

NEW COMPANIES.

East Templeton Lumber Company, Limited, Brockville, Ont., incorporated, capital \$300,000, to acquire the business carried on at East Templeton, Que., and other points by the late John MacLaren.

Standard Shirt Manufacturing Company, Limited, Montreal, incorporated, capital \$1,000,000. Promoters, David Yuile and Charles B. Gordon, manufacturers, James R. Gordon, commission merchant, of Montreal; and others.

Canadian Metal Company, Limited, incorporated at Victoria, B.C., capital \$1,000,000, to carry on a general mining business.

Northern Power & Lumber Company, Limited, Atlan, B. C., incorporated, capital \$50,000, to acquire the business of the Northern Lumber Company, of Atlan, and the British Columbia Power & Manufacturing Company, of same place.

Canadian Turbine Propulsion Power & Light Company, Montreal, incorporated, capital \$500,000, to manufacture engines, motors, etc., and to acquire patents relating to the development and transmission of power. Promoters, Walter Rowbotham, engineer; N. P. Bryant, broker, of Montreal, and others.

Rainy River International Telephone Company, Rainy River, Ont., incorporated, capital \$250,000. Directors, D. Robertson, P. T. Roberts, J. A. Mathieu and others.

Welsh Tanning Company, Hastings, Ont., incorporated, capital \$200,000. Directors, J. Welsh, J. M. McGrail, T. H. Quigley.

THE PRODUCTION OF ASBESTOS.

So much asbestos is now being utilized for fire-proofing buildings that a summary of its production will prove of interest. Asbestos occurs in commerce in two distinct forms; one of these is an anhydrous silicate, known as amianthus, and consists of brittle fibrous hornblende, which is unaffected by acids, whereas the other form, known as chrysotile, or serpentine asbestos, is a hydrated compound which is attacked by acids, but is characterized by great elasticity of its fibres. The first form occurs principally in Italy and Austria, whilst the latter is found chiefly in Canada in the province of Quebec. Both minerals can be readily divided into fine fibres, which can be spun like cotton.

Canada produces the greater proportion of the world's supply of asbestos, the output for 1901 being 34,545 metric tons. The next country in order of production is Russia, with an output of 3,845 tons. In Canada asbestos is mostly obtained by quarrying, and the better varieties are picked out

by hand. The first class has fibres of over $1\frac{1}{4}$ in. in length, while in the second class the length varies from $\frac{1}{4}$ to $1\frac{1}{4}$ in. The poorer qualities, known as "fibre" and "paper stock," are produced by mechanical dressing. The Danville Company pulverizes the waste asbestos, and, after the addition of a quantity of serpentine, the product is known as "asbestic"—a material which is now largely used for fire-proof buildings.

The production and value of the differ-

ent qualities of asbestos mined in Canada during 1901 was as follows:—

First crude, 2,083 tons, valued at \$180 to \$200 per ton.

Second crude, 2,660 tons, valued at \$100 to \$128 per ton.

Fibre, 14,659 tons, valued at \$30 to \$60 per ton.

Paper stock, 14,054 tons, valued at \$20 to \$28 per ton.

Asbestic, 6,831 tons, valued at \$2 to \$4 per ton.

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