

A PORT ARTHUR special says:—Malcolm McGregor and Charles Gehl have just returned from the Attie, Sand and Round Lake mining regions. They say that a new and rich mining region has been discovered about forty miles west of the Great Beaver mines. Silver and iron abound throughout the entire region.

NEARLY all the mills in the country that depend solely upon water for power have been greatly troubled this season on account of the long drought. This, however, has had the effect of awakening them to the advantages of steam power, and the majority of them are discarding their water wheels and erecting steam engines.

At the recent annual meeting of the Canada Anthracite Coal Co. the following officers were elected.—President, McLeod Stewart, Ottawa; vice-president, Senator Thorp, Wisconsin; treasurer, O. H. Ingram, Wisconsin; secretary, W. B. Scarth. Directors—A. Pugh, St. Paul; John Stewart, McLeod; Archibald Stewart, Ottawa.

FARMERS are holding back their wool this season in hopes of being able to secure large prices. They have already succeeded in forcing it up to an unnatural figure far above its real value, and they will probably hold it a day too long, as manufacturers find it is cheaper, comparatively, to use a good medium foreign wool than Canadian at prevailing prices.

THE Osborne-Kiley Manufacturing Co., Hamilton, Ont., have recently finished and delivered a 150 horse power steam engine to Messrs. Michael Brennen & Sons, Huntsville, Ont., for their new saw and planing mill just being completed. This is the fourth steam engine built by the Osborne-Kiley Manufacturing Co. for Messrs. Brennen & Sons.

AN effort is being made to induce the Alpha Oil Company, of Sarnia, to locate a branch of their works in Windsor, Ont., for the manufacture of gas out of their oil. They are burning the gas in their own establishment in Sarnia, which they claim is superior to coal gas, and which they can furnish to consumers at \$1.00 per thousand cubic feet.

THE suction hose recently manufactured in this city by the Toronto Rubber Company, for the Nova Scotia Wrecking Company, of St. John, N.S., is said to be the largest suction hose ever made in this country. It is 120 feet long and 10 inches internal diameter, and weighs two tons. Accompanying it were several sections of discharge hose of same diameter.

THE Snow Drift Baking Powder Co., of Brantford, Ont., made a shipment a few days ago of three tons of baking powder, consigned to one firm in Winnipeg. This is a heavy shipment, and shows in what high repute the firm's goods are held. The output of the Snow Drift Baking Powder Company is steadily on the increase and now reaches nearly seven tons per month.

MR. JAMES PROVAN's hay carrier has met with greatest success the present season. He has sold nearly six hundred machines so far this year. From every quarter reports come in that the machine is working well, and in no one instance has it failed to give satisfaction. It is without doubt the most perfect invention of the kind ever placed on the Canadian market.—*Oshawa Indicator*.

MESSRS. FERGUSON, ALEXANDER & Co., Montreal, have bought the interest of the late firm of McDougall, Logie & Co., in the Glasgow Lead and Color Works of that city, and will continue the manufacture of white lead, paints, oils, varnishes, etc. They are introducing into their works a considerable quantity of new machinery, with all the latest appliances for economical working.

MR. JAMES McPARTLAND, of Messrs. Campbell & McPartland, St. John, N.B., has been granted a patent for a flush valve for water closets, for which it is claimed that it possesses many advantages over other systems now in use. It can be attached to any system, is inexpensive, prevents unnecessary waste of water, and flushes the basin before and after use.

MR. J. R. REID, president of the Chatham Street Railway Co., Chatham, Ont., is in communication with the Mead Electric Light Co., of Toronto, in regard to their new system of electric lighting and motive power, whereby a dynamo is absolutely dispensed with and a simple chemical battery substituted therefor. It is claimed that the Mead is the best and cheapest system of propelling street cars.

MESSRS. EDWARDS & McRAE, Cookshire, near Sherbrooke, Que., have their new roller process flouring mill nearly ready for operation. The mill is of 50 barrels a day capacity, is operated by a 35 horse power steam engine, and cost about \$8,000. Wheat will be brought by rail from Manitoba to the door of the mill, and the sur-

plus product, after supplying the local demand, will go by the short line to lower ports.

MESSRS. ROYDUS & SONS, Welland, Ont., have been giving exhibitions of their patent fire escape, which have been very successful. The apparatus is placed on a suitable truck, to be drawn by horses, and is easily handled, the weight being only 3,500 pounds. At a recent exhibition from the time the truck was wheeled into position until the escape had been extended, and two men at the top of it, was only 45 seconds.

THE Kingaton Hosiery Company have introduced a novelty in the shape of a dyeing machine. It consists of a circular drum, divided into compartments, made to fit inside an ordinary vat, its metallic parts being made of non-corrosive metal upon which acid has no effect. It can be made to revolve at any speed through the dye liquor, thus securing perfect evenness to the goods to be dyed. It is giving splendid results.

A RECENT despatch from Belleville says:—Mining operations in North Hastings are booming. H. J. Ritchie, president of the Central Ontario Railway, will open the Baker mine in a few days. J. B. McMillan, late superintendent of the same road, has bought a gold mine near Bannockburn, which he will operate at once. The ore will be sent to be crushed at Malone. The St. Charles mine is also to be opened at once.

MESSRS. PARK BROS., Chatham, Ont., have the contract for supplying the Chatham Dredging Company, of that place, with the necessary pumping machinery to be used in reclaiming certain lands in that section. The pump wheel will be 28 feet in diameter on an 18 foot 7 inch shaft, the fly-wheel weighing three tons. The boiler will be 72 inches in diameter and 150 horse power, and the steam engine will be 120 horse power.

AT the recent Colonial Exhibition in London, the Canadian exhibit of musical instruments surprised the British public, and many of the most prominent musicians, including Dr. Stainer, spoke in eulogistic terms of the pianos manufactured by Messrs. Heintzman & Co., of Toronto. The thirty-seven years that this concern has been engaged in the manufacture of pianos have resulted in the establishment of a most enviable and honorable reputation.

MESSRS. SAMUEL CLARE and Edward W. Smith, of Winnipeg, Man., have patented a billiard cue chalk; Mr. Thomas R. Brough, of Gananoque, Ont., a centre board for sailing vessels; Messrs. F. W. Fuller and B. S. Synder, of Port Elmsley, Ont., improvement in bobbin holders for textile machinery; Mr. P. G. Walker, of Westwood, Ont., for improvement in sleigh brakes, and Mr. Matthew Wainman, of Thorah, Ont., an improved churn.

A LARGE amount of new machinery has been added to the Marysville cotton mill during the past two or three weeks, and more has just arrived. Two large cotton mules, of 800 spindles each, have been received from England for the mill. Of the 200 looms that have been ordered, 75 only have reached here as yet. The remaining 125 looms are expected shortly. Upwards of \$2,000 were paid in duty for the cotton mill machinery received here yesterday.—*St. John (N.B.) Globe*.

THE Dominion Show Case Manufacturing Company, Toronto, have made some changes in the personnel of their management, as will be observed by their business card in another page. This concern are running to their full capacity on orders for their show cases, a great many being in course of construction and already finished for displays in the Dominion and Industrial Exhibition and in the Permanent Exhibition of Manufactures of Messrs. Nicholls and Howland, on Front street, this city.

THE entire production of petroleum in the United States last year was equal in fuel capacity to 6,000,000 or 8,000,000 tons of coal. From this it is argued that if it be granted that petroleum is a good substitute for coal as a heat producer it would cut a very small figure, owing to the very small quantity of coal it would substitute. Those who look at the subject in this light appear to overlook the fact that the production of petroleum could be very greatly increased if demand required it.

MICHAEL BRENNEN & SONS, lumber merchants and saw and planing mills proprietors, are building a new saw mill on their timber limit, Huntsville, Ont. This mill will have a capacity of about 75,000 feet per day and will be the largest of their three mills. The mill building is now up and the two 75 horse power boilers are in place. The engine of 150 horse power is being now shipped. The weight of the steam machinery will not be less than 50,000 pounds.—*Hamilton Spectator*.

AN effort is being made to, if possible, induce the Rathbun Company of Deseronto to make Lindsay their headquarters for this district. The company are looking for a site on which to build a large