

H. J. Johnston, R. C. Miller, D. Ogilvy, J. W. Harris, T. A. Morison, A. Collyer and W. J. McGee, Montreal, are applying for a charter as the Diamond Light and Heating Company of Canada, to manufacture and deal in lamps, stoves, etc., which burn petroleum and other illuminating oils; capital, \$500,000; chief place of business, Montreal.

R. MacKay, J. Beattie, H. Paton, D. Macmaster, Montreal, and C. MacKenzie, Toronto, are applying for incorporation as the Shedden Forwarding Co., Ltd., to transfer freight and luggage and produce, which is also to be held in cold storage by the company. The chief place of business, Montreal; capital, \$700,000.

The Willson Carbide Works Co., of St. Catharines, Ont., will build new works on a very large scale as soon as a suitable power location can be obtained, but the Merriton plant will not be closed, but operated, as at present. The extension is due to the fact that the present works cannot keep up with the rapidly growing demand.

Geo. F. Baird, James Mancheser, Joseph Allison, Thos. H. Bullock, D. J. Purdy, Jas. F. Robertson, R. C. Elkin and A. H. Hanington have applied for incorporation as the Portland Rolling Mills, Ltd., with a capital of \$90,000 in \$100 shares, to carry on the business hitherto conducted on the Strait Shore by the James Harris Co., Ltd.

The Alberta Irrigation Company, of which E. T. Galt of Lethbridge, N.W.T., is president, has commenced work on a mammoth scheme to reclaim lands between Cardston and Lethbridge, in South Alberta. Sixty miles of canals will be built. The sum of \$500,000 will be expended, and 500,000 acres of lands irrigated. The main canal is to be finished next year, and the laterals in the following season. It is proposed to sell the lands on low terms, the settlement of the district being of primary importance.

A gas explosion at the Goodison Implement Works, Sarnia, recently did considerable damage to the company's property. In the blacksmith shops the forges are blown by patent blowers. Shortly after the fires had been started the machinery was stopped to adjust a pulley. During the temporary shut down the fires burned low and a quantity of gas accumulated, so much so that when the machinery started and the blowers were put in operation a terrific explosion took place. Fortunately no one was hurt, but the windows of the shop—sashes and all—were blown out by the force of the explosion.

At a general meeting of the shareholders of the Abbott Mitchell Rolling Mills Company, Belleville, Ont., held for the purpose of completing the organization, the following were elected directors: C. Bard, banker, Norwich, Conn.; John Mitchell, banker, of Norwich; Frank A. Mitchell, foundryman, of Norwich, president and managing director; Wm. Abbott, foundryman, of Montreal, vice-president and secretary; Henry Pringle, manufacturer, Belleville, treasurer; and S. S. Lazier, of Belleville. Considerable time was spent in the drafting of by-laws and regulations relating to the company and works. The plans for the buildings, etc., are all completed and in the hands of the engineers, and it is the intention of the company to start work as soon as possible.

A number of Canadian manufacturers met recently in Toronto at the Board of Trade to consider the situation in respect to the Standard Oil Company not being able to supply manufacturers with fuel oil. There were present: A. E. Kemp, chairman; W. A. Kemp, of the Kemp Manufacturing Co.; E. R. Thomas, of the Lozier Bicycle Company; George E. Evans, of the Dominion Bridge Company; J. B. Muir, of the Ingersoll Packing Company; R. H. Verity, of the Verity Plow Works, Brantford; Clarkson Jones, of the D. F. Jones Company, Gananoque; J. K. Osborne, of the Massey-Harris Company; G. Gillies, of Gillies & Co., Gananoque, etc. A thorough discussion took place, in which it was shown that in fuel oil, 2½ cents per imperial gallon should be taken off, to enable anti-trust producers to compete with the trust now controlling the Canadian market. A deputation was appointed to wait upon the Government in the matter.

The Beaver Portland Cement Company was recently incorporated with a capital of \$150,000, to manufacture Portland cement in Canada with works at Dry Lake, near Marlbank, Ont. It will be under the management of Wm. G. Hartranft, Philadelphia, and the mills will turn out 600 barrels per day. The

president is James Dobson, of the carpet manufacturing firm of John and James Dobson, Philadelphia; the vice-president, R. Pevery, president of the Commercial Wood and Cement Co., New York and Philadelphia; R. T. Hopper, Montreal, is the managing director and treasurer of the company. The Commercial Wood and Cement Co. has been appointed sale agent for this company's cement, and their offices will be located in the Canada Life Building, Montreal, under the management of J. F. Twamley. The head offices of the Beaver Portland Cement Co. will also be in the same place.

R. H. Griffin, president of the City Bank, Buffalo; the Hon. T. G. Smith, Buffalo; George Gudewill, New York; A. F. Gault, George E. Drummond, Thomas J. Drummond and James T. McCall, of Montreal, have organized the Canada Iron Furnace Co., Ltd., of which Geo. E. Drummond is managing director, to establish a smelting plant at Midland, Ont. The town will grant a bonus of \$50,000. The company guarantees a minimum output of 60 tons of charcoal pig-iron per day. The work would be carried on at least 200 days in the year with an output of not less than 18,000 tons per annum; it also guarantees to employ an average of 70 men directly at works in connection with the smelting and other necessary operations, and further, an additional 130 men in connection with the tributary general operations of the company.

A. Green's fuel economizer was placed in the main pumping station of the Toronto waterworks some time ago. The apparatus was to stand on its merits, and now the engineer in charge of the pumping plant reports that it has effected a great saving in one test, 12.65 per cent., and the assistant city engineer, who has control of the waterworks system, states that the true saving is very small, and in some instances a loss has occurred. Comparing the years 1896 and 1898 Mr. Fellows computes an actual loss of 36-10 per cent., rather than a gain, by using the economizer. Under favorable conditions, he admits, the apparatus may be fuel-saving, but these conditions do not obtain, he says, at the pumping station. He therefore does not recommend its acceptance. The public will wait with interest for the settlement of the matter.

A bill now before the Nova Scotia legislature will incorporate the Dominion Steel and Iron Co. Its capital is fixed at \$10,000,000, with power to increase to \$20,000,000. Before the company can commence operations it must have \$1,000,000 of its capital subscribed, and 25 per cent. of this paid up. The men who are in this new company are practically the same as those who compose the Dominion Coal Company. At the head of the list of incorporators is Henry M. Whitney, of Boston; H. F. Dimock, of New York; Almeric Page, of New York; and W. B. Ross and B. F. Pearson, of Halifax. The charter gives the company almost unlimited power in carrying on iron manufacturing operations. They have already bonded extensive iron areas in Belle Isle, Newfoundland, for \$1,000,000, and it is their intention to erect blast furnaces and smelting works in Cape Breton. Muggah's Creek, C. B., has been spoken of in connection with the establishment of the works. The iron areas at Belle Isle, for which \$1,000,000 will be paid to the Nova Scotia Steel and Iron Company, who now own them, are estimated to contain 30,000,000 tons of ore.

The manufacturers of Montreal are up in arms against the proposal to tax machinery and manufacturing plants generally. A vigorous protest has been sent in to the Quebec legislature signed by the following, among others: John McDougall, The Shearer & Brown Co., The James Shearer Co., Consumers' Cordage Co., Ltd.; Canada Switch & Spring Co., Ltd.; The Singer Manufacturing Co., The Montreal Rolling Mills Co., The Thos. Davidson Mfg. Co., Ltd.; The J. C. McLaren Belting Co., Dominion Wadding Company, The Bishop Engraving and Printing Co., The Sunlight Gas Company, Ltd.; John Date, Thos. Robertson & Co., Ltd.; McFarlane, Son & Hodgson, Gazette Printing Co., Montreal Lithographing Co., W. W. Ogilvie, Montreal Horse Nail Co., Pillow & Hersey Mfg. Co., B. J. Coghlin, The Canada Sugar Refining Co., The James Cooper Mfg. Co., J. & T. Bell, The James Robertson Co., Ltd.; F. Tremblay, The Canada Paint Co., Ltd.; The Canada Machinery Agency, Graham & Co., Wm. Clapperton & Co., H. Buchanan & Co., Thompson Shoe Co., J. C. Wilson & Co., Major Manufacturing Co., Ltd.; Canada Paper Co., Collyer & Brock, Belding, Paul & Co., Phillips Electrical Co.