

LATCH & BATCHELOR

LTD.,

Wire Drawers, Manufacturers
of all classes of Wire Ropes,

Patentees and Manufacturers of

**LOCKED COIL and
FLATTENED STRAND
WIRE ROPES,**

Hay Mills,

Mr. BIRMINGHAM.

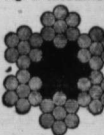
Agent:—

H. M. WYLDE,

P. O. Box, 529,

HALIFAX, N. S.

Fig. 2. HAULING.



LANG'S LAY ROPES.



Fig. 26. WINDING.



Fig. 1. HAULING.



PATENT FLATTENED STRAND ROPES.

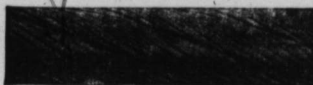
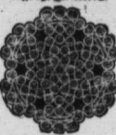


Fig. 4. WINDING.



Fig. 13. SINKING.



Advantages of Patent Flattened Strand Ropes.

1. Greater wearing surface, therefore longer life of rope and less wear upon pulleys.
2. Greater strength, thereby admitting of smaller ropes being used for existing loads, or of increased loads without increase in size of rope.
3. Spliced easily and more effectively.
4. Less tendency to twist and stretch in working.

Fig. 13 for Sinking & Fig. 11b for Cranes, &c., are non-twisting.

Fig. 11b. CRANE, &c.

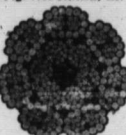


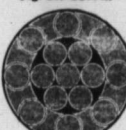
Fig. 15a. WINDING.



LOCKED COIL ROPES.

Indispensable for deep shafts.
Stronger than any other rope of same size.
Entirely free from twist.
Smooth surface reduces wear to a min. am.
Duration far ahead of any other construction.

Fig. 20. GUIDE.



CANADA. DEPARTMENT OF MINES.

Hon. P. E. Blondin, Minister.

Mines Branch.

Recent Publications:

Building and ornamental stones of Canada, (Quebec), Vol. III, Report on, by W. A. Parks, Ph. D.

The Bituminous Sands of Northern Alberta, Report on, by S. C. Ellis, M. E.

Peat, lignite, and coal; their value as fuels for the production of gas and power in the by-product recovery producer, Report on, by B. F. Haanel, B. Sc.

The petroleum and natural gas resources of Canada: Vols. I & II, by F. G. Cripp, M. A. and others.

Electro-plating with cobalt, Report on, by H. T. Kalmus, Ph. D.

The Mines Branch maintains the following laboratories in which investigations are made with a view to assisting in the developing of the general mining industries of Canada:—Fuel Testing Laboratory, Ore-Dressing Laboratory, Chemical Laboratory, Ceramic Laboratory, Structural Materials Laboratory.

Application for reports and particulars relative to having investigations made in the several laboratories should be addressed to The Director, Mines Branch, Department of Mines, Ottawa.

R. G. McConnell, Deputy Minister.

Geological Survey.

Recent Publications:

Summary Report of the Geological Survey for the Calendar Year 1915.

MEMOIR 20. Gold fields of Nova Scotia, by Wyatt Malcolm.

MEMOIR 44. Clay and shale deposits of New Brunswick, by J. Keele.

MEMOIR 59. Coalfields and coal resources of Canada, by D. B. Dowling.

MEMOIR 60. Arisaig-Antigonish district of Nova Scotia, by M. Y. Williams.

MEMOIR 78. Wabana iron ore of Newfoundland, by A. O. Hayes.

MAP 150A. Ponhook Lake Sheet, Nova Scotia.

Applications for reports should be addressed to the Director, Geological Survey, Ottawa.