

1,048,936.

Fig. 1.

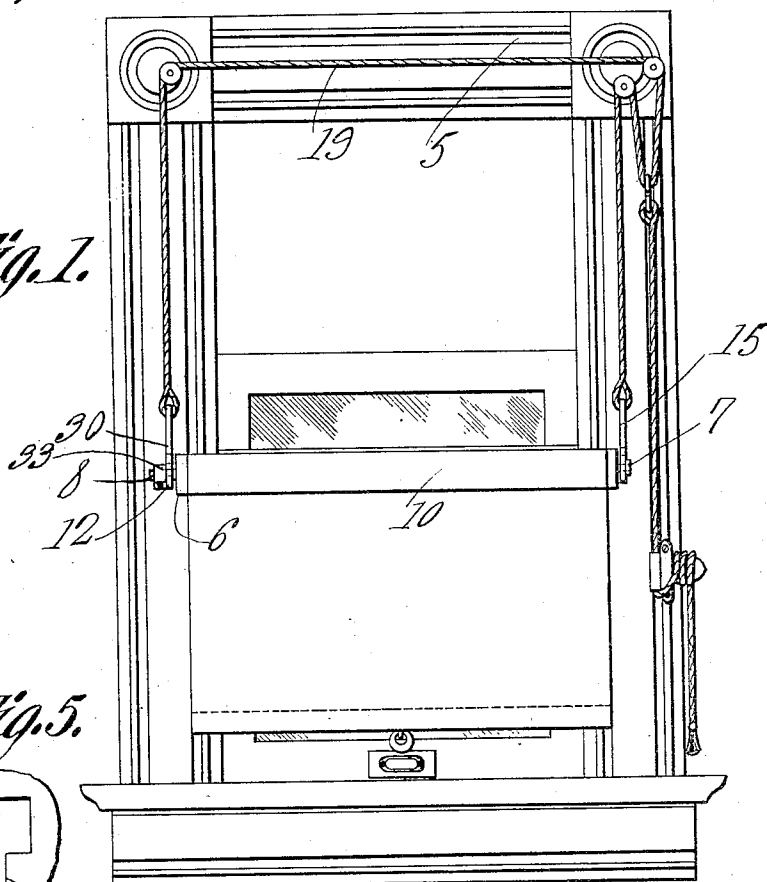


Fig. 5.

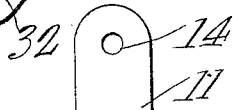
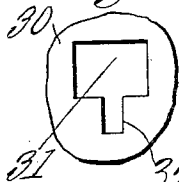


Fig. 2.

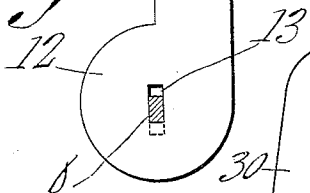
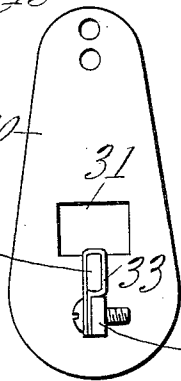


Fig. 4.

Witnesses

Yours truly
J. G. Smith.



John W. Brewer,

Inventor

by

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UNITED STATES PATENT OFFICE.

JOHN W. BREWER, OF ATLANTA, GEORGIA.

SHADE-ROLLER-SUPPORTING DEVICE.

1,048,936.

Specification of Letters Patent.

Patented Dec. 31, 1912.

Application filed March 15, 1911. Serial No. 614,613.

To all whom it may concern:

Be it known that I, JOHN W. BREWER, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Shade-Roller-Supporting Device, of which the following is a specification.

It is the object of the present invention to provide an improved device for connecting a shade roller spindle with a stirrup which may be supported by the window frame for vertical adjustment.

In the accompanying drawing, Figure 1 is a front elevation of the device mounted in a window frame. Fig. 2 is an elevation of one stirrup. Fig. 3 is a detail perspective view of one end of the shade roller. Fig. 4 is an elevation of the other stirrup showing the roller spindle in place. Fig. 5 is a fragmentary elevation of the stirrup shown in Fig. 4.

In the drawings there is shown a window frame 5.

The shade roller is indicated by the numeral 6. For a purpose to be presently explained, the roller 6 is provided at one end with a headed stud 7 which takes the place of the usual round stud found at one end of the ordinary curtain roller. The roller incloses a spindle one end of which projects beyond the corresponding end of the roller and is indicated by the numeral 8, this spindle corresponding in every particular to the ordinary spindle found in shade rollers and its projecting end 8 being flattened as usual.

The curtain which is wound upon the roller 6 is indicated by the numeral 10.

Stirrups 15 and 30 are supported by a flexible element 19 and the stirrup 15 is formed with a key-hole slot 17 in which the stud 7 rotates.

The stirrup 30, is formed with a rectangular opening 31 and a slot 32 which is relatively narrow and extends downwardly

from the lower edge of the opening 31. This slot receives the squared stud 8 at one end of the shade roller to be supported or the round 7 at the other end thereof. In the first instance, a clip 33 is fitted upon the squared stud 8 and clamped thereon by means of a clamping nut and bolt 24, the nut and the portion of the clip through which the bolt is secured, resting against the outer face of the bracket 30 through which the stud 8 projects and thereby preventing disengagement of the bracket from the stud although said disengagement may be readily accomplished, when desired, by lifting the stud out of engagement in the slot and into position in the opening 31 and then rocking the bracket so as to permit of the passage therethrough of the clip upon the stud.

What is claimed is:—

In a supporting device for a shade holder, a stirrup having an opening provided with a slot in its lower end, a roller having a stud held against rotation in the slot; a clip surrounding the free end of the stud; a bolt extended through the free ends of the clip; and a nut upon the bolt, the clip and the stud overhanging the nut to hold the same against rotation; the dimension of the opening parallel to the clip being less than the length of the clip and greater than the length of the bolt, the dimension of the opening at right angles to the clip being greater than the length of the clip, whereby the clip may be removed through the opening, only by rotating the clip into parallelism with the last specified dimension of the opening.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JOHN W. BREWER.

Witnesses:

W. B. SAUNDERS,
H. J. CRANSHAW.