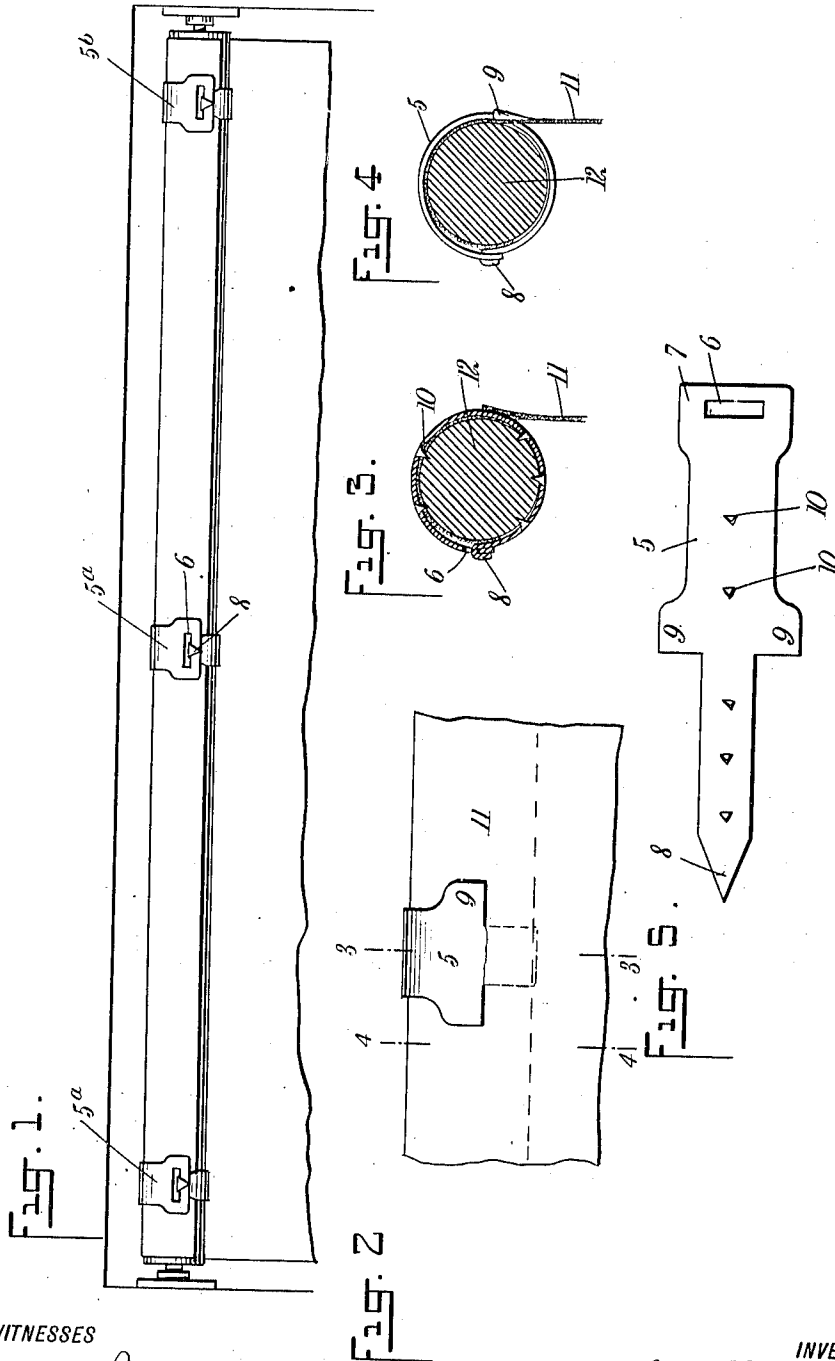


G. W. FOUNTAIN & S. H. HOOK.
 DEVICE FOR FASTENING SHADES TO ROLLERS.
 APPLICATION FILED FEB. 9, 1912.

1,040,922.

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UNITED STATES PATENT OFFICE.

GEORGE W. FOUNTAIN AND SAMUEL H. HOOK, OF CAMERON, MISSOURI.

DEVICE FOR FASTENING SHADES TO ROLLERS.

1,040,922.

Specification of Letters Patent.

Patented Oct. 8, 1912.

Application filed February 9, 1912. Serial No. 676,522.

To all whom it may concern:

Be it known that we, GEORGE W. FOUNTAIN and SAMUEL H. HOOK, citizens of the United States, and residents of Cameron, in the county of Clinton and State of Missouri, have invented a new and Improved Device for Fastening Shades to Rollers, of which the following is a full, clear, and exact description.

Our invention relates to devices for fastening shades to rollers, and it has for its object to provide an elongated flexible fastener with projections on one face for engaging the shade and the roller, there being a slot at one end of the fastener, in which a pointed terminal at the other end of the fastener is normally disposed and turned over, for holding the fastener around the roller and an end of the shade, the fastener being provided with laterally extending shoulders for engaging and holding the end of the shade in place.

Additional objects of the invention will appear in the following complete specification, in which the preferred form of the invention is disclosed.

In the drawings similar characters of reference indicate corresponding parts in all the views, in which—

Figure 1 is a view showing the fastener for holding the ends of the shades to shade rollers; Fig. 2 is a fragmentary view of a shade showing how the laterally extending shoulders on the fastener engage the shade and limit the movement of the fastener through the opening in the shade through which the fastener extends; Fig. 3 is a sectional view on the line 3—3 of Fig. 2; Fig. 4 is a sectional view on the line 4—4 of Fig. 2—and Fig. 5 is a view showing the fastener.

By referring to the drawings it will be seen that the fastener 5 has a slot 6 at the end 7, the end 8 of fastener being pointed. Intermediate the ends 7 and 8, the fastener 5 has laterally extending shoulders 9, and holes are punched in the fastener 5, forming the projections 10 for engaging the shade 11 and the shade roller 12, to prevent the fastener 5 from slipping relatively to the shade and shade roller.

In using the invention the curtain 11 is first placed on the shade roller 12, with the edge of the shade disposed half-way around the roller. The fastener 5 is then taken between the thumb and forefinger, about an

inch and a half from the point of the fastener with the rough sides next to the roller. The point 8 of the fastener is disposed downwardly, and is pushed through the back of the shade, the fastener at its pointed end 8 passing between the under part of the shade roller 12 and the shade. The fastener 5 is then pushed through the shade until the shoulders 9 come in contact with the shade. The pointed end 8 of the fastener 5 is then brought up and is disposed through the slot 6, and the fastener 5 is drawn by the pointed end 8 until it is disposed tight around the end of the shade 11 and the shade roller 12. The pointed end 8 of the fastener 5 is then bent down and pressed close to the body of the fastener 5. We prefer to use three of these fasteners 5 with a shade of ordinary size, the middle fastener 5^a being first secured around the end of the shade and the shade roller, and the end fasteners 5^b being then secured in position.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:

1. In a device for fastening shades to rollers, an elongated flexible member having projections on one face, and a slot at one end, the other end being adapted to be disposed through the slot, and be turned over to hold the elongated flexible member around the shade roller.

2. In a device for fastening shades to rollers, an elongated flexible member with a pointed end, adapted to pierce a shade and having a lateral projection for limiting the passage of the member through the shade, the member having a slot in which the pointed end of the member may be inserted and bent over when the member has been bent around the shade roller.

3. In a device for fastening shades to rollers, an elongated flexible member with an end adapted to be disposed through an opening in a shade and having a lateral projection for limiting the passage of the member through the shade, the member having a slot in which the end of the member may be inserted and bent over when the member has been bent around a shade roller.

4. In a device for fastening shades to rollers, an elongated flexible member with a roughened face adapted to engage a shade and shade roller, the flexible member having a pointed end adapted to pierce a shade and

having a lateral projection for limiting the passage of the member through the shade, the member having a slot in which the pointed end of the member may be inserted and bent over when the member has been bent around the end of a shade and the shade roller, with the roughened face engaging the said shade and shade roller.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

GEORGE W. FOUNTAIN.
SAMUEL H. HOOK.

Witnesses:

LAURENCE L. SPORE,
ALFRED S. BROWN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."