

Lewis, H. A. Berwind, E. V. Douglas, Philadelphia, Penn., F. H. Clergue, New York, N.Y., H. C. Hamilton, Sault Ste. Marie, Ont.

G. S. WILSON, for many years partner and manager in J. C. Wilson & Co.'s Montreal, and G. A. Mace, for some years manager of the paper box department, have started business as Mace, Wilson & Co., paper box makers, De Bresoles street, Montreal.

THE twelfth annual meeting of the Illinois Society of Engineers and Surveyors was held in Springfield, Ill., January 27th-29th. A number of interesting papers were read, a large number of which referred to sewage problems and road construction.

THE Excelsior Bicycle Company of Hamilton, Limited, applies for an Ontario charter to manufacture bicycles in Hamilton, Ont.; capital, 20,000. The incorporators are D. Blackley, J. H. Tilden, J. E. Brown, W. J. McDonald, J. Morris, Hamilton.

M. BEATTY & SONS, Welland, Ont., shipped to Rat Portage, Dec. 30th, a fine hoisting engine and boiler, with wire rope and sheaves for the shaft head, for the Mikado Gold Mining Company, to be used on their mine, about forty miles from Rat Portage.

THE plans prepared by Saxe & Rodden, architects, Montreal, for the headquarters at Bisley of the Dominion Rifle Association, have been adopted. The plans are for a storey and a half cottage to be built entirely of Canadian woods. The cost is fixed at \$7,500.

THE sheriff has been put in possession of the works of the Dominion Art Woodwork Company, of West Toronto Junction, at the instance of Molson's Bank, which is creditor of the firm to the extent of \$50,000. Other indirect liabilities amount to \$20,000. There is a claim for wages of \$1,300.

THE mayors of Montreal, St. Henri, Ste. Cunegonde, Cote St. Paul, Verdun and Westmount, will interview the Minister of Railways and Canals to endeavor to have the Seigneur street bridge over the Lachine Canal replaced: to have sidewalks for foot passengers added to Napoleon road bridge, and to build a bridge at Atwater avenue.

THE arbitration for the expropriation of the Cornwall, Ont., Waterworks Company's system and plant by the corporation of that town is resumed. The arbitrators are John Kennedy, harbor engineer, of Montreal, for the town, Judge Carman, of Cornwall, for the company, and Judge McDougall, of Toronto, appointed by the County Judge.

IN his inaugural address for the year, President Ferguson, of the Ontario Canners' and Packers' Association, regretted the overcrowded condition of the canning industry in Canada, noting that since 1885, 25 failures, involving a loss of \$300,000 capital, had occurred in this country, and that this state of affairs did not at all deter new canneries from starting up.

THE most important part of machinery is the bearing metal. Without good boxes there is never satisfaction. The Laurie Engine Co., of Montreal, are building for the Lachine Rapids Hydraulic and Land Co., the largest engine in Canada, and Spooner's Tough Copperine Box Metal is used throughout this great piece of machinery. This speaks volumes for Spooner and his Copperine.

THE Nichols Chemical Company of Canada applies for a Dominion charter to carry on the business of a United States company of the same name at Capelton, Que., to manufacture chemicals and fertilizers, and do a mining business. Capital, \$25,000. The incorporators are W. H. Nichols, W. H. Nichols, jr., J. H. Bagg, of New York; S. L. Spafford, A. W. Elkins, S. L. Clough, N. B. Prichard, Ascot, Que.

THE Bushnell Company, Ltd., has decided to withdraw from the solicitation of lubricating oil trade in the Province of Ontario, and has transferred its travelling salesmen to the Queen City Oil Company, Ltd., Toronto. The Queen City Oil Company will carry a full and complete stock of the same standard grades of lubricating oils and greases they have in the past, and will give careful attention to all orders placed with them, either directly or through their representatives.

THE explosion at the Berlin, Ont., gas works which resulted in the fatal injury of the manager of the works, E. Carl Breithaupt, the instant death of Wm. Aldrich, and the serious injury of another employee named Weller, seems to have been the result of opening a tank by the light of a lantern held by Mr. Breithaupt. It had been found necessary to put more oil into the tank, and the manager went to attend to it personally, thus causing the fearful explosion which ended his life and that of his employees.

THE proposed rebuilding of the Victoria Bridge at Montreal reflects great credit on C. M. Hays, the general manager of the Grand Trunk Railway. The changes mooted are to substitute a modern structure for the tubular one now in use, and provide not only double tracks for railway traffic, but space for foot passengers,

vehicles and electric cars. The foundations of the present piers are ample to carry the new structure, and there is no doubt the change would be a profitable one. The Victoria Bridge is two miles long; number of piers, 24; number of iron tubes, 25; width, central span, 330 feet; width of side spans, 242 feet; width of piers, 18 feet; material of piers, blue limestone; quantity in each, 8,000 tons; height of tubes, 22 feet; width of tubes, 16 feet; total weight of tubes, 10,400 tons; height from water, 60 feet; cost of bridge, \$7,000,000.

A DEMAND of assignment has been made on Albert Holden, doing business as A. Holden & Co., by the Positive Lock and Washer Co., Newark, N.J. Assets are limited and liabilities placed at \$19,781. The largest creditors are the Bowling Iron Company, \$511; the Phoenix Company, \$1,798; Torrey & Sons, \$510; the Positive Lock and Washer Company, \$301; the Bushnell Company, Ltd., \$2,051; Watson Heater Company, \$200; Felix Sauvageau, \$350; Mrs. M. C. Waddell, \$10,000; Mrs. H. P. Holden, \$3,523.

AMONG the acts passed by the Quebec Legislature at its last session, were acts to incorporate the North Shore Power Company, to authorize the trustees of the parish of St. Jerome to borrow an amount not exceeding \$60,000 for the construction of a church, sacristy and dependencies; to incorporate the Montreal Cold Storage and Freezing Company; to incorporate the Coaticook Electric Light and Power Company; respecting "The Stadacona Water, Light & Power Company"; to incorporate "The Canada Stone Chinaware Company."

THERE is said to be a well established combine among the shovel manufacturers in Canada and the United States. Here is an extract from a letter which has appeared in the daily papers recently, dated January 11, written by an American spade and shovel manufacturer to a Canadian importer: "Replying to your favor of the 6th inst., at the last meeting of the Shovel Association in New York, the Canadian manufacturers made an arrangement with American makers not to interfere with Canadian trade. We are, therefore, not in a position to quote you prices."

THE Canadian Nail Manufacturers met in Toronto recently. The discounts have been advanced 10 per cent., which reduces the price of nails. The discounts in the various Provinces are now as follows: Ontario, 80 per cent., delivered in 10 keg lots or over. Quebec, 80, and 2½ per cent. f.o.b. Montreal. Maritime Provinces, 80 per cent., delivered in 10 keg lots or over. British Columbia, 80 and 2½ per cent. f.o.b. factory. Winnipeg, 75 and 5 per cent. f.o.b. Winnipeg. No change was made in the price of galvanized and plain wire and cut nails. Horseshoe and horse nails were dealt with at a meeting held in Montreal later; cull horse nails are withdrawn and prices are unchanged.

W. H. WALKER, graphite miner, of Hull, Que., has assigned, liabilities \$172,420. The largest creditor is H. C. Hammond, of Toronto, \$73,000. Hon. R. W. Scott has sums aggregating \$14,000, and his name appears with Senator Clemow's for a couple of thousand more. Senator Clemow has a claim of \$7,000, a joint claim with the estate of C. T. Bate for \$9,000, and another with Sir Adolphe Chapleau and A. Audet for \$12,000. The estate of H. C. Pinhey claims \$6,000, A. A. Audet, \$10,850, John R. Tilley, of New York, \$6,000, and Mrs. Laura Willard, of Prescott, \$12,000. Other creditors are the Ontario Bank, \$2,000; Seybold and Gibson, \$1,500; Blaikie & Co., Toronto, \$1,500; A. Masson, \$1,000; C. A. Blanchet, \$1,600, etc.

THE annual meeting of the National Association of Plumbers was held last month in Quebec. The president, Jos. Lamarche, Montreal, occupied the chair. The meeting was well attended by members from all parts of the Dominion. A special committee was appointed to confer with manufacturers of plumbers' and steam-fitters' supplies. The Montreal resolutions, the chief of which was "That the National Plumbers' Association would deal only with those merchants who sold to no others but master plumbers," were endorsed by the meeting. A deputation of wholesale dealers was received, who, after a short conference, extended their congratulations to the association. The vice-presidents from the different provinces submitted reports.

JUSTICE BURBIDGE, in the Exchequer Court, gave judgment recently in the Goodwin case. George Goodwin, contractor of the Soulanges Canal, sued the Government for about \$74,000 in connection with his contract. The case was before the Exchequer Court some time ago, when judgment was given for \$57,000, but it was sent back by the present Government for decision on certain legal questions reserved. In his later judgment Justice Burbidge decides against Goodwin. Judge Burbidge points out that the engineer's certificate did not state that the work was done to the satisfaction of the engineer in charge. Evidence was produced to