

# 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,

Nr. BIRMINGHAM.

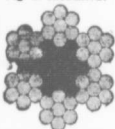
Agents:-

H. M. WYLDE,

P. O. Box, 529,

HALIFAX, N. S.

Fig. 8. HAULING.



## LANG'S LAY ROPES.



Fig. 26. WINDING.

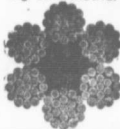
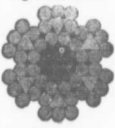


Fig. 1. HAULING.



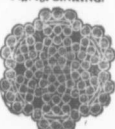
## PATENT FLATTENED STRAND ROPES.



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.

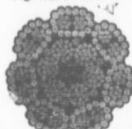
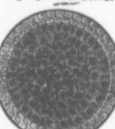


Fig. 19a. WINDING.



## 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 minimum.

Duration far ahead of any other construction.

Fig. 20. GUIDE.



## DEPARTMENT OF MINES. GEOLOGICAL SURVEY.

The Geological Survey publishes annually a Summary Report giving a summary statement of the work accomplished during the year. Maps and reports on various sections of the country and on special subjects appear from time to time. A catalogue of publications will be sent free to any applicant.

A single copy of a map or report will be sent to a Canadian applicant free and to others at a nominal price. Owing to the limited supply it is impossible to send series; the applicant should therefore state definitely the precise area concerning which information is desired.

### RECENT PUBLICATIONS:

1085. Descriptive sketch of the Geology and Economic Minerals of Canada, by G. A. Young and R. W. Brock. Accompanied by a geological and a mineral map of Canada.
- Summary Report of the Geological Survey for the year 1912.
- Guide Book No. 1, Parts 1 and 2. Excursions in Eastern Quebec and the Maritime Provinces.
- Memoir 16. The Clay and Shale deposits of Nova Scotia and portions of New Brunswick, by Heinrich Ries and Jos. Keele.
- Memoir 20. Gold fields of Nova Scotia, compiled by W. Malcolm from the results of investigations by E. R. Faribault.
- Memoir 44. Clay and Shale deposits of New Brunswick, by J. Keele.
- Map 39A. Geological map of Nova Scotia.
- Map 53 A. Southeast Nova Scotia. Geology.

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