

CANADIAN Journal of Fabrics

THE JOURNAL OF THE Textile Trades of Canada.

Vol. XX.

TORONTO AND MONTREAL, MARCH, 1903.

No. 3

Canadian Journal of Fabrics

A Monthly Journal devoted to Textile manufactures and the Dry Goods and kindred trades.

Subscription: Canada and United States, \$1.00 per year. Great Britain, 5/ Advertising rates on application.

Offices: 18 Court St., cor. Church, Toronto, and the Fraser Building, Montreal

BIGGAR-SAMUEL, LIMITED, Publishers

TRAVELLING REPRESENTATIVE A. W. SMITH.

Toronto Telephone, Main 4310 | Montreal Telephone, Main 2589

Business correspondence should be addressed to Montreal; but cuts, news items and editorial correspondence to Toronto; cuts from abroad should be sent by post wherever possible, not by express. Changes of advertisements should be in our hands not later than the 10th of each month to ensure insertion.

THE CANADIAN TEXTILE DIRECTORY

A Handbook of all the Cotton, Woolen and other Textile manufactures of Canada, with lists of manufacturers' agents and the wholesale and retail dry goods and kindred trades of the Dominion, to which is appended a vast amount of valuable statistics relating to these trades. Fourth edition. Price, \$3.00.

BIGGAR-SAMUEL, LIMITED, Publishers.

CONTENTS OF THIS NUMBER.

PAGE	PAGE		
Among the Mills	83	Mohair	76
Patik - What it Means	78	Oldham Cotton Spinning Trade	81
Belt Slippers	81	Patent Law Amendment Required	67
Business Notes	84	Protection, Will We Have More?	67
Carding Engines. Some points re	73	Personal	72
garding the Clothing	73	Shuttles, The Care of	77
Cotton Self-Ignition of	88	Smallware Weaving	77
Dyeing Methods, Old Time	71	Traditions of the American Fathers	66
Economy in Production	65	Textile Training	88
Electric Wool Pulling	78	Textile Designs	87
Foot and Mouth Disease in Massa-	64	Warp and Weft and their Relation	73
chusetts	64	to Cloth	73
Fur Market, The World's	75	Woolen and Cotton Conditions in	66
Foreign Textile Centres	70	England	66
Fabrica, New Method of Ornamenting	81	Wool, Degreasing, A Valuable	69
Fabric Items	85	Waste Saved by doing it	69
Knit Goods, How to Bleach	72	Wool-Scouring Machine, A, in	74
Lessons for Mill Hands	75	Australia	74
Looms, A New Loose-Reed Motion	75	Weaving without a Shuttle carrying	80
for	75	a Bobbin or Cop of Weft	80
Literary Notes	87	Wool Market	87

ECONOMY IN PRODUCTION

The Canadian Cordage Co. at Peterboro, which recently presented its shareholders with a very satisfactory first annual report, accompanied by a dividend, has demonstrated the great advantage which electric power possesses as a motive power for such works. Steam power usually costs about \$35 per horse power per annum, but this company has made

a contract for 440 electrical horse power, at the rate of \$10, thus saving \$25 per horse power, or in round numbers \$11,000 per annum. This is a large saving in one item. The company also estimates that the system which they have adopted for fire protection will save them about \$3,500 per year in insurance premiums on buildings, machinery and stock over that of the best equipped cordage factory in Canada of like capacity. The factory is built on the most modern lines of slow burning construction. There are fire-proof walls between each department connected by automatic fire-proof doors. The electric motors are installed outside the main walls and are surrounded by fire-proof material. The boiler for heating purposes is entirely isolated in a separate building. An automatic sprinkler system has also been installed. These arrangements give them a rate of premium of 50 cents on each hundred dollars from the regular insurance companies of Canada. The ordinary rate on cordage factories is \$4 for each \$100, and on cordage warehouses \$1.80 per annum for each \$100 of insurance. The company carries an insurance of \$35,000, which is more than they could afford if they had not the appliances referred to, so that the money expended on them is a good investment. Economy in production is half the battle in industrial pursuits, and the Canadian Cordage Co. shows its wisdom in securing cheap power and safe guards against fire.

FOOT AND MOUTH DISEASE IN MASSACHUSETTS

The wool market of Boston, the largest wool centre on the American continent, has been put in an awkward predicament by an order from the Bureau of Animal Industry prohibiting the shipment of wool from the State of Massachusetts. The order was issued as a precautionary measure against the spread of the foot and mouth disease in sheep and cattle which prevails in the New England States. The measure paralyzed the wool trade of Boston, and