that business All the way back into town, And said, "I'll bed-if ever before Such luck in my life I've found.

Says he'll cutter ride now on the R. R., Whene'er he goes out for a stroll, And begs people never to mention, This sad tale of poor Amel;-----

WISE WORDS OF A WILLING WIT-NESS .- At the close of a mass meeting, doesn't. A natural harbor, with no railroads published in a La Grange paper, reference was made to the phenomenal efficacy of St. Jacobs Oil in the many painful diseases to which mankind is subject. We refer to the above as showing how strong a hold the Old German Remedy for Rheumatism has on the experience and good wishes of the great public .- Walla Walla Watchman.

The second secon

state of Michigan. Dated Marquette, Mich., January 13, 1881. JAMES E. DALLIBA. Circuit Court Commissioner in and for Mar quette county, Michigan. 652w7 DAN. H. BALL, Complainant's Solicitor.

CHICAGO, January 4, 1881. THE Annual Meeting of the Stockholders of the Michigamme Company, for the pur-pose of electing a Board of five Directors, and for transacting such other business as may be presented, will be held at the business office of said Company. Room No. 9. Metropolitan flick, LaSalle Street, in the City of Chicago, flinois, on Wednesday, January 26, 1881, at 11 relock A. M.

Many people hereabouts were made glad Monda, last by a notice which sherriff Shea posted up at Spurr on that day, advertising the sale of the Spurr Mine and all thereunto apoettaining, at L'Anse, March 2nd, 1881. The Episcopalians have purchased an eligible

lot upon which to erect a church edifice, probably next summer. Mr. Chandler, from whom the lot was puchased, donated another one adjoining it for a parsonage.

The "Soo" masons are agitating the question of erecting themselves into a lodge. There was a lodge in the place in 1853, the records and jewels of which are still in the hands of Mrs. O. B. Lyon.

L. P. Trempe contemplates putting upper works, with cabins and state rooms on his steamer Ste. Marie, with a view of putting her on the route between the Sault and Mackinac and Cheboygan, next summer. It would be a paying route, especially if the line could be made a daily one.

ASHLAND.-Wm. R. Durfee, Esq., will "hold the fort" as editor pro tem of the Press while brother Fiffeld is absent at Madison attending to his senatorial duties. Senator ! when that district wakes up to its best interests its people won't call 'on Sam Fifield to represent them in the State Legislature-they'll send him to congress where he beiongs. It's too cold to go a fishing. Hence ciscos are scarce.

The two Presses (Ashtand and Bayfield) are trying to settle the question which of their towns has the best "natural" harbor. It doesn't matter much how the question is settled-one stands a chance of being made a point on the great, through line, and the other

according to the report of the same to bring business to it, won't amount to much **THE GREAT** Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains,

Tooth, Ear and Headache, Frosted

No Preparation on earth equals S7. JACOES OIL as a safe, sure, simple and cheap External Remedy. A trial entails but the comparatively triffing outlay of 50 Cents, and every one suffering with pain can have cheap and positive proof of its

Directions in Eleven Languages. SOLD BY ALL DRUGGISTS AND DEALERS

Dated Marquette, Mich., January 4, 1881 JAMES E. DALLIBA, Breuit Court Commissioner in and for Mar-quette County, Michigas. W. P. HEALY, Complainant's Solicitor. 651w7

[First publication December 25, 1880.] CHANCERY SALE — In the Circuit Court for the county of Marquette, in chancery, Fitz J. Bosworth, Bedford B. Hopkins and Ed-ward C. Hopkins, complimants, vs John Crow-ley, Jordan Giles and Robert G. McCorkle, de-646.57 ey, Jordan Giles and Robert Grant that in pur-endants. Notice is bereby given that in pur-uance of a decree of the said court, made and the above entitled cause on the entered in the above entitled cause on th ninth day of April, A. D., 1880, I, James F ninth day of April. A. D., 1880, I. James E. Dalliba, a circuit court commissioner in and for the county of Marquette. Michigan, will sell, at public auction, to the highest bidder, on Tuesday, the eighth day of February. A D. 1881, at ten o'clock in the forenoon, at the front door of the court house in the city of Mar-quette, in the county of Marquette and state of Michigan, (that being the place where the circuit conrt for said county is held,) all that certain piece or parcel of land situate in the ciry of Marquette, in the county of Marquette and state of Michigan, known and described as follows, to-wit: The south half of lot num-ber one di of block number ten (10), in Har-low's addition to the village (now city) of Mar-quette, a map of which addition is recorded in the office of the register of deeds for the coun-ty of Marquette, to which reference is hereby made.

Dated Marquette, Mich., December 23, 1880. JAMES E. DALLIBA, Circuit Court Commissioner in and for Mar-

puctie County, Mich. DAN. H. BALL, Complainants' Solicitor.

649w7

First publication Jan. 1, 1881.] STATE OF MICHIGAN, COUNTY OF MAR QUETTE-ss. At a session of the orobate court for the county of Marquette, holden at the probate office, in the city of Marquette, on Wednesday the twenty-ninth day of December, in the year one thousand eight hundred and eighty. Present, the Hon. Edward S. Hardy, judge of probate. In the matter of the estate of Mary, Thomas, John. Bridget, Annie, Kate, and Cornelius Clune-minors. J. C. Morse, the guardian of said minors, estate, comes into court and represents that he is now prepared to render his annual account as such guardian, court and represents that he is now prepared to render his annual account as such guardian, and has filed the same for examination, ap-proval and allowance. Thereupon, it is order-ed, that Monday the 24th day of January next, at ten o'clock in the forenoon, be assigned for examining and allowing such account, and that the next of kin of said minois, and all other persons interested in said estate, are re-quired to appear at a session of said court, then to be holden at the probate office, in the quired to appear at a session of said court, then to be holden at the probate office, in the city of Marquette, and show cause, if any there be, why the said account should not be allow-ed; and it is further ordered that said guared; and it is further ordered that said guar-dian give notice to the persons interested in said estate, of the pendency of said account, and the hearing thereof, by causing a copy of this order to be published in the MINING JOUR-NAL, a newspaper princed and circulated in said county of Marquette, three successive weeks previous to said day of hearing. EDWARD S. HARDY, (A true copy) ARD S. B. Probate. Judge of Probate. 650w4.

(A true copy.) E. S. HARDY. SAWING MADE EASY. A boy 16 years old can saw off a 3-foot log in two minutes,

F Steries Our new portable Monarch Lightning Sawing Machine rivals all others. 550 cash will be given to two men who can saw as fast and easy in the old way, as one boy 16 years old can with this machine. Warranted. Circulars sent Free. Agents wanted. MONARCH LIGHTMING SAW CO., 163 Randolph St., Chicago, Ill.

or parcel of faud situate in the city of Ne-gaunce, Marquette county, Michigan, known and described as lot number thirty-nine (39), nd seven (7) feet off the west side of lot num-ber forty (40) in "Iron," being a subdivision of that part of the village (now city) of Negaunce that part of the vinege (how city) of Negaunce included in the northwest quarter of the south-west quarter of section six (6), in township forty-seven (67, north of range twenty-six (26 west, a map of which is recorded in Liber "F" of deeds on pages 455 and 466.

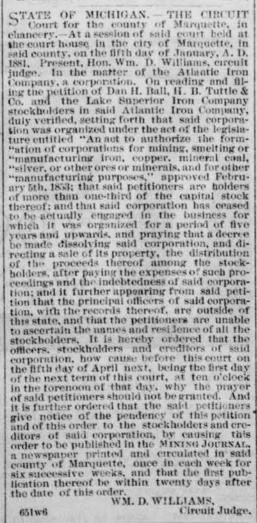
Dated, Marquette, December, 4, 1880 JAMES E. DALLIBA, Circuit Court Commissioner in and for Mar-Directit Court Contained puette county Michigan. W, P, HEALY,

Complainant's Solicitor.

(First publication Jan. 1, 1881.) UTE OF MICHIGAN, COUNTY OF MAR-

OUETTE, ss. At a session of the probate court for the county of Marquette, holden at the probate office, in the city of Marquette on the probate office, in the city of Marquette on Tuesday, the twenty-eighth day of December, in the year one thousand eight hundred and eighty, present, Hon. Edward S. Hardy, judge of probate. In the matter of the estate of George R. Farrar, et al., minors, M. R. Man-hard, the guardian of said minors, estate, comes into court and represents that he is new prepared to render his ensuel account as comes into court and represents that de is now prepared to render his annual account as such guardian, and has filed the same for ex-amination, approval and allowance. There-upon it is ordered, that Monday the 24th day of January next, at ten o'clock in the forenoon, be assigned for examining and allowing such account and the the next of kin of said minors account, and that the next of kin of said minors and all other persons interested in said estate and all other persons interested in said estate, are required to appear at as ession of said court, then to be holden at the probate office, in the city of Marquette, and show cause, if any there be, why the said account should not be allow-ed; and it is further ordered that said guar-dian give notice to the persons interested in said estate, of the pendency of said account, and the hearing thereof, by causing a copy of this order to be published in the MINING JOURNAL; a newspaper printed and circulated in said county of Marquette, three successive weeks previous to said day of hearing. EDWARDS, HARDY, (A true copy.)

Judge of Probate



Including Trank Engines, with balanced slide valves to use either steam or compressed air economically. It has also my "Pat. Hinged Swivel Head," "Pat. Thrust Register," (for indi-cating the thickness of each strata,) "Pat. Roller Thrust Bear-ing," and "Pat. method of changing the feed while the drill is running."

The drill rods are all fitted with "Pat. Bayonet elutch couplings," which uncouple by giving the rods one-fourth of a turn. THE HIGHEST TESTIMONY AWARDED THEM

for RAPIDITY OF EXECUTION and ECONOMY OVER ANY OTHERS IN USE.

For prospecting, these drills accomplish the most IMPORT-ANT RESULTS otherwise wholly unattainable. By their use only can mines be penetrated to a depth of from one to TWO THOUSAND FEET through the HARDEST ROCK, at any an-gle, taking out a core the entire depth, fully developing the

Tunnels driven and Shafts sunk in from one half to one sixth of the usual time, by using these machines in connection with our Pat. Long Hole Process.

#### LITTLE CHAMPION.

T.M.

14.80

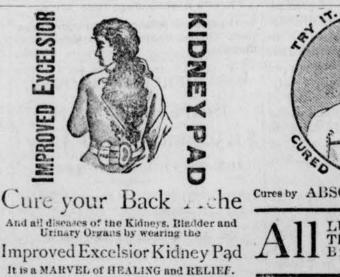
602

AGENT FOR Worthington's Duplex Pressure Pumps. THE BEST MINING PUMP IN USE. Also Water's Perfect ENGINE GOVERNOR. Most durable and economical Governor ever The Brush Electric Light Apparatus.

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

Send for Circulars and Prices.

All inquiries cheerfully answered. Write for what you want to M. C. BULLOCK, 84 to 86 Market St., Chicago, Ill.



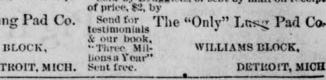
SIMPLE, SENSIBLE, DIRECT,

PAINLESS, POWERFUL.

It CURFS where all else fails. A REVELA-FION and REVOLUTION in Medicine. Ab-sorption or direct application, as opposed to unsatisfactory internal medicines. Send for our treatise on Kidney troubles, sent free. Sold by druggists, or sent by mail, on receipt of price, \$2. Address,

This is the The "Only" Lung Pad Co. WILLIAMS BLOCK, Kidney Pad. Ask for it and take no other.

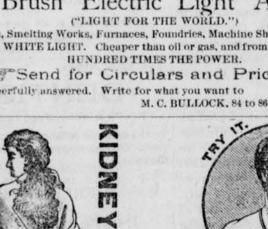
AMS BLOCK, "Three Mil-lions a Year" DETROIT, MICH. Sent free.



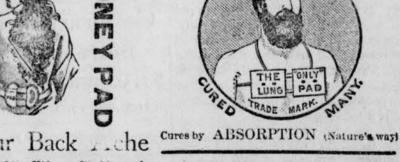
S. M. BEARD, SON & CO 93 Wall St., and 5, 7 & 9 James St., NEW YORK, 135 JEF - ERSON AVENUE, DETROIT, MICHIGAN. AWARDED A DIPLOMA AND MEDAL ON

Teas, Coffees, Spices, and Fancy Groceries AT THE MICHIGAN STATE FAIR, 1879.

Manufacturers of Thermal Mustard, Pure Ground Spices, Ground and Roasted Coffees, Baking Powder, Flavoring Extracts, &c.



strata passed through.





It DRIVES INTO the system curative

agents and healing medicines. It DRAWS FROM the diseased parts the poisons that cause death. Thousands Testify to its Virtues.

You can be Relieved and Cured Don't despair until you have tried this Sensible, Easily Applied and R A D I C A L L Y E F F E C I U A L Remedy. Sold by Druggists, or sent by mail on receipt of price \$2 by

THE Burtis the A

store, during NEX

odist Russe "prope the sta

W. J ion of Munis week.

MAN contra menyi mer w and th



A true copy.) E S. HARDY.

