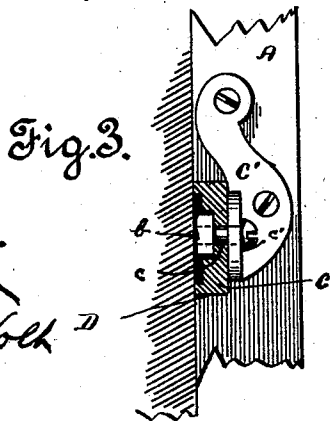
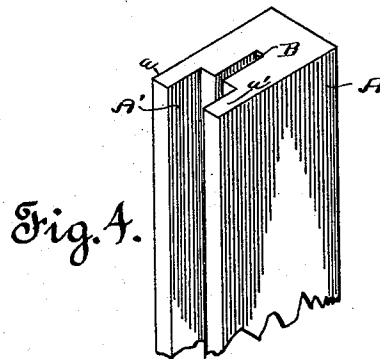
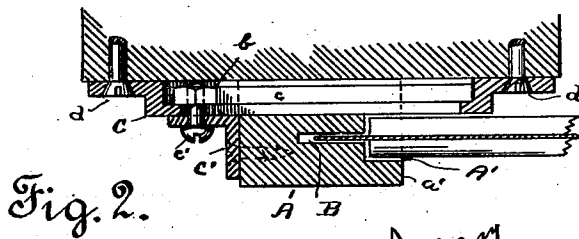
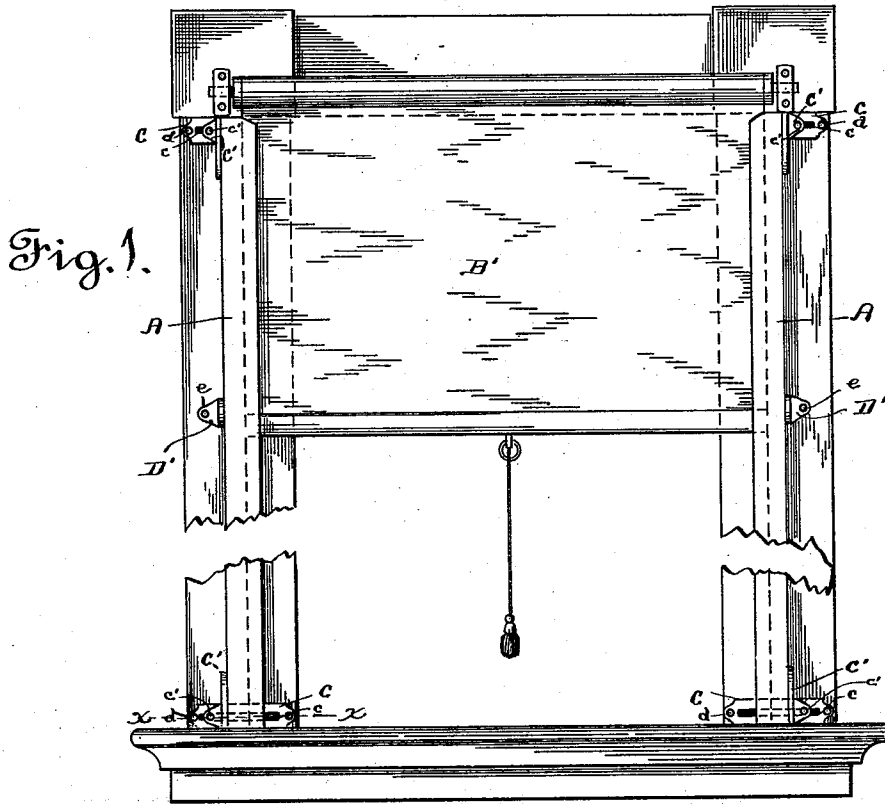


(No Model.)

F. C. SCHROEDER.  
GUIDE STRIP FOR WINDOW SHADES.

No. 507,288.

Patented Oct. 24, 1893.



Witnesses.

Wm. H. Cobb.

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Inventor.

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# UNITED STATES PATENT OFFICE.

FREDERICK C. SCHROEDER, OF ALAMEDA, CALIFORNIA.

## GUIDE-STRIP FOR WINDOW-SHADES.

SPECIFICATION forming part of Letters Patent No. 507,288, dated October 24, 1893.

Application filed September 5, 1892. Serial No. 445,050. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK C. SCHROEDER, a citizen of the United States, residing at Alameda, in the county of Alameda and State of California, have invented certain new and useful Improvements in Guide-Strips for Window-Shades; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

My invention relates to a certain new and useful guide strip for window shades, curtains, &c., which consists in the arrangement and construction as will be hereinafter more fully set forth in the drawings, described and pointed out in the specification.

Referring to the drawings forming a part of this specification, wherein similar letters of reference indicate corresponding parts throughout the entire specification and several views. Figure 1, is a front elevation of a window with my guide strip secured thereto; Fig. 2, a cross sectional top plan view on line  $x-x$ , Fig. 1; Fig. 3, an end rear elevation of Fig. 2; and Fig. 4, perspective views of the guide strip.

The letter A is used to indicate my improved guide strip, which may be made of any suitable material, preferably wood. This strip is cut away in order to form shoulders  $a, a'$ , which provides a guide way or groove  $A'$ , within which the rod secured to the lower end of the shade works as the shade is moved up or down. This guide or groove terminates in an elongated rearwardly extending slot B, and within said slot side edge of shade  $B'$  fits.

My guide strip is adjustably attached to the window frame, in order to permit its being adapted to shades of varying widths. For this purpose I secure to the top and bottom of the window frame, on each side hollow guide plate C, which has an elongated slot or opening  $c$ , formed therein, and to back of guide strip at top and bottom, is attached angle plate  $C'$ , provided with downwardly projecting bolt or screw  $c'$ , which fits within elongated slot of guide plate C, as shown. To lower end of the bolt  $c'$ , is secured a nut  $b$ ,

which serves to hold the guide strip to the guide plate, which plate is rigidly attached to the frame crosswise to the guide strip by means of screw  $d$ . By this manner of securing guide strip I am enabled to move same in and out in order to adjust same to shades varying in width. By recessing or cutting away a portion of the guide strip at each end, as shown at D, I am enabled to bring the intermediate portion thereof flush with window frame, in order to exclude light which would pass thereunder in case the strip rested on top of the guide plates, inasmuch as the intermediate portion of the strip would be raised from the frame a distance equal to thickness of guide plates. However, by recessing, or cutting away a portion of the strip, as shown, the same is permitted to fit over guide plate.

Inasmuch as my guide-strip is designed to extend the entire height of the window frame, it is necessary that the same be supported between the top and bottom by being secured to the frame direct in order to prevent sagging or warping thereof, and for this purpose I attach thereto plate  $D'$ , which is fastened to frame of window by means of screw  $e$ . Of course, if so desired, the guide strip may be screwed to the frame direct and plate  $D'$ , be dispensed with, but I prefer the use of said plate, inasmuch as screwing the guide strip thereto would have a tendency to weaken the same.

I am aware that the guide ways for the shade rod and the shade edge need not be made separate, but that the former may answer for both, but I prefer to form a separate guide way for each, owing to the fact that if only one guide way is formed, too much space will be left between the sides of the shade and the guide walls, consequently permitting dust and dirt to accumulate therein.

Having thus described my invention, what I claim as new, and desire to secure protection in by Letters Patent, is—

1. The combination with the window frame, of the guide plates secured thereto, the curtain guide strips, and the angle plates attached to the said guide strips and adjustably secured to the guide plates.

2. The combination with the window frame,

of the guide plates secured thereto and provided with longitudinal slots, the curtain guide strips, angle plates secured to said strips, and bolts carried by said angle plates  
5 and playing in the longitudinal slots of the guide plates whereby the angle plates are adjustably secured to said guide plates.

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

FREDERICK C. SCHROEDER.

Witnesses:

N. A. ACKER,

J. W. KEYS.