

NEW CATALOGUES.

The following catalogues may be obtained by those interested by referring to the Canadian Engineer:

The Wm. Hamilton Manufacturing Co., Peterborough: "The McNaul Water Tube Boiler," a fifty-page descriptive booklet, with numerous illustrations.

Keller Heater Co. of Canada, Ltd., Montreal: "Economy in Feed Water and Fuel," a neat booklet, descriptive of the Keller Feed Water Heater and Purifier.

Darling Bros., "Reliance Works," Montreal: Section VII. of General Catalogue, describing the Webster System of steam circulation for heating purposes at or below the pressure of the atmosphere.

The Fairbanks Co., Montreal: Leaflet giving description and price list of Fairbanks' Semibronze Packing.

Canadian General Electric Co., Toronto: Bulletin 831, "Meridian Lamps"; also, Bulletin 834, "Curtis' Steam Turbine."

Geo. B. Meadows, Toronto Wire, Iron and Brass Works Co., Ltd.: Catalogue No. 4, descriptive of bank and office fittings.

J. E. Shantz & Co., Berlin, Ont.: "The Howard Hot Water Heater," an illustrated booklet.

Niles-Bement-Pond Co., New York: "The Progress Reporter," July, 1904; Louisiana Purchase Exposition special number.

Westinghouse Industries: A booklet descriptive of the twenty-three Westinghouse companies exhibiting at the St. Louis Fair.

Mason Regulator Co., Boston: Price List Mason Reducing Valve Parts, issued July 15th.

Morse Twist Drill Co., New Bedford, Mass.: 1904 Catalogue. A 250-page catalogue of drills, reamers, milling tools, etc., together with appendix containing tables, instructions, etc.

Link Belt Engineering Co., Philadelphia: "The Renold Silent Chain Gear, 1904 edition," a neat booklet descriptive of the Renold silent chain for power transmission. Also, "Retail Coal Pockets," a booklet giving detailed information as to equipment, plan, etc.

Berger Manufacturing Co., Canton, Ohio: "Steel vs. Wood," a booklet describing steel office furniture and appliances.

Diamond Saw and Stamping Works, Buffalo, N.Y.: Booklet and price list of Sterling hack saws.

St. Louis Expanded Metal Fireproofing Co., St. Louis, Mo.: "Corrugated Steel Bars as Applied to Steel-Concrete Construction," a 125-page booklet, profusely illustrated with photographs and diagrams, and also containing many tables and formulæ for concrete construction.

Abner Doble Co., San Francisco, Cal.: "Tangential Water Wheels," descriptive of Doble ellipsoidal-bucket water-wheels.

Arthur Koppel, New York: Supplement to Catalogue No. 77, showing illustrations of narrow gauge locomotives.

Westinghouse Machine Co., East Pittsburgh: "Steam Turbine Test," being brake tests of a 400 k.w. Westinghouse-Parsons steam turbine.

Jeffrey Manufacturing Co., Columbus, Ohio: "Electric Locomotives for Gathering Purposes," Bulletin No. 8; also, "Jeffrey Water Elevators," a price list.

Chicago Pneumatic Tool Co.: Catalogue of Air Compressors built at Franklin, Pa., containing information as to erection, care and adjustment of compressors and tables of value to those interested in pneumatics.



The city council of Montreal has voted \$10,000, towards the preliminary expenses of a permanent exhibition.

TELEPHONE AND TELEGRAPH.

J. E. MacMahon, who invented the tape ticker, died recently at Newmarket, Eng.

Tenders for a telephone franchise in Toronto will be received on or before October 1st.

Manchester, Eng., is about to establish a great inter-municipal telephone plant in co-operation with a dozen neighboring towns.

Arnprior has followed the example of Carleton Place in disposing of the Bell Telephone Co.'s appeal by adding another \$1,000 to their assessment.

The British Government will bring in a bill making wireless telegraphy throughout the United Kingdom a Government monopoly. The post-office officials have been experimenting with a new system of their own.

The Bell Telephone Co. has won its case against Owen Sound. The company began putting a conduit across Poulette Street, but the town interfered. An injunction to restrain the town from interfering was asked for, and is granted. Justice Meredith characterized Owen Sound's claims as extravagant.

Two of the six Marconi wireless telegraph stations being constructed on the St. Lawrence for the Dominion Government are now in operation—one at Fame Point and one at Heath Point, Anticosti. The Parisian was reported on July 15th by the Heath Point station, being the first vessel to hold communication with the station.



MISS RAE PETRIE.

Miss Petrie, whose likeness appears above, is a daughter of H. W. Petrie, head of the machinery firm in Toronto bearing his name. On July 20th Miss Petrie distinguished herself by a daring rescue off Toronto Island. A party of three, two ladies and a gentleman, were seen about a mile off the shore clinging to an upturned canoe. Finding that none of the men near by would venture out, Miss Petrie seized a canoe which was handy and went to the rescue, accompanied by a young boy whom she induced to go along. Miss Cosgrave, a sister of one of the party in danger, went out in a canoe a little later, and by lashing the two canoes together they managed to get all three safely on board, and brought them to shore. The party rescued were Miss D. Cosgrave, Miss I. Kidner, and Mr. Arthur Murdoch. Miss Kidner had sunk once before Miss Petrie's approach. Miss Petrie has been recommended for a Humane Society medal. She is the recipient of many letters of congratulation from relatives of those rescued and others. This is the first time The Canadian Engineer has published in its columns an individual portrait of a lady, but, like others, it wishes, in some slight measure to recognize Miss Petrie's heroism.