

(No Model.)

E. E. BROCK.
BRACKET FOR SHADES.

No. 550,213.

Patented Nov. 19, 1895.

Fig. 1.

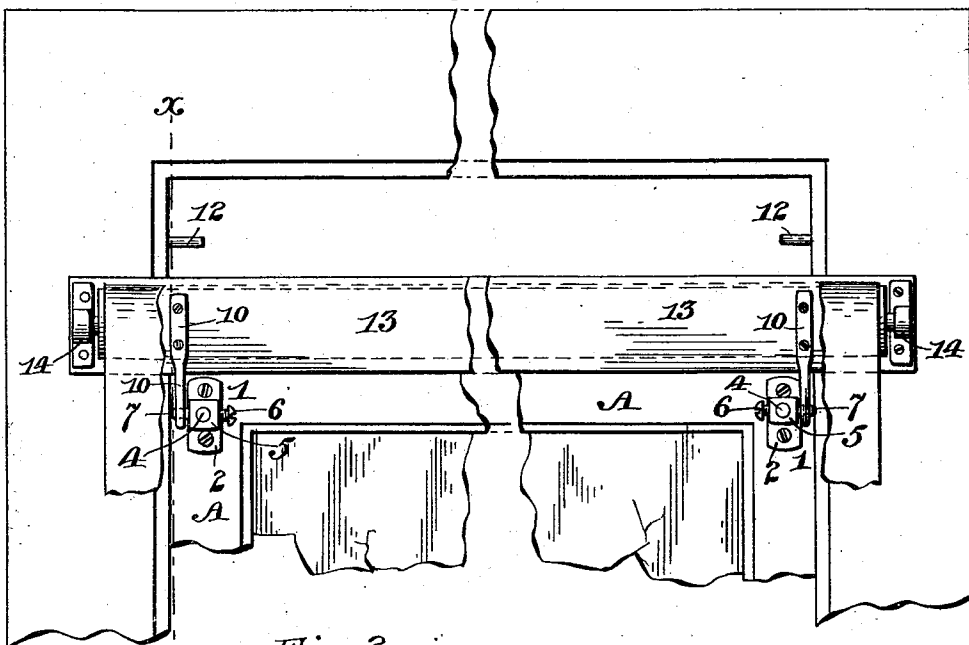


Fig. 2.

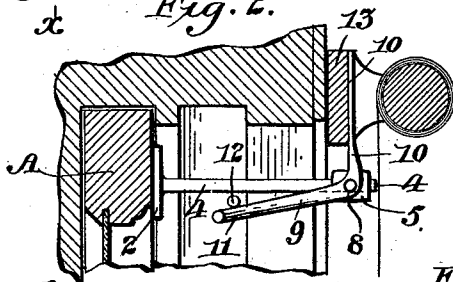


Fig. 4.

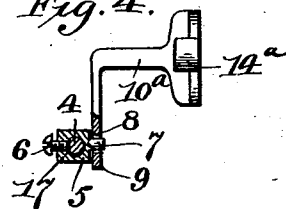
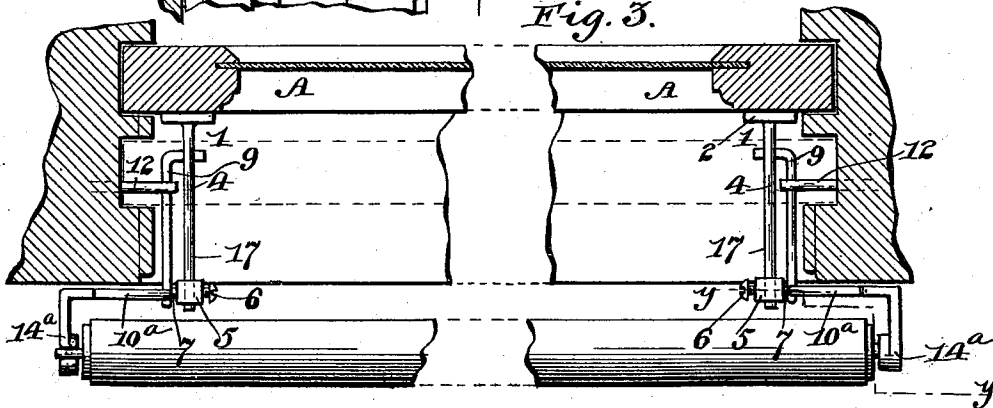


Fig. 3.



WITNESSES

Deverance
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UNITED STATES PATENT OFFICE.

EDWARD E. BROCK, OF BENTONVILLE, ARKANSAS, ASSIGNOR OF ONE-HALF
TO SOLOMON F. STAHL, OF SAME PLACE.

BRACKET FOR SHADES.

SPECIFICATION forming part of Letters Patent No. 550,213, dated November 19, 1895.

Application filed August 31, 1895. Serial No. 561,132. (No model.)

To all whom it may concern:

Be it known that I, EDWARD E. BROCK, a citizen of the United States, residing at Bentonville, in the county of Benton and State of Arkansas, have invented certain new and useful Improvements in Brackets for Shades; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists in means whereby curtains, shades, &c., may be directly secured to and mounted on the sash of a window, so as to move therewith, and whereby they will be firmly held against displacement and normally close to the window-frame; and for these purposes it further consists in the construction, arrangement, and combination of the several parts of which it is composed, as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings, in which corresponding parts are designated by similar marks of reference, Figure 1 is an elevation of a device constructed in accordance with my invention. Fig. 2 is a vertical section on line *x x* thereof. Fig. 3 is a plan view of a modified form. Fig. 4 is a detail section on line *y y* of Fig. 3.

To the window-sash (the upper sash, as shown in the accompanying drawings) A and at each end of the upper corners thereof is secured a casting 1, consisting of a base 2, which is secured to the sash by screws, and a post 4, projecting inwardly therefrom toward the center of the room, substantially at right angles to the sash. As shown in the accompanying drawings, the posts 4 are preferably of circular cross-section and have mounted thereon the collars 5, which are adapted to be secured in any desired position by means of the set-screws 6. Each of the collars, one of which is mounted on each post, has upon one side thereof a projecting stud 7, which is adapted to be received in the aperture 8 in the elbow of the crank-lever 9, one of which levers is upon each side of the window and mounted upon the collar upon each post. One arm 10 of each lever is bent upwardly and is connected with one end of a slat, the opposite arm 11 of each lever being approximately

horizontal and projecting toward the window-sash and adjacent to the sides of the casing, the ends of the arms 11 being bent toward the center and passing between the posts 4, whereby they are limited in their upward movement. A pin 12 is secured to the window-casing near the top of the window-opening therein on each side, each of the said pins being adapted to contact with the arm 11 of the corresponding lever when the sash is at its normal position—*i. e.*, at the top of the window-opening—and to thus force the latter slightly down, causing the lever 9 to turn upon its pivot 8 and the opposite arm 10 of the lever to move toward the face of the casing, carrying with it the hereinbefore-mentioned slat 13. By this means the slat is held firmly in position and close to the window-casing.

It is of course obvious that any suitable form of shade, curtain, &c., could be hung from the slat 13, and in the accompanying drawings I have shown roller-brackets 14 secured to such slat for the purpose of illustration, but in Fig. 3 I also show a modified form of my invention, in which the slat is entirely dispensed with and the curtains or shades are hung directly upon the levers 9. For this purpose the levers have their one ends formed by arms 10^a, which not only project upwardly in front of the window-casing in the manner before described in relation to Figs. 1 and 2, but also bent outwardly and in front of the sides of the window-casing, where they are formed into brackets 14^a to receive the shade. In this case, in order to hold the collars 5 against twisting upon the post 4 under the weight of the curtain, the posts 4 may have a flattened face, as at 17, Fig. 4, in order to give a better seat for the set-screws 6.

It will be noticed that the collars, being adjustable upon the posts, permit the device to be applied to any window, irrespective of the distance between the sash and the face of the casing thereof.

By securing the curtain so as to move with the sash, the window may be obstructed to any extent desired, the ventilation is improved, and the adjustment of the curtain facilitated, and I desire to make it known that the application of my invention may be varied in

form without departing from the spirit thereof, and that

What I claim, and desire to secure by Letters Patent, is—

5 1. In a curtain fixture, the combination with a post adapted to be secured to the window sash, of a simple crank lever pivoted thereto, one end of the lever being adapted to support a shade, and the opposite end of
10 the lever being adapted to strike an obstruction on the frame, whereby the shade is thrown upwardly and inwardly against the frame, substantially as described.

15 2. In a curtain fixture, the combination with a post, of a collar thereon, a lever pivoted to the said collar and adapted to support

a shade, and a pin to actuate the said lever, substantially as described.

3. In a curtain fixture, the combination with a post, of a collar adjustably mounted thereon, and having a lug upon one of its sides, of a crank lever pivoted to the said lug, and having one of its ends adapted to support a shade, and a pin adapted to contact with the opposite arm of the lever, substantially as described. 25

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD E. BROCK.

Witnesses:

LUTHER L. APPLE,
VERNON M. DORSEY.