

UNITED STATES PATENT OFFICE.

CHARLES ALEXANDER PRECHTEL, OF STREATOR, ILLINOIS.

LACE-REEL.

SPECIFICATION forming part of Letters Patent No. 534,283, dated February 19, 1895.

Application filed June 12, 1894. Serial No. 514,297. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ALEXANDER PRECHTEL, a citizen of the United States, residing at Streator, county of La Salle, and State of Illinois, have invented certain new and useful Improvements in Lace-Reels and the Like, of which the following is a specification.

The object of my invention is to provide a device in which reels of lace and similar goods may be held for convenience in exhibiting the goods as well as for removing the goods from the reel.

The invention consists in a frame, that is adapted to hold reels carrying lace and similar goods, said frame being pivotally carried and having means for adjusting it in different positions so that it may be turned to exhibit the goods to the best advantage, and permit the goods to be readily unwound.

The invention also consists in the novel details of improvement and the combinations of parts that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawing which is a perspective view of my improvement.

Similar letters of reference refer to corresponding parts in the drawing.

The letters F, F. indicate two parallel bars which are connected by rods *b*, which form together a rectangular frame.

A are the reels upon which the silk or other goods are wound, and the frames or reels A have apertures to receive the rods *b*, whereby said frames are mounted on said rods as shown.

The bars F, F. are pivotally connected with upright or hanging rods H, which may be suspended from a ceiling or otherwise supported. The supports or hangers H, are shown forked at their ends *h*, and pivots *i* pass through said forks and the bars F.

The bars F are shown provided with rack teeth *f*, which are adapted to be engaged by brace rods D, pivotally carried by the standards or hangers H. The brace rods D are extensible and are shown in two pieces each, one piece being tubular and receiving a rod or tube *d*², said parts being held together by a set screw *d*³. The ends G of the brace rods D can be adjusted in the teeth *f* of rack

F, so that the latter can be tilted or turned at any desired angle, the extensibility of the braces D also permitting this tilting of the bars F.

The brace bars D are shown pivotally connected with sleeves or collars E, adjustable on the supports or hangers H and held in position by set screws D³.

The supports or hangers H, may be braced by tie rods or wires *a*, having turn buckles *a'*, said tie rods being connected with the ceiling I and the lower ends of the hangers H as shown.

The tie rods *a* are shown provided with pulleys or sheaves B, over which pass wires or cords *c*, that are connected with the ends of the bars F, respectively. One end of the wire or cord *c* will be permanently attached to its end of the bar F, and the other end will be drawn through a loop on said bar and tied at such a point as will keep said wire *c* taut around the sheaf. By this means the ends of the bars F are braced or supported, and the wires or cords *c* can be readily adjusted to correspond to the positions assumed by the bars F, F.

With the above device the reels A, that are hung on the bars *b*, *b*, can be supported or adjusted in the desired positions for exhibition by turning the frame to the desired angle, the braces D, D, when adjusted in the racks *f*, *f*, holding it in position. A special advantage of my device is that the silk or other goods on the reels can be readily removed as they will rotate on the rods *b* *b*, as the goods are drawn off.

The device is simple in construction, can be placed in the desired position and suspended from above so as not to be in the way.

I claim—

1. In an exhibiting device, a rigid and adjustable frame comprising supports or hangers, a reel frame pivoted thereon, tie wires *a* for preventing endwise movement of the supports and frame, pivoted and extensible struts D between said supports and frame, and tie wires *c* constraining said frame against the strut pressure, substantially as described.

2. In an exhibiting device, a rigid and adjustable frame comprising supports or hangers, a reel frame pivoted thereon, tie wires *a* connected to the pivotal points of the frame

for preventing endwise movements thereof,
struts D, pivoted and extensible for permit-
ting angular adjustment of the reel frame,
and tie wires c constraining said frame against
5 the strut pressure and also against endwise
oscillation thereof, substantially as described.
Signed at the city of Streator, county of La

Salle, and State of Illinois, this 7th day of
June, 1894.

CHARLES ALEXANDER PRECHTEL.

Witnesses:

ANNETTE STANLEY,
JOSEPH STANLEY.