

last April passed the examination of assayers under the "Bureau of Mines Act Amendment Act, 1899," has been gazetted.

Norman Carmichael, formerly of Nelson, British Columbia, and for some time past in charge of the Arizona Copper Company's mines at Morenci, Arizona, has been appointed general manager of that company with headquarters at Clifton.

N. O. Lawton, formerly mining in Michigan, and later in Newfoundland, has been appointed manager of the mines in northern British Columbia and southwest Alaska, of the Brown-Alaska Company of New York, in place of J. L. Parker.

J. E. McAllister, manager for the British Columbia Copper Company, is in New York for expert medical advice, illness preventing him from carrying out his duties. In his absence G. F. Beardsley, of West Somers, Westchester County, N. Y., is in charge of the company's smelting works at Greenwood, Boundary District.

Examinations of applicants for certificates for the various grades of mine overmen were held at Frank, Alberta, late in November. Provincial coal mine inspector N. Fraser, superintendent C. E. Enumerson of the Bellevue mine, and J. Dunlop, sat as the examining board. There were 16 applicants for certificates, among them being Charlton Dixon, manager for the Canada West Company, operating at Taber.

C. H. Unversagt of New York, notorious for the publication of glowing word pictures relative to the alleged gold mining venture known as the Great Cariboo Gold Mining Company, also as the Lightning Creek Gold Gravels Drainage Company, was in Cariboo this month. S. Keast, local superintendent on Lightning Creek, accompanied Mr. Unversagt to the Coast on the latter's return journey to New York.

The miners and others employed at the British Columbia Copper Company's Mother Lode mine in Deadwood camp, Boundary district, presented S. C. Holman with a valuable gold watch, chain and fob, costing about \$275, upon his retirement from the position of mine superintendent, under Frederic Keffer, engineer. Mr. Holman has found it necessary, for health reasons, to give up mining for a time, so has decided to try ranch life.

TRADE NOTES AND CATALOGUES.

From the Canadian Westinghouse Company, Ltd., of Hamilton, Ontario, has been received its Circular No. 1139, Starting and Field Rheostats, with descriptions and half-tone illustrations of a variety of electric apparatus in this connection. An illustrated booklet on Westinghouse Type C Integrating Wattmeters, with lists of standard forms, capacities, and prices, also came from the same manufacturers.

The Canadian Rand Drill Company of Montreal, Quebec, has issued a folder describing and illustrating its "Imperial" Motor Hoist, which consists of one of the company's high-pressure three-cylinder motors geared to a hoisting drum provided with lifting rope and hook. These hoists, which are especially suitable for places where head room is limited, are built in capacities from 1,000 to 10,000 lb.

A director of the Canadian General Electric Company and the Canada Foundry Company, of Toronto, Ontario, is reported in the press to have stated that the week ending December 15 was the banner week in the history of these companies, as contracts for upwards of \$900,000 of miscellaneous machinery and supplies were secured during that week. These included locomotives, steam shovels, bridges, large electric generators and electric railway motors, etc., to be shipped when completed to nearly every section of the Dominion.

It is estimated that a deposit of iron ore near Port Arthur, Ontario, contains 200,000,000 tons.

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