

as usual, and this has drawn attention to this property, and Canadian Gold Fields Syndicate.

Amongst the industrials the common stock of the Dominion Iron & Steel has been the feature, and there has been quite a big speculation in it.

Nova Scotia Steel has also participated in the improvement of the Steel industry. In Dominion Coal there has been but little doing.

There is a strong undertone to all markets just now, and the indications are that this year will see speculation again turned to mining stocks, and that the industrials will participate in the improved trade of the country.

The following are the latest quotations:—

Par value of shares.	Asked.	Bid.
.10 Canadian Gold Fields Syndicate.	.054	.05
1.00 Centre Star.	.354	.344
1.00 Deer Trail Consolidated	.014	—
1.00 Giant.	.034	—
10.00 Granby Consolidated	.104	.104
10.00 Montreal and Boston	—	—
1.00 North Star.	.00	.044
1.00 Payne	—	.02
1.00 Rambler Cariboo.	.40	.15
1.00 Republic.	—	—
1.00 St. Eugene.	.50	.49
1.00 White Bear.	.04	.00
100.00 Nova Scotia Steel (common)	.68	.66
100.00 Nova Scotia Steel (preferred)	122.00	118.00
100.00 Dominion Coal (common).	78.00	76.00
100.00 Dominion Coal (preferred)	123.00	121.00
100.00 Dominion Iron and Steel (com.)	27.00	26.50
100.00 Dominion Iron and Steel (pfd.)	76.00	74.00
— Dominion Iron and Steel (bonds)	\$4.00	\$2.50

### INDUSTRIAL NOTES.

We have received from the B. Greening Wire Company a handsome calendar for the new year. The firm writes as follows:—"Since last we had the pleasure of addressing you we have issued our new catalogue—one for each department. We hope you received yours safely, but should you not have done so, or should it have become mislaid, let us know, naming the line you are particularly interested in, and we shall have pleasure in forwarding you another. Our painting tower, destroyed by fire last March, has been rebuilt with all the latest improvements we could hear of or our experience could suggest, and we are now turning out Screen Cloth in 100 ft. or 50 ft. either green or black. Kindly note 100 ft. rolls are the standard. Our Netting Mill is running full time, and we fully expect to be able to meet any demand that may be made upon us for this or Screen Cloth. We particularly request correspondence regarding any of our lines. In wishing you the compliments of the season and a prosperous 1906, we desire to thank our numerous friends and customers for past favors, and solicit a continuance of same."

Mr. C. S. Powell, general agent of the Westinghouse Electric & Mfg. Company, who has for sometime occupied offices at 11 Pine Street, New York, has removed to the offices of the Company on the 19th floor of the Trinity Building, 111 Broadway. The Westinghouse Electric & Mfg. Company, in addition to their offices in the Hanover Building at 14 Pine Street, occupy the entire 19th floor of the Trinity Building.

The Westinghouse Electric & Mfg. Company are doing a large business in equipping mines with electric locomotives, to replace the older forms of haulage, whether animal or mechanical. Electric mine haulage considered from either the points of efficiency or economy, has so many advantages, as compared to the older practice, that the time is not far distant when any other method of mine haulage will be the exception. A recent contract closed by the Westinghouse Company is one with the Newport Mining Company, who have decided to equip their mines at Ironton, Mich., with both surface and underground electric haulage. They will use electric locomotives the year around in the various levels underground for bringing the ore to the bottom of the shaft, and after the transportation season has closed will use electric locomotives on the surface for hauling ore from the top of the shaft to the various stock piles for storage. For these purposes they have ordered 6 four-ton Westinghouse mine locomotives. Electrical apparatus for the equipment of the necessary power station will also be provided by the Westinghouse Company, consisting of a 150 Kw., 250 volt generator, direct-connected to a Corliss engine of 130 r.p.m., and a three panel switchboard, besides other auxiliary apparatus.

Two 50-h.p. boilers, and compressor and other plant, have been installed at the O'Brien mine, at Cobalt.

At the Preston and Elkhorn mines, at Greenwood, B.C., electric hoists have been recently installed. These hoists were supplied by the Denver Engineering Works.

### RECENT MINING AND METALLURGICAL PATENTS.

(Specially reported for the CANADIAN MINING REVIEW.)

804,053—Coke-Oven. Mathew E. Rothberg, Cleveland, Ohio.

A coking-oven having in combination a series of adjacent coking-chambers, reverting heating-flues in the side walls of the coking-chambers, a transverse stack-draft flue in the foundation at one end of said heating-flues, vertical off-gas flues connecting said stack-draft flue with said heating-flues, a transverse air-supply flue in the foundation parallel to said stack-draft flue and at the other end of said heating-flues, and combustion chambers under the ovens and having connection with said air-supply flue.

803,544—Apparatus for Refining Lead by Electrolysis. Anson G. Betts, Troy, N.Y.

The combination with a cathode, an anode and an electrolyte adapted to dissolve metal from the anode and electrodeposit the same; of a containing-vat having its inner surface formed of a metal capable of being dissolved in said electrolyte and of a potential intermediate between that of the cathode and that of the anode.

803,886—Treatment of Iron Ores, etc. Carleton Ellis, New York, N.Y.

Process for reducing iron ores which consists in treating a progressively-advancing stream of the ore with a flame of high heat intensity and in interposing between said flame and ore a flame or current of a reducing character.

803,830—Ore Concentrator. James J. Kennedy, Guthrie, Okla. In an ore-concentrator, a sluice-box, means for delivering ore thereto at a point near its bottom, and means for supplying air to the box in a plane above that of the feed of the ore and toward the top of the box.

803,737—Furnace for Smelting Ore. Ralph Baggaley, Pittsburgh, Pa.

A matte-furnace having converting-twyers near the bottom adapted to play into a clean body of molten matte, smelting-twyers above adapted to play into a floating charge, connections extending from the converting and smelting twyers and supplying thereto air under pressure, and a burner supplying heat above the smelting-twyers.

804,186—Process of Treating Ore-Slimes, etc., containing Gold, Silver, or other values. Louis J. Drabek, Turner, S.D.

A process of treating ore-slimes to obtain values therefrom, charing the slimes with a cyanid solution into a tank causing the slimes to settle and accumulate in thickness in the bottom of said tank discharging the thickened portion by its own weight and that of the overlying solution into the top of a second tank having a barren solvent solution therein, filtering off the value containing solution, allowing the heavy slimes to settle and accumulate in the bottom of said tank, discharging them into a third tank where they are washed with water, and then filtering the values from the slimes so treated.

804,412—Dumping Car. John H. Kelly, San Francisco, Cal. The combination of a truck, a car-body tilting thereon, a swinging gate closing the front end of said car-body, a cable secured at its ends to said gate and to the frame, parts carried by said frame and car-body around which the cable passes, the position of the parts being such that when the car-body is tilted the cable is relaxed to allow the gate to swing open.