

The Amherst Foundry Co., Amherst, N.S., have ordered three travelling cranes from the Smart-Turner Machine Co., Limited, Hamilton, Ont.

Messrs. Connor, Clarke & Monds, consulting engineers, Toronto, are making a report on waterworks and sewerage systems for the town of Haileybury, Ont. They are also making a report on a hydro-electric power development at Hound Chute, on the Montreal River, about ten miles from Haileybury.

Arrangements have been made to hold a joint meeting of members of the American Institute of Mining Engineers and of the Iron and Steel Institute of Great Britain in London this month. The Lord Mayor has consented to act as chairman of the local Reception Committee, and a varied programme of receptions, visits and excursions is being arranged.

The Standard Oil Co. has ordered two "Hornsby-Akroyd" oil engines of 25 H.P. each, which will be shipped to Chinkiang, China, and used for pumping purposes. The engines are supplied by the De La Vergne Machine Co., of New York, who state that the use of oil engines has increased enormously in the past few years, there being now over 14,000 oil engines of the "Hornsby-Akroyd" make alone in operation.

The sixteenth annual meeting of the Ontario Association of Stationary Engineers was held at Hamilton on May 28th. The meeting was a very profitable one, and the largest held since the formation. About eighty members were present. Officers were elected as follows: A. M. Wickens, president (Toronto); W. A. Sweet, vice-president (Hamilton); treasurer, C. Moseley (Toronto); registrar, W. G. Blackgrove (Toronto). The meeting adjourned to meet in Brantford, May 27, 1907.

The United States Circuit Court of Appeals for the Third Circuit, sitting at Philadelphia, handed down a decision on May 24th last in the case of the Westinghouse Electric and Manufacturing Co. against the Cutter Electric and Manufacturing Co. The case involved the manufacture and sale of an automatic circuit breaker, which the complainant alleged had been infringed by the Cutter Company. In a previous decision of February 27th, 1906, the court decided against the defendant, but the latter asked for a re-hearing, and the present decision is that, after a reconsideration of the matter, it is of the unanimous opinion that the Westinghouse patent is valid, and the Cutter circuit breakers are an infringement thereof. An injunction and order for an accounting to the Westinghouse Company will be issued in due course. The patent involved was granted to Wright and Aalborg, September 26th, 1899, and is numbered 633,772.

Mr. R. Wison Smith, ex-Mayor of Montreal, who was recently appointed a director of the Lake Superior Consolidated Company, after returning from a visit to the Soo, in an interview says: "The rail mill can now turn out six hundred tons of rails per day. With the addition of a blast furnace it will soon be able to turn out a thousand tons. The steel rails will be the very best, and those who buy them will give the company repeat orders. There are rail orders twelve months ahead. These, of course, have not to be delivered immediately. There is no more promising enterprise in the Dominion to-day than the Soo industries. It is the biggest potentiality, not only in Canada, but of this entire continent. I have no hesitation in saying that for the completeness which marks several features, for the homogeneous principle running throughout the whole, for natural resources to maintain and replenish the industrial activities, this is the completest thing on the continent."

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## TELEGRAPH AND TELEPHONE

The Yukon district has asked the Federal Government to install space telegraphy over the 1,200 miles between Atlin and Quesnelle. This portion of the Yukon telegraph service is subject to frequent interruption during the winter months.

The New Brunswick Telephone Co., head offices Fredericton, will expend \$100,000 this summer on improvements and extensions.

The Bell Telephone Company has received a five-year franchise from Berlin, Ont., on condition that the company removes poles and places wires underground along certain streets of the city.

The granting of permission to the Bell Telephone Company to increase its capital from \$10,000,000 to \$30,000,000 opens up to the present stockholders an enticing vista of valuable rights from time to time. There has been little of the company's stock sold lately, and it is doubtful if any quantity could be secured by vigorous bidding in view of the chances of handsome profits from future rights.

The decision arrived at by the Dominion Government in regard to telephone companies settles a dispute between the companies and municipalities. The latter have been demanding the restoration of their control over their own street rights, to which the companies have replied that such would not only imperil their capital invested on the faith of a Dominion charter, but would destroy the efficiency of their long-distance services. The Government has compromised by protecting the existing property of companies, but will refer to the Railway Commission disputes as to renewals and extensions. Telephone rates and questions affecting the interchange of messages will be settled by the Commission.

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## PERSONAL

The Technical University of Berlin has conferred on George Westinghouse, the American inventor, the degree of Doctor of Engineering.

The Waterous Engine Works Company, of Brantford, have donated \$500 to the Bell Memorial Fund, as the telephone was invented in that city.

L. G. Coleman has been appointed assistant superintendent of the Ottawa Division of the Grand Trunk Railway. He will have charge of transportation, with jurisdiction over all employees in the station, train and yard service.

Prof. Geo. R. Mickle, lecturer on mining at the School of Practical Science, Toronto, who was one of the inspectors in the Cobalt district last year, has been appointed, under the Mines Act of last session, inspector of mining claims for the present season, and has entered upon his duties.

Dr. Haanel, Superintendent of Mines, has sent to the Governor-General a specimen of pig iron smelted by electric process during the recent experiments at Sault Ste. Marie. The pig iron has been beautifully ground and bevelled and enclosed on an ebonized frame. Its smooth and shining surface, which looks like steel, bears a suitable inscription in red letters. Samples of the pig iron in the form of paper weights, with suitable inscriptions, have been forwarded to the Prime Minister and Members of the Cabinet.

James Burnett, assistant engineer of the Montreal Light, Heat and Power Company, is about to sever his connection with that company, to become superintendent and electrical engineer of the Montreal and Southern Counties Railway, which is about to begin active operations on the south side of the river. Mr. Burnett has been connected with the company since the days of the Royal Electric Corporation. It is understood that his resignation will go into effect almost immediately, and that he will at once enter upon the discharge of his new duties.

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## MARINE NEWS.

It is announced on the authority of a high official of the company that, in view of the great success attained this year by the "Empress" boats, the Canadian Pacific Railway will shortly inaugurate a very fast line, to excel any possible service from the port of New York.