

Electric Drills.—Chicago Pneumatic Tool Company, 95 Liberty Street, New York, U.S.A. Air Cooled Duntley Electric Drills are fully set forth in special circular No. 52, issued by this company. 9 x 6, pp. 8.

Water Purifiers.—The Paterson Engineering Company, Limited, Amberley House, Norfolk Street, Strand; London, W.C., England. This company specializes in apparatus for obtaining pure soft water for steam raising and industrial purposes. The special advantage of their purifiers is given excellent publicity in leaflet "X." 8½ x 10½, pp. 4.

Pipe Stocks and Dies.—The Armstrong Manufacturing Company, Bridgeport, Conn., U.S.A., have sent us four small circulars, of various colors, giving prices of their well known line of pipe cutting and threading tools. 3 x 6.

The Buyer's Reference.—The "Electrical Edition" of this valuable publication has just come to hand. It gives the buyer of electrical appliances, names of those who make what he wants. Published by The Buyer's Reference Co., Incorporated, 123 Liberty St., New York, U.S.A. 8¼ x 9, pp. 138.

Railway Electric Apparatus.—Canadian Westinghouse Electric and Manufacturing Company, Hamilton, Ont. A handsomely illustrated catalogue, descriptive of D. C. railway motors; single-phase alternating current motors; generators, single-phase electric locomotives, system of control, etc. 6¼ x 9¼, pp. 20.

Electric Mine Locomotives.—The Jeffrey Manufacturing Company, Columbus, Ohio, U.S.A., Bulletin No. 10. This is one of the finest examples of art, as applied to trade advertisement, that we have seen. The book is devoted to setting forth graphically, electric mining machinery; particularly electric, "gathering," jack rail, and storage battery locomotives. 7¾ x 10, pp. 68.

Cranes: Iron and Steel Works Equipment.—Cranes, for use in the various departments of iron and steel works, are detailed by means of fine engravings and descriptive writing in an admirable catalogue issued by the Wellman-Seaver-Morgan Company, Cleveland, Ohio, U.S.A. 9 x 12, pp. 30.

Electric Switches.—Canadian Westinghouse Company, Limited, Hamilton, Ont. Type "G" enclosed switch, suitable for severe service in the hands of unskilled labor, is well brought out in circular No. 1,121. 7 x 10, pp. 4.

Mechanical Draft.—Bulletin No. 75, entitled, "Mechanical Draft; What it is, What it Does," has just been issued by B. F. Sturtevant Company of Boston, Mass., U.S.A. This booklet briefly presents the salient features of their system of draft production. 3½ x 6½, pp. 12.

Tool Steel, Small Tools, Saws, etc.—Hobson, Houghton & Company, Ltd., Don Steel Works, Sheffield, England. Tool steel, drills, reamers, hammers, saws, etc., are shown together with price lists in a fine catalogue issued by the above company. 8¾ x 10¾, pp. 42.

Page's Weekly.—A comprehensive weekly review of Engineering, electricity, shipbuilding, mining, and the iron and steel industries of the world; illustrated. 8 x 10¾, pp. 56.—(Editorial).

Prepayment Wattmeters.—Westinghouse Electric and Manufacturing Company, Pittsburgh, Pa., U.S.A. These

wattmeters are well described and illustrated in circular No. 1,123. 7 x 10, pp. 8.

Edgers.—The Wm. Hamilton Manufacturing Company, Limited, Peterborough, Ont. The edgers which are lucidly explained, and shown by cuts, in this catalogue, are suitable for lumber mills of any size. 6 x 9, pp. 12.

Lifting Jacks.—A. O. Norton, Coaticook, Que., sends us a pamphlet showing his ball-bearing jacks, from a 15-ton journal jack, to a 60-ton car jack. 3¼ x 5½, pp. 2.

The Use of Gas for Power and Heating.—This is the title of a very comprehensive paper read by Ernest A. Dowson, A.M.I., Mech. E., M.J. Inst. E., before the Birmingham Association of Mechanical Engineers, Thursday, April 27th, 1905. E. A. Dowson is a past-master in the science of gas production for power purposes. The data in this paper are invaluable to owners of existing and contemplated gas producer plants. 5½ x 8½, pp. 82.

Ratchet Drills.—The Billings & Spencer Co., Hartford, Conn., U.S.A. A price list has just been published by the above company, descriptive of their packer ratchet drills. 3½ x 6½, pp. 8.

Motor Cars for Railroad Work.—Fairbanks, Morse & Co., Chicago, Ill., U.S.A. In catalogue No. 101 A, Sheffield gasoline motor cars, for railroad inspection, are presented. These cars obviate the expense of running a locomotive over the line, and are more easily handled. They are simple and practical in construction, strong and durable, and all parts are easily accessible. The illustrations show clearly the various models. 6 x 9, pp. 16.

Non-condensing Steam Engines.—The Westinghouse Machine Company, East Pittsburgh, have issued a handsome pamphlet, setting forth the advantages of their simple, non-condensing, standard type of reciprocating steam engine; known throughout the industrial world for over a quarter of a century, on account of its peculiar, inclosed construction. Nearly 6,000 of these engines have been sold, and by the careful correction of defects developed in service, and wise economy in mechanical details, this standard engine has now almost reached the ideal stage. Buyers and Engineering students alike will find the finely illustrated catalogue before us well worth perusing. 6 x 9, pp. 351.

Locks and Hardware.—Yale & Towne Manufacturing Co., New York, N.Y., U.S.A., Catalogue No. 18, "Handy Edition." This volume contains a selection from their complete line of hardware products, of the most popular locks, in sizes, saleable by retail hardware dealers. 6 x 9, pp. 206.

Economizers.—B. F. Sturtevant Co., Hyde Park, Mass., U.S.A. The advantages, construction, repairing, installation and manipulation of Sturtevant economizers, together with figures showing the saving to be effected by their use, are given in their catalogue No. 120. 6½ x 9, pp. 45.

Lifting Magnets.—The Electric Controller & Supply Company, Cleveland, Ohio, U.S.A. These magnets are used in the handling of pig-iron, light and heavy melting scrap, steel ingots, blooms, billets, slabs, plates, sheets, rails, structural shapes, spikes, rivets, cotter pins, etc. The best resources of the photographers' art have been requisitioned to illustrate the diverse applications of the magnet to the handling of material in the great iron and steel industries. 6 x 9, pp. 24.

ENGINEERING SOCIETIES

Canadian Society of Civil Engineers.—President, Ernest Marceau, Montreal; treasurer, H. Irwin; secretary, C. H. McLeod, rooms, 877 Dorchester St., Montreal.

Canadian Mining Institute.—President, George R. Smith, Thetford Mines, Quebec; secretary, H. Mortimer Land, Victoria, B.C.; treasurer, J. Stevenson Brown, Montreal.

Engineers' Society, S.P.S.—President, J. P. Charlebois; recording secretary, E. C. Ash; treasurer, B. W. Marrs; corresponding secretary, C. S. Shirriss.

Engineers' Club of Toronto.—President, R. F. Tate; treasurer, W. J. Bowers; secretary, Willis Chipman. Rooms; King St. West, Toronto.

Canadian Railway Club.—President, S. King, Montreal; secretary, James Powell, Montreal; treasurer, S. S. Underwood, Montreal.

Marine Engineers.—Grand President, E. J. Henning, Toronto; grand secretary, Neil J. Morrison, St. John, N.B.

Canadian Association of Stationary Engineers.—President, W. A. Sweet; vice-president, Joseph Ironside, Hamilton; secretary, D. Outhwaite, Toronto; treasurer, A. M. Dixon, Toronto.

Toronto Branch American Institute of Electrical Engineers.—Chairman, H. A. Moore; vice-chairman, R. G. Black; secretary, R. T. McKeen.

Canadian Electrical Association.—President, A. A. Wright; first vice-president, R. G. Black; second vice-president, John Murphy; secretary-treasurer, C. H. Mortimer.

American Society of Mechanical Engineers.—Fifty-second meeting will be held in New York, December 5th to 8th, 1905.