

on \$5,500 a mile. — A company has been formed here for the erection of a handsome opera house. The C. P. R. is said to be the promoter of the scheme.

**MONTREAL, QUE.**—A new theatre will be erected this spring on Richmond square by some American capitalists, at a cost of \$86,000. — Mr. J. A. Chausse, architect, is preparing plans for a club house, with a large hall 60 x 130 feet, for amateur theatricals, and a dwelling for Mr. P. N. V. Martineau, to be 60 x 130 feet, three stories high, built of pressed brick and stone; cost \$10,000. — Messrs. E. Vanier and F. C. Keefer, the experts appointed to make an examination of the water supply of Montreal, have presented their report to the Council. They recommend an enlargement of the aqueduct, an extension of the wheelhouse, and the purchase of new hydraulic machinery (turbines, etc.) sufficient to pump between fifty and sixty millions of gallons of water per day. The estimated cost of the improvements is \$1,500,000. — Mr. Alex. Robertson, secretary, invites tenders on behalf of the Harbor Commissioners until Tuesday, the 20th inst. for the supply of 4,000 tons of steam coal, 280 tons of steel rails, and the usual supply of castings, iron, spikes, bolts, oil, paint, rope and other stores, required for twelve months. — New car shops will be built at Hochelaga by the Montreal Street Railway Company. — The Superintendent of Waterworks has applied to the Finance Committee for an appropriation of \$110,000 for the repairing of the two reservoirs, the purchase of a new steam engine for the upper level pumping station, with a new engine and boiler house, new foundation to replace the present engine, the thorough overhauling of the old engine, and for a double cottage for watchmen at the upper level reservoir, also for \$6,000 to purchase new meters. — The Council of St. Cunegonde has written to the city council asking whether the city intends taking any steps towards building a bridge over the canal at Atwater avenue. The matter was referred to the Road Committee. — Messrs. Perrault & Mann, architects, have submitted plans to the Market Committee for a new St. Antoine market building. A building like the old one would cost \$40,000, and plans were also submitted of buildings to cost \$55,000 and \$93,000. No action has yet been taken by the Committee.

**TORONTO, ONT.**—A bicycle club is being formed in the west end of the city and arrangements are being made to build a commodious club house on the north side of King street, opposite Parkdale Methodist church. — A new school building in East Toronto is being advocated. — Mr. E. R. C. Clarkson, 26 Wellington street east, wants tenders for a shed suitable for a boat house and erecting the same at Centre Island. — A deputation from the Island Association recently interviewed the Toronto representatives of the Dominion Parliament urging that the Government take immediate steps to protect the island front by building groins at different parts of the south shore. The members promised to endeavor to have the work carried out. — Mr. J. P. Murray, on behalf of the Toronto Carpet Co., has made application to the City Council for a lease of two acres of land on the Esplanade as a site for a proposed new factory. The building to be erected will be of brick, 185 x 235 feet in size. In a joint letter from the Medical Health Officer and City Engineer, sent to the Board of Works, it is urged that the Council consider the advisability of constructing a high level intercepting sewer for carrying off the sewage of that portion of the city lying north of Queen street. — The City Engineer will report on the respective cost of a cast iron and a steel conduit across the bay. — The Local Board of Health has recommended the erection of a new building in the rear of the new Isolation Hospital for the reception of the disinfecting apparatus, at a cost of \$2,500. The building will be of brick, 130 ft. long, 30 feet wide, and 12 feet high. — The City

Engineer has reported that the cost of constructing a single track electric railway from Hanlan's Island to Ward's Island, with the necessary equipment, would be \$50,000. — Mr. A. P. Kilgannon, of the town of Little Current, and Col. Shaw, Messrs. Thomas McGee, W. A. Howland, Alexander Marshall, C. H. Clarke and Joseph Davidson, of this city, recently interviewed Sir Oliver Mowat and other members of the Government asking for a mileage grant to the Manitoulin and North Shore Railway, which is projected to run from Little Current to Wahnapiatae, in Nipissing district, a distance of 88 miles. They asked for \$30,000 per mile on 58 miles of the road; the other 30 miles has already been subsidized by the Dominion and Provincial Governments, and are in readiness to award contracts. — Mr. Edmund Burke, architect, has completed plans for the erection of a large six-story building for Mr. Robert Simpson, dry goods merchant, to be built on the site of the present store at the south west corner of Queen and Yonge streets. The lower story will be built of buff brick and terra cotta. It is computed that the number of bricks required in the construction will be 350,000. The steel to be used in the building will weigh 600,000 pounds, and the area of glass will measure 10,000 square feet. Building permits have been granted as follows: Dr. Cassidey four att. 1 story bk. stores n. side Queen st., e. of Church st., cost \$1,600. R. Gavin, 274 Sherbourne st., alterations to dwelling, cost \$1,000; R. Roy, 107 Bleecker st., 2 story bk. add. to rear of store, s. e. cor. Wellesley and Bleecker sts., cost \$4,000.

#### FIRES.

The large roller flour mill at Pinkerton, Ont., owned by George Elphick, was totally destroyed by fire on Monday last. Loss, \$18,000; insurance, \$7,000. — The Union church at Vance's Corners, Ont., was burned on the 7th inst. Loss, \$1,000. — The residence of J. Vipond, near Coatsworth Station, Ont., was destroyed by fire on the 8th inst. — Fire destroyed the residence of Albert Tarte on West street, Chatham, on the 9th inst. — A grist mill at Stirling Falls, Ont., owned by J. K. Blain, was consumed by fire last week. Loss, \$3,000; partially insured.

#### CONTRACTS AWARDED.

**NEW WESTMINSTER, B. C.**—The Royal City Planing Mills, of this place, has secured a contract to supply an Ontario firm with 15,000,000 cedar shingles.

**TORONTO, ONT.**—The contract for building the new 1000 horse power engine for the Toronto Railway Company has been awarded to the Bertram Engine Works, of this city.

**NELSON, B. C.**—The Nelson Hydraulic Company has let the contract to E. A. H. for improvements to their land, including a dam 75 feet in length, 3,000 feet of flume, 1,000 feet of ditch, 500 feet of sluice boxes, etc.

**WOODSTOCK, ONT.**—Mr. James Hay, jr., has been given the contract to manufacture the cases for all the Singer sewing machines used in Canada. The contract will amount to about \$60,000. It is said that Mr. Hay is talking of establishing a factory in Windsor.

**GALT, ONT.** The Board of Managers of the Galt and Preston Street Railway have awarded the contract for the electrical equipment to Messrs. Ahearn & Soper of Ottawa. The contract for the engines and boilers needed in the power house at Preston has not yet been let, but it is probable it will be given to some of the local firms.

**WINNIPEG, MAN.**—The Board of Works has accepted the tender of John Gunn & Co. for the piers for the Boundary Street bridge. Amount of tender \$17,050. — Tenders for the stone work of the new Wesley Methodist College, to be erected here at a cost of \$75,000, have been awarded to Mr. J. G. McCallum, of Calgary. It is to be built of Calgary sandstone.

#### NEW COMPANIES.

**WINNIPEG, MAN.**—Dominion Gas and Electric Co., capital, \$1,000,000.

**HAMILTON, ONT.**—Hamilton Hardware Co., seeking incorporation; capital \$75,000.

**TORONTO, ONT.**—Church of England Literary Publishing Co., seeking incorporation; capital, \$50,000.

**GREEN HEAD, N. B.** Armstrong Lime Co., seeking incorporation; capital stock, \$60,000; to operate lime kilns at this place.

**TORONTO JUNCTION, ONT.**—Toronto Junction Railway Co., seeking incorporation; to build a railway from Cayuga or Welland to Toronto.

**KINGSTON, ONT.**—Carnovsky Wood Manufacturing Co., seeking incorporation; capital stock, \$10,000; incorporators, B. H. Carnovsky, C. F. Carnovsky, and others.

**BURLINGTON, ONT.** Coleman Planing Mill and Lumber Co., seeking incorporation; capital stock, \$50,000; incorporators, William Kerna, George Allen, John Smith, and others.

**SHERBROOKE, QUE.** Megantic Railway Co., seeking incorporation, to construct a railway from a point near Lake Megantic to a point near Dead River; Brown, Morris & Macdonald, solicitors for applicants.

**MONTREAL, QUE.**—Central Railway and Bridge Co., seeking incorporation; to construct a railway from Lougueuil to Montreal, and to erect a bridge across the St. Lawrence river; White, Duclos & O'Halloran, solicitors.

**ST. HYACINTHE, QUE.**—La Compagnie des Pouvoirs Hydrauliques de St. Hyacinthe, seeking incorporation; capital stock \$50,000; to produce and sell, light, heat and power produced by electricity; incorporators, Louis Cote, Paul Ryan, J. B. Lalime, and others.

#### BUSINESS NOTES.

Thomas Robertson, brickmaker, of York township, has assigned to G. M. Gardiner.

J. J. Barbeau, jr., roofer, of Quebec, has compromised with his creditors at 25 cents on the dollar. Liabilities \$5,200.

Mr. John B. Smith, senior member of the firm of John B. Smith & Son, lumber merchants, of Toronto, died on the 8th inst., at the age of 75 years.

Messrs. Gauthier, A. J. Vincent and L. A. Dufresne have formed a partnership in Montreal as architects, under the firm name of Gauthier, A. J. Vincent & Dufresne.

The *Legal and Commercial Exchange* report the following: Wm. Johnston, plumber, Ottawa, Ont., has assigned to C. H. Carriere. — Archambault & Leveille, hardware merchants, Montreal, have dissolved. Raphael Bernard, Theodore Goulet and Pierre Dubrenie have formed a partnership in Montreal as general contractors, under the style of Bernard, Goulet & Co.

#### MUNICIPAL DEPARTMENT.

An ingenious system of lighting and extinguishing street gas lamps has been developed by the Cutter & Hammer Mfg. Co., of 247 South Jefferson St., Chicago. Electricity is the agent employed for lighting, and is furnished by a small battery placed in the base of the lamp post. To light the lamp, a valve is opened at the works connecting one of the large holders with the mains and considerably increasing the pressure in the latter. This increased pressure raises a miniature gasholder in the lamp post, immersed in a mercury bath, and it comes in contact with a stop which closes the battery circuit. The electric current causes an armature to vibrate and turns a ratchet wheel, which turns on the gas, and lights it by throwing off sparks. The increased pressure is maintained for about 15 seconds, and normal pressure is

then restored. To extinguish the lights the pressure is increased as before, and the ratchet wheel is now so turned as to shut off the gas.

A petition has been presented to the Ontario Legislature from the County Council of the County of Grey praying that section 532 (a) of the municipal act be repealed. This section relates to bridges over streams 100 feet and over in width, and compels counties to contribute towards their construction and maintenance. The County Council of Grey thinks the law is unfair, and, if not repealed, should at least be amended by including roads as well as bridges. The tendency of the law has been to encourage the construction of larger and more expensive bridges than are required for the convenience of the public. A similar petition has been presented from Huron County Council.

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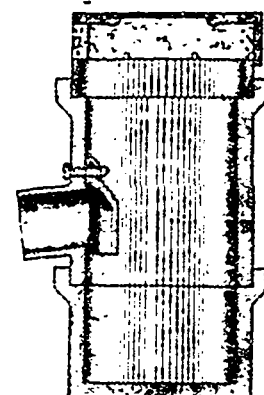
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