

the traffic is rapidly increasing, and the demand for Morrissey coal, which is admittedly superior to the American product, is expected to be steadily maintained henceforward.

RECENT PUBLICATIONS.

ASSAYING, by C. H. Aaron, author of "Testing and Working Silver Ores," "Leaching Gold and Silver Ores." Fifth edition. The Mining & Scientific Press, San Francisco, 1904.

We are glad to welcome the fifth edition of this excellent little text book, which in its present form displays careful revision and valuable additions. The work is divided into three parts, the first dealing with gold and silver ores; the second with gold and silver bullion and the third with lead, copper, tin, mercury and other metals. Under each heading the subject is most comprehensively treated, the directions given being also couched in remarkably clear and simple language.

Dictionary of Altitudes in the Dominion of Canada with a relief map of Canada, by James White, F.R.G.S. Geographer, King's Printer, Ottawa. The "Dictionary" is a supplementary to Mr. White's "Altitudes in Canada," and should have formed part of that work, but, its inclusion therewith would have considerably delayed the publication of Part 1, for which there was a considerable demand. Altitudes in Canada is particularly useful to civil engineers, while the present work has a more general utility. The arrangement is alphabetical by provinces and territories.

It affords us a great deal of pleasure to congratulate our British Columbian poet, Mr. Philipps-Wolley, on the circumstance that his Canadian publishers have found it necessary to issue another edition of the "Songs of an English Esau." Three editions of a volume of verse within one year is surely rather unusual, but very strong evidence that the work of the author of "The Kootenay Prospector" is held in high esteem in the land of his adoption.

MINING AND METALLURGICAL PATENTS.

MR. ROWLAND BRITAIN, patent attorney, of Vancouver, sends us the following report for May:

U. S. patent No. 759,670, reduction of copper ores, E. F. Clarke, New York, N.Y., May 10th, 1904.

Claim 1. A process for working the mixed ores of copper, consisting in first leaching the ore raw to extract the soluble contents, then concentrating the insoluble portion of the copper contents, and rendering this portion soluble by oxidizing it and then leaching the same, substantially as described.

2. The process of obtaining copper from its mixed ores, which consists in first leaching the pulverized ore with a solution of water, sulfuric acid and sulfate of iron to obtain the soluble contents, then separating the insoluble contents from the remaining mass, then oxidizing the said insoluble contents and finally leaching the same to obtain the values therein.

RECENT ISSUES AND NEW REGISTRATIONS.

THE following companies have been registered during the month:

Consolidated Mining & Smelting Co., Ltd., capital, \$2,500,000; specially limited under section 56 of the Companies' Act, 1897.

Royal Smelting & Refining Co., Ltd.; capital, \$1,100,000; specially limited under section 56 of the Companies Act, 1897.

South-East Kootenay Coal & Coke Co., Ltd.; capital, \$100,000.

Atlin Dredging Co., Ltd.; capital, \$25,000.

Berry Creek Mining Co., Ltd.; capital, \$150,000.

Minnie Mining Co., Ltd.; capital, \$125,000.

Hawkeye Gold Dredging Co., Ltd.; capital, \$500,000.

MINING MEN AND MATTERS.

MR. ROBERT HAMILTON, of the Wm. Hamilton Manufacturing Co., who is largely interested in dredging on the Fraser River, informs us that there is now every reason to believe that the problem of successful enterprise in this direction has at length been solved, and that the Fraser may now be made to yield a large amount of gold by dredging methods. At Lillooet the gravel has been dredged to a depth of 46 feet, values being most evenly distributed to this depth, and the ground where the dredge is now working is said to average a dollar a yard. Recently 70 miles of the river from Lillooet has been staked and leases applied for.

Mr. Thomas G. Blackstock, vice-president of the War Eagle-Centre Star Companies, is again visiting the West.

Among the eminent coal experts who will testify in the C. N. P. C. Co. damage suits now being heard are: Messrs. N. Galloway, of Cardiff, Wales; J. T. Beard, of Scranton, Pa.; and James Ashworth and D. C. Ashworth, of Derby, Eng.

Mr. Chas. J. Andrew, for the past two years one of the furnace foremen at the B. C. Copper Company's smelter, Greenwood, will shortly proceed to Hadley, where he will be similarly employed at the Alaska Smelting & Refining Company's smelter under his old manager, Mr. Paul Johnson.

Dr. Alfred W. G. Wilson, assistant in the geological department at McGill University, who accompanied the members of the McGill Summer School of Mining on their recent visit to some of the interior mining districts of the Province, came on to the Coast and spent a day with the Provincial Mineralogist.

Mr. W. J. Sutton, F.G.S., has returned to Victoria from a trip to England.

Mr. Isaac B. Atkinson, M.E., of Victoria, visited the Cascade Copper Company's mine at Uchucklesit Harbour, Alberni Canal, last month.

Mr. C. W. Hurter, assayer at the Ladysmith smelter, was a visitor to Victoria last week to attend the annual meeting of the B. C. Assayers' Institute.

At the examination for certificates of competency and licence to practise assaying in British Columbia held in Nelson in the early part of last month the following were successful in passing: Messrs. B. N. Sharp, A. F. McCormick, J. MacFarlane, Frank Nicholls, Jas. Buchanan and C. T. Mitchell.

Mr. S. F. Parrish is stated to have resigned the general managership of the Le Roi Mining Company, Rossland.

Mr. J. L. Stanford, of the Northwest Coal & Coke Company, Nelson, has returned to that city from a visit to England and France in the interests of that company, which has arranged for British capital to develop its coal lands in Alberta.

Mr. F. Elwell, superintendent of the West Kootenay Power & Light Company's works at Bonnington Falls, has gone to Montreal on a business trip.

Mr. J. J. Campbell, manager of the Hall Mining & Smelting Company, Ltd., Nelson, went East about the middle of last month.

Mr. G. Attwood, consulting engineer for the Silver Cup Mines, Ltd., and the Great Western Mines, Ltd., both operating in the neighbourhood of Ferguson, Lardeau district, has returned from a visit to England.

Mr. E. W. Monk, of Nelson, agent for the Hamilton Powder Company in the Kootenay and Boundary districts, recently spent two or three weeks on the Coast visiting Vancouver, Victoria, Nanaimo and other points.

Mr. J. H. Brownlee has returned from San Francisco, to which city he went on business.

Mr. A. J. Beaudette, Dominion Government Mining Engineer in the Yukon Territory, arrived from the East last month and returned to his Northern post.

Mr. R. W. Brock, of the Canadian Geological Survey, who spent the field-work season of last year in the Upper