

TEXTILE PATENTS.

The following patents, relating to textiles, have been issued in Canada since the publication of our last list:

No. 82,182. A. A. Vogelsang, Dresden, Germany, a process for the electrolytic bleaching of cotton and other textile materials in bulk without moving or handling during treating, by electrolyzing a solution of common salt and treating the material with the same, then circulating it downward through the material, and after rinsing finally treating it with dilute sulphuric acid to abstract any remaining traces of the salt solution.

No. 81,908. A. M. Zeigler, Boston, Mass., U.S.A., an elastic fabric composed of elastic warp, a binder warp, and filling, the filling at predetermined points in the weaving extending but partially through the fabric to thereby provide a crook in the fabric when the elastic warp is released from tension.

No. 81,946. A. C. Hough, Worcester, Mass., U.S.A., a loom in which is a twister head for feeding the warp threads into the loom, and means in combination with the same for putting a tension upon the warp threads whereby an even feed of the latter will be assured.

No. 81,947. A. C. Hough, Janesville, Wis., U.S.A., warp supplying means in a loom and means for supplying filling strips or splints, comprising a shuttle adapted to alternately carry strips from opposite ends of the loom and means whereby the splints are automatically and positively disengaged from the shuttle at suitable points.

No. 82,143. R. G. Campbell and C. Cone, Greensboro, North Carolina, loom mechanism, comprising a picker lug strap having heads at each end separable vertically and longitudinally and a universal joint in the strap in combination with a picker stick lever to which one of the heads is clamped and a picker stick to which the opposite head is loosely attached and a flexible connection between the latter and the picker stick.

No. 82,190. Frederic ter Weele, Saont, Die, Voges, France. A spinning and combing apparatus.

No. 82,641. F. Belanger, Langdon, North Dakota, U.S.A., darning machine.

No. 82,642. R. S. & H. Cookson, of Philadelphia, Pa., U.S.A., a woven jute fabric, having the usual back of jute and binder warp threads, and the weft and the shuttle threads, and provided with pile or loop warp threads arranged in sets of six single ends, which are brought to the face of the fabric when required, independently of the other ends, and all arranged so that in one set or weave two or three ends are looped as required and the remaining ends buried in the fabric.

No. 82,638. H. Sanche, New York City, U.S.A., an electrical conducting fabric constructed of an intermixture of non-metallic filaments and electrical conducting strands worked in together.

No. 82,520. E. A. Homer, Allentown, Pa., U.S.A., manufacture of figured knit fabric.

No. 82,518. B. C. Mudge, Snow Falls, Maine, U.S.A., the method of freeing flax fibre from shives and preparing flax from flax tow. Forty claims.

No. 82,530. G. A. Fredenburg, Pawtucket, Rhode Island. Thread twisting machine.

No. 82,639. R. J. Chowen and W. Hartley, Peterborough, Ont., Canada, warping reel. See page 12.

No. 82,532. J. Good, Far Rockaway, N.Y., and J. D. Fairchild, Brooklyn, N.Y., a ball or cop winding machine.

Foreign Textile Centres

Manchester.—Yarns.—The week has been one of nominal trading. Spinners of twist and weft from American cotton have had to advance their rates $\frac{1}{4}$ d. and again $\frac{1}{4}$ d. per lb. This shut off all business that could be deferred, and transactions put through revealed cuts into spinners' margins, in some counts the border line was crossed, and orders were booked that showed a loss. Users of both mule and ring yarns are waiting, and will not place new contracts. Bolton yarns continue dull, but are worse to buy, being dearer in sympathy with the rise in the Egyptian staple, which has followed American upward. Shipping yarns are neglected all round. Cloth.—The week opened with Mexicans and shirtings 3d., and printing cloth 3d. to 6d. per piece dearer. The trend of raw material and finished fabric have since been upward. Offers from buyers, acceptable a week earlier, are quite impracticable, being on some classes 10 to 20 per cent. "out." Makers of fine fabrics are firm by reason of contracts not worked off, there being few new bookings. Heavy goods, depressed, but price of cotton keeps market firm. With raw material at $7\frac{1}{4}$ d. business all round is blocked.

Bolton.—Young & Co.'s mill, Little Lever, with 300 looms, is to be closed, owing to depression. This makes the second in a short period.

Huddersfield.—Little or no business doing. Prospects for next season's trade not bright. Stocks of cloth low, and utmost caution exercised regarding prospective trade on new patterns.

Bradford.—A slightly improved feeling. With the somewhat freer movement of dress goods, there is a little more hope for merinos. Indications point to a revival of trade.

Blackburn.—The Blackburn Weavers' Association, in its half-yearly report, states that during the last six months trade has been going through the roughest times experienced for many years. The loss of wages in their district was nearly £80,000.

Leeds.—Trade quiet, and little fresh business expected before the new year. In most departments the season has been disappointing, with business much below the average, especially in worsted, but some worsted houses have booked encouraging export orders, chiefly Indian. This will necessitate working full time. In the ready-made trade little doing for the great industrial centres, but fair number of orders received from agricultural districts.

Rochdale.—The flannel trade is almost at a standstill, but prices firm. It is expected that the mills will continue to work short time on account of the absence of the usual demand and the determination of manufacturers not to increase their stocks, which are not large.

Belfast.—Not much change in demand. Moderate transactions in flax at full rates. White goods dull in home markets. On exports a full average trade, with prospects of improvement with the colonies and the United States.

Dundee.—Rise in jute, which is quoted at £13, the best kinds scarce and dear. No change in yarns. Looms have been busy on Plate hessians, orders for which, if not large, are numerous. Flax excites keen interest, as war would increase cost of Russian. Should this occur, added to the present scarcity, nobody can predict the possible rise on Russian flax fibre, and trade is already stunned at existing prices.

Kidderminster.—A slight spurt in a somewhat sluggish