

The Jenckes Machine Company, Limited, of Sherbrooke, Que., has recently shipped a 250 h.p. electric hoist to the Granby smelter at Phoenix, B.C.

The Alaska Treadwell Gold Mining Company, Treadwell, Alaska, recently ordered a 20 x 48 double drum, direct acting hoisting engine from the Allis-Chalmers Company, Milwaukee.

The infringement, which formed the basis of this suit was the using of Sheefer Alternating Current integrating wattmeters manufactured by the Diamond Meter Company of Peoria, Ill. This is the same patent on which E. B. Latham & Company of New York City, dealers in Sheefer Wattmeters, was enjoined on November 4th, 1905.

The Sullivan Machinery Company, of Chicago, which was one of the sufferers by the recent upheaval in San Francisco, has now opened temporary offices at 1010 Washington Street, Oakland, Calif. Far from being daunted by the recent disaster, they will now carry an increased stock of rock drills and air compressors, together with the separate parts of these machines. The manager is Mr. H. T. Walsh.

The Westinghouse Machine Company, during the months of February and March, received orders for 35 steam turbines aggregating approximately 50,000 Brake Horse Power capacity, to be used by transportation companies chiefly.

The largest is of 7,500 K.W. capacity, or 11,000 Brake Horse Power, and will be installed by the Transit Development Co., of Brooklyn.

The United States Circuit Court for the Northern District of New York, a few days ago, filed a decree enjoining the defendant in the case of the General Electric Company vs. the Madison County Gas & Electric Co. from using alternating current integrating wattmeters or other motor devices embodying a provision for securing an approximate 90 phase adjustment by induced circuit.

We are in receipt of one of a series of fifty multichrome cards, giving views of Swiss scenery, which the Allis-Chalmers Company are sending to their customers, as an advertisement of the Schindler Bolting Cloth, which they furnish to millers. These views are the finest specimens of their kind that the company has found it possible to procure, and are certainly examples of most excellent work.

The annual report of the Bell's Asbestos Company, Limited, London, England, for the year 1905, is to hand. The result of the year's operations is a net profit of £18,575 15s. 2d. At the annual meeting the directors recommended the payment of a dividend of 12½ per annum, free of income tax, on the 30th of April. The affairs of the Company are in a flourishing condition. Additions to the buildings and plant at the Greenwich factory have been completed, and the sale of the company's estates in Canada effected, the company's requirements of raw material having been amply protected.

The Westinghouse Machine Company has begun a third suit against the Allis-Chalmers Company, in which infringement of another Westinghouse-Parsons steam turbine patent is alleged. The bill was filed in the Circuit Court for the District of New Jersey, and the Westinghouse Company charges the Allis-Chalmers Company with infringement of patent No. 788,830 owned by the Westinghouse Machine Company.

This patent covers the construction of the rotating element of the turbine as used by the Westinghouse Machine Company and the Allis-Chalmers Company. The suit was filed on Wednesday, April 11th.

The Westinghouse Machine Company, of East Pittsburgh, Pa., has recently contracted with the Olean Street Railway Company to install in their power house at Ceres, N.Y., two gas engines for supplying current to the Olean Street Railway, serving Olean, Ceres, Boliva, etc. In the near future, power will also be supplied to an interurban railway system between Olean and Salamanca, N.Y., a distance of 15 miles. They will operate on natural gas having a calorific value of approximately 1000 B.T.U., which fuel is very plentiful in this territory. At present the Olean Street Railway Company has a steam power plant in service, burning gas under boilers, and a large saving is expected in using gas power.

The Canadian Westinghouse Company, Ltd., has secured several important contracts recently, among which are:—

One for supplying the Provincial Light, Heat & Power Company with apparatus to be used in the development of another large water power plant near Montreal. The initial installation will consist of three 3750 K.W., revolving field, alternating current, water wheel driven generators of 4,000 volts,

three phase, 7,200 alternations; also twelve 2,500 K.W., 44,000 volts, oil insulated, water cooled transformers. This new power station will be used for supplying additional power to the Montreal Light, Heat & Power Company at Montreal. The step-up transformers will be wound for 4,000 to 44,000 volts, and the lowering from 40,000 to 12,500 volts. The transmission line is about 40 miles in length.

The Washington Portland Cement Company's new plant, located in Skagit County, Washington, on the Skagit branch of the Great Northern Railway, between Anacortes and Rockport about 104 miles northwest of Seattle, which was begun early last spring, is expected to be ready for operation by the end of April. The equipment, both for power and cement making, is, in many respects, worthy of note, being furnished by a single concern, the Allis-Chalmers Company of Milwaukee, whose hydraulic turbine will furnish power to a generator, which in turn will supply current for a full equipment of motors, mounted directly on the various machines used in the modern process of Portland Cement manufacture. It is the intention of the building company to bring the capacity of the plant up to a capacity of 3,000 bbls. per day by adding two kilns at a time.

One for the Northern Electric & Mfg. Company, of Montreal, for a second 300 K.W., Westinghouse-Parsons turbo-generator unit, to be installed alongside of one of the same capacity now in service. The generator is a 220 volt, three phase, 7,200 alternation machine, operating at 3,600 r.p.m. while the turbine will operate at 150 pounds steam pressure with 100 degrees superheat. Also, The Yukon Consolidated Company, Ltd., have placed a contract for the following: Three 100 H.P. 3-phase, 60 cycle, 400 volt, type F motors; three 15 H.P., 3-phase, 60 cycle, 400 volt, type F motors; three 50 H.P. 850 r.p.m., 3-phase, 60 cycles, 400 volt, constant speed induction motors; three 30 H.P. motors; three 20 H.P., 1,120 r.p.m. motors; three 15 H.P. 850 r.p.m. motors; three 7½ H.P., 1,700 r.p.m. motors; nine 75 K.W., oil insulated, self cooling transformers; two 625 K.W., 3-phase, 60 cycle, 2,000 volts, 415 r.p.m., A.C. generators, and two 17 K.W., type S exciters for same; one 1 panel switchboard for controlling the above; four 250 K.W., oil insulated, oil cooled transformers and four 200 K.W. transformers, same type.

COBALT NEWS.

Two more compressor plants are being installed at Cobalt—at the Drummond and Jacobs properties at Kerr Lake.

Machinery is being installed by the Cobalt Silver Queen Co., at the Stormont mine, and the Company expects to have its first car load of ore on the market by May 15.

The Toronto Cobalt Mining Co. is developing its property on Sasaginaga Lake adjoining the Tretheway mine. The Buffalo and Hudson Bay mines are on adjacent properties.

The Cobalt Hotel Company (Limited) has been incorporated, to carry on an hotel business at Cobalt. It has a capital of \$30,000.

The report of a find of Cobalt ore at Montreal River has been confirmed. The property has been purchased by Mr. C. L. Hanson. It is situated 1½ miles from Latchford station on the T. & N. O. Railway.

It is reported at the Bureau of Mines that a vein of Asbestos, ten feet wide, has been discovered in the township of Coleman near the boundary of Bucke, but the quality has not yet been determined.

The second edition of part II of the Ontario Bureau of Mines, Report, dealing with Cobalt wire, contains a description of the Cobalt ores of Saxony and a copy of a French Map of Canada published in 1744, showing a part of the Temiskaming district.

The Wright silver-lead mine, six miles from Haileybury, on the east side of Lake Temiskaming, is reported to have been sold to McMartin Bros., of the La Rose mine, for \$50,000. Fifty men will be employed. This is one of the oldest silver mines in Canada. It has a 38 foot ledge.

The Glendinning or University mine at Cobalt, owned by three students of the School of Practical Science at Toronto, which made its first shipment of ore in November, has produced up to date about \$100,000. It is now well equipped for economical work.

Professor W. G. Miller, provincial geologist, left Toronto with a party, the first week in May, to make a thorough examination and topographical survey of the Gillies limits, which