

The students of the School of Mining at Kingston have done well in the competition of the Canadian Mining Institute for 1902, the president's gold medal having been won by O. N. Scott, for his paper "On the Ore Deposits of Copper Mountain, Similkameen District, B.C.," and a cash prize of \$25 goes to L. P. Silver for his paper on "The Sulphide Ore Bodies of the Sudbury District." The other \$25 prize went to H. W. DePencier, of McGill College, Montreal, for a paper on "Mine Timbering in the Old Ironsides and Knob Hill Mines." In future, in addition to the president's gold medal, three cash prizes will be given for papers by Canadian mining students under three groups of subjects: (1) Ore Deposits and Mining Geology; (2) Mining Practice; (3) Ore Dressing and Metallurgy.

Electric Glashes.

The Red Falls Electric Co., of Lyster, Que., is asking for incorporation.

The electric light works at Woodstock, Ont., have had to close for want of coal.

The Southampton Traction Co. is seeking an entrance for its lines into London, Ont.

The city of Dawson has closed a contract for lighting the streets of the town with 100 22-candle incandescent lamps for \$7,800.

The Kingston Light, Heat & Power Co. will appeal to the Privy Council against the award giving them only \$80,000 for their franchise.

A system of heating the cars by means of a stove in the vestibule is being tested on the Toronto street railway. It has been tried also in Montreal.

The contract for the switch-board of the new Montreal Board of Trade building has been awarded to the Hill Electric Switch Co., of Montreal, the price being about \$2,500.

Wireless messages have been exchanged across the Atlantic between King Edward and President Roosevelt. It is announced the system will soon be ready for commercial business.

Work will soon be begun, according to John Bottomley, general manager for the Marconi Wireless Telegraph Company of America, in installing wireless stations to cover pretty much all the world.

The incandescent lamp trust of the United States has bought the factory building at St. Catharines, formerly occupied by the McBurney & Beattie Co., bicycle manufacturers, and intend to establish a Canadian branch factory for making electric lamps.

The Toronto Railway Co. has a number of small cars which they are splicing, making two into one. Two men only will be necessary for operating where four are now required. The capacity of the cars will be 30 per cent. greater than any now in the company's service.

The arbitrators have made their award as to the price to be paid by the town of Midland for the electric light plant. The company asked \$18,000, the arbitrators have awarded them \$9,629.97, the costs of arbitration, \$1,800, to be paid half by each and each to pay their own costs.

New Glasgow, Trenton, Stellarton and Westville, N.S., are to be connected by tramway and a ferry service established from Abercrombie Point to Pictou. Dams are to be built on the East River above New Glasgow to supply water power to generate electricity for the operation of the tramway, and also for lighting the towns which it connects.

The Metropolitan Railway Co., operating the line up Yonge street from Toronto, is placing a number of new passenger and freight cars on the line, not before they are needed, the accommodation having been notoriously bad. The new cars will be handsomely equipped, and have every appliance to guard against accident, including air whistles, as well as the usual gong.

The St. Georges Electric Co., of St. Georges de Beauce, Que., is applying for incorporation.

Marconi is working on a wireless telephone which can be carried in the pocket and used anywhere.

Electricians have gone west to locate a station in the Rocky Mountains for wireless transcontinental transmission.

The Electrical Contractors' Association of the province of Quebec, recently held their first annual meeting and banquet.

It is not likely daily newspapers will be published on the ocean steamers yet as a result of Marconi's discoveries, but the news will be supplied to the vessels, and bulletins posted on board.

The electric power system in Yarmouth, N.S., is not a success, and is to cease. The electric cars will stop, and steam will be resorted to for power for the industries which have been using electricity.

On January 1st, which was the second anniversary of the signing of the agreement for the construction of the British Pacific telegraph cable, Sir Sandford Fleming sent a New Year's greeting from Ottawa to Premier Barton, of Australia, and received a reply.

J. H. McClellan and G. L. Gowland, of Peterboro, are placing before the public a nickel-in-the-slot electric meter invented by the latter. All the operator desiring light has to do is to go to the metre and deposit therein 25 cents or any number of quarters, which will be used consecutively as the light is consumed.

A fatal accident from electricity is reported from Grand Forks, B.C., by which Thos. Begley, of Toronto, was killed. He slipped while standing on a high platform, and in falling grabbed a telephone wire, receiving a fatal shock. As the wire did not cross and was 15 feet from a power line which carried 20,000 volts, the fatality has been attributed to induction, but such a thing is practically impossible under the circumstances. If a distant wire could thus become charged by induction an extreme element of danger would exist.

The object of the Cataract Auxiliary Co., incorporated by the Hamilton Electric Light and Cataract Power Co., is to manufacture, sell or purchase electric power, whether generated by waterpower, steam, or other force, and in short to have the benefit of all powers given, in the act respecting companies for supplying steam, heat, electricity or natural gas for heat, light or power. The auxiliary company will double the power capacity at DeCew's Falls, the idea being to supply all the power the Deering Company may need, as well as power required by any other company.

Marine News.

Only one vessel is being built at Victoria, B.C., this winter, and there is little repairing going on at the shipyards. In the spring a busy time is anticipated.

The dredge King Edward, while working at Hope Slough, B.C., became a prisoner by the bank caving in behind her. She was relieved after much work.

The steamer Victoria, in winter quarters above Brockville, has been sunk by a muskrat gnawing a hole in her hull. River men say such an incident is not uncommon.

The Central Canada Coal Co., of Brockville, has purchased from Edward Smith, of Buffalo, the steamer Samuel Marshall. The price is stated to have been \$25,000.

The Calvin Co. is building the largest steam barge that has ever been constructed at Garden Island. It is full canal size, and will be engaged in the Upper Lake timber trade.

The Dominion Motor and Machine Co., Limited, Toronto, have booked an order, from a manufacturer of launches, for thirty-five of their gasoline engines, ranging from 1½-h.p. to 6-h.p., with the understanding that if prompt delivery is given the order will be duplicated.