

(No Model.)

2 Sheets—Sheet 1.

D. BOYER.  
WINDOW SHADE CORNICE.

No. 542,515.

Patented July 9, 1895.

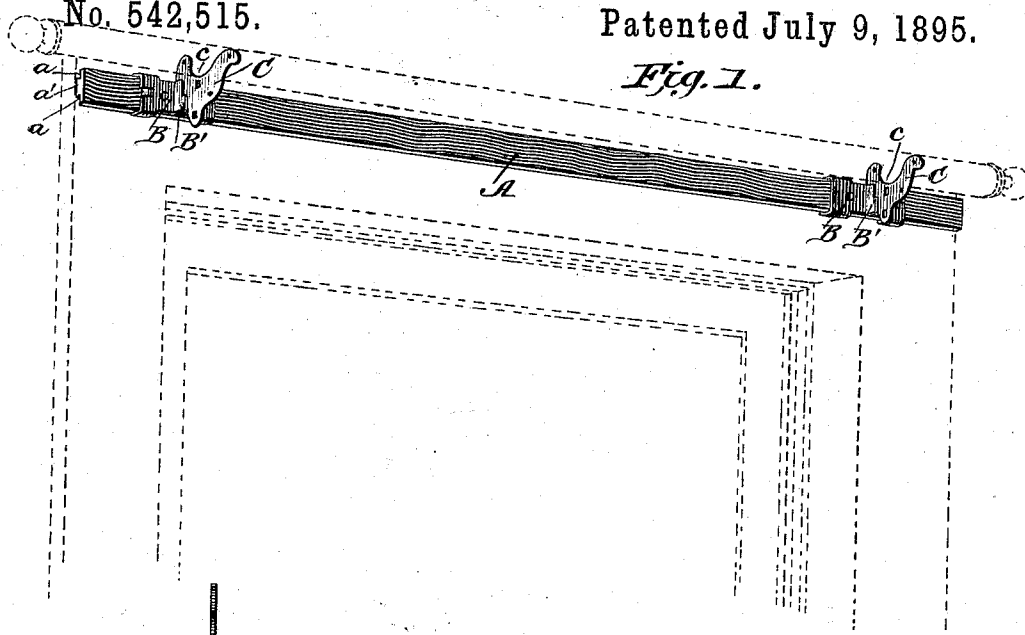


Fig. 1.

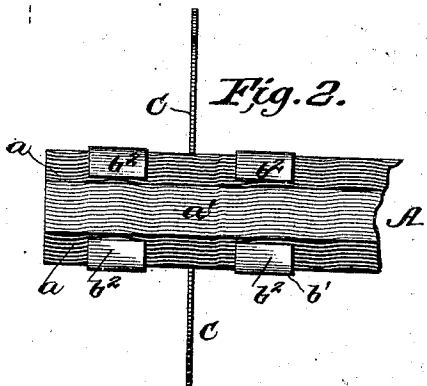


Fig. 2.

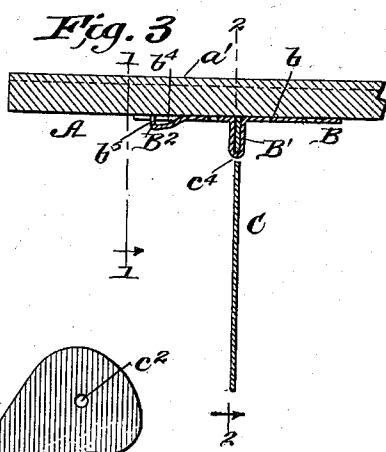


Fig. 3.

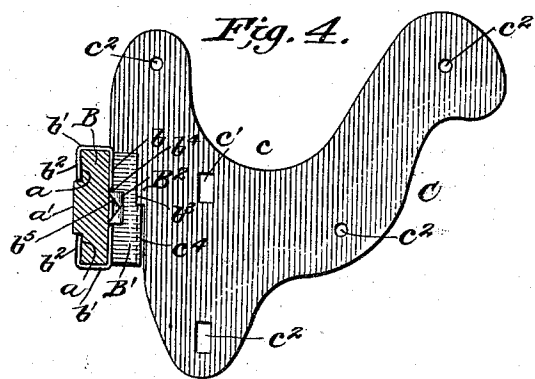


Fig. 4.

WITNESSES:

*M. D. Ploudeh,*  
*Chas. M. Boyle,*

INVENTOR

*Daniel Boyer,*

BY

*J. R. Little,*  
his ATTORNEY.



# UNITED STATES PATENT OFFICE.

DANIEL BOYER, OF CRESSONA, PENNSYLVANIA.

## WINDOW-SHADE CORNICE.

SPECIFICATION forming part of Letters Patent No. 542,515, dated July 9, 1895.

Application filed March 30, 1895. Serial No. 543,862. (No model.)

*To all whom it may concern:*

Be it known that I, DANIEL BOYER, a citizen of the United States, residing at Cressona, in the county of Schuylkill and State of Pennsylvania, have invented certain new and useful Improvements in Window-Shade Cornices; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to that class of window-shade cornice devices which are capable of being adjusted to adapt them for various lengths of shades or rollers and which are designed to carry window-shades and curtain-poles.

The object of my invention is to provide a simple and improved device of this character which will possess advantages in point of inexpensiveness, adaptability, ease and convenience of operation, durability, effectiveness, and general efficiency.

In the drawings, Figure 1 is a perspective view of a window-shade cornice embodying my invention. Fig. 2 is a detail rear elevation. Fig. 3 is a detail horizontal sectional view. Fig. 4 is a detail transverse vertical sectional view taken on the line 1 1, Fig. 3. Fig. 5 is a detail transverse vertical sectional view taken on the line 2 2, Fig. 3. Fig. 6 is a detail perspective view of the slide. Fig. 7 is a detail perspective view of the supporting-bracket. Figs. 8 and 9 are detail sectional views showing the connection of the supporting-bracket with the slide.

Referring to the drawings, A designates a rod which is adapted to be mounted transversely across the window and is provided upon its rear face with longitudinal recesses  $a$ , respectively provided at the top and bottom, these longitudinal recesses or cut-away portions forming a central longitudinal rib  $a'$ , which may rest against the window-frame when the supporting-rod is secured in position. The rod is preferably formed of wood and may be secured in position in any suitable manner. It preferably has a flat front face  $a^2$  and smooth top and bottom edges  $a^3 a^3$ .

B designates a slide, one of which is provided at each end of the supporting-rod. The slide is preferably constructed in a single

piece, of sheet metal, and comprises a front plate or body portion  $b$ , corresponding to the face  $a^2$  of the supporting-rod. At each end of the plate  $b$ , at its top and bottom, are provided flanges or extensions  $b'$ , bent into approximately U shape and adapted to embrace the top and bottom edges of the supporting-rod, with their inner ends  $b^2$  accommodated within the longitudinal recesses  $a$  of the latter. The slide thus embraces the supporting-rod and is adjustable longitudinally thereon, the inner ends of the fingers or extensions  $b'$  being safely housed in the recesses  $a$  between the supporting-rod and the surface against which the latter is secured. In the construction of the slide the embracing fingers or extensions  $b'$  may be adapted to exert a spring tension upon the supporting-rod.

The plate or body portion  $b$  of the slide is bent upon itself at its central portion, between the end fingers or flanges  $b'$ , to form an approximately U-shaped outwardly-projecting vertical rib  $B'$ , which provides a socket for the bracket. The top portion of the front edge of this approximately U-shaped socket-rib is cut away or open, as shown at  $b^3$ , so that the bracket may be set firmly down within the socket.

At the outer end of the slide the plate or body portion  $b$  is provided with parallel slits  $b^4 b^4$ , between which is bent up a clutch-finger or claw  $B^2$  having a pointed or serrated edge  $b^5$ , adapted to engage the front face  $a^2$  of the supporting-rod in the adjustment of the slide upon the latter. This clutch-finger or claw may have a spring tension.

I prefer to provide the plate  $b$  with eyes or openings  $b^6 b^6$  for the insertion of tacks or other securing devices, by which the slide may be permanently secured in adjusted position if desired.

C designates the bracket, which is preferably formed of a metallic plate and is provided with a curved or segmental recess  $c$  in its top edge, adapted to receive and support a curtain-pole when desired. In the body or lower portion of the bracket, under the recess  $c$ , are formed suitable perforations or openings  $c' c'$  for the reception of the studs or ends of the shade-roller. The bracket may also be provided with perforations or openings  $c^2$  for

the attachment of curtain devices, as desired. The bracket is provided with a straight rear edge  $c^3$ , corresponding to the socket  $b^7$  of the slide, and has an upwardly-extending recess  $c^4$  forming a tongue  $c^5$  adapted to rest within the closed bottom portion of the socket, with the bottom of said recess resting upon the top of the front closed edge of the socket below the top cut-away portion.

10 I claim and desire to secure by Letters Patent—

1. A device of the class described, comprising a longitudinal supporting rod, the slide-plate bent to form the top and bottom approximately U-shaped fingers or flanges arranged at each end and embracing the top and bottom edges of the supporting rod, said plate being bent to form an end clutch-finger or claw adapted to engage the face of the rod and being bent at its center to form a vertical approximately U-shaped projecting rib having its front edge cut away or open at the top portion and providing a socket, in combination with the bracket plate provided with recesses or openings adapted to support the shade or curtain devices and having at its rear edge the tongue  $c^5$  adapted to rest within the lower closed portion of the socket, substantially as and for the purpose set forth.

2. A device of the class described, comprising the longitudinal supporting rod provided with the longitudinal top and bottom recesses  $a$  in its rear face, the slide-plate formed in a single piece and bent to provide the top and bottom approximately U-shaped fingers or flanges  $b'$  arranged at each end and embracing the top and bottom edges of the supporting rod, said slide-plate having the bent up clutch-finger or claw at one end and the central vertical approximately U-shaped bent rib having its front edge cut away or open at the top portion and forming a socket, in combination with the bracket plate provided with the curved or segmental recess in its top edge and with the perforations or openings adapted to receive the shade roller devices and provided at its rear edge with the tongue  $c^5$  formed by the upwardly-extending recess  $c^4$  and adapted to rest within the lower closed portion of the socket, substantially as and for the purpose set forth.

3. A device of the class described, comprising a longitudinal supporting rod, a slide-plate having fingers or flanges embracing the top and bottom edges of the supporting rod,

said slide being bent at its center to form a projecting vertical approximately U-shaped socket, in combination with the bracket having a tongue fitting said socket and provided with recesses or openings for supporting the shade or curtain devices, substantially as and for the purpose set forth.

4. In a device of the class described, the combination, with a slide-plate bent to form rearwardly-projecting clamping fingers or flanges at the top and bottom and bent up to form the vertical projecting approximately U-shaped rib having its front edge cut away or open at its top portion, of the bracket plate having recesses or perforations adapted to receive the shade or curtain devices and provided at its rear with the tongue  $c^5$  adapted to rest within the lower closed portion of the socket, substantially as and for the purpose set forth.

5. A device of the class described, comprising the longitudinal supporting rod, the slide adjustable thereon and provided with the fingers or flanges embracing the edges of the supporting rod and with a clutch finger or claw adapted to engage the face of the rod, said slide having a vertical projecting approximately U-shaped socket rib, and the bracket plate provided at its rear edge with a tongue received by said socket, substantially as and for the purpose set forth.

6. The herein described window shade cornice, consisting of the longitudinal supporting rod having the longitudinal recesses  $a$  and the longitudinal central rib  $a'$  at its rear face and the smooth front face  $a^2$ , the slide-plate bent in a single piece to form the approximately U-shaped top and bottom fingers or flanges  $b'$  and the front plate or body portion  $b$  having the bent up clutch-finger or claw  $B^2$  and the central vertical projecting approximately U-shaped rib  $B'$  with the top portion of its front edge cut away or open, and the bracket plate having the curved or segmental recess  $c$  in its top edge and provided with the perforations or openings  $c'$  and with the tongue  $c^5$  at its rear edge formed by the upwardly-extending recess  $c^4$ , substantially as and for the purpose set forth.

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

DANIEL BOYER.

Witnesses:

OSCAR FIDLER,  
JOHN BONERS.