## Mining News

## COPPER OUTPUT OF THE WORLD

CAREFUL ESTIMATE OF THE PRO-DUCTION OF THE MINES IN ALL COUNTRIES FOR 1901.

#### UNCLE SAM'S MINES SHOW SMALL INCREASE

At the Same Time the United States Continue to Produce More Than Half of the World's Supply-Spain the Next Largest Producer-Market Gain in Present Year.

[Engineering and Mining Journal.]

We have received the yearly circular of Messrs. Henry R. Merton & Co. of London, giving their estimate of the copper production of the world in toot. The long experience of this firm and the careful preparation of the figures have made this circular an authority for the countries where official statistics are not obtainable. We give below the estimate of the single We give below the estimates of the circular, substituting those collected for the Engineering and Mining Journal for the United States, and the official statements for Canada. The figures are in long tons, of 2,240 pounds:

Asimplified	005	1,015
England	650	600
Germany	20,410	21,720
Hungary	490	320
Italy	2,955	3,000
Norway	3.9.15	3,375
Russia	8,000	8,000
Sweden	450	450
Spain and Pertugal	52,872	53,621
Turkey	520	980
Total, Europe	61,147	93,081
Bolivia	2,700	2,000
Chile	25.700	30,000
Peru	8,220	9.520
Total, South America	36,020	41,520
Canada	8,446	18,282
Mexico	22,050	24,795
Newfoundland	1,900	2,000
Total, North America	32,396	45.077
Australasia	23,000	30,875
Japan	27.840	27.475
Cape of Good Hope	6,726	6.400
Total, outside of U.S.,	17,123	244.428
United States	68,229	270,616

Total ..... 485,352 515,044
Total, metric tons ... 493,148 523,285

mentioned above were not important.

No new producing countries appear in the list this year, and no old producers have dropped out. Spain remains the largest producer next to the United States, though its total was only about one-fifth of our own. Chile probably reached nearly its possible maximum last year. The growing producers are Peru, Australasia, Canada and Mexico; especially the last named country, whose future as a copper producer is only just beginning to be appreciated. In fact, the estimate given for Mexico; is a very conservation. preciated. In fact, the estimate given for Mexico is a very conservative one, and we believe that the figures for 1902 will show a much larger gain. The large production of Canada in 1901 was chiefly from the British Columbia mines, to which a great deal of attention has been given in our columns during the past year; and from them further gains are to be expected.

pected.

The incerase in the world's production in the five years 1897-1001 has been 111,197 metric tons, or 28 per cent; so that the total gain in 1901 was quite up to the

average of those years, notwithstanding the comparatively small increase in the United States. The drop in European consumption last year, though considerable, was less than we had been led to estimate from our own diminished exports; and this loss is being made up by a marked gain in the present year. With the great consumption now manifest in this country, we look for a demand this year very nearly up to the probable production,

#### CALUMET AND HECLA STOCK IS A PAYING INVESTMENT

Sundry Points Which Make the Man With Certificates Feel Certain of the Next Dividend.

Calumet & Hecla stock once sold at 874 Calumet & Hecla stock once sold at 8,1% cents per share, but that was November 16, 1871. It is now quoted at about \$570 per share. It has been much higher. There has been only one year, 1884, since 1871, that it ass not paid more than \$1,000,000 in dividends. In 1872 it paid \$2,400,000, and with the exception of the off year mentioned it has paid less than \$1,500,000 only once, which was in 1887. In that year the amount aggregated only \$1,000,000,

\$1,000,000,

The greatest amount paid in dividends in one year was in 1890, when it reached the enormous sum of \$10,000,000. The other good years were 1897, when \$4,000,000 was paid: 1898, when the stockholders received \$5,000,000, In 1900 they ceived \$7,000,000, and in 1901 they pocketed \$4,500,000.

At one time the Calumet & Heela com-

pocketed \$4,500,000.

At one time the Calumet & Heela comprised two distinct companies, the Heela and Calumet, but in May of 1871 they were consolidated. In 1866 Calumet stock sold as low as \$r per share, but at that time only a little exploration work had been done on the property. An assessment of \$15 per share was levied on the stock, and it put a number of the stockholders out of business. Those who stood the draft soon got their money back again, for shortly before the consolidation of the two companies Calumet paid the money back in dividends.

Heela stock never sold as low as Calu-

panies Caumet paid the money back in dividends.

Hecla stock never sold as low as Calumet. In 1866 it was put on the market at \$5 per share and never went lower than that figure. Prior to 1871 it had taxed its stockholders \$25 per share in assessments, but had paid \$32.50 in dividends.

The highest point Calumet & Heela ever reached was in 1890, during which year the big copper boom was at its zenith. It then sold at \$805 per share.

From the time of the consolidation in 1871 up to the present time the Calumet & Heela has paid 116 dividends amounting to \$78.850.000. Prior to the consolidation the

\$78.850,000. Prior to the consolidation the Hecla company paid five dividends aggre-

### Mining Notes.

county have fallen out among themselves and stopped work on the property. It is thought the difficulty will soon be straight-ened out, however, and that operations will then be resumed on a more extension. Owners of the Climax mine in Park

Hon, H. L. Frank will be turning out 1,000 tons of coal per oay by the first of July. His mines are located at Frank, in the Crow's Nest pass, Canada, 90 miles west of the Great Northern railroad connection with the Canadian Pacific directly north of Great Falls.

A strike was made at Silver Star last week. Mr. Rood, while exploring an old tunnel, discovered ore in the bottom of it which had been overlooked. Digging about to inches and cleaning off the dirt, he attempted to break off a piece of the ore for examination. He broke it off, but when he tried to pick it out he found it held fast by shreds of gold.

Cyaniding ore has been found in the vicinity of the Twin Sister peaks in the Belt mountains, Northern Montana. It is likely to prove an important discovery, as there is said to be a large quantity of it. Mining men are engaged in opening up the vein. Among those who own claims in the new district are J. M. Giroux and John Tierney, while W. A. Dover is interested in several locations. So far the ore found is low grade, but there is every indication that it will become richer as depth is attained.

Best wood, \$4.75 cord. City Voodyard, 218 South Main. Telephone 184.

\$34.50 Summer Excursion East.

The Great Northern Railway company will sell reund-trip tickets to Minneapolis for \$4.50. good going July 4, 5 and 6, and good returning until September 1. Stopover allowed at all points on return trip. For further information call at Great Northern office, 41 North Main street, Butte. J. E. Dawson, General Agent. o

NOTICE OF FORFEITURE.

Butte, Montana. April 8, 1912.
To Thomas L. Porter, or Assigns:
You are hereby notified that I have expend-

## This Housefurnishing **Emporium** Prunes Prices Again

We have selected June, the great month of marriages, as a fitting time to demonstrate our supremacy as providers of reliable housefurnishings. The newly married who would make the most of the money at their command in furnishing the little cottage or the stately home will find profitable food for thought in our June bids for their patronage.

# Dining Tables

Remember you can not live on love—there must be something to eat and a table on which to place it. We have 44 styles of Dining Tables, and our reduced prices save you from \$1.25 to \$10.00 on this one item.

Please read and heed these price reductions.

No. 818 Dining Table

Is a round drop leaf turned leg table in immitation of Oak, worth \$4.50,

No. 818 1-2 Dining Table

Is square, has drop leaf, turned legs and a strong

No. 2 1-4 Extension Table

No. 6 Extension Table Solid Oak box frame, large turned legs, a splendid \$15.00 table, 6-foot when extended, slightly chafed in transit; reduced



#### PATENT VICTOR DINING TABLES

Self-leaf holders, that can be extended at either end, without removal of cloth or dishes. The table that carries its own leafs in its frame and is so simple that a child can manipulate it. We are special Butte agents for this famous diner and can supply them in the \$20.00 grade during this sale only. For

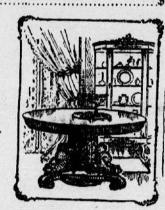
No. 4201 Round Dining Table

A swell affair in oak golden finish extends to 6 feet and has large fluted legs, hard wood extention frame, very strong table worth \$16.00, \$13.50

#### No. 45158 Pedistal Dinner

Square massive, elegantly finished table, supported in the center with carved and fluted pedestal, a rich piece of solid oak funiture in hand polished golden finish, worth \$32.50.

### No. 48167 Pedistal Dinner



We offer a varied and well-selected stock comprising more styles and a greater variety than can be found elsewhere in this city. We quote prices for 6 out of 70 styles.



No. 12 Elm Rocker

No. 266 1-2 Elm Rocker

Golden finish, brace arm, high back, upholstered back and seat, worth \$4.50, ...... \$3.25 No. 917D Oak Rocker High back, golden finish, with spindle supported arms, leather cobbler seat, worth \$4.25 \$3.25

No. 910D Oak Rocker Oak or mahogany finish, from quarter sawed oak, leather upholstered back and leather cobbler seat, pretty oval arms, worth \$6.00, for ... \$4.50

No. 4000 Rattan Rocker

No. 985 Oak Rocker

Quarter sawed, hand polished, golden finish, leather upholstered seat and back, worth \$12.00\$5.80

### Dining Chairs

Strong, well finished and in many attractive shapes; a grand showing of the entire line of one of the world's largesst factories. Five num-bers singled out of the line:

No. 400 Dining Chair

No. 15 Dining Chair A straight, high-back chair, marked \$1.15, also a

strong favorite. No. 16 1-2 Dining Chair

No. Il 1-2 Dining Chair

Brace-arm affair, golden gloss finish, quite stylish; worth \$1.50.
Cut to \$1.00 No. 361 Dining Chair

## Couches

No. 1 Couch

No. 2 Couch

ging, and many other features of merit help to make them the best to be had. No. 158 Couch

Oak Rococo frame, upholstered in striped or plain imported velour, best steel construction. A \$20.00 value cut to ...... \$14.75

No. 182 Couch

No. 364 Couch

Our display of Couches cosmprises all the latest shapes, upholstered in leather, velour

and tapestries. Por comfort, elegance and service you can find nothing better. Steel construction for foundation, best tempered steel springs, canvas covered to prevent sag-

No. 2449 Davenport Couch

Heavy mahogany frame, upholstered in crushed plush, steel springs and guaranteed construction. A grand piece of furniture, reduced from \$50.00 to......\$37.50

### Brownfield-Canty Carpet 48 to 54 West Park and 41 to 45 West Galena Streets, Butte, Montana.

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ed during the year 1901, one hundred dollars in laior and improvements upon the Julian Lode claim, situated in Summit Valley mining district, Siver Bow county, Montana, about 4½ miles southeast of Butte City, Montana, of which the declaratory statement is found of record on Page 76 of Book "D" of lode claims, in the office of the recorder of said county of Silver Bow, in order to hoid said claim under Bow, in order to hoid said claim under Bow, in the office of the recorder of said county of Silver Bow, in order to hoid said claim under Bow, in the office of the recorder of the period ending the hold said dole for the period ending the hold said to contribute your population of said end the said to my agents, the L. E. Rickards Co., at Butte, Montana, your laterest in the claim will become the property of the subscriber, your co-owner, by the provisions of said laws.

MINING APPLICATION NO. 4517

United States Land Office,

United States Land Office,
Helena, Montana, May 1, 1902.

Notice is hereby given that Henry Smith, and John F. Nettle, the heirs of William T. Lewis, deceased, and William B. Thompson, whose postoffice address is Butte, Montana, have this day filed their application for a patent for 334.3 linear feet, being 68 feet north-easterly and 200.3 teet southwesterly from discovery shaft of the Big Timber Fraction Lode Mining claim, upon which a notice of intention to apply for a patent was posted on the 23d day of April, A. D. 1902, situated in unorganized mining district, Silver Bow county, state of Montana, designated as Survey No. 505, in Township 3 north, Range, west, and being more particularly described us follows, to writ:

Beginning at the northeast corner, which is also the point of intersection of the west end line of Survey No. 201, a granite stone set in he ground with a mound of earth alongside and marked 16,688 for corner No. 1, from which the southeast corner of Section 34, Township 4 north, Range 7 west bears north 32 degrees 25 minutes 40 seconds east 7,604 feet; and Tunning thence north 74 degrees 17 minutes west 350 feet; thence south 11 degrees 05 minutes cast 1335 feet; thence south 14 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 11 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1335 feet; thence south 12 degrees 19 minutes cast 1345 feet; thence north 14 degrees 19 minutes cast 1345 feet; thence south 15 degrees 19 minutes cast 1345 feet; thence south 12 degrees 19 minutes cast 1345 feet; thence south 12 degrees 19 minutes cast 1345 feet; thence south 15 degrees 19 m

degrees of minutes west 351.5 feet to the place of beginning, containing an area of 2.22 acres of which Lot acres are in conflict with Survey No. 2101. not claimed, leaving 1.21 acres claimed by the above named applicants.

The location of this claim is of record in the county recorder's office of Silver Blow county, Montana, in Book "R," of lode locations on Page 313.

The adjoining claims to these premises are, on the northwest, Survey No. 201; Big Timber lode, on the east, Survey No. 368; Cide lode, and on the south Survey No. 446e, Blue Bird lode.

GEORGE D. GREENE, Register, SAMUEL BARKER, JR.

SAMUEL BARKER, JR., Attorneys for Applicants, (First Publication May 2, 1902.)

MINI.. G APPLICATION NO. 4519. United States Land Office, Helena, Montana,

United States Land Office, Helena, Montana, May 1, 1902.

Notice is hereby given that Arthur Smith and John F. Nettle, whose postothee address is Butte. Nontana, have this day filed their application for a patent for 207.5 linear leet, being 40 feet easierly and 257.5 feet westerly from the point of discovery in cut of the Decatur Fraction Lode Mining claim, upon which a notice of intention to apply for a patent was posted on the 22d day of April, A. D., 1902, situated in unorganized mining district, Silver Bow county, state of Montana, designated as Survey No. 6571, in Township 3 north, Range 7 west, and being more particularly described as folkers, to-wit:

Beginning at the southwest corner, a point in the north side line of Survey No. 673, a granite stone set in the ground, with a mount of earth and stone alongside and marked 1-6571 for Corner No. 1, from which the 44 section corner on the south boundary of Section 17, Township 3 north, Range 7 west bears south 50 decrees 38 minutes west to.20.8 feet, and running thence north 76 degrees 30 minutes sest 63, feet; thence south 76 degrees 30 minutes west of 8, feet; thence south 6 degrees 30 minutes west 58, feet; thence north 8 degrees 30 minutes west 58, feet; thence and 6 degrees 30 minutes west 58, feet; thence and 6 degrees 30 minutes west 58, feet; thence and 6 degrees 30 minutes west 58, feet; thence and 6 degrees 30 minutes west 58, feet; thence and 6 degrees 30 minutes west 58, feet; thence and 50 degrees 30 minutes west 58, feet; thence and 50 degrees 30 minutes west 58, feet; thence and 50 degrees 30 minutes west 50, feet; thence and 50 degrees 30 minutes west 50, feet; thence and 50 degrees 30 minutes west 50, feet; thence and 50 degrees 30 minutes west 50, feet; thence and 50 degrees 30 minutes west 50, feet; thence south 56 degrees 50 minutes are 30, feet; thence south 56 degrees 50 minutes west 50, feet; thence south 56 degrees 50 minutes west 50, feet; thence south 56 degrees 50 minutes west 50, feet; thence south 56 degrees 50 minutes and 50, f

Survey No. 2395, Decatur Lode, on the north Survey No. 1151, Scottish Chief Lode, on the east, and Survey No. 6123, Lillie Lode, on the south. GEORGE D. GREENE, Register.

SAMUEL BARKER, JR.,
Attorney for Applicants,
(First Publication May 2, 1902.)

MINING APPLICATION NO. 4513.

United Star'ss Land Office,
Helena, Montana. April 24, 1992.

Notice is hereby given that Donald B. Gilles, whose postofice address is Butte, Montana, bas this day filed an application for a patent on the Bettle Gilles. Please Montana, has this day filed an application for a patent on the Bettle Gilles. Please Montana, has this day filed an application for a patent on the Bettle Gilles. Please Montana, has position, course and extent of the said mining claim, situated in amorganized mining district. Silver Bow county, Montana, the position, course and extent of the said mining claim, designated by an official survey thereof, as Survey No. 6425, Township No. 2 north, Range No. 7 wees, a notice of which was posted on the claim on the 18th day of April, 1903, and being more particularly set forth and described 19 'ne official field notes and plat thereof on file in this office, as follows, to-wit:

Beginning at Corner No. 1, a granite stone axiox 6 inches above ground, marked 1-6425, from which the quarter section corner to Sections 21 and 22, Fractional Township 2 north, Range 7 west, bears north 15 degrees 30 minutes east 1515-5 feet; and running thence south 60 degrees 52 minutes west 2005, feet to Corner No. 2; thence south 42 degrees 30 minutes west 2005, feet to Corner No. 41, thence south 45 degrees 32 minutes east 515-5 feet; and running thence south 3 degrees west 315 degrees 52 minutes cast 642-8 feet to Corner No. 8; thence north 3 degrees west 105-6 feet to Corner No. 8; thence north 30 degrees west 474.5 feet to Corner No. 8; thence north 30 degrees west 474.5 feet to Corner No. 1, the place of beginning containing an area of 10.88 acres, as claimed by the above-named applicant for patent.

The location of this mine is recorded in the office of the Recorder of Silver Bow county, on Page 415, in Book "C" of Placers. The adjoining claims are: On the north, the Orlon placer, Survey No. 467, Lynnic F. Boyce, applicant; on the north-ask, Survey No. 1625, Mouth of Black Tail Canyon placer, Lot No. 40, James

George W. Rea et al., applicants, GEORGE D. GREENE, Register, JOSEPH H. HARPER, United States Claim Agent. (First Publication April 25, 1902.

MINING APPLICATION NO 4515. United States Land Office, Helena, Mon-

Winted States Land Office, Helena, Montana, May 1, 1902.

Notice is hereby given that Henry Smith, James R. Thompson and Oliver J. McConnell, whose postoffice address is Butte. Montana, have this day filed their application for a patent for 81,35 linear feet, being 80 feet westerly and 73,55 feet easterly from the point of the Little Mississippi of the patent of the patent of the Little Mississippi of the Mis

SAMUEL BARKER, JR., Attorney for Applicants. (First Publication May 2, 1902.)

1 unchallengeable proofs of cures sent sealed on application. 100 mage book is finely illustrated with seveny photographs, among them photographs and affact to do whose head is shown here (see page 30 to 74; 10) mage hould, the an affidivit of photographs who pictures. The first picture was taken but 10, 18, the other dotober 18, 1888. Our book allows a ting down any time of the control of the c

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