

Obligations of the United States as to Panama Canal Toll.—By Hon. E. Root, of New York, in the Senate of the United States. Address The Congressional Record, Washington, D.C.

Proceedings of Ontario Association of Architects.—Being transactions of the Special General Meeting and twenty-third Annual Convention. 96 King Street West, Toronto.

Facts About Treating Railroad Ties.—By W. F. Goltra. Twenty-four pages on the Essentials for Effective Work in Timber Treating. W. F. Goltra Tie Company, Cleveland, Ohio.

Report of the Minister of Public Works for the Province of Manitoba, for the year ending December 31st, 1911. Department of Public Works, Parliament Buildings, Winnipeg, Man.

Index to the Weekly Report.—Published by the Department of Trade and Commerce, Ottawa, for the year ending December 31st, 1912. Weekly reports number 414 to 466.

Report of the Minister of Public Works for the Province of Ontario, for the year ending October 31st, 1911. Department of Public Works, Parliament Buildings, Toronto, Ont.

The Iowa Engineer.—Published by Students of Engineering, Iowa State College; \$1.00 per year. Published monthly. Forty pages. Iowa State College, Ames, Iowa.

Report of the Sixth Annual Convention of the Western Irrigation Society, held at Kelowna, B.C., August, 1912. Forestry Branch, Department of the Interior, Ottawa.

Annual Report of the Board of Regents of the Smithsonian Institute, for the year ending June 30th, 1912. The Secretary, Smithsonian Institute, Washington, D.C.

Report of the Director of Forestry, for the Year 1912. Being Part 6, Annual Report, Department of the Interior. Issued by the Department of the Interior, Ottawa.

Preliminary Review and Estimate of the Mineral Productions of British Columbia, for the year 1912. Bureau of Mines, Parliament Buildings, Victoria, B.C.

Ice Cold Storage (on the Farm).—Bulletin No. 207. The Ontario Department of Agriculture, Parliament Buildings, Toronto. Fifty pages, with illustrations.

Castings.—Published monthly. A reference for buyers of foundry equipment and supplies. The Gardner Printing Co., Caxton Building, Cleveland, Ohio.

Journal of the American Peat Society.—Devoted to the development of American peat resources. Secretary, Julius Bordollo, Kingsbridge, New York City.

Report with Reference to Civic Administration and City Development, of the City of Prince Albert, Sask.—By E. A. James, B.A.Sc., and T. Aird Murray.

Telegraph Statistics, Dominion of Canada.—For the year ending June 30th, 1912. A. W. Campbell, Department of Railways and Canals, Ottawa.

Queen's Engineering Works Magazine.—Published by W. H. Allen, Son & Co., Limited, at the Queen's Engineering Works, Bedford, England.

Commercial Review Showing the Export Trade from Port of Montreal of Canadian Products in 1912.—The Gazette, Montreal, Canada.

Annual Report of the Directory of Forestry, for the year 1912. 270 pages. Department of the Interior, Parliament Buildings, Ottawa.

Training with Mine-Rescue Breathing Apparatus. By J. W. Paul. Bureau of Mines, Department of the Interior, Washington, D.C.

Chemical Properties of Western Larch.—By W. A. Ross, Department of Agriculture, Forest Service, Washington, D.C.

Board of Governors' Report of the University of Toronto, for the year ending June, 1912. Parliament Buildings, Toronto.

Mine Fires and How to Fight Them. By James W. Paul. Bureau of Mines, Department of the Interior, Washington, D.C.

Accidents from Falls of Roof and Coal. By G. S. Rice. Bureau of Mines, Department of the Interior, Washington, D.C.

Annual Report of the City Engineer of Port Arthur for the year 1912. Twenty pages. L. M. Jones, City Engineer.

Estimates for the Fiscal Year ending March 31st, 1913. Department of Finance, Parliament Buildings, Ottawa.

Chemical Properties of Western Hemlock.—Department of Agriculture, Forest Service, Washington, D.C.

Bulletin No. 62, of the University of Illinois, on the Electron Theory of Magnetism, Urbana, Illinois.

Mine Rescue Work in Canada.—By W. Dick, M.Sc., Commission of Conservation, Ottawa.

CATALOGUES RECEIVED.

D. VanNostrand Company, 23 Murray Street, New York, forward the following four catalogues and books: Catalogue of scientific books, recently issued and in preparation; catalogue list of books on Producer Gas and Gas, Gasoline and Oil Engines; catalogue of a list of books on Scientific Management, Efficiency and Allied Subjects; catalogue of scientific books published between December, 1909, and October, 1911.

Induction Motors.—Engineering Works of Canada, Limited, New Birks Building, Montreal, P.Q., operating under the patents of "Société Alsacienne Des Constructions Mécaniques," forward Catalogue No. 1, of 15 pages, on two and three-phase induction motors.

Dynamos.—From 200 to 15,000 horse-power, under construction in the shops of Belfort, by the Société Alsacienne de Constructions Mécaniques. Representatives in Canada, Engineering Works of Canada, Limited, New Birks Building, Montreal.

Switchboard Indicating Instruments.—The Northern Electric and Manufacturing Company, Montreal and Toronto, forward a catalogue announcement re Weston Alternating Current Switchboard Instruments. Write for Catalogue 16.

Catalogue of central stations installed by the Société Alsacienne de Constructions Mécaniques, Belfort, for mines and metallurgical plants. Canadian Representatives, Engineering Works of Canada, Limited, New Birks Building, Montreal.

Catalogue of book.—Title, Internal Combustion Engine, a handbook for designers and builders of gas and oil engines. By Hugo Güldner. 700 pages; 728 illustrations. D. VanNostrand Company, publishers, New York.

"Bitumastic" Enamel.—Wailles, Dove & Co., Limited, 5 St. Nicholas' Buildings, Newcastle-on-Tyne, agents, Montreal, Toronto and Vancouver, forward an 18-page little catalogue.

Portmadoc Slates.—Festiniog Slate Quarries Association, Portmadoc, North Wales, forward a 15-page catalogue and pamphlet on slates.

Lentz Engine.—Catalogue from the Erie City Iron Works, Erie, Pa. A Poppet valve engine under patent.

Blacksmithing and Drop-forging.—Tait, Jones & Co., Pittsburg, Pa., forward a 16-page catalogue.