

MR. LOUIS WERTHEIM, the largest asbestos manufacturer of Frankfurt, Germany, accompanied by his son, Mr. Ed. Wertheim, has been visiting several asbestos properties in the province with a view to purchase. We are informed that he has taken over Dr. Reid's property in Coleraine, consisting of 100 acres, paying in cash \$40,000. He is also negotiating for a further purchase of 300 acres in Range A of Coleraine. Capt. W. L. D. Learmonth has been left in charge of the property. An extensive working plant, consisting of steam drills, air compressors, 100 horse-power engine, derricks, etc., is being purchased, and every effort is being made to work the property on a large scale. Operations have begun and will be continued during the winter. Mr. Wertheim is greatly pleased with the appearance of our asbestos mines, and speaks very highly of the quality of the mineral, which he has been importing largely for some time.—*Mining Review*.

MR. H. C. THURBER, of Marquette, Mich., has organized a company and bought the Sarnia oil refinery, and as soon as the necessary stills, etc., have been placed, will begin the refining of petroleum. The new refinery will be in operation about New Year's. It is stated that by the new process equally as good refined oil can be secured from crude product as that now refined in the United States. As the crude oil found in Canada is identical with the greater part of the Ohio supply, the experiment will be closely watched, and its success will solve a problem which has attracted much attention of late years. It will prove especially valuable to Canada, as there is a duty on refined oil. The Ohio product, now largely used for axle-grease, machine oils and for other than illuminating purposes, will, if the new theory proves a success, enter into active competition with the Pennsylvania product so largely used for family purposes as an illuminating agent.

MESSRS. EDWARD GREEN & SON, New York city, have sent us a finely illustrated description of Green's fuel economizer, for heating the feed water for steam boilers. Briefly stated, this apparatus consists of sets of cast-iron pipes made in sections, with suitable connections, placed so as to utilize the gases that are usually wasted in the combustion of fuel. The feed water is forced into the economizer by the pump or injector, where it is heated before introduction into the boiler. The apparatus can be introduced without stoppage of works; the sections of pipes are interchangeable, and all parts are accessible without removal of the encasing brickwork. A number of tests are reported in detail, showing the advantages of the system as demonstrated in some of the most important manufacturing establishments in both the United States and England; and a long list is given of names of concerns who have it in use. We are told that this apparatus is used in connection with 130,000 boilers in America, Great Britain and all the manufacturing countries of the world.

WHAT are now the works of the Wm. Hamilton Manufacturing Company, at Peterboro, Ont., were built some forty-six years ago, and came into possession of Mr. Wm. Hamilton in 1857, who has conducted them ever since, and under whose management they have attained their present high reputation among the prominent iron manufactories of Canada. The main building is a two-story brick, covering an area of 600x50 feet, and several other buildings occupy the premises, one having been built last summer which is 166 feet long and two stories high. Though these works cover a wide range of products, the concern make a specialty of the heaviest class of sawmill machinery, including engines and boilers. Their band sawmill for cutting very large logs, recently introduced, is attracting the attention of leading mill men. These works also manufacture circular sawmills, gangs, steam feeds of different designs, steam and friction log canthers, Covell's patent saw sharpeners, shingle mills, edgers, jointers, drag saw machines, marine engines and boilers, hand and horse capstans, etc.

THE Northumberland Paper and Egg Case Company, Campbellford, Ont., is an important industry. Mr. E. G. Burk is the moving spirit of the concern. The works are equipped throughout with the most improved machinery for the manufacture of straw board, about 3,000 tons of straw being consumed annually. The mills are lighted by Ball's system of electric light. Box board, plain and tar building paper, roofing and moth proof carpet felt are the products of this mill, the capacity of which is about twelve tons per day. The machine for the manufacture of straw board egg-cases is an ingenious contrivance. The board is fed into the machine from a roll; the mortices are cut by a set of dies; when the board is advanced another stage it is cut off with a knife and placed in a set of grips, which are carried over to the other side of the machine, when another set of dies and knife cut another roll, placing the strips at right angles to the first, and then shoving each strip into the mortices of the other. The mortices are so cut that each strip

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