B. BOWER & H. SPERO.

CURTAIN FIXTURE.

APPLICATION FILED OCT. 27, 1910.

1,025,116. Patented May 7, 1912.

Fig. 1

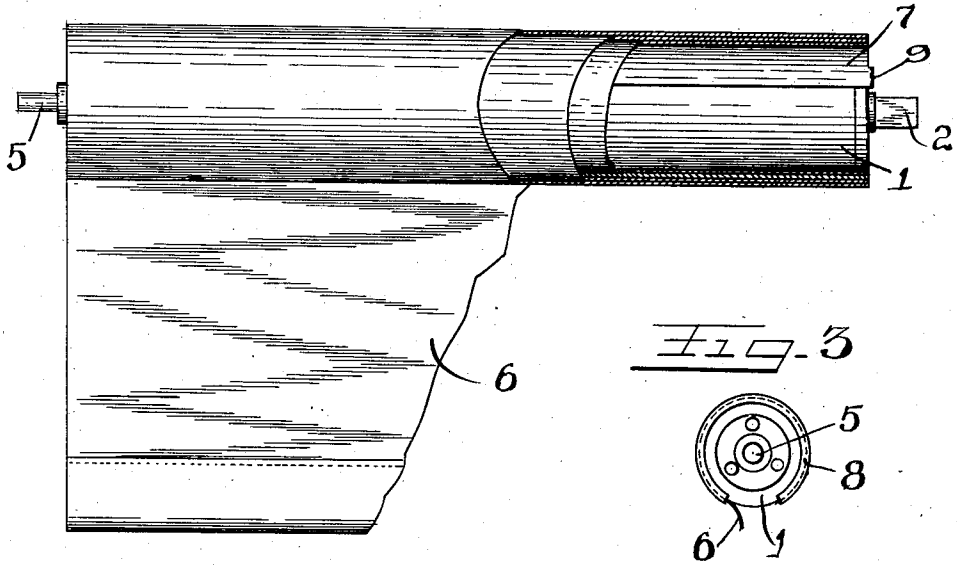


Fig. 3

Fig. 5

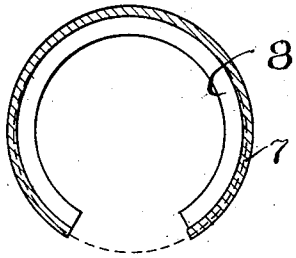


Fig. 4

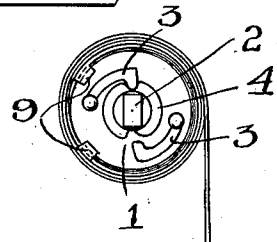
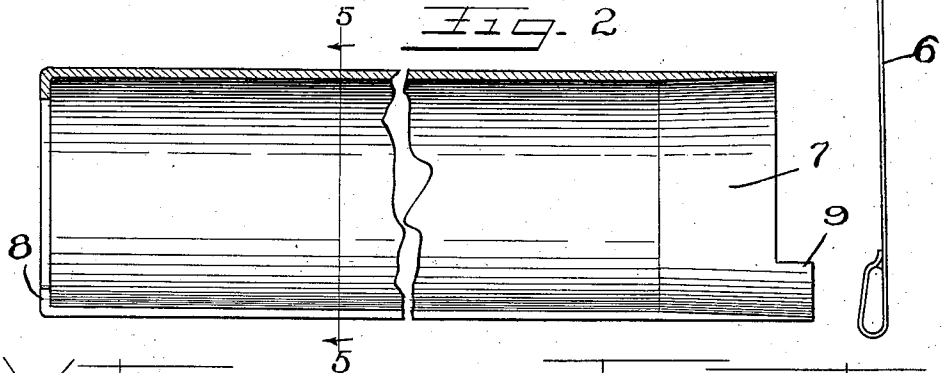


Fig. 2



Witnesses

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UNITED STATES PATENT OFFICE.

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CURTAIN-FIXTURE.

1,025,116. Specification of Letters Patent. Patented May 7, 1912.

Application filed October 27, 1910. Serial No. 589,462.

To all whom it may concern:

Be it known that we, BÉLA BOWER and HARRY SPERO, a subject of the King of Hungary and a citizen of the United States, respectively, residents of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curtain-Fixtures; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numbers of reference marked thereon, which form a part of this specification.

This invention relates more particularly to means for attaching curtains to the roller (spring or otherwise) on which the curtain is to roll.

Heretofore various devices have been used for attaching curtains to their rollers. These have frequently proven insufficient for the purpose, and the stress applied in operating the curtain frequently pulls the same from the roller as the curtain has become unwound therefrom. Attaching clips of numerous kinds have been employed for this purpose and these have sometimes proven very destructive to the curtain, inasmuch as the rolling over such attaching means frequently tends to break or tear the curtain longitudinally alongside the clip.

The object of this invention is to afford an attaching fixture for curtains adapted for use in attaching curtains of any kind to their rollers to afford attachment for the entire width of the curtain and the length of the roller.

It is also an object of the invention to afford a spring clip for the entire length of the roller, adapted to frictionally engage the curtain to the roller and so constructed and applied as to firmly secure the curtain in place.

The invention also has for its object an attaching fixture for curtains adapted to convert the ordinary wooden curtain roller into what is practically a metal roller, thereby economizing in expense and increasing utility.

The invention consists in the matters hereinafter described and more fully pointed out and defined in the appended claims.

In the drawings: Figure 1 is a fragmentary front elevation, partly broken away and partly in section, of a curtain and the attaching fixtures therefor embodied in our invention. Fig. 2 is a central longitudinal section broken away, of the attaching device. Fig. 3 is an end elevation of the fixture, roller and curtain. Fig. 4 is a view in elevation taken at the opposite end from that shown in Fig. 3. Fig. 5 is a section taken on line 5—5 of Fig. 2.

As shown in the drawings: 1, indicates the ordinary wooden curtain roller, in this instance shown as a spring roller having an angular stationary gudgeon 2, at one end thereof and to which the spring for revolving the roller is secured and to the roller, as is usual. Pawls 3, are secured on the roller to engage the stationary ratchet 4, or other suitable device for holding the roller in its adjusted position. 5, indicates the cylindric rotating gudgeon at the opposite end of the curtain, and 6, indicates the curtain.

The spring metal attaching fixture 7, is constructed of a sheet or plate of metal bent to afford a tube having a longitudinal slot in one side thereof, as shown in Fig. 5, and provided with an inwardly directed flange 8, at one end and open at the other end and thereat provided with a projecting tongue 9, adapted to be bent over the end of the roller, as shown in Fig. 4. The gudgeon is attached to the roller by laying the free upper end thereon and pressing the attaching sleeve 7, thereover and forcing the same longitudinally onto the roller and curtain, as shown in Fig. 1, until the roller is inclosed therein with the curtain in place wrapped tightly around the roller. For the purpose of facilitating the adjustment of the attaching means in the roller and curtain, the open end of said sleeve or clip is shaped, reamed or outwardly flared to a sufficient extent to afford a clearance from the curtain at the front end of the sleeve as the same is pushed into place, as shown in Fig. 2. When the attaching sleeve is secured into place, the tongues 9, are bent over the end of the wooden roller and clenched down, as shown in Fig. 4, thereby binding the roller at each end in said sleeve. Of course, if desired, a nail or screw may be inserted either through the flange 8, or tongues 9, though this is not necessary as the sleeve frictionally engages the roller with sufficient stress to hold the same from movement on the roller, and also to firmly bind the curtain in place thereon.

The operation is obvious from the foregoing description, and it is evident that when the curtain is pulled down to its limit, any tension or pull by the curtain on the edge of the sleeve which bears against the same, serves to bind the other edge thereof more firmly thereon. In consequence, the curtain can never be pulled from between the roller and the sleeve.

Of course, details of the construction may be varied and we do not purpose limiting our application for patent otherwise than necessitated by the prior art.

We claim as our invention:

1. A device of the class described comprising a resilient sleeve having a relatively wide slot extending for its whole length, and an inwardly turned flange extending therearound at one end and terminating at the edges of said slot.

2. A device of the class described comprising a resilient longitudinally slotted sleeve, an inturned flange at one end, the interior surface of the other end flaring outwardly, integral tongues projecting beyond said flaring end adapted to be bent over, affording means of securing the same.

3. Attaching means for curtains comprising a resilient sleeve, a flange at one end, tongues adapted to be bent over at the other end, a relatively wide slot extending for the whole length thereof, and means at one end adapted to guide the curtain therebeneath during attachment.

4. In a curtain fixture of the class described, a slotted resilient sleeve adapted to be inserted over one or more rolls of the curtain, one end thereof inwardly flanged, the other end thereof provided with an internal outwardly directed taper and tongues extending beyond the latter end adapted to be bent over and adjacent the curtain roll.

In testimony whereof we have hereunto subscribed our names in the presence of two subscribing witnesses.

BÉLA BOWER.
HARRY SPERO.

Witnesses:
LAWRENCE REIBSTEIN,
CHARLES W. HILLS, Jr.