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ellection cents from each rard it to us in advance, for s of the goods we sell, he Checks have the privi-hasing the article thereon f first sending for checks

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Machine FOR FAMILY USE.

wist into the goods, thus every stitch, so that the earl at frequent intervals were, the seam is warranted, and under all circum, and under all circum, as the washtub." Old, worm, become specification of the greatest competition, if premiums have been interfection try, DURABIL-1 and HEAUTY. NNOTBESET WRONG, e great trouble of other

tiches, as the needle is alblade short and straight,
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Mathematical Precision,
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nease of accident. It will
it properly cared for. None
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ingland Fair; the Vermont insylvania State Fair; the c; the Michigan State Fair; r; and at over 60 County the West; making in ore an were taken by all other rogether in the same time, ending Francis Serving Ma-wer the World. og Machines,
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Of every description. Appleton, Wis. Orders for the Lake Superior trade receive prompt attention. All work warranted, Prices as low as any manufacturing establishment in the west.

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BAY FURNACE COMPANY. CAPITAL STOCK \$150,000 Furnace at Grand Island Harbor.

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This old and popular house is now being thoroughly renovated and repaired, and no

WILLIAMS, Civil and Mechanical Engineer, Office in Hurley's block, S. W. COMMERCIAL HOUSE, cor, Front and Superior Streets, See incleadvertisement. MARQUETTE, MICH

#g-Good stabling in connection with the House.

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Sloves and Tin-ware, Hopkins' old stand,
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Williams, Agent. 
Ishpeming, Dec. 21. GEO. BARCLAY

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Meals at all hours, Iron Street, Negarines.
Fresh oysters and pigs feet constantly on
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Manufacturers of "MAY FLOWER," CHEWING TOBACCO. SMOKING TOBACCOS.

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CLEVELAND OHIO. factories at Lynn & Webster, Mass We pay special attention to Mining and al-ciasses of goods adapted to Lake Superior trade, as well as all description of over shoes and rubber goods, at manufacturers prices,

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> In an Line of Mail Steamers, ting from New York every Saturday and alternate Tuesday.
> Tickets sold to and from England Ireland and the Continent at mederate rates.

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All Kinds of Furniture.
Orders for any of the Upper Mines and Furaces wil be filled and sent by the earliest

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HODGE & CHRISTIE, Michigan Iron Foundry,

**HIGH & LOW PRESSURE ENGINES** ING AND HOISTING PURPOSES.

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Bucket
or Plunger
Pumps, Cast
Fron or Brass
Seating and Valves,
Chilled Stamp Heads,
Wrought Lifters and Tougues, Steam Whim Capstans or
Cages, Machine, Horse and Winze
Kibbles, Whim Shelves, Shelv
Blocks, Hand Power Hoisting Winch
Jack Screws, Wrought Iron Bucke
Joints, Edits and Nuts, Picks,
Mallets, Sledges, and all kinds
of Cast and Wrought Iron
works for Minling purpurposes. All kinds
of Stamping Machinery furnished at
short
follow, together with
plans for Buildings and Wash Floors.
All work made of Sest
Materials, and by mechanics
thorough the Manna of Sest
Materials, and by mechanics
and mining work in all its details.
PHODGE'S PATENT STAM

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LAKE SUPERIOR CHARCOAL PHG IRON.
No. I, West Kinzie Street, adjoining Chicage
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The CKER & STEELE,

Propose to you, madam! I didn't
propose to you, replied the astonished
attorney.

Well, you asked for my fortune,
and I thought you would have the
grace to take me with it, was the
calm reply.

## THE MINING JOURNAL

A P. SWINEFORD.

VOLUME 19.

Business Directory.

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Proprietor, NINSULAR HOUSE Spring Street, Frank

CLEVELAND HOUSE, Corner Lake and

SADDLERY & HARNESS.

enricht & spencer. Dealers in Light and licary draught harness, trunks and Values, all work warran, ed to give satis-faction and all orders promptly filled. From Street, opposite Everett's Bank. T. HURLEY, Dealer in and manulacturer of Saddles, Harness Trunks, &c., corner Front and Superior streets.

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JAMES PICKANDS & Co., Corner Superi

Musiness Directorg

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DRY GOODS.

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Boots. Shoes and Pacs.

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Capital & Surplus, \$270.000.

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STORE AT JACKSON MINE,

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ailing from New York every
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And dealers in Exchange,

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VOODWARD AVENUE, DETROIT.

43 None but competent workmen em Two more tailors wanted. None but firs class workmen need apply. 71-wt: IVIL ENGINEERING.

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REIDINGER & Co., Corner Front and Superior Streets, Dealers in Fresh and Salted Ments, Fruits, Vegetables, &c.

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This louise is centrally located, convenient to the railway depot, and but a few rods from the principal business street. No pains will be sparred in providing for the comfort of the guests. Good stables in connection with the house

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Would hereby give notice that they have purchased the Carpenter and Building business of George Wagner, and leased his shop on Superior street, where they will be found ready to do all kinds of Joiner Work, and take contracts for building and everything done by the trade. Cabinet work done to order, and building material constantly on tand and for sale. D. CYR & CO., Drug and Variety Store, corner Iron and Cyr Streets, AMUEL CARTER, Drugs, Medicines, Books, Stationery, &c., Iron Street.

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JOHN DUNN, Negaunee Brewery, Negaunee.
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BROCKINGTON & CO., Empire Restaurant.

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RERNHARD GRIEP, Wood Seat Chairs, MERCHANT TAILCF,

Business Cards.

NEW JEWELRY STORE. The Undersigned takes this method of forming the citizens of egaunee and viet ity that he has opened a new Jewelry Sto on fron Street, Negatinee, where he will ke on hand and for sa'e at reasonable price.

NUMBER 83.

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LAMPS. LOOKING-GLASS.

STA SHAVING SALOON, HAIR DRESSING EMPORIUM

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DRESS MAKING

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Takes this method of informing the ladies of Negatines, and vielnity that she has opened a fillnery store in Adam Goeliz's building opposite McKenna's Hail, where she keeps a well selected stock of New Termannian Composite McKenna's Hail, where she keeps a well selected stock of New Termannian Composite McKenna's Hail, where she keeps a well selected stock of New Termannian Composite McKenna's Hail, where she keeps a mature husband of fifty? The time of New Termannian Composite McKenna's Hail, where she keeps a well selected stock of New Termannian Composite McKenna's Hail, where she keeps a mature husband of fifty? The time of New Termannian Composite McKenna's Hail, where she keeps a well selected stock of New Termannian Composite McKenna's Hail, where she keeps a mature husband of fifty? The time of New Termannian Composite McKenna's Hail, where she keeps a mature husband of fifty? The time composite McKenna's Hail, where she keeps a mature husband of fifty? The time composite with the control of interest in her voice, answered, 'I think two of twenty-five would be better papa.'

VERY CHEAP FOR CASH!

All kinds of Dress Making and fancy sewing done in the best style and at reasonable prices I was man of the couple lived very happily together, and when Pat came, the gentleman took him over his place to show it to him. Pat at the evidence of prosperity, said to his brother-inland the way, and in the west, the amber light,

| The content of the

SINKING A SHAFT BY BORING. ther. They increased the size of their

SIXTH SERIES, T, XVI., 5THCIV., PP.

371 TO 403.

The following facts are taken from a late number of the principal foreign journal devoted to the engineering of mines and metallurgy. The original article is exciting great interest among mining engineers, and we have thought it not impossible that a translated abstract might be appropriate to the columns of the Journal, and that, and that, are the columns of the Journal, and that, and that, and that, are the columns of the Journal, and that, and that, are the columns of the Journal, and that, and that, are the columns of the Journal, and that, are the columns of the Journal, and that, and that, are the columns of the Journal, and that, are the columns of the Journal, and that, are the columns of the Journal devoted to the engineers, and we have thought it not impossible that a translation of the columns of the Journal, and that, are the columns of the Journal devoted to the engineers are taken from they tried making a second shaft 80 injury, is only limited by their capalities, which has the count of the their will to do injury, is only limited by their capalities, are the producing conflicts, in which their will to do injury, is only limited by their capalities, are the producing that they are the they tied making a second shaft 80 injury, is only limited by their capalities, are the producing that they are the hase course of the principal force. Then they had the first shaft down about 60 feet, and the first shaft down about 60 feet, and the first shaft down about 60 feet, and the making a second shaft 80 injury, is only limited by their capalities.

The would be useless to recommend in t lated abstract might be appropriate to the columns of the Journal, and that, perhaps if might be appropriate to the columns of the Journal, and that, perhaps if might be appropriate to the other eight baying 10 foot stroke, and the other eight baying 10 foot stroke and the other eight baying 1 perhaps, it might find some readers among persons who are not only practically interested in mines out who wish also to know something about important new methods of engilast decided that the only resourse they neering, whether their local applicahad was to use the Kind-Chaudor boring system. They had lost two gards our iron mines, this new boring years in experimenting with the old system of sinking shafts is not a matmethod. Now let us see whether the ter of any concern to them, as there Kind system was not more kind. is nothing in the nature of our rocks The 27th of November, 1867, they to suggest a method of so unusual and began to put up the necessary machinextraordinary a character. So that all the interest that our article can excite ery at their No. 2 shaft. This plant took till March, 1868. Then they will be purely testhetic, and we warn started to bore. Their small trepar our utilitarian friends that they will

was about 4 feet 6 inches, and therefor flud reading more to their taste in made a preliminary pit of that diame some other columns of our paper. ter. The large trepan was about 123 This article is by no means the first feet wide, so that the shaft had that published paner on boring shafts. For diameter. The first of March the a long time the subject has received shaft was 75 feet deep; and six months liberal attention in all the European thence, that is the first of September, scientific and engineering periodicals. the shaft had been sunk to the depth There have appeared from time to of 341 feet. And the 9th of Novem time critical discussions of the value ber following the whole work was of the system, or of its economy, or complete, the iron lining had been else accounts of its practical applicalowered, and the shaft was free of wation at this or that mine, or again detailed records of its working in partic- ter! The use of the time employed ular cases. The article to which we for this stupendous work was econo no v refer belongs to the latter class mized as carefully as possible, and the and owes its entire value to this, that the greatest interest. Let us take some it is strictly a collection of facts, and examples: nothing else, but a collection of facts The month of May, 1868, had 31 days arranged with true French system that is 744 hours. When they started into such form that they can be conthis mouth the shaft was 150 feet deep veniently compared with one another and with others that we already know

while the auxiliary pit was 214 feet, or rather was 64 feet below the bottom of the big shaft. The smaller trepar was dropped in May 17 times, which The method of boring shafts or pits used up 1481 hours, (129 hours in borcommonly employed and most genering, 17 hours in turning the tool and attaching to beam, and 24 hours delay) as it is sometimes called, the Kindand effected 35 feet in deepening the antithetrical hell. Chaudron system. We shall not atsmaller pit. The cleaning after the tempt to supply the description of the apparatus, nor of the way or working the clocke and took 19 hours. The Where the spirits of evil snow-shoe occasion, had marked their facial toarticle since the method is generally month of 20 blows of the trepan, takwell understood, and besides can be ing 264 hours for the blows and raising, found in detail in many books and pe-19 hours of hitching on new peices of riodicals. We shall only give such beam and for turning it, and 824 hours few details as may serve to carry a reader to whom the subject is new. sinking. It was followed by 2103 through this abstract intelligently. The boring is effected by dropping a hours of clearing. This accounts for all the time and at heavy tool, called a trepan, (which is the end of the month the shaft was 218 armed with enormous iron teeth) sucfeet deep, with the advance pit 31 feet cessively from a great height. The trepan is attached to a vertical beam, tirely devoted to boring with the of negative virtue; we do not hear of The proceedings which I herein deeper. The month of June was enpieces (Kind uses a work enshafting, small advance pit. The shaft itself smaller tool, that is to sinking the armed with iron,) as the shaft deepremained 218 feet during the whole of June. Let us now give the figures for blow of the trepan the beam is turned July as a further example: horizontally about, so that at the next blow the trepan strikes the ground at another angle. This is to make the pit circular. It should be remarked further, that it is found to be more eco- Depth of savance pit on July 1st... 368 ft

nical in force and material, to make

in which the shaft was bored.

first a smaller bore with a small trepan preliminary to boring a large shaft with a big trepan. This smalle sore is an auxiliary shaft of less di-Time taken in de-iay.
Advance in the small pit.
Time taken for cleaning pit. mensions than, and always some feet in advance, of the shaft proper So much for the boring proper. After a certain progress has been made with Number of blows... 24
Time taken in raising and failing trepan...
Time taken in hitching beam and turning ii.
Time taken in delay. the trepans, it becomes necessary to clean out the detritus of rock, &c from the pit. This is affected by ar apparatus called a cloche. It is a sort large tre, an ... of cylinder, made of iron, with a valve Advance in the bottom. By a rapid dance movement of this cloche up and down the rock detritus is thrown into the cylinder, is raised to the surface, and the pit is Whole number of hours in month

So that, on August 1st, the shaft The shaft is completed by lowering was 275 feet deep, and the advance pit into it successive east iron rings, hav- 380 feet. As will be surmised, the ing the diameter of the shaft to form a depth of the advance pit was deemed water proof lining. This precaution sufficient, and the further use of the is of course only necessary if water is small trepan was dispensed with. in enormous quantity, or the sides very | The remainder of the time was devounsafe. It does not form a part of the ted to applying all energies to boring boring proper and will hardly be no- with the large trepan.

The following deductions can be The above simple exposition will made from the complete table of their render M. de Boisset's facts intelligirecord, but of course they only apply ble to the reader. He will readily see to this one case. Each blow of the that the time used for boring a shaft small trepan was equivalent to an adwill be taken up in alternately per- vance of one foot four inches, and took forming one or another of the follownearly eight hours, so that the little ing operations: trepan bores at the rate of two inches 1. Raising it and letting it fall. per hour, (making a certain allowance for delays.)

2. Attaching new pieces and turning the The big trepan worked with 96 blows 3. Cleaning out the advance pit. 266 feet of sinking, that is about twoft. -Boring with the large trepan 4. Raising it and letting it fall nine inches per blow. It beres at a somewhat slower rate than the little . Attaching new pieces and turning the tool, that is somewhat less than two 6. Cleaning out the shaft.

inches an hour. We shall proceed now to make an The clearing of the hole took up abstract of the Annales des Mines artiabout a quarter of the whole time, ele, taking from it what appears to us or about a third of the time when most likely to interest our readers. work was actually going on.

And first, we give a hurried descrip-A couple of months more complete tion of the locality and circumstances | the labor of the company by gradually lowering into the shaft (which was In mining coal in the northern ba- full of water) a cast iron tubing or sins of France, it is sometimes found cuvelage. The iron cylinder was pronecessary to penetrate a bed of chalk vided with a valve bottom which alrock of greater or less thickness. lowed its whole mass either to float Whenever this has happened, it has in place or to sink gradually as new been found that, for a certain distance portions of the tube were fitted on to it above. When the tubing was comthe rocks are a ways excessively overcharged with water, so that in almost plete the space between it and the rock all cases where shafts have been sunk was plugged up, the water was pumpthrough this chalk rock, powerful

pumping engines have had to be pro-Expense: 208,681 francs, 60 cer curred. It is generally found that the times-about \$40,000 in gold-includtrouble ceases at a certain depth below | ing cost of plant, tools, machine, all of the surface, but not until the works which are as good as new. have been frequently delayed by acci-Of this, the tubing and its ceme dents and large additional expenses figures for 87,282 fr. 54c. The labor, have been forced upon the mining pay to engineers and chief borers, coal company. It is natural then that the burnt only came to about 74,000 francs, engineers of these regions should have that is about \$14,000 in gold!

ed out, and the shaft was done

the subject of sinking in rocks abounding in water, and also that their latest opinions on this important brack of mine-engineering should be respected most highly.

In July, 1855, the company of Escarpelle began to sink a shaft in the mainer they had been accustomed to, and which is not worth while to chronicle here. First, the pit went through 28 feet of sand and was carefully bricked and cemented. Then they came to clays (of the Tertiary period.) Here

that is about \$14,000 in gold!

A curious medley is the contents of a boy's pocket. A few days ago, a few days ago, and being the A frican animals, the antelope I think. Doubtless the same causes are operating which annhilated whole genera whose only records are the giant tomes, which nature has bound in solid rock.

A careful study of the hare evolves much that is interesting, in winter their paths are marked exactly over their paths are marked exactly over the same trails they trod during the summer, when the snow has disappeared, a careful examination of any swamp, where they abound, will show you clean swept trails, six or eight studied with more than usual care

OVER THE ICE-BERGS. the large quantities of water that came in on them made them pause. They For the Mining Journal began to get a pump ready. In De again, first with the aid of two, and and afterwards of four, 20-inch pumps.

In March, 1866, their shaft measured

48 feet in depth, with clay and water

very troublesome. Two of the four

strength they sunk a foot or two fur-

"Things in themselves, though neither rich nor rare, But wonder how the devil they get there." Would you know? The riddle may Would you know? The riddle may be solved by strapping to your—(is it diverging into private trails, leading, add larceny, and I am sorry to say polite to say feet now-a-days?) Well, your pedal extremities a pair of snow shoes and shuffle along with a trio down Chocolay beach. The hare, the carraboo, and all fur-bearing quads the private trains, teating, and the private trains, teating, and the profamity, all of which might have been properly laid at the villians door. But I will charitably forgive him if he will return the axe which was a borrower their snow shoes always. 20-inch pumps were replaced by two rupeds carry their snow shoes always ready for use; but the honor was retend to their trails are often the arena for to his nearest neighbor. pumps, and in July, 1866, went to served for man alone, to devise an ar-

vored climes, where fields are brown rights again. with waving rye, or green with serreid ranks of plumed and tasseled corn.

Flanking me on the right, by a double quick movement, and looking me square in the eye, P—solemnly interogated, "Have you any whisky?"

In running lines, I was astonished at the wonderful accuracy with which Lochiel paced a mile, announcing the last count of one hundred paces—and looking me square in the eye, P—solemnly interogated, "Have you any whisky?"

In running lines, I was astonished at the wonderful accuracy with which Lochiel paced a mile, announcing the last count of one hundred paces—and looking me square in the eye, P—solemnly interograph of this indispensible article. The following has been creating so much interest here and at Negaunee, that we give it our readers in full, as In conscious innocence, I firmly met his gaze, and, with equal solemnity,

Truly, wood-craft is as much an in
"Myropes Will open Will open with a min
"Myropes with answered, "No." Resuming our line of march, we were again brought to a only those who have a genius for it in of different kinds of crime and we dead halt by a suspiciously damp spot who excel. dead halt by a suspiciously damp spot appearing in P—'s pack, from whence trickled an aromatic serum; a further investigation disclosed are represented by the serious combining and the serious combini mized as carefully as possible, and the record which was kept all along is of holding up the depleted artery, and sylvan deities, were brought in foreigazing tenderly for a moment upon ble contrast at Munising, by the per-

> his blankets. abomination of desolation, meets the same close to the shoulders, the elbow eye; ice-bergs, rank upon rank, coni- forming an acute angle near the back, cal shaped, with a square face to the look your opponent square in the eye, watery foe, were it not for the fringe of then by an elongation of the muscle, pines to leeward, an easy stretch of the launch straight for your neighbor's mind, might paint a tolerable repre- 'bugle,' should there be no 'counter'

smaller pit. The cleaning after the small trepan required 19 descents of the cloche and took 19] hours. The boring of the big trepan consisted this men may luxuriate in monster chill men men ma blains the size of a walnut, instead of groaning over lilliputian afflictions pishly wore very dark goggles, and norming last, when Mr. Clark came for his order, which was given him, no larger than a dime. Christian the bugle of a Celt coming in contact walking through the Slough of Des- with the incisors of a Gallic musician, were delay. This effected 68 feet of pond is tame beside the toils of a heavy he made his mark, and enlarged the pond is tame beside the toils of a heavy snow-shoe trampt of a novice. Nor did the pilgrims' burden gravitate more heavily than ours, as we struggled to heavily than ours, as we struggled to heavily than ours. heavily than ours, as we struggled to-ward the distant camp. Indeed the ouly praise I am willing to accord the beggar bard might have added Bunyan's hero over ourselves, is a sort of negative virtue; we do not hear of using any evil expletives; but then it must be remembered that he had no opportunity of tearing his—well, his clothing down the corrugated slope of an ice-berg. Nor did he have added another canto to his immortal poem. The proceedings which I herein the remembered that he had no opportunity of tearing his—well, his clothing down the corrugated slope of an ice-berg. Nor did he have added another canto to his immortal poem. The proceedings which I herein the remembered that he had no opportunity of tearing his—well, his clothing down the corrugated slope of an ice-berg. Nor did he have added another canto to his immortal poem. The proceedings which I herein the rough whose hands the order had another canto to his immortal poem.

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The proceedings which I herein the rough whose hands the order had another canto to his immortal poem. any smooth spots on which to do involuntary homage to Jack Frost. At last the welcome camp clears the last point, as the deepening shadows seem but then genius might prune and paid by him as all county orders are drawn payable to bearer, and this was properly signed by Mr. Lott, and Societies 11. to withdraw it yet further from our tra view. Dumping our packs, we were mighty deeds of mighty men, until soon busily engaged collecting wood the weight would swallow up for night. A rickety stove set upon the sound. stones, two links of pipe, one perpen. Heft Munising with ten or a dozen dicular, the other with a hole struck Onotians, along with whisky

through the triplicate vents of which scudding before a driving south-eastthe smoke puffed and steamed totally oblivious of the architects design.

Outside, the weather clerk was notching the mercury well down the open air and freeze, or remain and | bausted, and a fresh charge in deman ears and smoke.

A solution of the difficulty was a length found, by seeking a corner, and making a "spread out," closely "spooning" we slept, until a loud cry of "spoon" from Lochiel induced a change of posture. After several "spoons," I found my quota of blan- coin, done up in a soft, fashionable, kets growing beautifully less, and hypocritical touch; no treacherous, after several inefectual attempts to slimy, Uriah Heep coil; but the honrecover a modicum, I desisted and de- est, warm clasp of men who carry termined to fire up, on the principle their hearts in their hands. May of the "dog in the manger." Old say to them in all kindness that whis-Lochiel, cunning compaigner, scent- ky is a bad master. ing my design basely insinuated that

home a parthian dart. "I will not freeze myself to keep up foundered in trying to solve the problem. Claiming among my best friends those who do include, men whom I teeth are now chattering sufficiently hard to shake the stove down." I a those who do include, men whom I honor and love, although I deprecate in the days of Noah. The awe-strickhard to shake the stove down." Lo- the excessive use of stimulants ; I am

etly enveloped his head. hare have disappeared, whose trails a again into the woods, not of the prob sive areas, on the North as well as the ted and freed from dross, through the appearance is equivalent to a famine, illes shield, whereon the figures seem

ing and dead on their trails. ollowed by hard freezing will decimate them, it were idle to speculate upon the causes at work to produce such dire results. Doctor Livingston Circumstance, that unspiritual God peaks of an epidemic raging among and Miscreator.

you clean swept trails, six or eight or jury, and that no statutes have yet

inches wide, in which the small twigs been found defining the crime, or have been nipped by their teeth. prescribing penalties for the same, had Over and under logs, winding along I not fortunately borrowed an axe 1 in graceful curves, intersecting each might have frozen or burnt a buildother at all sorts of angles, now widen- ing. The first would have been man-

dancing for joy, in these degenerate ablutions were indefinitely postpondays we dance for fun. Will you, ed, as it is contrary to forest etiquette, was not enough. The water came in more copiously than before, and the sides were unsafe. The comyany debated together for a long time, and at last decided that the only resourse they out the music, and note the result. ternal application of that dangerous ventilate their mines by forcing ternal application of that dangerous ventilate their mines by forcing the pressure that the pressure the pressure that the Snow shoe practice will not stand comparigon in the same day.

Well, let us shuffle along Chocolay beach—twixt a walk and a trot—plethoric packs strapped to unwilling shoulders.

ternal application for that dangerous liquid which has swallowed up so many trusting voyageurs. Breakfast was quickly despatched, having acted as receivers for the distillation of creostote, during the night, there was but shoulders.

ternal application for that dangerous wentlate their mines by forcing in air through long pipes. The pressure under which his is often done leads to such an expansion at the outlet of the pipe that ice often accumulates so rapidly as to completely close up the outlet, or, at least, greatly impede the little room for solids; however, a Suddenly the air is laden with a defew hours tramp in the grand old licious aroma suggestive of more fa- forest and free pure air, set things to Superior since the days of Adam. We

In running lines, I was astonished will take advantage of its discovery

investigation disclosed an orifice "not last to Munising. The soothing, and investigation disclosed an orifice "not last to Munising. The soothing, and Chas. M. O'Malley, came into the purpose of the p the few remaining drops, he consigned formance of a quartette of buglers, them to the safest innermost folds of with an abundance of wind and musanother drawn upon the book for Ira Clark of Negaunee, amounting to \$180,00, and in the hurry of the mo-ment Mr. Lott tore off the latter order, cle; the music is successfully elicited, Looking northward and ahead, an viz: close the digits firmly, draw the sentation of that terrible Miltonic you may succeed in damaging your friend's proboscis. In the case above "Where the parching air burns frore, alluded to, the performers were somegroaning over lilliputian afflictions pishly wore very dark goggles, and

se and graft thereon the

in the middle to form an elbow, vocal, rampant, militant, triumphant, notching the mercury well down producing an euphonious, electric one or many, should be punished. Mr. O'Malley is township clerk; jus-tice of the peace, probate judge, and was for some years a member of the state legislature from Mackinaw. among the zeroes, inside uncertain, as sound, which caused a dozen brawny Sir Bedivers bearing King Arthur's arms to stretch lovingly toward the sword, "this way and that, dividing instrument, long before reaching he swift mind" in act to seek Whiskey Point, the supply was exmother. But hope at last rode tri- upon our arrival. I entered, with the impbant and sustained us through crowd, a small cabin, recking with indescribable odors. Poor fellows-

men-my friends Let us not judge

them too harshly. Kind hearts bea

beneath their 'Hoadin gray.' 'The rank is but the guinea's stamp, The man's the gowd for a' that, And a' that.'

I felt their gold. No counterfeit

ige wedge of wood driven into ing my design basely insinuated that an "evil conscience is a bad be ffellow," in charge for which, he took home a parthian dart.

"Tis so, 'tis pity, pity 'tis, 'tis so'

But I am riding dangerous seas, in that keeps back the sea from bursting in upon them. Yet there are three towns home a parthian dart. en visitor hurries away from the scene with a heart appalled in view of

chiel subsided, and the blankets qui- equally opposed to dictating the use the hourly dangers. of this, or prescribing the use of that. The entire absence of life, over the I met 'neath humble roofs at ce-bergs, if nothing else would tend Onota, a hospitality as kind and gen to make the trip monotinous. Even erous as that Toby Veck accorded he tracks of the heretofore ubiquitous his guest, and I thought as I passed out few years ago, threaded and interlaced able tons of Onota iron or big divito declare that the orethren should have liberty in regard to its use. In Muscat, however, prohibition of the weed is rigi ly and vigorously enforced. Not long ago the city was captured by a sect of fierce and uncompromising Musculmen from the interior, who have since been busy in recalling their brethren from their beek lidings. each other, through endles miles of dends, (which will surely follow,) but wamp. Upon inquiry, I find their my thoughts, could they have taken disappearance is general over exten- shape, could they have been elabora-South Shore of Superior. To the crucible of some master workman, as Indians of Ruperts Land, their dis- he who poured the 'ocean round Achas they clothe themselves with the ed to live and move, could the chaotic the New York Herald, who has just visited the place, writes:
Imagine the disgust of a town Arab, whose chibouque or long pipe used to be constantly in his mouth from early morn till dewy eve, when he is peremptorily forbidden to use tobacco in any form. And yet such is the present law in Muscat, and it is rigidly enforced. Every hight, numberless ubiquitous, unbribable spies prowl about the city, like the pestilence that walketh in darkness, in search of offenders. Woe to the unfortunate wight whose guilt is discovered. For him there shall be, first, a sleepless night in the fort, followed by arskins as well as depend on them for tableaus have been moulded by the ubsistence; a wide spread epidemic kindly genius of Dickens, then would has doubtless occasioned their destruc- the isolated camp of Onota furnish tion. I have been told by voyagers material for a literature as yet unfrom the North Shore that during the written. In my poverty of expressummer months they were found dy- ion, I could only wish that it were possible to limn the history of an in-Lochiel says, that protracted rains dividual laborer, to accompany each 'pig' to market, showing to the purchaser, the toils, the pains, the hopes their higher aspirations 'Curbed by

table punishment. His pipe will be broken before his eyes and his tobac-co defiled and buried, and then hav-ing been forced to kneel down by the moral persuasion of a couple of the Inaum's guards, his back will be uncovered and a nonster in human form will administer twenty-five cuts with a hard stick, according to the terms of the sentence. The other day, a boy caught smoking died un-der the castigation he got for it.

rive some consolation from the fact that their pet vanity is not the only one assailed. The writer above quoted says: But so noking is by no means the only van ity assailed by these Arab fanaties, who are re-entered in the fatheria ad of Mohammed their names im mortal by 'blue' legislation. No, indeed. A man is here legally forbidden also to wear silk; nor may he adorn himself with gold—not even with a thread of the precious metal wover into his turban; nor may he sing, nor may he make nor may he sing, nor may he make a joyful noise on a tomtom o any other musical instrument; nor may he dance; nor may he wear long

ridiculous world. We read of David dancing tor joy, in these degenerate days we dance for fun. Will you

This is a machine needed on Lake hope some of our enterprising citizens

"MURDER WILL OUT," is a well-

and handed it to Mr. O'Malley

nsisted that it had been given to him

but he denied it, and requested that the bok should be produced, where it

and presented to E. Glazer, Treasurer

man of board of Supervisors. Or Thursday morning, Mr. Royce de manded of Mr. O'Malley the money to

ift the order and it was forthcoming

ret been prosecuted, for the reason hat Mr. O'Maliey is an old man, and

he deed by others, but, we believe

MINING UNDER THE SEA. - There is

vast copper mine in England, where hafts extend many hundred yards inder the sea. The meaning of the

waves as they dash against the rocks i

waves as they dish against the focks is forever sounding in those gloomy aisles. When the storms come, the sound of the waters become so terrilic that even the boldest miners cannot stay below, but leave their work and

come out upon earth. Overhead ar nasses of bright copper streamin hrough the gallery in all direction-raversed by a network of thin re

ins of iron, and over all the salt was

drips, drips down from tiny crevice

n the rock. Trimense wealth of met il is contained in these roofs, but m ninerdares give it another stroke with sickaxe. Already there has been on

ARABIAN ANTIDOTE FOR TO-BACCO.

The Massachusetts puritans, at first

positively forbade the use of tobacco, out after awhile were weak enough to declare that the brethren should

lets night in the fort, followed by ar raignment before a tong bearde old bigot, who acts as chie moolah or priest, and whose name i Kuleylee. Then will come the inevi

mmediately. The matter has not as

Comprising in part: BRUSHES POMADES of obtaining an order for his q arter's salary as Judge of Probate, amounting to \$25.00. F. P. Lett, the County Clerk, drew the order immediately, and as he supposed, handed it to the ap-plicant, but it appears that there was COSMESTICS

> CHAMOIS. PLASTERS and SPLIT SKINS, VANILLA BEANS, FARINA COLOGNES, MOUCHOIR SACHETS,

SACHET POWDER in Bulk PUFF BOXES AND PUFFS COURT PLASTERS, PLAYING CARDS. CACHOUS LIP SALVES, RAZOR STRAPS, I ENGLISH RAZORS, POCKETCUTLE

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WILLIAM CROWLEY.
HARNES GROWLEY.
WILLIAM CROWLEY.
HARLES GROWLEY.
HARLES GROWL Neidbargts, and agel.
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Communications from any Peninsula, containing local ring local interests, or setting vantages, are earnestly solid to make the Mining Journa rior paper, advocating its chroniciting its news; and we to lend us a helping hand work. Write, briefly, and to

THE MINING I

MARQUETTE SATURDAY

Local Intellig

The Mining Journal has the lation of any paper published Peninsula of Michigan. A find it the very best medium to reach the Lake Superior tra

CHURCH DIRECTO

t. Paul's Church.—(Episcopal
Fay, D. D., Rector, Servic
ing, 7,30 evening; Sabbath
dately after morning servic
thodist.—Rev. J. F. Hank

Services, 10.20 morning; 7.2 bath school, L20 afternoor higs Monday and Thursd 7.30 o'clock Figs Montay and Thursd 1730 o'clock.—Rev. D. A. F Services, 10.30 morning; Services, 10.30 morning; Services, 10.30 morning; Services, 10.30 February, Sabbath school, a rectirg Monday and Thu et 7.45.

On and after this de printing ordered from

be paid for when th elivered. We find rapidly accumulating books, and find it imp pay cash for stock an and give credit to all wi In many cases the cos lecting overbalances t we make on our work. are compelled to ad cash system. We have eash for everything to paper, ink, &c., and ssary that we should prompt pay for our we We hope our frier view this matter in t light, and not think we much when we demand for work at the time of livery. It is the only way of doing business. shall rigidly adhere to future.

of snow on the freight of the M. & O. Railroad depot du broke in the roo f, when the c diapsed. The building is a ! THANKS .- To the Citize quette:-In behalf of the people ion and Edward's mines, pe thank you for your gener

ACCIDENT.-The enorg

PERSONAL.-If we knew man who sent us that valently enough to write it, we should ; that even this mild appellat MUSICAL. - Messrs. Ball. side's have purchased the silver from Mr. Hurley and organize band as an addition to their si

from Mr. Harry and a garden band as an addition to their st tra. The band will be known a Whiteside's Cornet and String parties wishing any music for the crean evening social will do we them a call for they mean on THE Water Work mach started on Tuesday last, and we better than was expected. Very were found in the connections were easily stopped. On Tuesday was made to force waterthe main pipes, but on applying the was found that the water could be further than the skainer rink of rther than the skating rink.

Every effort is being made to clifficulty, and it is expected to be forced through the town days. PLUMBING.—Cummings ford & Co., are now prepared for any and all kinds of plu and water apparatus. Their prises bath tabs, marble an howis, stationery tabs, stop coccets of every variety. See the ment in another column and yourselves the handsome spec displayed in their show window

zen pipe which was exposed

GOING, GOING, gol Like bright sporkling dow-On a warm sunuy morn Those first class goods, no Quite cheep at T. MEAL

ICE-BOATS. -We notice

exchanges that ice boats are general use on the inland lak-this winter. Why cannot we successfully on Marquette bay 7 awk ward, ungalaly looking ap-ice boat have been tried on the the past half dozen years, but managed since they were too! properly constructed. The occa-erly gales clear out the old lea almost weekly a new field of ga fly with almost incredible spe one hundred miles an hour has ed on a less favorable field than the bay. This sport if enthusia tered into would become a dela sition to our winter amus with favorable ice become of transportation to the furnec Grand Island, which point wou JEWELRY &c., repaired at

—I have now in connection w store, an experienced jeweler— Hadrich—who has had several rin s, &c.,Lake superior silver buttons, ear drops, breast pins set with agates, chlorastrolyte-thysts, made to order, of any a pattern, with initials engrave desired. Meerchaum pipes m native silver. Strict atter pairing gold and silver jewelry WILD DUCKS.—The ope the bay for the past week has thousands of wild ducks, which in from deep water in search of are of the variety known by a the South-southerly, and the A Tall. Kane, in his 'Arctic I' speaks of meeting yast droves o

variety in the Polar seas. thusiastic sportsman have enough to venture out to the and have been waging success-against these feathered v sitors were drawn out over the ice, as in the open water, one of the with thirteen, and the other w birds. These ducks are native tic regions, and seldom get than this latitude, "even dur and their flesh is strong and fish fit for food.

I. O. O. F. M.

ods !!! ne of the above LOW. RIES

Unhallowed touch, untarnished, free For yet another snow-lined couch ACCIDENT.-The enormous weight of snow on the freight department of the M. & O. Railroad depot during last week broke in the roof, when the entire structure collapsed. The building is a total loss. Opens by a second mystic key. On love wrought, Jowny pillow, soft, By fleecy f.4ds o'ershadowed, Young Harry, with his golden exris Nestles within his casket bed, THANKS .- To the Citizens of Marquette:—In behalf of the people of Washing-ton and Edward's mines, permit me to thank you for your generous response to their appeal for aid in the completion of And fold him to her Savior's breast. their little chapel. Yours respectful y, GEO. F. HUNTING. PERSONAL.—If we knew that the man who sent us that valentine had brains enough to write it, we should publish him as an idlot. He falls so far short of it, however, that even this mild appellation would be too The pearly are again are wide— The pearly gates again are wide And one more hallowed, little key. MUSICAL.-Messrs. Bailey & Whiteide's have purchased the silver instruments from Mr. Hurley and organized a cornet hand as an addition to their string orchesrehased the silver instruments | Lay them aside-three little keys-As yet rich gems would guard from sightband as an addition to their string orches-tra. The band will be known as Dyson & Whiteside's Cornet and String Band, vil And as they shield the sleeping dust, To each torn heart fresh faith be given parties wishing any music for balls, parties or an evening social will do well to give them a call for they mean business. And from the rod, the grave, the keys, Firmer, and sweeter, hope of heaven THE Water Work machinery was The crown gleam through the mist, and joy, started on Tuesday last, and worked even better than was expected. Very few leaks were found in the connections and these were easily stopped. On Tuesday an attempt Marquette, Feb. 1s. was made to force waterthe through the main pipes, but on applying the pressure it was found that the water could not be forced

the drivers to allow their horses to take the lead of the third horse, then stop at O'Nell's and take a drink, while the other horse caught up, and thus gained the lead. No doubt considerable jockeying was indulged in on all sides; however Negauree claims the fastest trotter in Marquette county, and keeps him wrapped in the hide of Flying The horses entered for the second purse, are owned by John Outhwaite, Ameri an Girl, Capt. Johnson's Gray Jack, and om Corrigan, owned by H. H. Hunt, of Esnaba. Gray Jack carried off the ribbon and money in this race. American Girl winning two heats, got beaten on the third, Tom Corrigan claims that having been an inhabitant of Escanaba so long, and got the most of his training between Green Bay The crown gleam through the mist, and joy, And darkness of life's mystery; and Escanaba, it was impossible to get his feet down to the proper level for business; but the judges objected to this, and suggested that some of the lost motion in Tom's machinery be taken up, the distance short-ened and hisspeed increased by giving his piston more strike. In the third racestoere was only two entries; Dougald McMaster's Internal pipes, but on applying the pressure it was found that the water could not be forced further than the skating rink, owing to frozen pipe which was exposed late last fail. Every effort is being made to overcome the eighenly, and it is expected that water can be forced through the town before many days.

Internal Treat Treat - On Wednesday ened and his speed increased by giving his evening last Geo. F. Hunting, Esq., in compliance with the urgent requestor of a number of our citizens, recificulty, and it is expected that water can be forced through the town before many days.

Internal Treat Treat - On Wednesday ened and his speed increased by giving his evening last Geo. F. Hunting, Esq., in compliance with the urgent requestor of a number of our citizens, recificulty, and it is expected that water can be forced through the town before many days. PLUMBING.—Cummings, Hungerford & Cc., are now prepared to fill orders
for any and all kinds of p'umbers goods,
and water apparatus. Their stock comprises bath inbs, marble and from wash
bowls, stationery tabs, stop cocks and f ucetsof every variety. See their advertisement in another column and examine for
yourselves the handsome specimen work
displayed in their show window.

shorter one entitled The First Prayer in
Congress. The weather was most unpropitious. Mr. Hunting appears to be unfortunate in this respect, as an announcement of
his appearance here seems to be the sure
precursor of a storm. Notwithstanding the
inclemency of the evening, a very fair number were in utlendance. Under more favorable circumstances, the hall would doubtless
that the first prayer in
the employees of the Jackson mine presented Capt. Henry Merry with asplendid
English lever gold watch, the first cost of
which was 575 dollars. The entire watch
is appearance here seems to be the sure
precursor of a storm. Notwithstanding the
inclemency of the evening, a very fair number were in utlendance. Under more favorable circumstances, the hall would doubtless
have been crowded.

In regard to the poems themselves we can
hardly say too much in commendation. The have been crowded.

In regard to the poems themselves we can hardly say too much in commendation. The First Prayer in Congress is a perfect gem in its way, full of elevated religious senti-

The control of the functions appeciate work displayed in the fact show which are many morning—that the best are coming and applied definitions of men and with the past in displayed the boats are coming to the past and the past

THE MINING JOURNAL

SECTION OF THE PROPERTY OF Negaunee, Feb. 18th, 1870.

The races came off on Saturday last as advertised. The day dawned rather unfavorably, having frozen very hard the night previous, and a light fall of snow; but this did not daunt our sporting characters in the least. At precisely two o'clock, the panting steeds came dashing down from street, three abreast: namely Calhoun's Prince, E. B. Isham's Gilders, and R. Nelson's Grey Peg. Ky. We will not attempt to defail the different heats sepately, owing to the many breaks runs, nops, steps and jumps that were made. It was no necessary to go seven heats instead of five, however, in order that one of the horses might win, each of the three horses having come out first best twice, one of the judges raised an objection to the third heat; and claimed that it was not fair for two of the drivers to allow their horses to take the T. MEADS' VARIETY STORE! SIGN OF THE nes. THREE BLACK BEARS. Jewelry for the many, some good solid gold, Other sets much cheaper, to suit both young and old. I've sets of Mink and Ermine, and other sets as well, I buy raw furs of all kinds, that trappers wish to sell. DOWN, DOWN, Downward they go, The Prices I mean, it surely is so. F B. SPEAR & CO., THE CLEVELAND General Forwarding Insurance Co., -AND-Commission Merchants. AGENTS FOR Buffalo, Cleveland, Detroit, Chicago and Lake Superior STEANS BURS.

AY,

Manilla Rope, Twine & Cordage

Tar, Pitch, Oakum.

BLOCKS, OARS, &c.

ERIE, MASSILLON, BRIAR HILI

BLOSSBURG, ANTHACITE

Cheap for CASH on delivery.

F. B. SPEAR & Co.

COAL

mmon and Patent'Strapped

LIME, WATER LIME, CALCINED PLASTER, PLASTERING HAIR Wholesale and Retail dealers in BRICK, LUMBER, LATH, SHINGLES, NAILS, GRAIN. GROUND FEED, BRAN. MIDDLINGS, MEAL; SALT, OIL, WINTER & SPRING WHEAT FLOUR.

CUMMINGS, HUNGERFORD & CO. SOMETHING NEW. WYCKOFF & SON HAVE OPENED AN EXTENSIVE FURNITURE STORE AND WILL KEEP A FULL ASSORTMENT OF FIRST CLASS GOODS. Consisting of Parl or and Bedroom Sets.

Parlo.

SOFAS,
LOUNGES
CHAIRS,
BEDSTEADS,
BUREAUS,
CENTER TABLES

ES,
MS, Groceries & Provisions

RECEIVERS' NOTICE.

I hereby give notice that on the second day of Feb., A. D., 1870, in accordance with section 8,825 of the compiled laws of this state, by an order of the circuit court for the county of Marquette in chancery, on the petition of William I. Wetmore and Frederick P. Wetmore, judgment creditors, I was appointed receiver of the stock, property, things in action and effects of the Holyoke Mining Company, acorporation organized under the laws of the state of Michigan. Mew Advetisemeats. Keep Your Eye on THIS COLUMN!

| Sanized under the laws of the sand corporation are required to render an account to me of all debts and sums of money owing by them are twenty-sixth day of March next, at the sanabled to make your purchases to mak HISTORY my office in Marquette, Marquette county, Michigan, All persons having possession of any property or effects of said corporation are required to deliver the same to me.

All persons having any open or subsisting contract of said corporation are required to present the same in writing and in detail to me, within the time and at the place aforesaid.

All creditors of said corporation are required to deliver their respective amounts and accounts to me within the time and at the place aforesaid.

BYRON P. ROBBINS, Receiver. Prices as Low As is consistent with the QUALITY OF GOODS SOLD! BYRON P. ROBBINS, Receiver, Marquette, Feb. 10, A. D. 1870. 82-8w. MURRAY & ROBBINS. Squire Johns started brek aghast and thunderstruck.

'Do you mean to say that you have raised the money?'

'I do, and have brought Mr. Foster to prove that it is all right. There is two thousand dollars. We have counted it. There is the interest. Now I will take up the mortgage, Squire Johns.

Livid and trembling with passion, Squire Johns was compelled to yield the mortgage, and execute the usual release. PRICE ONE DOLLAR! There was no trace of the violent passion to which the Squire gave free license, when, the next evening he drove up to Sanford's. He looked happy and smilling. There was a queer little smile on Millie Warner's FRESIT MORTGAGE SALE .- Default ha ing been made in the condition of ertain mortgage, bearing date the Seven senth day of July A. D. 1837, executed by eorge Frazer, of Negaunce, in the county Marquette, State of Michigan, to John W. ay of the same place, which said Mortgage as duly recorded in the office of the Registrof Deeds, for the said county of Marquette the 5th day of September A. 3. **CANDIES** of marquette, state of Michigan, to John W. Ray of the same place, which said Mortgage was duly recorded in the office of the Register of Deeds, for the said county of Marquette on the 5th day of September, A. D. 1857, at 3 octock p. m., in Liber 2 of mortgages, on pages 50 and 61, on which mortgage there is claimed to be due at the date of this notice the sum of three hundred in did not one hundred its dollars, saide the sum of three hundred its dollars, saide the sum of three hundred its dollars, saide the sum of three hundred its dollars, saide for the said mortgage, should any proceedings be taken to forecless the same, and no suit or proceeding at haw of mequity having been instituted to recover the same on the part the coff.

Notice is bereby given that by virtue of the power of sale contained in said mortgage, on Monday the 18th day of April next, at ten o'clock in the forenoon of said day at the front door of the Court House in the Village of Marquette in said county of Marquette, which said Court House in the place of nolding the Circuit Court for said county, the undersigned will sell at public auction, to the highest bidder, the premises described in said mortgage as follows, to wit: all that certain seld mortgage as follows, to wit: all that certain piece or parcel of land situate, lying and being in the Village of Neg aunce, township of Negamene, county of Marquette, State of Michigan, designated and known as lot number fourteen (14) in block number fourteen (15) on the south-east corner of Case Street and Pioneer avenue, on the plat or survey of said village made by 0, F. Clark, Civil Engineer, and certified by the Flomeer from Company, and recorded in the office of the Register of the Register of the Register of Mortgages. MINING JOURNAL Received Feb. 10. COUNTING ROOM! MURRAY & ROBBINS. Call at once, if you wish to secure a copy, as the edition will soon be exhausted. Boots & Shoes FRESH POWER PRESS HERIFF'SSALE.-By virtue of tw **OYSTERS** JOB PRINTING HOUSE Mining Journal **Direct from Baltimore** Has a very large assortment of the latest and best styles of type, and all kinds of material for JOB WORK, and is fully prepared to es-ecute in the best styles known to the art. We have on hand PRINTING: son we shall be prepared to fur-WASH TUBS, SHOWERS. nish, by the can or case, the best Wedding and Visiting Card ENAMELED and PLAINSINKS, Oysters shipped, at low rates. THE CIRCUIT COURT FOR THE COUNTY OF MARQUETTE.

Charles L. Woodman, Edward Olcott.

In attachment. MAMMOTH POSTER CESSPOOLS, WATER CLOSET Every Can warranted Mons Alver. Mons Alver.

Notice is hereby given that on the twenty-seventh day of November, A. D., 1889, a writ of attachment was duly issued out of the circuit court for the county of Marquette, at the suit of Charles L. Woodman and E i ward Oleott, the atove named plaintiffs, against the lands, tenements, goods and chattels, moneys and effects of Mons Alver, the detendant above named, for the sum of five hundred and twelve dollars, which said writ was returnable on the fourth day of January, A. D., 1870.

Dated Jan, 10 1870.

WILKINSON & SMITH, 75-6w.

WILKINSON & SMITH, 75-6w.

We have one of the less of Fixtures Complete. URINALS, WASH BASINS AND Murray & Robbins. STANDS. PLATED AND BRASS WATER COCKS. HOT WATER BOILERS, FOR SALE AT A BARGAIN. FIRE BACKS, GARDEN and 112-dtf and 70-wif STREET SPRINKLERS or HY-Cleveland mine and Negaunee, a Mack-inaw coat which the owner can have by proving property and paying for this adver-tisement. JNO. P. OUTHWAITE, 78w-8w Cleveland Mine. DRANTS. KEEN'S GALVANIZED AND LEAD PIPES, DISSOLUTION NOTICE. The partnership heretofore existing between J. P. Van Idersline and William D. Falconer is this day dissolved by mutual consent. The business will be carried on at the old stand by W. D. Falconer, who isauthorized to collect and settle all debts due to or owing by said firm.

J. P. VAN IDERSFINE, W. D. FALCONER,
Marquede, Jan. 24, 1872. w-tr-4w. MUSTARD, and all kinds of and twenty-four years, being SHEET LEAD FITTING. A. D. 1742. DISSOLUTION OF PATRINER SHIP, of H. J. Hopkins & Co. It is justly celebrated for its purity, flavor We have good, practical plumbers who un-erstand their business, and are more than The partnership heretofore existing be pungency, and is unquestionably the best mustard in use for all purposes. For sale by SC LUDS. HENRY J. HOPKINS, JOHN B. JOHNSON LOUIS PREVILLE, ORDINARY GAS FITTERS, MURRAY & ROBBINS. Is this 'day dissolved by mutual consent, Henry J. Hopkins retiring from the firm. The business will be continued by the undersigned at the old stand, under the name of Johnson & Preville, with whem all sets the ments of the business of the late firm are to be made. and all work done by them will be fully war-ranted.
Gas piping and fixtures furnished to order PS KIBBLES. AND AT REASONABLE RATES.

**GORDON JOBBERS!** And a larger and better and faster POWER PRESS! Than can be found in Northern Michigan. We are constantly adding new type and material and are determined not to be out-done, either in price or quality. GIVE US A CALL! We have an arrangement with Mr. Mar-shall to do all our ruling and binding, and can do any kind of work as neatly and at as-low prices as can be had in the cities THE MINING JOURNAL Is the largest local newspaper in Northern Michigan. There is no better medium, by which those living at a distance can know the vast natural advantages of the Upper Peninsula, or make known their business to the rapidly increasing trade of this region. Only \$3 per year in advance. Send for a copy, and then send your friend a copy. A. P. SWINEFORD. EDITOR & PUBLISHER

To be had at the

All Kinds of

We have one of the best of

THE Partnership heretofore existing between the undersigned is this day dissolved by mutual consent. The books and accounts remain in the hands of Thomas Poyser, who is alone authorised to collect the same and settle all accounts against the said Firm.

THOMAS POYSER.

76-4 W. Mr. H. BIRNEY. Marquette, Mich Peninsula Brewery!! FOR SALE.—Two Houses, situa-ted Corner Bluff and Third streets. Fo further information apply to J. A. FOSTER, Stafford's Drug store. 7.m. w2 NEGAUNEE:

taken from our own smoke house every | FOR SALE. GEO. C, SHELDON, Proprietor.

One lot with two houses upon it, on Superior street, in the village of Marquette. Will be sold at a bargain for cash, as the owner wishes to leave the place. For full particulars apply to the undersigned.

Mrs. W. H. SEYMOUR.

Marquette, Feb. 5, 1870. C. A. WILLIAMS, Agent.

MILDON & CO., Wholesale and Retail Dealers in

ISHPEING, MI CH.

MILDON & CO.

WINES & LIQUORS, ATTOM HARR LOCK." TOBACCO and CANNED FRUITS,

DESICCATED

CODFISH.

Every Family should use it.

SUGAR-CURED

HAMS

Beef tongues smoked to order withou

MURRAY & ROBBINS.

SAFE, COMPANY

MATTRASSES, ETC. We have the Largest and Best Lot of No Unpleasant Odor, FURNITURE No Boiling, No Chopping, No Waste. ON LAKE SUPERIOR,

STORE ON MAIN STREET,

n Marquette Manufacturing [Co.'s Block. 5g-w6m

One Pound equal to Four of ordinary Fish. For Sale by MURRAY & ROBBINS.

AS LOW AS THE LOWEST. \_\_\_ Also'dealers in LIME, BRICK and BUILDING MATERIAL. RUILDING CONTRACTS TAKEN AND ARCHITEC' URAL . DE-SIGNS FURNICHED.

Ishpeming, Nov. 13, 1868.

PRESENT USE ALE!

DELIVERED TO CUSTOMERS

At Current Prices!

Negaunee, Feb. 1, 1870.

Best Lager Beer

AND

The following in reference to the manufacture of iron in the Shenango alley, taken from the Philadelphia fining Register, contains facts and sminiscences that while rest and depended for their supply of fuel, are running out.

That while new developments are being made of the coal fields in Mercer county, and the range of townships in Ohio, bordering on Mercer county line, those further in Ohio, and from while the works at Youngstown and Cleveland depended for their supply of fuel, are running out.

Wetmore and Bro s Column.

other localities. These all proved unprofitable to their owners for several reasons. The use of mineral coal in blast furnaces was new in this country; skilled labor was not to be had and the machinery was inadequate to the work to be performed. The product was small, and the native ores, the use of which the furnaces were then confined, produced an inferior quality of iron, difficult to sell, even it ruinous prices.

About the year 1850, Messrs. Curtis, Soyce, Agnew, and other eligence of soyce, and the soyce of soyce, Agnew, and other eligence of soyce, and the aid of pumps whose a cleted with the aid of pumps whose a cle opening used together for a long time, and at decided that the only resourse they

In 1869, was to use the Kind-Chaudon

Sne

\$20,900,700 ng system. They had lost two Con Diamond Steel THE N's in experimenting with the old ROAD.—Thod. Now let us see whether the Committee system was not more kind.
bill authore 27th of November, 1867, they should be Ballroad

THE Chicago Tribune says that all doubts of the success of the Union Pacific have been removed by the experience of the past few days. During that time one of the most terrible snow storm which ever raged in the mountains, with terrible winds of the plains—were experienced on the line from Orden and Omaha. Yet the from Ogden and Omaha. Yet the snow sheds ahd snow fences were found entirely adequate to the pro-tection of the whole line.

> THE COAL BEDS OF MICHGAN. 1880 88,000 1883 18,000 1887 18,000 1887 18,000 1895 12,000 speaks of the recent arrangement by

New York makes olive oil from the lard of

is first-class, but the buildings and and other fixtures not so expensive.

The Sharon iron Works, owned by Coleman, Westerman & Co., are in full tide of success. The rolling mill has three lots of muck rolls, bar mill

and 35 feet high, covered with corru- In his examination, Prince Pierre

Whilesale and Retail Dealer's in

HEAVY HARDWARE

POLL PICKS, HANDLES, (of all kinds,) SHOVELS. ittsburgh City GLASS, WASHERS.

BOILER RIVETS, HORSE SHOES, NAILS, NAIL RODS, GAS PIPES, and FITTINGS, BLACKSMITH TOOLS, &c., &c. Agents for Forsyth & Company's

Coleman & Buchanan.

Marquette, Mich, (NEAR IRON BAY FOUNDRY.)

STEAM BOILERS, SMOKE STACKS

BREECHINGS, DOORS-for Bank Vaults-WINDOW SHUTTERS,

and all kinds of SHEET IRCN WORK.

SKIPS KIBBLES,

ORE BUCKETS And all kinds of Mining and Furnace Work.

FAR-CURED Particular Attention Paid to Repairing. John Buchanan, Geo. M. Coleman. Marquette, Dec. 21, 1889. 75-w-ly.

RIRE AND BURGLAR PROOF DETROIT SAFE COMPANY

MANUFACTURERSOF VAULT DOORS AND VAULTS. "COMBINATION BANK LOCK," Post Office and Store Door Locks

DIRECTORS. OHN J. BAGLEY, President D. O. PAIGE, SuperIntendent, Z. R. BROCKWAY, See'y & Treas, R. N. RICE, CHAS, FARGO, water Street, between Hastings & How

Dry Goods, Groceries, &c S. N. BRONSON BRING ON YOUR EMMES AND

WESTLAKE & BRONSON,

DRY GOODS

Groceries, Provisions,

Hats, Caps,

Clothing, ES HALL Cloths, Carpoting,

> Oil Cloths, &c., &c. Spring and Summer

DMBING. STOCK

JUST RECEIVED.

"COLBRATH'S BEST" (MICH.)

W. W. FLOUR,

Corner of

WORKINGMAN'S

STORE.

MARQUETTE

JOHN. R. DAVIS' (WIS.) CHOICE

S. W. FLOUR. Boots & Shoes

Of all varieties -comprised of

Having received their fall stock of

ERADE BALL!

GROCERIES

-AND-

PROVISIONS.

-AND-

WALKING BOOTS,

KID BOOTS

AND

SLIPPERS, MENS' COARSE

**FINE BOOTS** 

SPORTING BOOTS,

ONE PRICE!

ARCTICS & BOOT PACE CASH OLNY

BEATTY&CO

Hats & Caps,

We offer at as low prices as can be sold for eash, and much lower than can be afforded of the latest styles. on credit, one of the largest stocks of

FR ESH GROCERIES PROVISIONS

moked & Salt Meats, Corn, Oats,

HALIBUT FISH,

Feed, Hay, Best grades of SPRING & WINTERWHEAT FLOUR

Northern Peninsula. ! RAHAMBUCKWHEAT

he difficulty of collecting old debts cause to avoid that trouble, and we want our cash without exception.

Carpets, Do not ask Credit. Oil Cloths, r. Piloto Onkum

and Bedroom Sels

Door Matts and Rugs,

AT LOWEST PRICES. Wetmore Bros.

P. S.-Although our stock is large we find parts of it growing thin. Please call soon to ecure winter supplies before we are out o SCHEOR, SHIKRHILL DN Marquette County

IN THE

BEATTY & CO.

PRIEST AND NUN! Apply at once to CRITTENDEN & Mc KINNEY, 1308, Chestnut St., Phil, Pa. 82-89 HOCKLEY KNITTING MACHINE

WAS CURFD OF DEAFNESS

DOWNS

family Sup wics.

DOWN:

Go the PRICES.

WATSON & SON

Fresh Groceries New Provision New Clothing, New Hats & Caps, New Furniture,

Best Confectioneries, Best Tobbacco, Finest Teas, Sweet Sugars, Prime Lard, Fresh Butter, Nice Pork.

FRONT & WASHINGTON STS.

New Canned Fruits. Nice Cove Oysters, Best Pickles, Pure Cider Vinegar, Warm Blankets,

Indian Moccasins, Heavy Sheeting, Cheap Goods, Good Cloths, Handsome Wall Paper, Clear Glass Ware,

Kerosene Lamps.

Hamburg Cheese,

Jack Knives

Good Seissors Calf Skin Walletts,

Best Grass Seed, New Garden Seeds, Fresh Crackers,

Smallest Hoop Skirts, Nicest Balmorals, Finest Gaiters,

Handsome Clerks,
Nice Bead Trimming,
Best Mackeral,
Buckwheat Flour,

Sugar Cakes, Ginger Snaps, Fine White Salt, Largest Hoop Skirts,

Washing Crystal,

Lovely Hair Oils,

Best Soaps,

Good Potatoes,

Nice Bead Work,

New House Traps,

New Brooms, Sweet Molasses, LongFish Poles,

Fragrant Perfumes,

Bear testimony to their won-derful Curative Effects,



FANCY DRINK. THEY ARE NOT A VILE

will follow.

PIN TAPE and other WORMS, lurking in the system of so many thousands, are effectually destroyed and removed.

In Billious, Remittent and Intermittent Fevers, these Bitters have no equal. For full directions, read carefully the circular around each bottle, printed in four languages—English, German, Frenchand Spanish, J. WALKER, Proprietor, 32 Commerce St.

R. H. McDONALD & CO.

Druggists and Gen. Agents, SanFrancisco.

Insurance. 101 ST SEMI-ANNUAL EX.

and catarrh by a simple remedy and wiscond discrete receipt free. MRS. M.C. LEGGE. St. W. W. Hoboken, N. J. 10,000 AGENTS WANTED.

Knils everything. Agents wanted. Circula and sample stocking free. Address HINK IV KNITTING MACHINE CO., 119 Wabas evenue, Chicago, Ill. 82-iw. GREAT CHANCE! Agent wanted \$1,00 per year sure made by agents, made or fe ale, selling our world recommend Patient Everlosing White Wee Cothes Line. Cheapest and best clothes nes in the world; only 3 cents per

PANVASSING BOOKS SENT Daris By Sunlight and Caslight

A work descriptive of the MNST+RIES, VIRTUES, VICES, SPLENDORS, and CRIMES, of the CITY OF PARIS.

It tells how Paris become the gayest and most beautiful city in the world; how its beauty and splendors are purchased at learful cost of misery and suffering how visitors are swindl (; how virtue and vice to arm in arm in the beautiful city; how the most fearful crimes are committed and some to arm in arm in the beautiful city; how the most fearful crimes are committed and conceived; how money is squandered in usele uxury; and contains over 150 fine engravim order places, life and scenes in Paribeents wanted. Canvassing books sent free biddress NATIONAL PUBLISHING COLLEGES NATIONAL CONTRACTORY.

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\$75 to \$200 Per Month. Everywhere-male and female, to introduce

GENUINE IMPROVED COMMON SENSE

FAMILY SEWING MACHINE. This machine will stitch, hers, fell, tuck, nilt, cord, bind, braid and embroider in a PRICE ONLY 18 DOLLARS.

Fully warranted for five years.
We will pay \$1,00 for any machine that will
sew astronger, more beautiful, or more
clastic searn than ours. It
makes the "ELASTIC LOCK STITCH." burgh, Pa.; Boston, Mass.; or st. Louis

Mo. CAUTION.—Beware of all agents selli aachines under the same name as ou nless they show a certificate of agen igned by us. We shall not not oursely esponsible for worthless machines sold it the parties and shall no seen e all parties AS THREE-FOURTHS OF THE INSUR-ANCE CO. S CHARTERED FALL,

PREE TO BOOK AGENTS. New Illustrated Family Bible. to an TIONAL PUBLISHING CO., Phila. Pa., Chicago, Ill., or St. Louis, Mo. 75-4w PARMER'S HELPER.

Shows how to double the profits of the rut, and how Farmers and their sons can the make Slot per Month in Winter. 18,000 ples will be mail of free to farmers. Send ples will be mail of the factor of the Month River. THE BEST! THE BEST! BO-THE SCIENTIFIC AMERICAN TO

THE NURSERY FOR 1870.

The best, cheapest and most richly USTRATED MONTHLY MAGAZINE ATHIEF

He has been traveling about humburge ruggists and private parties, mixing not selling a base compound which he co VOLCOUTS PAIN PAINT. All of World's conduct remedies have a white outs trapper with signature large. Look reconstraints.
Six Pints of WOLCOTT'S ANNIHILATOR
reconstraint Coids in the head, or one
in of Father and Coids in the head, or one
in of Father for there or Pain, senin of Father for there or Pain, senin of Pain sea, on recept of the
oney a 181 Chatham Square, N.Y., or one
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How made in 10 hours without drugs. For circulars addre s.L. SAGE, Vinegar Works, Cromwell, Conn. w81-8w. THE GREAT MEDICAL DIS DR. WALKER'S CALIFORNIA VINEGAR BITTERS. More than 500.000 Persons

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Made from Rum. Whisky, Proof Spirits and in use Liquors, declared, spired an sweetened to pies so the 1 sts. called Tomes, Appetizers, Restorers, &c. that lead the tippler on to drunkeness and ruin, but are a true Medicine made from the native Roots and Herbs of Ulifornia, free from all Alcoholie Stimulants. They are the Great Bloss Purifier and Life giving Principle, a perfect Renovator and Invigorator of the System, carrying off all poisonous matter, and restoring the blood has been condition. No person can take he condition. No person can take the principle of the condition of the spirit principle of the condition. No person can take the principle of the condition of the spirit principle of the condition of

R. H. McDONALD & CO.,
Druggists and Gen. Agents, SanFrancisco
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Drugs & Medicines. CORTY THOUSAD CASES OF

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'By Their Fruits Ye Know Them.'

LOSSES PAID IN 51 YEARS.

\$26,000,000 00!

ITS PRESENT.

WEALTH AND WORTH

INDEMNITY! THE CHEAPEST is the BEST. PETER WHITE,



ABSTRACT

29TH SEMI-ANNUAL

Financial Statement

OF THE

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HARTFORD CONN.

ON THE FIRST DAY OF JANUARY, 1868

It received the GOL ME DAL of the former an Institute—the FIRST PREMIUM for THE BEST SEWING MACHINE, at the great New England Fair; the Vermont State Fair; the Pennsylvania State Fair; the Pennsylvania State Fair; the Meinigan State Fair; the Meinigan State Fair; the Howa State Fair; and at over 60 Connty Fairs throughout the West; making more First Premiums than were taken by all other sewing Machines together in the same time. It is now the great leading Family Sewing Machine all over the World. ASSETS AT MARKET VALUE Cash on hand, in Bank, and due from Agents. \$202.250 8

we take other machines in exchange. We sell Oil Cotton, Silk, Twist and Needtes for every kind of Sewing Machines.

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System excellent article of granulated Virgin-Total..... Total Lieblifties

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the year, to families, clubs, and merchants overy part of the country, from Maine to One Million Dollars.

One Dollar for each Article.

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WILL STITCH, HEM, FELL, Tuck, Cord. Bind, Braid Quilt Embroider Beautifully, it will, with the FINEST neede and threat, run from perfect work on the finest Nathstock, over

It rions easier, faster and stiller than any other machine. It forms a flat, even an elastic seam differing from every other stich each loop being TWISTED by means of

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sinces to "survive the washing," Old, worn out family garments, bosoms, pants, dresses, etc., have been submitted to Committees at FAHRS where was the greatest competition, and to this STITCH premiums have been awarded for its SUPERIORITY, DURABILITY, ELASTICITY and BEAUTY.

A patented device prevents the possibility of the machine being run in the wrong direction, or the balance wheel ever wearing or touching the dress.

THE NEEDLE CANNOT BE SET WRONG

NO BREAKING OF NEEDLES.

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Any one may adjust them IN THE DARK. The hem may be of one width. No other hemmer or feller is like this. It turns tho hem on the right or under side as you want

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Wherever introduced it is universally admired. It is put up in handsome muslin bags in which orders for Meerchaum Pipes are daily packed.

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It is produced from selections of the firest stock, and prepared by a patented and original manner.

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It is very aromatic, mild and light in weight-hence it wid last much longer than others; nor does it burn or sting the tongue, or leave a disagreeable after taste.

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This brand of Fine cut Chewing Tobacco as no superior acywhere.

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A house and lot in the vilinge of Negaunce, centrally located.

Also one hundred and seven (167) acres of land adjoining the village of Negaunce. This land borde s on the east end of feat Lake, and has upon it an extensive peat bed, the value of which has been tested. Also a bed of sand from which is obtained the material for the fire brick manufactured by the Lake Superior Fire Brick company. Will be sold at a bargain. Apply to

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