Recent Textile Patents.

BLEACHING. APPARATUS FOR. 741,188. Friedrich C. Theis, Obheg, Germany.
CARD CUTTING MACHINE. Jacquard. 740-654. Vernon Royle, Paterson, N. J.
COMBING MACHINE. CIRCULAR. 741,088. John H. Whitehead, Appley Bridge, and Al-
LOOM PICKER Stick Connection. 729,797. Eugene Rivet, Woonsocket, R. I., assignor to Isaac E. Merriman, Providence, R. I.

This invention relates to devices for connecting lug-straits to the picker-staffs of looms. In this instance the connecting device is made up of a body formed of one piece of metal and comprising end loops b, having screw-tapped apertures c in their outer cross-bars d, longitudinal bars e, connecting the side bars of the end loops, and a longitudinal bar f, connecting the outer cross-bars d of said end loops and round or convex at its outer side, a metallic shoe g, adapted to be interposed between the cross-bars d and longitudinal bar f of the body and the outer edge of the picker-staff, and screws h bearing in the apertures c of the body and adapted to press at their inner ends against the shoe g.

COTTON PRESS. OSCILLATING. 741,085. Samuel J. Webb, Minden, La.
FABRICS. MACHINE FOR SHAKING Out and Opening Textile. 741,750. David Welch, Saxonville, Mass.
LOOM. SWIVEL. 740,717. Joseph Wadsworth, Paterson, N. J.
SELF-CENTERING SPINDLE. 740,354. Samuel F. Carpenter, Pawtucket, R. I.
HEDDLE BARS or SUPPORTS. Clamping Device for. 742,180. Humphreys W. Jordan, Pelzer, S. C., assignor to Draper Co., Hope-
dale, Mass.
LOOM DOBBY. 741,225. John A. Clark, Wor-
LOOM LET-OFF MECHANISM. 741,661. William Haynes, Atlanta, Ga., assignor to Draper Co., Hopedale, Mass.
LOOM LET-OFF MOTION. 741,602. Heinrich Widmer, Union Hill, N. J.
LOOM. POWER. 12,159. (Reissue). Samuel F. Patterson, Baltimore, Md.
LOOM HEDDLE FRAME. 729,447. Rudolph G. Wirtalla, New York, N. Y.

This invention relates to improvements in loom heddle-frames of that class wherein a series of heddles are strung on heddle-bars, the latter being stayed in place by hooks attached to the end portions of the frame. Heretofore considerable difficulty has been experienced by operators in adjusting the heddles within the frame and in applying or removing the heddles. This is due, primarily, to the attachment of the stay-hooks to the frame in a substantially permanent way, and this makes it necessary for the operator to forcibly lift the heddle-bars over the hooks, which practice is objectionable for two reasons: First, the heddles are strained or stretched lengthwise to such an extent that they are frequently broken or made useless, and, secondly, the application of force by the hands hurts them to such an extent that operators object to changing the heddles.
view of the same; Fig. 3, a detached perspective view of one of the pinstles.

**SPINNING APPARATUS. RING. 741,777.**

**SPINNING APPARATUS. YARN. 741,101.**
John Booth, Central Falls, R. I.

**SPINNING FRAME GUIDE EYE. 740,611.**

**SPINNING MACHINE. 739,983.** Malcolm Campbell, Boston, Mass.


**TWISTING MACHINE STOP MOTION. 740,698.** George J. Fiske, Providence, R. I., assignor to Howard and Bullough Machine Co., Ltd., Pawtucket, R. I.

**WARP STOP MOTION. 740,792.** Arthur P. S. Macquisten, Glasgow, Scotland.


The object of this invention is to provide a durable and effective substitute for the usual dabbing-

Henry R. Mitchell, New York, N. Y.

This invention relates to supports for thread-guides connected detachably or fixedly with said support and adjustable to carry the eye to and from different positions. It consists in forming the supports of wire bent to form sockets for the reception of pinstles and with the ends extended to form stops when required, as illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the improved support, showing the same applied to the frame and supporting a detachable guide. Fig. 2 is a perspective brushes whereby the web of wool is pressed down into the spaces between the pins of the large and small “circles” of a wool-combing machine.