

The appointment of the following mining recorders and deputy mining recorders for the several mining divisions named, has been gazetted:

Ainsworth.—Robert James Stenson, Kaslo, mining recorder; William John Green, Kaslo, deputy.

Nanaimo.—John Stewart, Ladysmith, deputy.

Similkameen.—Perley Russell, Granite Creek, deputy.

Skeena.—Bart E. Daily, Unuk River, deputy.

TRADE NOTES AND CATALOGUES.

The Canadian Westinghouse Co. lately issued an artistic publication, freely illustrated, and describing briefly the lines of apparatus manufactured at its works at Hamilton, Ontario. Copies of this pamphlet can be obtained on application to the general offices of the company at Hamilton. Another recent publication of this company is a booklet on the Westinghouse Protective Apparatus for outdoor circuits requiring protection from lightning.

The Westinghouse Electric & Manufacturing Co., Pittsburg, Pa., has issued Folder No. 4047, Type B Westinghouse Integrating Wattmeters, single-phase 7200 and 16000 alternations for two and three-wire circuits.

The Wellman-Seaver-Morgan Co., of Cleveland, Ohio, has published a pamphlet descriptive of its mine cages, skips, ore cars, etc.

The Jeffrey Manufacturing Co., of Columbus, Ohio, has had printed a Supplement to Screen Catalogue No. 69, showing numerous classes of screens the company manufactures, excavating machinery for sand and gravel, cylinder dryers, etc. Folders, illustrative of coal tippie equipment; contractors' portable outfits for sand, gravel and earth, excavating, conveying, elevating and screening; and of crushers and pulverisers manufactured at the company's works, have also been sent out lately.

The Canadian Foundry Co., Ltd., of Toronto, Ontario, is exhibiting at the Vancouver office of the General Electric Co. a number of large, handsome photographs, showing the company's factory buildings and some of its manufactures. Among the latter are pictures of the great ornamental iron staircase in the Toronto City Hall; a new style of air compressor; a fine locomotive, one of the number recently completed for the C.P.R., and like twenty others being built for the Canada Northern. The company has made arrangements with Mr. E. T. Hanna, of Philadelphia, to manufacture in Canada the water tube boiler of which he is the patentee. This boiler has been made in the United States under the name of the "Atlas," and it is understood that the name to be adopted in this country will be the "Canada" water tube boiler.

Mr. E. W. Monk, Kootenay agent for the Hamilton Powder Co., has been conducting a series of tests with "gelignite," a new safety blasting powder. He reports that the experiments have been even more successful than he anticipated, and he thinks the new explosive will be adopted for general use. He considers it safer, easier to handle and more economical than dynamite; he calculates that the saving is at least 30 to 40 per cent as compared with dynamite. Gelignite is manufactured at the Hamilton Co's mills at Nanaimo, Vancouver Island, B.C.

The Canada Foundry Co., Ltd., of Toronto, Ontario, is exhibit at the meeting of the Canadian Electrical Association, held at the Hotel Windsor, Montreal, Quebec, last month. The exhibit included induction motors, direct current motors, OD transformers, series and multiple AC arc lamps, lightning arresters, fuse blocks, portable testing instruments, etc. Distribution was made of the company's literature illustrating and describing its products, and of a striking souvenir folder, prepared for the occasion. The following officials and representatives of the company were in attendance at the convention: Mr. Paul J. Myler, general manager; Mr. N. S. Braden, general sales manager; Mr. H. D. Bayne, manager Montreal office; Mr. R. J. Dunlop, Toronto office; Mr. T. F. Dryden, manager Toronto office, and Mr. Wm. Bradshaw, engineer, from Westinghouse Electric & Mfg. Co., East Pittsburg, Pa.

BOOKS, ETC., RECEIVED.

- Gold Dredging.* By Capt. C. C. Longridge, London, England. Publishers, *The Mining Journal*, London. Pages, 178; illustrated. Price, 10s. net.
- The Copper Mines of Lake Superior.* By T. A. Rickard, New York. Publishers, *The Engineering and Mining Journal*. Pages, 164; illustrated. Price \$1, postpaid.
- The Copper Handbook.* A Manual of the Copper Industry of the World. Vol. V, for the year 1904. By Horace J. Stevens, Houghton, Michigan, U.S.A. Pages, 879.
- Coke.* By John Fulton. Second edition. Publishers, The International Textbook Co., Scranton, Pa., U.S.A. Pages, 498; illustrated. Price \$5.
- Geological Survey of Canada.—Report on the Pictou Coal Field, Nova Scotia.* By Henry S. Poole, F.R.S.C. Pages, 38; with geological map.
- Mines Branch, Department of the Interior, Canada.—Preliminary reports:* (1) *On the Industrial Value of the Clays and Shales of Manitoba.* Pages, 41; illustrated. (2) *On the Limestones and the Lime Industry of Manitoba.* Pages, 68; illustrated. Both by J. Walter Wells.
- Royal Colonial Institute, London, England.—Journal of the Institute;* No. 7, Session 1904-5.
- Eight-Hour League of North America.—Constitution of the League.* By Wm. H. Campbell, West St. John, N.B. Pages 16.
- United States Geological Survey.—*
Cement Materials and Industry of the United States. By Edwin C. Eckel. Pages, 372; illustrated with 15 maps.
*Index to the Hydrographic Process Reports of the U. S. Geological Survey, 1888 to 1903.—*By John C. Hoyt and B. D. Wood. Pages, 253.
*Contributions to Mineralogy from the U. S. Geological Survey.—*By F. W. Clarke, W. F. Hildebrand, F. L. Ransome, S. L. Penfield, Waldemar Lindgren, George Steiger, and W. T. Schaller. Pages, 144; illustrated.
Reports of Progress of Stream Measurements for 1904. Parts I, III, IV and V.
Contributions to Devonian Paleontology, 1903. By Henry Shaler Williams and Edward M. Kindle. Pages, 133; illustrated.

BOOKS REVIEWED.

Gold Dredging.—By Capt. C. C. Longridge, M. Inst, M.E., etc., London, England. Publishers, *The Mining Journal*, London. Royal 8 vo. 178 pp. Text and numerous half-tone illustrations, diagrams, tables, etc. Price 10s. net.

It is claimed for this book that it is the only complete work on Gold Dredging. It is comprehensive, containing 31 chapters, a copy of dredge regulations in force in New Zealand, and a list of the principal English-owned dredging companies. A full index is also given.

A brief introductory review of the history and evolution of dredging for gold concludes as follows: "The experience gained from these and similar appliances, added to increased mechanical facilities, speedily resulted in the designing of more practical dredges, which, under the type of the "dipper," the "suction," the "grab," and the "bucket ladder," find their application in modern dredging. These several styles of dredges are treated on in separate chapters, and information relative to them, respectively, obtained from sources local to places at which they have been operated, is presented. Following chapters successively describe construction, equipment, gold recovery appliances, process of cleaning up, etc, and give much detail concerning horse power required in dredging, separation of material dredged, percentage of gold saved, quantity of water required for washing and separating gold, disposal of the tailings, capacity and cost of dredges, dredge crews, working costs, and most other matters connected with gold dredging. The selection and working of dredges, the difficulties attending their oper-