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### THE DAILY MINING JOURNAL: FRIDAY MORNING, APRIL 14. 1893.

### UPPER LAKE FURNACES.

Mr. Richard A. Parker's Demonstration of Marquette's Advantages for Iron Making.

#### GREAT NORTHWEST IS ITS NAT-URAL MARKET.

#### Widening Field That Is Waiting to Be Occupied-Facts and Figures of Great Interest

MARQUETTE AND PIG IRON Having in previous letters broket. forward evidence tending to show that raw material can be assembled at this port for the economical production of pig iron (by having the various iron ore mines within tweuty miles of an excel letter, to the upper peninsula of 1800 over the population of for coal for coking to be had at a cost IIL), it will be my effort, in this last presented to command the markets of the presented to command the markets of the the act to command the markets of the presented to command the pression to the pression to the striking conclusion that the pression to the pression Having in previous letters brought letter, to show that by reason of its increase of assessed valuation shows a geographical position, Marquette is well gain of nearly 330 per cent, for the entire area under discussion. In 1880 this northwest; and finally, that there must be provided within a very few years, additional furnace capacity to yield the inhabitants. The average number of margine needed for a consummtion that pig iron needed for a consumption that is rapidly increasing

TRAFFIC BELT SPANNED BY LAKES. If we look at a map of the United States, we see that the Great Lakes oc cupy a position midway between the oceans and form a portion of the northern boundary between the States and Canada. They hold a paradoxical po-sition, inasmuch as they are the means of promoting internal commerce to a wonderful extent, and at the same time they act as a wall or barrier for through cast or westbound freight, compelling a portion of the freight from the north-west to pass down and around the south end of Lake Michigan. It is unques-tioned that the great mass of moving freight from one ocean to the other is confined to a belt of territory not ex ceeding six hundred miles in a north erly and southerly direction. It may be remarked that the distance from the north shore of Lake Superior to the southern end of Lake Michigan is about five hundred miles. Within the 600-mile belt above referred to-that is, from the Canadian boundary, on the north to a point 100 miles south of Chicago, III.,—is practically embraced the north-ern half of the United States. It takes in the Eastern States, New York, Penn-

 in the Eastern States, New York, Penngyania, the northern half of Ohio, Iragiana, the northern half of Ohio, Iragiana, the northern half of Ohio, Iragiana, Chergon and Washing, Construction and Generation of the United States, for the census year 1800, Th

obstacles and following the line of least resistance. East bound freight will fol-low its course until it strikes Lakes Superior or Michigan, and its future course (that is, north or south of Lake Michigan) will danged mon its dation Michigan) will depend upon its destina-tion, and also its locus when it is neces-sary to decide whether to go to the north or south of the lake. It may be assumed that, other things being equal, freight will pass to the north of the ake that originates north of a line wid. Wisconsin, S. Dakota, Wyoming, Nevada, California, Minnesota, N. Dakota, Montana lake that originates north of a line midway between Marquette and Chicago. This line is shown upon the map and passes through Manistee, Mich., Red Wing, Minn., Pierre, S. D., and Baker City, Ore. The freight of this territory then may be considered as belonging to Marquette rather than to Chicago, an therefore, the growth of this countr country in its railroads, cities and other de mands for iron in its varied forms, properly belongs to this northern territory to supply. In area it amounts to a strip of land about three hundred miles wide and eighteen hundred miles long. or 540,00) gquare miles; this amounts to seventeen and eight-tenths per east, of the total area of the United States, exclusive of Alaska, of which no account has been taken, but which as its resources become better known, will be developed and add its quota to the Mid increasing call for iron and steel products. snonrest MAUL THROUGH THE UPPER United States Personage

that all of this difference could be eliminated, by a consolidation of small railroads. All of these figures go to show that practically there is but little difference the length of haul from Mar-quette to New York and that form Alif one 40-car train was loaded and dis-patched every hour, it would take very

quette to New York and that from Chi-cago to New York. great and wonderfully growing north-west territory, and its wants and needs in iron and steel must be met—and met RAPID GROWTH OF THE LAKE REGION. In order that the value and import-ance of the area controlled by and tributary of Marquette may be fully appreciated, a reference to the statistics of the late control will give an idea of by those best able to enter the field and hold it.

FIG IRON PRODUCTION AND POPULATION of the late census will give an idea of It is universally admitted that the growth of a nation is evidenced by its iron and steel output, and that the con-sumption of that metal is proof of its prosperity: the demand for iron has us-ually kept pace with the increase of population in this country, but eminent statisticians have propen conclusively the wonderful growth and increasing importance of that territory. In the Canadian provinces west of Lake Superior, comprising an area of about 320,000 square miles, the increase in population for the last decade showed an average in the several provinces of an average in the several provinces of one hundred and twenty-six per cent. In the northwest territory of the United States, that is, the strip of land statisticians have proven conclusively that the rate of consumption in this country, at least, is an accelerating one

an estimate concerning the probable de-mand of the world for pig iron in 1900, which is in sharp contrast to the con-

EDWARD ATKINSON'S ESTIMATE Tons. Tons. 25,000,000 Present production ... Increased consumption in the United States..... the United States..... Increased consumption in Great Britain, Germany 2,000,000

ail the rest of the world 6,000,000Total increase of demand15,009,600Total supply required...40,000,000He says: "If, then, one may predict<br/>a continuance of this law of accelerat-<br/>ing demand for the next eleven yearsing demand for the next eleven years



State.

tana ...

TABLE 1.-Memoranda of Railway Mileage in the "Northwest Territory." Track in State 1870. 1880; Proportion included. 1890 Square Miles Per mile of track Two-thirds One-half half N. Dakota 2,7501,988ee N. Daket e tenth e-eightl e-third 103.99121.10116 1,452 5,545 2,116 2,195 946 2,004 e-fourth 10

1,092 65

each or 8,000 trains of 40 cars to a train ; if one 40-car train was loaded and dis-patched every hour, it would take very mearly a year (333 days) to move this increase. From the foregoing, it is evident that a vast amount of business lies in this mand of the world for nig iron in mand of the world for nig iron in the same time, has not quite kept pace with the Keystone state; although the with the Keystone state; although the with the Keystone state; although the western states show a somewhat accel-increase in this particular. Taking the production of pig iron in the future at one while it will for a few years ense the

Taking the production of pig iron in the United States in the future at one ton for each six inhabitants, say 375 pounds per capita annually, the west-ern states must double their output of

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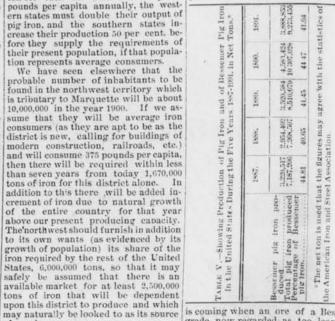
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is coming when an ore of a Bessemer grade, now regarded as too lean to be of value and neglected, will be sought

of supply. In this territory there is today but The ore has been obtained from the Vermilion (and quite recently the Me-saba) and Gogebic ranges: the fuel is Connellsville coal carried up the lake during the summer months and coked for and utilized, and will become a factor in the ore market. I might go still further and inquire the many other forms, but that line of inquiry would be of no particular value on the ground as needed. The product of this furnace has been mainly a Bes-semer pig, which has been rolled into semer pig, which has been routed into ship and boiler plates. This is the only source of supply for the great market that now is held and controlled by the that now is held and controlled by the that now is held and controlled by the

made in any six months' period in this country was made in the first half of the year 1890, when there was produced country was made in the first half of the year 1890, when there was produced 4,911,763 gross tons of iron, or at the rate of 9,823,526 tons per annum, an amount exceeding our largest yearly output by 620,823 tons. This excess would be equivalent to the output of about six of the largest furnaces in this country, operating continuously for one year.

stacks of the largest capacity or, one hundred of modern average capacity, and placed where their product can reach the markets which they have been planned to supply. In table No. V, is given a statement of the produc-tion of nerion and the produce of

tion of pig-iron and the percentage of Bessemer pig produced, showing that

the average production amounted to nearly 42 per cent. for 1891,

May, 189 10.0%

This shows an average output for the eight months cited (including the month the furnace was blown in) of 9,470 tons or equivalent to an output of 113,000 or equivalent to an output of 113,000 tons per annum. This, it must be borne in mind, is an exceptional record and has never been maintained for one year. The plant is modern and every aid has been given to increase the furnace yield. The principal dimensions of this furnace are: height of stack from hearth line to top platform, 79 ft. 9 in.: crucible, 11 Keyler and the state of the state of the state of the state of the top platform, 79 ft. 9 in.: crucible, 11 Keyler and the state of the stat top platform, 79 ft. 9 in.; crucible, 11 feet in diameter; bosh, which is straight its B"Sold by druggists, 75c. for 5 feet, is 23 feet in diameter; its lower edge being 31 ft. 6 in. above the

in a paper of this nature, which has been prepared to show that there must that now is included to the second se

SEVENTY MORE FURNACES WOULD BE NEEDED. If then the increased damaged even

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DEAP NESS CANNOT BE CORED by local applications as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mu-cous lining of the eustachian tube. When this tube gets inflamed you have a runnbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its nermal condi-

30.25 15.28 36.69

If a line be drawn from the south end of Lake Simcoe (in Ontario, southeast of Georgian Bay) easterly to Boston, Mass., it would mark the southern limit Mass. it would mark the southern limit<br/>from which the territory west of the<br/>lakes can be reached by a shorter han<br/>via the upper peninsula of Michigan<br/>than by any lines running south of<br/>Lake Michigan. This would include all<br/>of the states of Maine, Vermont. New<br/>Hampshire, one-third of New York,<br/>one-quarter of Massachusetts, all of the<br/>Canadian provinces of Nova Sectia,<br/>New Brunswick, Quebec, and about one<br/>fourth of Ontario. The commerce ofsites for obtaining the needed pig metal<br/>are absolutely called for.<br/>The railways of the United States in<br/>1890 amounted to 166.817 miles, while<br/>on equarter of Massachusetts, all of the<br/>fourth of Ontario. The commerce of<br/>fourth of Ontario. The commerce of<br/>this amount not including the metal<br/>fourth of Ontario.sites for obtaining the needed pig metal<br/>are absolutely called for.<br/>The railways of the United States in<br/>1890 amounted to 166.817 miles, while<br/>on equarter of Massachusetts, all of the<br/>fourth of Ontario. The commerce of<br/>fourth of Ontario.obtaining the needed pig metal<br/>are absolutely called for.<br/>The railways of the United States in<br/>1890 amounted to 166.817 miles, while<br/>on early 73.000 miles<br/>of nearly 73.000 miles<br/>of road. The railways now laid have<br/>onsumed over 2,500,000 tons of steel,<br/>and call annually for 230,000 tons of<br/>iron or steel for repairs, renewals, etc.,<br/>this amount not including the metal<br/>fourth of Ontario. The commerce of<br/>fourth of Ontario.production of 9.321,563 tons of 2,000<br/>the United States in<br/>ated at 38,000,000, the production of 2,000<br/>the chast at as and with a population.<br/>The railways of the United States in<br/>the states of Maine, Vermont, New<br/>from or steel for repairs, renewals, etc.,<br/>this amount not including the metal<br/>fourth of Ontario. The commerce of<br/>the chast at the production of population.of the states of 2,000<b New Brunswick, Quebec, and about one fourth of Ontario. The commerce of the north Atlantic seaboard, from Bos-ton north to the Gulf of St. Lawrence, can reach the west and northwest by passing between Lake Superior and Lake Michigan with a shorter haulthan by any other route. by any other route.

By lines of railroad already constructed the difference in the distances between New York and the southern shore of Lake Michigan (Chicago) and New York and Marquette is only sixty-ic miles, taking the Basederic six miles, taking the Pennsylvania Railroad company's mileage at 912. Company's mileage at 912.

Railroad company's mileage at 912. From Montreal to Marquette, in an air line, is 670 miles, while by rail it is 780 miles. This shows that the sea-board can be reached by a shorter haul from Marquette than from Chicago. From Marquette to Nary Vork site be aver 1870 of 55 per cent. In 1890, 440,749,767 bushels, increase bear of this section in the last three census years were as follows: In 1870, 135,037,358 bushels. In 1880, 248,761,247 bushels, increase over 1870 of 55 per cent. In 1890, 440,749,767 bushels, increase

All All Upper Pen.  $150 \\ 100$ 66.72 7.79 Michigan Total 21.949 Increase in decade 1870 to 1880-300 per cent Increase in decade 1860 to 1890-200 per cent TABLE III - Distribution of Population and Production of Pig Iron, According to Census Returns of 1800, 1870, 1880 and 1890 oductio pig troi bita ton roducifi pfg fro roduction pig iro Inhal per pig pig pler plgr 2 3,135,2839.97 7,571,201 27,64 145,10 Nev England States 26,00 2.69 706,56 113.3 117.87 3,487,924 155.85 9.05 8,965,821 23.17 10,×59.955 29.16 15.274.671 39.62 38,558.371 3,521,951 9.12 e States. 10,643,486 2,143.83 10.72 7.63 4.95 2.76 rcentage ern Stat 24.08 9,981.480 31.74 10,755.357 21.22 13,975,686 27.86 21.526,032 63.50 311.63 0.93 89.06 65.91 44.95 164,76 8.90 466,21 25.44 10.26 rn States 153,829 15,58 987,59 580,049 32.76 69.92 24.11 12.62 34 21 31.443,321 2.906.215 42.02 50,155,7 4,282,8 tast  $21.04 \\ 3.82$  $31.84 \\ 5.01$ 14.85 2,48 4,375,911 1,723,492 51,06 7,32 1622.54 9.24 58.74 9.13 8.54

el. S. Dakota

Nore.-The figures in the lines of "Percentages" represent the percentages of the total population (or product, as the case may be) of the United States.

territory bears to the state, we that the increase in agricultural pr ducts has kept pace with the wonderfu growth in its several other directions For instance, without going into deta here, we find that the totals of the

ly believed in the wonderful developase of Population

and Pig States.	Iron Product	ion in	the	United
		-		

Year	Production of Pig Iron, Gross Tons.	Increase		Rate of increase
1830	165,000		12,866,020	32.5t
1840	315,000	91	17,069,453	33.52
1850	864,000		23,191,876	35,83
1860	821,223		31,443,321	35.11
1870	1.696,4:9		38,558,371	22.63
1880	3,835.191		50,155,783	30.08
1890	9,202,703	140	62.622.250	24.86

ment of the iron industry said "I think it is safe to estimate. therefore, that in 1900 the world will re-

sites for obtaining the needed pig metal production of 9,321,563 tons of 2,000 of these yet-to-be-built furnaces, that to while for the four years preceding there was produced over 40 per cent. of the entire yield of the country. The

turns for the past four decades, shows the production of pig iron and distribu-tion of population. In the above-mentioned table, taken from an address by John Birkinbine, past president of the American Institute of Mining Engineers, in which the southern states are considered as all those south of the Potomac and Ohio rivers, and east of the Mississipni in southern states are considered as all those south of the Potomac and Ohio rivers, and east of the Mississippi, in-cluding Maryland and Louisiana; the New England states are the five states usually so called; and the middle states comprise New York, Pennsylvania, New Jersey and Delaware, all the rest of the country being embraced under the term western states. The figures for the United States are also given and as the table was prepared for a lecture to a local institute, those of Pennsylvania were separately stated in the table, besides being included in the middle states.

I for 5 feet, is 23 feet in dialitier, is 24 feet in dialitier, is 25 feet, is 24 feet in dialitier, is 26 feet, is 24 feet, is 26 feet, is 24 feet, is 26 feet tain, painless cure for every form of piles. It is safe, sure and cheap. Any druggist will get it for you if you ask him.



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ANE'S MEDIGINE i your address for a free sample Medicine moves the bowels ter to be bealthy this is necessary Y. In order to be healthy this is necessary.

board can be reached by a shorter that from Marquette than from Chicago. From Marquette to New York city, by 1,045 miles. From Chicago to New York city, by only 66 miles; and if a trunk line were established, it is quite fair to assume \$50000 Gold Bonds ad interest guaranteed by a com so,000, Paid up capital and paying so,000, Paid up capital and paying



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I o clock. Mr. Chandler then expressen a desire to address the senate on the Roach resolution but postponed his speech at the suggestion of Mr. Gorman and the senate adjourned until tomor-and the senate adjourned until tomor-

METAL PRICES.

NEW YORK, April 13.—Pig iron steady, uiet; American, \$12.75@15.50. Copper, steady; Lake, 11.30c.

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NATIONAL LEAD CO., 1 Brondway, New York, Chicago Branch, MARQUETTE and NEGAUNEE. State and Fifteenth Streets.

tonic for mothers nursing and those re-duced by wasting disease. It creates strength; improves the appetite. Nature's own remedy, much preferable to drugs, guaranteed absolutely pure and of age. Young wine ordinarily sold is not fit to use. Insist on having this standard brand, it costs no more. \$1 in quart bottles of the Royal Wine Co., Chicago. For sale by H. H. Stafford, Son & Co., Marquette, and J. N. Perkins & Co., Negaunee. The Lucar Paningula Brawing Co.'s Bock In the executive session of the senate today the Republicans berated the Dem-ocrats for their attitude in the Roach case and announced their intention of having the matter fully discussed in

naving the matter inly discussed in open session. The senate has confirmed the follow-ing nominations: Dominick I. Murphy of Washington, D. C., first deputy com-missioner of pensions; Caleb W. West of Salt Lake City, governor of Utah.

PLACES FOR DEMOCRATS.

WASHINGTON, April 13.-The presi-dent sent the following nominations to dent sent the following nominations to the senate today: Alexander W. Ter-rell of Texas, to be envoy extraordin-ary and minister plenipotentiary of the United States to Turkey; Jonn J. Haw-kins of Arizona Territory, to be asso-ciate justice of the supreme court of Arizona; James F. Reade of Arkansas, to be attorney of the United States for the western district of Arkansas; to be marshal of the United States for the western district of Arkansas; John H. M. Wigman of Wisconsin, to be attor-ney of the United States for the eastern nev of the United States for the eastern district of Wisconsin.

DESTRUCTIVE FOREST FIRE.

Over Two Hundred Farm Buildings Re-duced to Ashes.

RALEIGH, N. C., April 13 .- A forest fire in Warren county has destroyed over two hundred farm buildings and much other property. It burned ten dwellings, St. Stephen's church, two public schools and B. M. Collins' flouring mills. One wealthy farmer lost eleven buildings. Many cattle and hogs were burned to death and miles of fencing was destroyed.

#### THE STRAITS ARE OPEN

#### Boats Can Go Through the North Pas sage Easily

MACKINAC ISLAND, Mich., April 13.-The north passage of the straits opened last night. The south passage is blocked from the head of Bois Blanc to Cheboygan light. There is no trouble for boats to go through the north pas-sage between Mackinac island and Bound island. The ice in the south passage is very rotten.

### OIL REFINERY DESTROYED.

#### Engine Dropped Coals on Escaping Oil-One Man Hurt

BEFFALO, N. Y., April 13,-A. S. Holmes' oil refinery, covering twelve acres of ground on Seneca street, was destroyed by fire this afternoon to-

Atlantic.... Boston & Montana. Butte & Boston.... Calumet & Hecla. The Upper Peninsula Brewing Co.'s Bock Seer will be on draft in this city Saturday (4-13-3d) Centennial.. Franklin . April 15. Huron. The promptness and certainty of its cures have made Chamberlain's Cough Remedy famous. It is intended especially for coughs, colds, croup and whooping cough, and is the most effectual remedy known for these diseases. 25 and 50 cent bottles for sale by H. H. Stafford, Son & Co. Kearsage. Quincy... Santa Fe Tamarack for these diseases. 25 and 50 cent bottles for sale by H. H. Stafford, Son & Co. BECHAN'S PLLS for a bad Liver. Sufferers from Piles Shon I know that the Pyramid Pile Cure fill , romptly and effectually remove very trace of them. Any druggist will get if for you. Every hody is going to Neuberger's to get their suits and overcoats made. He has the artist cutter that can fit and please you (4.5-tf) The finest line of suitings, overcoatings and trouserings at Neuberger's merchant tailoring department. Map of the United States. A large handsome Map of the United States, mounted and suitable for office or home use, is issued by the Burlington Route. Copies will be mailed to any address on re-ceipt of fifteen cents in postage by P. S. "HA !- HA !- HARVESTS !"

A large handsome Map of the United States, mounted and suitable for office or home use, is issued by the Burlington Route. Copies will be mailed to any address on re-ceipt of fifteen cents in postage by P. S. Eustis, Gen'l Pass. Agent, C., B. & Q. R. B., Chicaro, Ul Chicago, Ill.

P.S. Lane's Medicine Moves the Bowels

D<sup>R</sup>PRICE'S

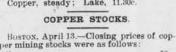
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The only Pure Cream of Tartar Powder.-No Ammonia; No Alum

Used in Millions of Homes-40 Years the Standard.

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Each Day. In order to be healthy this is necessary



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## An Indian 9 00 26 25 8 75 312 00 8 75 12 25 Outbreak

is a dreadful thing undoubtedly caused by the irritating effects of dirt. Outbreaks, and crime generally, are

never possible among people who are addicted to the use of



The great soother of angry passions-the promoter of health and goodfeeling. Cleans everything-injures nothing-don't be afraid to use KIRK'S Soap on the most delicate fabrics.

JAS. S. KIRK & CO., Chicago

Dusky Diamond Tar Soap A Superb Complex-

# To the WORLD'S FAIR

### Lake Michigan and LakeSuperior

Transportation Company

Will upon opening of navigation and until uly 1 next, place on sale tickets from Mar-uette to Chicago, either one way or round

SPECIAL LOW RATES.

Avoid the crowded railway trains and other discomforts of all rail travel, and combine pleasure and comfort

Jos. Berolzheim, G. P. A., Rush and N. Water Sts., Chicago, or F. B. SPEAR, Agent, Marquette, Mich. 4-7-3m)

Marquette, Mich.



## DR. SPEER & CO -SPECIALISTS IN-

# NERVOUS AND CHRONIC DISEASES.

Main office at 146 Washington St. (Mining Journal building) Marquette, Mich. Branch office at Saginaw Mich., and West Superior, Wis.

The physician in charge of the office is a graduate of the Medical Department of Harvard University.

#### YOUNG MEN

Who may be suffering from the effect of youthful follies or indiscretions will do well to avail themselves of this chance.

#### DR. SPEER & CO.

Will guarantee a perfect cure in all cases of weakness or private disease of any kind or character they undertake or forfeit \$250. They will therefore say to the unfortunate sufferers who may read this notice that you are treading on dangerous ground when you longer delay in seeking the proper remedies for your complaint. Then for the first time you will realize what negligence means. Our success in such cases can be best understood when we will positively declare that over 100,000 have been treated by us in different parts of the world. Call and get the benefit of our experience.

#### MIDDLE-AGED MEN.

There are many of the age of 30 to 50 who are troubled with too frequent evacuation of the bladder, often accompanied by a slight smarting sensation and weakening of the system in a manner which the patient cannot account for. On examination it will be found that the urine deposits a ropy sediment and sometimes small particles of al-bumen will appear or the color be of a thin or milkish hue, again changing to a dark and torpid appearance. There are many who die of this difficulty ignorant of the cause which is the second stage of weakness.

#### LADIES

Finding it inconvenient to call at the office can be treated by mail by sending a full description of their case.

#### DR. SPEER & CO.

Will guarantee a perfect cure in all such cases and a healthy restoration of the rgans. Examination and advice free to all. Remember the place, 146 West Washing-on street, Marquette.

P. S.-See our testimonials in the different papers from well-known people.

Never put off until tomorrow what you can do today. If you feel alarmed about you lungs take Dr. Speer & Co's, new lung treatment.



### THE DAILY MINING JOURNAL: FRIDAY MORNING, APRIL 14 1893.

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Bow on the Jas. Boss Filled Watch Cases, made by the Keystone Watch Case Company, Philadelphia. It protects the Watch from the pickpocket, and prevents it from dropping. Can only be had with cases stamped 0

with this trade mark. Sold, without extra charge for this bow (ring), through Watch dealers only.

Ask your jeweler for pamphlet, or send to makers.

## Do you want Marquette

Real Estate. If so call on us and get what you want centrally located and do it now while prices are low and terms easy.

MARQUETTE LAND CO. 318 Front St.

#### WANTED-FOR SENT OR SALE.

WANTED-Day boarders at the Hotel Brunswick; best table board in the city for the price; single meals thirty-five cents. Meal tickets on sale at the office. (4-12-tf)

WANTED-Faithful gentleman or lady to assist in office. Position permanent. Railway fare advanced here if engaged. Ez-close reference and self addressed stamped envelope. THE NATIONAL, 23 McVicker's building, Chicago, III. [4-11-15d]

FOR RENT-Two nicely furnished rooms. Apply to MRS. A. BERRY, 4-11-1w 506 N. Front Street. FOR RENT-A nicely furnished front room No. 202 W. Bluff street. 4-11-1w

CHOICE BUILDING LOTS for sale in the Raidwin addition. Inquire of WM. J. O'MEARA Harlow Block. (4-11-tf] PLEASANT-Front rooms to rent on Pine near Michigan St: cheap; all modern conveniences attached. Address A. B. C. this office. (4-8-1w)

 WANTED-Girl for general housework. Apply 134 West Ridge St
 [4-8-tf]

 WANTED-An experienced butler. Call at 29 E. Ridge st. between i and 6 o'clock P. M. 4-7-tf) MRS, E. BREITUNG.

G IRL WANTED-A firstclass cook wanted by Mrs. F. N. Breitune, 220 E. Bidge st. None but a competent cook need apply (4-7-tf)

(4-7-11) **F**OR SALE-so acres in Chocolay town-ship nine miles from city: 40 acres stable and log house. For further partic-ulars apply to (4-7-1m)

FOR SALE OR RENT-My residence corner Pine and Prospect streets. (4-6-tf) J. E. REAU. years of age, to a game as soon as weather permits. (4-6-tf) J. E. REAU. **F**OR RENT-Two houses on Arch St. des-inable location. Also desirable house on Front St. Call at Adams office, second story. 301 Front St. 12-17-tfl

DEER FOR SALE-Two beautiful deer, a male and female. Can be seen at the Branch Prison. A. W. MALMBORG, (444-tf) Hon. Peter W

FOR SALE-A two hundred dollar pool and billiard table can be secured for fifty dollars if applied for at once. Can be seen at prison. A.W. MALMBORG. (4-4 tt)

ROOMS AND BOARD-Furnished rooms with or without board at 502 Front St. (4-1-tf)

G. R. WATTS-Practical plano and organ rated and reparted. Good work guaranteed, correspondence solicted from all parts of the upper peninsul. Leave orders at O. N. Conklin's, Marquette, Mich. (12-6-10) terday.

from Ewen

are in the city.

berman, was a Marquette visitor yestərday. M. J. Peppard, the well known Minneapolis contractor, was in the city yes-

on World's Fair business.

Mr. and Mrs. Jacob Kraemer have left for the head of the lake where Mr. Kraemer will engage in business.

smith of Crystal Lake are in town.

PERSONAL MENTION.

E. Smith and D. McRae are down

Mr. and Mrs. A. H. Farnum of Ewen

Mr. and Mrs. H. B. Freeman are up

Mr. and Mis. Cook and A. Klingen-

M. J. Quinlan, the Menominee lum-

THEY NEVER FAIL. J. N. Harris, 3 Fulton Market, New York The theatrical season seems to be city, says: "I have been using Brandreth's pills for Mayor Kaufman's return has put all Turner's English Girls at the opera-ouse tomorrow evening; usual prices.

"They says" "I have been using Brandreth's pills for the last fifteen years. There is nothing equal to them as blood purifiers and liver regulators. But I wish to state how re-markably they cure rheumatism and how easily; I was affected by rheumatism in the legs. My business (wholesale fish dealer) naturally leads me to damp places. I could not walk, and at night I suffered fourfully; I tried balsams, sursaparillas and all kinds of tinctures, but they did me no good and I was afraid of being a cripple. I finally commenced using Brandreth's pills. I took two every night for ten nights, then I began to improve. I continued tak-ing them for forty days and I got entirely well. Now, whenever sick, I take Brandreth's pills. They never fail."

A Surgical Operation.

Head lake came through Mr. Reno who last night still insisted that he had lost a team-there you have it. For the cure of Piles is always painful, often dangerous and useless, and invari-ably expensive; on the other hand there is a new, certain cure, perfectly painless, gives instant relief and permanent cure and costs but a trifle. It is the Pyramid Pile Cure. It is a more certain cure than a surgical operation, without any of the intense pain, expense and danger of an operation. Any druggist will get it for you

Continuation of last Saturday's meeting of Adventists, Disciples and Bible Chris-tians at Alex Cameron's house, 128 W, Onio St., Marquette, Mich., Saturday, April 15, 1893. Those who cannot attend respond by letter. (4-11.5d) Miss Katie Smith was given a very pleasant surprise party Wednesday night at her home on South Lake street



Medicated and Toilet. Removes Tan. Sunburn. Freeklas, Pim ples, Biotches, Moles and preventa Removes this, Moles and prevents) and pless, Blockhess, Moles and prevents) and Roughness and that Oily appearance or the oil and restores the LOST COMPLEXION by the akin and removing the

ad effects of powder and cosmetic washes. LADIES will find the Oriental Soap st erior to all others for softening and beautifying perior to all others for softening and beautifying the skin. Gentlemen will find its use invalu-able after Shaving. It prevents Roughness of the Skin and is a Luxury for the Bath. FOR INFANTS it is worth its weight in gold, as it instantly allays the most severe itching and hurning, heals raw and irritated surfaces, removes acales and crusts and keeps the scalp beating end permutes the growth of the bair. healthy and promotes the growth of the hair **MOTHERS** and **NURSES** will find it abso lutely superior to all other **Medicated Soaps** for the Nursery and Bath. Price 25 cts. (2)

H. H. Stafford, Son & Co. Druggists, Agents, Marquette, Mich.



Dr. E. C. West's Nerve and Brain Treat-ment, a specific for Hysteria, Diznicos, Fux Neuralgia, Headache, Nervous Prostration, caused by alcohol or tobacco, Wakefuluess, Mental Depression. Softening of Brain.caus-ing Insanity misery .decay, death. Prema-ture Old Age. Barrenness. Loss of Power in either sex. Impotency, Leucorrhora and all Female Weaknesses. In voluntary Losses. Spermatorrhora caused by over-exertion of brain. Solf-abuse, over-indulgence. A month's treatment, \$1,6 for \$5 by mail. We Guarantee six boxes to cure. Each order for 6 baxes, with \$5 will send written guar-antee to refund if not cured. Guarantees issued only by H. H. Stafford, Son & Co. Neurostar, Maronette, Mich.





Hon. Peter White is in Chicago again It's use has brought thousands back to rosy health.

Emulsion Scott's of cod-liver oil with Hypophos-

phices is employed with great success in all ailments that reduce flesh and strength. Little



AT HAMILL'S, 108 Washington Street.

Night Call-

3-20-11

Telephone G. W. Hager's residence

About forty couples were present and dancing was indulged in until a late hour in the morning. Ulm, the man who got into trouble through undue familiarity with a Ne-gaunee merchant's cash, is the man who raised a disturbance in the lobby of the opera house Wednesday night and was ejected by Manager Ross. The cold wave materialized very em-phatically yesterday and fulfilled all that the weather bureau had claimed for it; it arrived as advertised and filled the bill in every other particular, great-ly to the disgust of shivering citizens.

out its regular cut.

REPORTORIAL PENCILINGS

the candidates on the anxious seat.

Mr. D. F. Charlton is preparing to

move to West Superior to reside per-

The county board of canvassers will

meet at 10:30 this morning at the court

house to take up the contest for super-visor in Ishpeming township.

The report of the accident at Sauk's

The Masonie dance last evening was

very largely attended and reflected great credit upon "The Committee" by

its thorough success in every particular.

The street railway track men com-

menced putting Spruce street in proper shape yesterday at the places where it

was left rough because the frost came

last fall before the extension was com

pening up in full blast.

nanently.

pleted.

The Winslow company is playing to great business at the Casino and will put on many new attractions tonight, Carter and Vance having new wrinkles to work in their great comedy musical acti Louise Perrin's dancing is taking sulendidly each picht. splendidly each night.

Circular No. 5, issued from the presi-dent's office of the Duluth, Missabe & Northern Railway company, is just at hand. It bears the signature of Alfred Merritt, president, and names Mr. D. M. Philbin as the general manager of the

company, appointment effective April 10, and orders heads of all departments to report to him in future. At the Dead river mill yesterday ice twenty-eight inches thick was being blasted out of the river and at night the

men had nearly reached the log piles. The ice is not only thick but is as firm as rock and would hold up a train of cars. Steam will be raised today, probably, for the first time this season and Monday the mill will begin turning The South End Base Ball club has organized for the season with the fol-lowing players; E. J. Corbett, c.; W. Maney, p.; D. Campbell, ss.; Geo. Bice, 1st b.; F. Wallace, 2nd b.; J. Hogan, 3rd b.; W. Sparling, ff.; C. Imeson, cf.; B. Bastien, rf. W. Sparling was elected captain and challenges any club in the city, members to be under seventeen



feel alarmed about

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To handle a line of household special ties. Big money to either sex that will work from six to eight hours a day.

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THE DAILY MINING JOURNAL: FRIDAY MORNING, APRIL 14, 1893.

# EVERY TIME

RHEUMATISM.

MAPLE HILL, MICH. Mr. John J. Smith. Ensley, Michi-gan, was afflicted with rheumatism 15 years; his case was pronounced incur-able by 3 physicians, but was cured by St. Jacobs Oil and has remained so. S. M. GEARY, Druggist.

SCIATICA.

SPRAINS.

GEORGE A. ROSE.

#### NEURALGIA.

NE:URALGIA. Mrs. Mary K. Sheed, 224 11th St., S. W., Washington, D. C., states that for several years she suffered terribly with facial neuralgia and could find no relief. The pain was intense. She re-solved to try St. Jacobs Oil. After having rubbed the parts affected three times only, all pain vanished and has not returned.

#### LUMBAGO.

LITCHFFELD, KANS, Isuffered 11 months with pains in the small of the back; pronounced in-curable by physicians; confined to the house most of the time. St. Jacobs Oil completely cured me. No return of pain in 4 years. LEVI P. MANSFIELD.

I was given up by doctors three years ago, when troubled with sciatic rheumatism, and had to use a crutch; suffered about six years. First appli-cation of St. Jacobs Oil relieved; two bottles cured. Mr. Charles Joseph, 119<sup>1</sup> Langton St., San Francisco, Cal., says: I sprained my ankle so badly I could not walk, and tried almost everything known, without relief, when one day a friend advised me to use St. Jacobs Ol. I did so and was speedily and wonderfully cured.

### BRUISES.

BARABOO, WIS. Have not felt the least effects from my hurts since I was cured three years ago. I fell from my engine and struck my back; thought the life was knocked out of me. S. W. DIXON.

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#### IN EVERY CASE IT SCORES A CURE.

=  $\equiv$  FOR SALE  $\equiv$ 

A valuable property in Red Jacket, Mich., for boxing Mr. E.T. Ourtis, Calumet. feet, with three buildings thereon. This is one of the best business properties in this lively town. Will pay 10 to 12 per cent rental on asking price clear of insurance and taxes. Also 13-room house arranged for three families; water closets, plumbing, city water separate for each family; a A valuable property in Red Jacket, Mich., lot 60x116 Discus

good renter; pays \$25 per month steady. Located in center of Houghton, Mich. For prices and terms apply to VAN ORDEN BROS, Real Estate and Insurance Agents,

Bank Block, Houghton, Mich.

3 Douglass House №

HOUGHTON, MICH.

-: Has changed hands :----

H. S. CANNON, PROPRIETOR.

Program of Superintendents' and Principals' Association Meeting

EDUCATIONAL QUESTIONS.

at Houghton Saturday.

ARMORY OPERA HOUSE OPENS TOMORROW EVENING.

Great Advance Sale Promises Large Audience for the Occasion. Personal Notes

All communications for copper country de-partment intended for publication should be addressed to A. F. Isler, Houghtonl

#### HOUGHTON.

The annual meeting of the Superin tendents' and Principals' association of Houghton and Keweenaw counties will be held at the High school building in this city tomorrow morning. Following is the program:

MOINTING SESSION, What, and How Much, in addition to English, can be Profitably taught in the Primary Grades to the Children of For-eigners who do not speak English ?...... Miss Lizzie Mackay, Atlantic. Disension lad by

Miss Lizzle Ancasay, Discussion led by. Mr. J. A. White, Jacobsyille. Is an Undue Proportion of Time given to Arithmetic in the Grades? Miss M. McEthinney, E. Houghton.

ion led by ..... Mr. E. T. Curtis, Calumet.

AFTERNOON SESSION.

Opera House takes place tomorrow evening. The advance sale exceeds anything ever seen here. The boys are working hard and will give a first-class minstrei show with all new jokes, new songs, in fact everything will be new. The street parade will be at noon, headed by the Houghton Silver Cornet band.

MARQUETTE, MICH. №

HAGER & JOHNASON M'fg. Co.

: MANUFACTURERS OF A FULL LINE OF :-

BUILDING MATERIA

### Sash Doors, Inside Finish, Mouldings, Battens, Shingles, Lath, Counters, Church Pews, Tables, Store Fronts, Bar Fixtures and Wall Protectors.

COMPLETE HOUSE BILLS ORDERED WORK A SPECIALTY

Can supply the best makes of hardwood flooring. Send us your orders, large or small.

NOTICE TO CONTRACTORS

House in this city which will probably

House in this city which will probably be accepted.
 Some four or five of Lake Linders' some scale of the Cleary Busic scal



on car lots of

Remember "Dorothy" at the Opera Will quote you INSIDE PRICES BLASTING POWDER,

A snow storm and hard freezing weather was the order of Thursday. Lime, Cements. Rock Plaster, Ada-mant, Heir and Stucco.

Ex-Marshal Sullivan intends to give Money saved for you every time. (4-1-tf)



MICHIGAN MINING SCHOOL.

Blasting Caps, Safety Fuse, And Electric Exploders Supplied at Lawest Rates



The new management will spare no pains in making this hotel the best in the upper peninsula. Steam heat in every room, hot and cold baths, electric lights. My motto: Bill of fare the best the market band. [1-7-eod]

APTERNOON SESSION. Supplementary Reading. Mr. H. Z. Brock, Hancock. Discussion led by. Mr. Andrew Paton, Opechee. Time and Place for Kindergarten Work... Miss S. J. Wheaton, Calumet. Discussion led by. Mrs. Ida Collins, Houghton. Relation of County Commissioner to Public Schools. Mr. A. D. Edwards, Atlantic. Business Meeting. The dedication of the new Armoneter blood was very great but fortunately there is no fracture of the skull. The The dedication of the new Armory ward of the company's hospital, where when last heard from he was doing F. injured man was taken to the accident RED JACKET.

House this evening.



based, highlut, how tying sick with typhus in Montreal civic hospital, em-barked at Liverpool March 16 last, on the Allen steamship "Buenes-Ayrean," and landed at Halifax March 29. On reaching Montreal, March 30, this immigrant was The Only Leader of Low Prices in the City

w Prices in the City. WHOLESALE AND RETAIL, WHOLESALE AND RETAIL,