

Wellington Colliery Co.—Owners—Robert Duesmuir & Sons, Wellington, B.C. Jno. Bryden, general manager; General Overman, Alex. Sharp. Head office, Wellington colliery, Wellington, B.C. This company owns and operates the Wellington colliery, situate at Wellington, Vancouver Island, B.C. Value of plant, \$150,000. Coal output for 1893, 337,334 tons; number of persons employed, 983.



CHARLES H. TAYLOR, the inventor of the new system of hydraulic air compression, of which a full description appears in this issue, was born at Miramichi, N.B., in 1859, and after leaving school adopted mechanical engineering as a profession when about sixteen years of age, and soon became a master mechanic and millwright, and has built mills in various parts of the Dominion. He subsequently turned his attention to mining, and has been employed as mining engineer in several mines in North and South Carolina and Colorado for about five years. It was while building a dam near Buckingham Station, Que., one winter, and watching the flow of water over the dam and under the ice, that the idea first suggested itself to him that air could be carried down with, and compressed by, the weight of the water. Having satisfied himself by tests that it could be done, he left to fill a mining contract in North Carolina, and on his return to Montreal last year, proceeded to develop the idea, with the result that he has perfected a system that bids fair to open up a large field for compressed air as a motive power.

WE would direct the attention of the Dominion Government to the letter of Mr. Baillairgé on the new Chicago Canal. If the result of building this canal is a reduction of one-thirtieth of the volume of water which comes down the Niagara and St. Lawrence Rivers, it will place our navigation interests in a very grave situation. In conversation with several Canadian engineers, more or less familiar with lake navigation, we find a great difference of opinion. One authority says it will make no appreciable difference in the level of Lake Ontario or of the two great rivers. Another says it will lower the level of Lakes Erie and Michigan by six to nine inches. If the level of the lakes is reduced by even one inch it becomes a grave question, and we believe Canada has clearly the right, if our lake and river levels should be affected, to demand the stoppage of this outflow, even though the canal is entirely within United States territory. A similar case occurred on the St. Lawrence a year or two ago, when the American Government were the complainants, and when a dam which was about to be built from one of the islands to the main land on the Canadian side was abandoned because of the danger of flooding lands on the American shore.

IN Hornsey, London, a new roadmaking material is obtained by collecting and burning the dirt of the district and using the coarsest of the clinker which is thus obtained. As a by-product, the finer clinker, after being put through a mortar mill, is mixed with lime or cement, thus forming a good mortar or grouting. The rest of the clinker is mixed with Portland cement, which makes very good paving stone.

Industrial Notes.

COLDWATER, Ont., council proposes to purchase a fire engine.

M. CROWELL has been awarded the contract for erecting gaol and Government buildings at Midway, B.C.

FAWCETT's foundry at Sackville is working partially, some of the men having struck work owing to a cut in wages.

THE Canadian Engine and Locomotive Works Co., Kingston, Ont., have secured the right to manufacture the "Otto" gas engine in Canada.

THE Fairchild Vehicle and Machinery Co. (Ltd.), Winnipeg, is applying for incorporation, with a capital stock of \$100,000. Among the applicants are F. A., T. E., and J. H. Fairchild, W. Hutchison and G. E. Dixon.

THE Toronto authorities have at last awakened to the fact that economy in fire protection does not pay. They are about to add a Ronald engine, a Merryweather engine, and all other appliances required to meet future emergencies.

THE congregation of St. Matthew's Church, London, Ont., have resolved to build a new and larger edifice on the site of their present church. The cost will be about \$10,000.

THE owners of the Port Discovery, B.C., saw-mills are going to spend \$100,000 in improvements, and they will be operated soon to their full capacity of 300,000 feet per day.

THE Goldie & McCulloch Co., of Galt, got the contract for the three engines and boilers and other plant for the incline railway to be erected by the East Hamilton Improvement Co.

THE Hamilton Facing Mills Co. took action against the Quebec Fire Insurance Co. to recover the value of the contents of a small shed adjoining their four-storey factory building, and won the case. Defendants appealed, but the appeal was dismissed with costs.

THE annual general meeting of the Canada Paper Co. was held in Montreal last month. The usual reports were submitted and deemed satisfactory. Officers were re-elected as follows: President, John McFarlane; vice-president, Andrew Allan; secretary and treasurer, John G. Young.

THE Steel Sink Range Boiler and Stamping Company, of New Toronto, has gone into liquidation. The company was started three years ago with a capital of \$37,000. Now the liabilities are \$46,779 and the assets are placed nominally at \$86,000, but it is not expected that much will be realized for the creditors.

H. GILLEN, architect, of Kingston, Ont., undertook to do the architectural work on a \$25,000 building, the Hotel Quinte, Belleville, for \$1,000. The actual cost of the building was \$36,000, and he took out an action for a fee correspondingly larger. The judge decided that the hotel company were liable for the difference.

AN arrangement has been effected whereby the St. John, N.B., Gas Light Co. is absorbed by the St. John Railway Co. This is under the terms of the legislative Act recently passed, which provides that the gas is never to exceed the present selling price. The total issue of bonds by the company is limited to \$500,000. By a subsequent deal the electric light works are brought into the combine.

W. C. EDWARDS & Co are about to build an incinerator to burn the refuse and sawdust from their lumber mills at New Edinburgh, Ottawa, to be in readiness about the 1st of next month. It will be 80 feet high and about 20 feet in diameter, and will be constructed entirely of brick and stone. All through the mills carriers will be laid for the purpose of carrying all sawdust and edgings to the incinerator.

THE contracts have been let for the new Malleable Iron Works at Toronto Junction. They are to be called the Toronto Junction Steel and Malleable Iron Works, and W. H. Gore, of Elgin, Ill., is the chief promoter. The buildings, the main part of which will be 30 x 180, will be started as soon as the frost is out of the ground, and it is expected that operations will commence in June. About 25 hands will be employed.

THE annual meeting of the Intercolonial Coal Mining Company was held in Montreal last month, when the following were elected directors: J. P. Cleghorn, president; H. A. Budden, vice-president and managing director; Hartland S. MacDougall, W. M. Ramsay, E. Goff Penny, Thomas Wilson, Alex. Gunn, Angus W. Hooper and R. McD. Patterson. W. J. Nelson is secretary-treasurer. The sales of coal and coke for the year amounted to 213,946 tons, the largest in the history of the company. It was decided, however, to declare no dividend this year.