

BRIDGE CONSTRUCTION.

The increasing use of concrete for a variety of purposes where stone, brick, or steel constructions were previously in favor, has resulted in its application to bridge construction, and a patent has been applied for by Messrs. E. von der Osten & Company, of 507 Manning Chambers, Toronto, in which a combination of steel wire rope and concrete is used. By this method, the advantage of the suspension principle is retained, and whilst the first cost is very much reduced, compared with that of re-enforced concrete, the facility with which it adapts itself to changes in temperature is its most valuable feature.

The von der Osten system of bridge construction is claimed to be the most scientific method of combining a concrete and metallic structure and can be applied to the construction of both ceilings and floors for fire-proof buildings. The patentees will be glad to give further information on application and are prepared to issue licenses to use their system to anyone engaged in concrete construction work.

Mr. von der Osten was engaged for many years in Germany, Russia and East Africa as a civil engineer in similar work, and his experience in such matters is very wide.

NEW COMPANIES.

The Vancouver Island Railway Co., seeking incorporation, to build a railway from Chatham Sound to Alberni, thence to Quatsno Sound, in British Columbia. D. G. MacDonnell, applicant.

The Water Supply Company, Limited, Cranbrook, B.C., to provide a water supply for that town.

Walkerton & Lucknow Railway Co., seeking incorporation, to construct a railway connecting Walkerton, Lucknow, and Hanover. Promoters, Alexander Shaw, K.C., L. C. Benton, J. H. Scott, Walkerton; Daniel Knechtel, R. J. Ball, Hanover, and others.

Martin Electric Supply & Construction Co., St. Catharines, Ont., incorporated, capital \$40,000. Directors, F. W. Martin, G. H. Martin, J. S. Campbell, C. W. Martin, J. G. Martin.

A. J. Burton Saw Company, Limited, Vancouver, B.C., incorporated, capital \$75,000, to manufacture and deal in saws, etc.

West Lorne Waggon Co, Limited, West Lorne, Ont., incorporated, capital \$50,000, to manufacture and deal in waggons, carriages, etc. Directors, Archibald McKillop, Daniel McKillop, Dugald MacPherson, West Lorne.

Wellesley Milling Company, Limited, Wellesley, Ont., incorporated, capital \$40,000. Directors, J. G. Riener, Frederick Debus, D. E. Ratz, Wellesley, and others.

Western Electric Manufacturing Co., Limited, Berlin, Ont., incorporated, capital \$50,000, to manufacture meters, engines, electrical machinery, etc. Directors, W. H. Cone, J. H. Messner, and others.

Robb Lumber Co., Limited, Guelph, Ont., capital, \$40,000. Directors, G. G. Kloepfer, Jacob Kloepfer, Thomas Griffin, and others.

Essex Flax Mills Co., Limited, Essex, Ont., incorporated, capital \$50,000, to manufacture flax and fibrous plants, etc. Directors, A. H. Raymond, S. K. Cohen, Essex, and others.

McIntosh Brick Machine Co., Limited, Warton, Ont., incorporated, capital

\$40,000, to manufacture and deal in brick, building blocks, tile and building material. Directors, R. V. LeSueur, Donald Campbell, Sarnia; W. S. Miners, Point Edward; W. K. Snider, J. A. Campbell, Warton.

Manufacturers' Lumber Co., Limited, Stratford, Ont., incorporated, capital \$40,000, to manufacture and deal in lumber. Directors, A. J. MacPherson, J. A. Fadgen, J. L. Eastner, R. Burritt, Stratford.

Collingwood Light, Heat & Power Co.,

Limited, Collingwood, Ont., capital, \$200,000, to supply corporations with gas, water, and electric light. Directors, W. G. Parsons, William Postelwaite, A. D. Crooks, Toronto.

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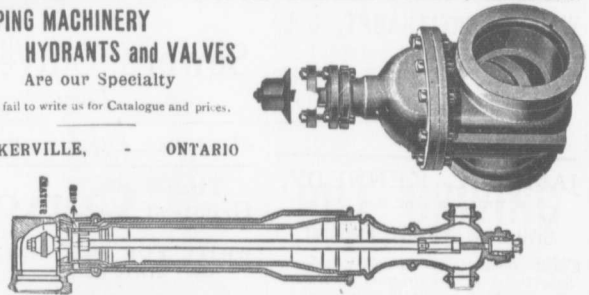
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