

A. O. Norton, manufacturer of ball bearing jacks at Coaticook, Que., has just shipped a large order to Denmark. Several other important orders for export to India, Australia and South Africa have just been received.

Hon. George G. King, Chipman, B.C.; Hon. Ambrose D. Richard, Dorchester; Henry C. Read, Sackville; M. Lodge, Moncton; E. Hutchinson, Douglastown; W. Kitchen, Fredericton, and W. Frank Taylor, Hillsboro, are to be the provisional directors of the New Brunswick Petroleum Co., Ltd., for which a charter has now been applied for. The company will bore for oil; its chief place of business is to be Moncton, N.B., and its capital \$1,000,000.

The Owen Sound, Ont., Iron Works Company, Ltd., have revived the business of the old Corbett foundry firm, which closed up during the hard times of a few years ago. They commenced operations last January, and give employment to twenty-five men. The company contemplates enlarging its foundry, increasing its staff and going extensively into the manufacture of propeller wheels, according to a recent report in *The Toronto Globe*.

The following tenders for the construction of the new drainage system for Lachine, Que., were received: Albert Dini, \$209,129.74; Rheume & Dansereau, \$144,816.90; Leopold Leger, \$163,230; Chartier & Rebin, \$174,095; Martineau, Sou & Lemoine, \$185,000; Bastien, Valiquette & Parker, \$152,523.15; O. L. Hainault & Co., \$149,552; Amyot, Lemay & Gauthier, \$141,518.88. The contract was awarded to Bastien, Valiquette & Parker, whose tender, though not the lowest, was deemed to offer the best guarantees for the satisfactory execution of this important public work.

Harding & Leathorn, London, Ont., have the contract for building the waterworks at St. Mary's, the figures being \$10,081. The specifications call for: All labor in laying the cast-iron pipe distribution system, comprising 1,000 feet of 10-inch pipe; 4,000 feet of 8-inch pipe; 10,600 feet of 6-inch, and 8,000 feet of 4-inch; setting 52 fire hydrants; setting 34 valves; furnishing material for and building 17 valve chambers and setting 17 valve boxes. The contractor also furnishes all materials required except the cast-iron pipes, the pipe specials, the fire hydrants and the valves.

The Canadian Hardware Association at its annual convention in Hamilton, Ont., last month, elected these officers for the ensuing year: President, T. H. Newman of Caverhill, Lernmont & Co., Montreal; vice-president, Peleg Howland of Howland, Sons & Co., Toronto; secretary-treasurer, R. and T. Jenkins, Toronto; Executive Committee, Thomas Lee of Rice Lewis & Son, Toronto; R. Angers of Frothingham & Workman, Montreal; E. Jeanotte of L. H. Herbert & Co., Montreal; William Vallance of Wood, Vallance & Co., Hamilton, Ont.; John Bowman of Bowman Hardware Co., London, Ont.

For purposes of record and identification, the Detroit Lubricator Co., Detroit, Mich., has numbered its sight feed lubricators consecutively from No. 1 upwards, so that the number appearing on any lubricator shows how many had been manufactured up to its time. On Sept. 15, 1899, there was completed lubricator No. 460,000. When it is considered that as a rule only one lubricator is used on an engine this figure gives eloquent testimony to the very general use of the Detroit lubricators. The present output of sight feed lubricators alone, of this company, amounts to over 5,500 per month. The Detroit Lubricator Co. also reports a rapidly growing trade in its new style glass oilers and oil pumps.

The F. D. Cummer & Son Co., Cleveland, Ohio, the manufacturer of the well-known Cummer Mechanical Dryers, reports the following sales and shipments for the past two months: Laflin & Rand Powder Co., Pleasant Prairie, Wis., one special dryer to dry  $1\frac{1}{2}$  tons of nitrate of soda per hour; United States Navy, Indian Head, Md., one special dryer to dry 1 ton of nitrate of soda per hour; Trent Valley Peat Fuel Co., Peterborough, Ont., one No. 00 "Salamander" dryer to evaporate  $2\frac{1}{2}$  tons of water per hour from peat fuel; Warren-Burnham Portland Cement Co., Craigsville, Va., one No. 8 style "F." dryer to dry  $2\frac{1}{2}$  tons of slack coal per hour; Peerless Portland Cement Co., Union City, Mich., one No. 00 "Salamander" dryer, to evaporate 2 tons of water per hour, from marl; John McGillen, Chicago, one Cummer portable railroad asphalt paving plant, guaranteed to lay 2,000 yards of 2-inch topping per

day of ten hours; Societe Anonyme de Ciments de Vise, Brussels, Belgium, one No. 000 size "Salamander" dryer to dry 15 tons of chalk per hour, and one No. 2 size "Salamander" dryer to dry four tons of clay per hour; T. Herbert Wymonds, Vancouver, B.C., one No. 00 style "F." dryer, to dry 50 tons of fish scrap per day; Pennsylvania Salt Mfg. Co., Natrona, Pa., one 3 tunnel, 6 track tunnel system complete, for drying iron ore briquettes; Vulcanite Portland Cement Co., Phillipsburg, N.J., one No. 0 style "F." dryer for drying 75 tons of slack coal per day; Wm. Krause & Sons Cement Co., Martins Creek, Pa., one No. 8, style "F." dryer for drying  $2\frac{1}{2}$  tons of coal per hour; Premier Tripolite Co., North Sydney, N.S., one special dryer for drying tripoli.

## Electric Flashes.

The Montague, P.E.I., Electric Light Co., is making preparations for lighting the village.

Nelson, B.C., is installing additional power for its lighting service, and will shortly be able to supply 4,500 16-c.p. lamps.

The village of Weston, Ont., intends to buy the water-power on the River Humber, and run its proposed electric light plant.

It has been stated recently that the street railway, gas and electric light and power companies in Brantford, Ont., were to be combined.

At the annual meeting of the Quebec Electric Railway, Light and Power Company, A. Thomson was elected president in place of H. J. Beemer.

A project for the construction of an electric railway from St. Catharines to Wellandport, Ont., traversing Fonthill and Pelham, is under consideration.

W. W. Brown, in charge of the lighting plant at Petrolia, Ont., since its establishment, has gone to Camp McKinney, B.C., to take charge of the plant of the Minnehaha Mining Co.

The transfer of the Hamilton and Dundas Railway to the Cataract Power Company was completed Sept. 17th. The company paid \$10,000 cash besides assuming bonds amounting to \$20,000.

Application is to be made for a charter for an electric or steam railway from Ottawa to Brockville, Ont., with power to operate a ferry on the St. Lawrence, between Brockville and Morrisstown, N.Y.

The Brantford Electric and Operating Co., Brantford, Ont., is rapidly increasing its power business. The Keys Somerville Printing Co. has installed a 3 h.p., two-phase S.K.C. induction motor with which to operate its new printing presses.

E. H. Caughell, Mary L. Caughell, A. E. Marlatt, Emma L. Marlatt and W. T. Williams, St. Thomas, Ont., have been incorporated as the Port Stanley Electric Railway Co., to build an electric railway from St. Thomas to Port Stanley; capital, \$40,000.

Liverpool, N.S., has taken up the municipal electric lighting business, and placed an order with the Royal Electric Co. for a 75 k.w. two-phase S.K.C. generator, as well as the full complement of transformers, and other apparatus. The plant is to be in operation by November 1st.

The Royal Electric Co., Montreal, was awarded the contract for installing the new electric light plant to be added to the plant of the corporation of Picton, Ont. The new plant is to consist of one 120 k.w. S.K.C. two-phase generator, with the full complement of transformers, lamps, etc.

An electric railway between Port Stanley, St. Thomas and London, Ont., the track to be laid along the gravel road connecting those places, is now talked of. A company has been incorporated to build the road, which if successful is to be followed, it is said, by an electric road to Aylmer, Ont.

The corporation of the city of Winnipeg through its Water and Light Commissioners has awarded the contract for the incandescent electric lighting plant to the Royal Electric Co., Montreal. The plant is to consist of a 60 k.w., S.K.C. two-phase alternating generator, with the necessary transformers, etc. The order for the arc apparatus was placed with the Western Electric Co., Chicago, Ill.