

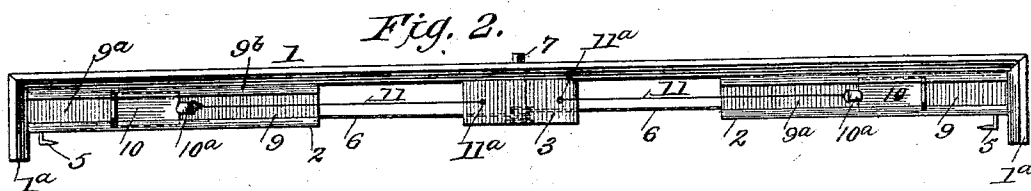
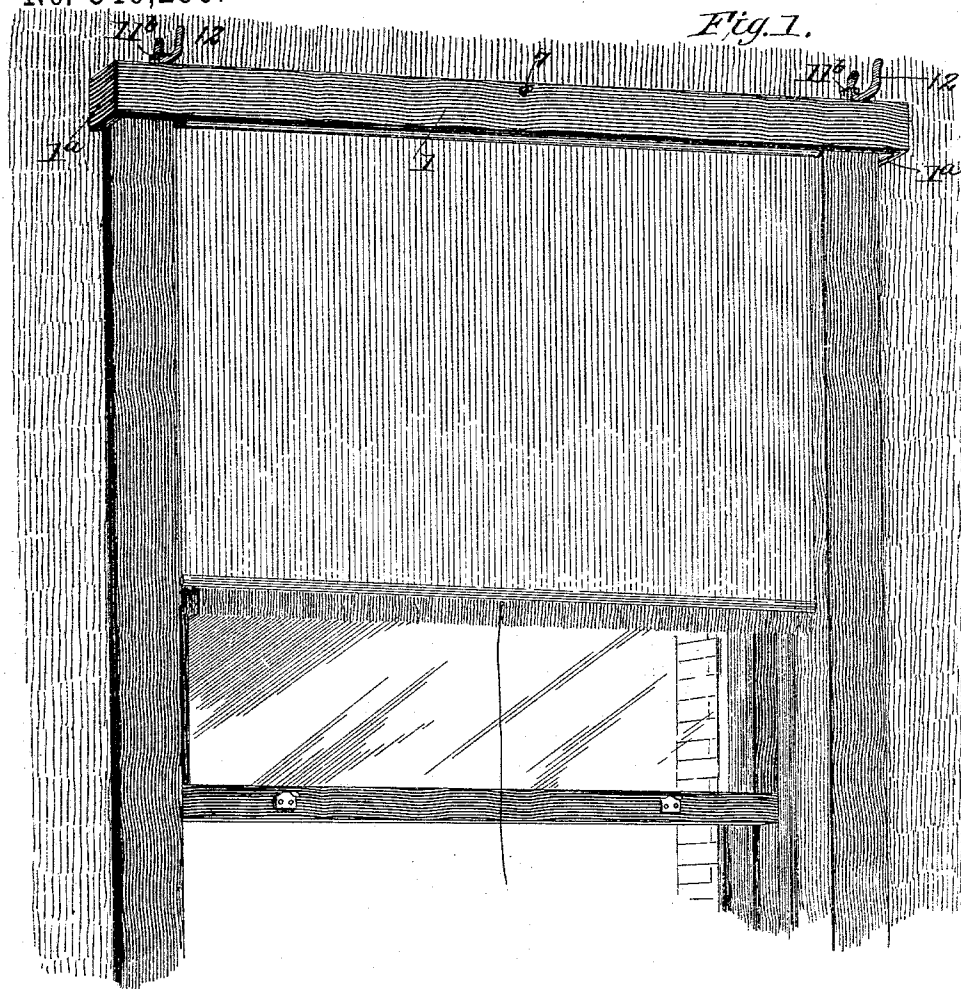
(No Model.)

2 Sheets—Sheet 1.

D. BOYER.
WINDOW SHADE CORNICE.

No. 546,296.

Patented Sept. 17, 1895.



WITNESSES:
A. E. Dieterich
H. S. Shepard

INVENTOR
Daniel Boyer
BY
J. R. Little
his ATTORNEY.

(No Model.)

2 Sheets—Sheet 2.

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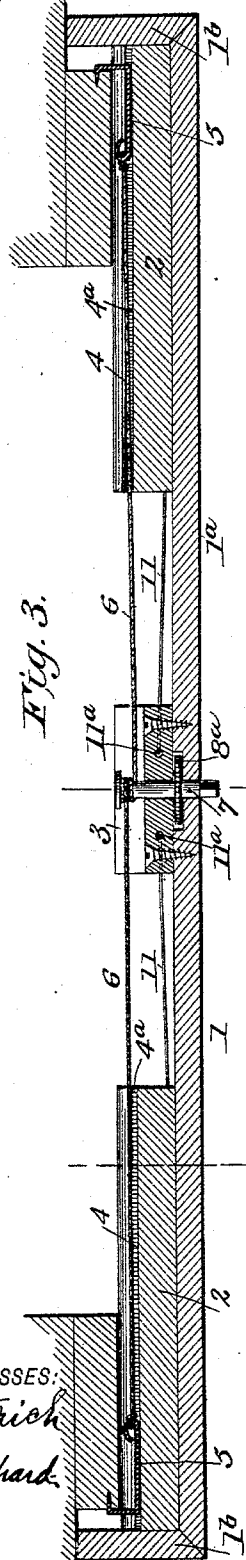


Fig. 3.

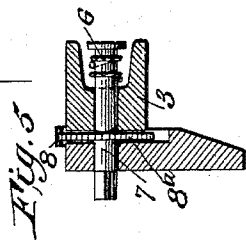
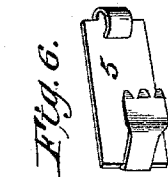
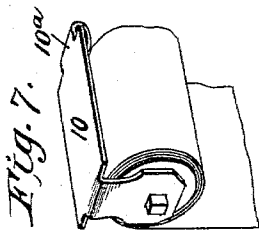


Fig. 5.

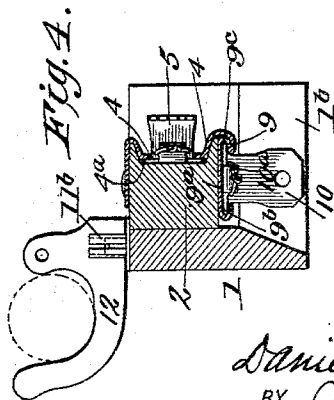


Fig. 4.

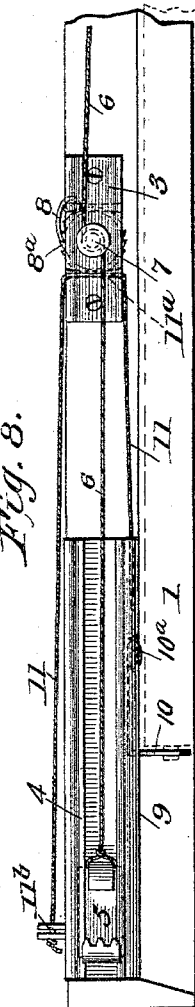


Fig. 8.

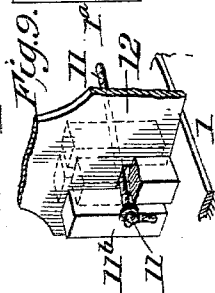


Fig. 9.

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UNITED STATES PATENT OFFICE.

DANIEL BOYER, OF CRESSONA, PENNSYLVANIA.

WINDOW-SHADE CORNICE.

SPECIFICATION forming part of Letters Patent No. 546,296, dated September 17, 1895.

Application filed August 14, 1894. Serial No. 520,270. (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.

My invention relates to improvements in that class of devices or appliances known as "window-shade cornices;" and it has for its object to provide a simple and improved device of this character which will possess advantages in point of adjustability, convenience, adaptability, effectiveness, and general efficiency.

To these ends the invention consists of the combination and arrangement of parts substantially as hereinafter more fully disclosed, and pointed out specifically in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my invention. Fig. 2 is an under side view thereof. Fig. 3 is a horizontal sectional view. Figs. 4 and 5 are detail cross-sections. Figs. 6 and 7 are detail perspective views of an attaching clamp or claw for the appliance and of a roller-bracket, respectively, as herein employed. Fig. 8 is a detail rear elevation. Fig. 9 is a detail perspective view illustrating the cross-slitted posts.

The cornice-piece 1 in its general outline is of usual or any approved construction, having a front longitudinal section or member 1^a and end sections or members 1^b, secured to the first-named member. Upon the inner side of the front section or member 1^a are suitably secured two aligned horizontally-grooved guides 2, with their grooves opening rearward, arranged one upon each side of and spaced apart from a central similarly-grooved piece or bracket 3, also secured to the same section or member.

Guideways 4, preferably in the form of pieces of sheet metal fastened to the guides 2, are applied to the grooved surfaces thereof, the inner longitudinal edges of said guideways forming flanges offset from the bottoms of the grooved surfaces to form therewith

grooves 4^a to receive and within which are adapted to slide the flat shank portions of preferably claw-ended clamps 5 to grasp the sides of the window-frame in adjusting the cornices in position. These clamps or claws have attached to the inner ends of their shank portions one end of each of two tapes or lines 6, the opposite ends of which are connected to a common shaft 7, so as to wind in opposite directions, whereby the clamps or claws are adapted to be drawn or slid toward and caused to clamp the sides of the window-frame by turning the shaft 7 in the required direction.

The shaft 7 is held from reverse movement by a retaining-pawl 8, pivoted in a rabbet in the rear of the member or section 1^a and engaging a ratchet 8^a, fixed to said shaft. A suitable wrench or crank is used for conveniently actuating the shaft 7, adapted for that purpose.

Upon the under sides of the guides 2 are also guideways 9 for the reception of the shade-roller gudgeon supports or brackets 10, as shown, within which guideways said brackets are adapted to slide. These guideways are formed, preferably, of sheet-metal plates 9^a, with one longitudinal edge turned inward and formed into a groove 9^b and the opposite edge interlapped with the lower corresponding edge of the lower one of the sheet-metal pieces 4, turned inward and below the plates 9^a, so as to form a groove 9^c, the counterpart of groove 9^b, conjointly forming the guideways 9. The supports or brackets 10 have connected to the upturned inner ends of their horizontal shank portions 10^a one end of each of two cords or lines 11, passing to and up through vertical apertures 11^a in the central bracket 3, and thence in opposite directions and hitched in cross-slitted posts 11^b, with their free ends anchored in any suitable way, as shown, to prevent the accidental displacement of the same. By means of this arrangement it will be seen that the shade-roller gudgeon-brackets are adapted to be slid in the guideways to accommodate the width of the shade with its roller. It is also apparent from what has been above set forth that the appliance or cornice can be readily and conveniently secured into position upon the window-frame with all the shade parapher-

nalía in place thereon, and can all be readily taken down intact when required.

Brackets 12, one adapted to be seated in one of the slits of each of the posts 11^b, may be used to support a curtain-pole when it is desired to use such. Otherwise the brackets may be readily removed or not be brought into service at all.

I have herein shown the cords or lines as secured to the pole-fixtures; but it will be understood that these cords or lines may be fastened in any suitable or desired manner and at any adapted point.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A device of the class described, comprising the cornice-piece proper having the guide members 2, the guide-ways 4 secured to the inner face of the latter and forming the grooves 4^a, the guide-ways 9 secured to the under side of the guide members 2 and having their longitudinal edges forming the guide grooves 9^b and 9^c, the outer edge of the guide-ways 9 being overlapped by the lower corresponding edge of the guide-ways 4, substantially as set forth, the clamps or claws having their shank portions accommodated and sliding in the grooves 4^a, the supports or brackets 10 having their shank portions accommodated and sliding within the grooves 9^b and 9^c, and independent means for controlling the adjustment of the clamps or claws and of the supports or brackets, substantially as and for the purpose set forth.

2. The herein-described window cornice and curtain support device, comprising the cornice-piece proper formed of the front longitudinal section or member 1^a carrying the grooved guide members 2, the guide-ways 4 secured to the inner grooved face of the members 2 and having their longitudinal edges conjointly forming the groove 4^a, the guide-ways 9 secured to the under sides of the members 2 and having their longitudinal edges forming the grooves 9^b and 9^c, the clamps or

claws 5 having their shanks accommodated and sliding in the grooves 4^a, the supports or brackets 10 having their shanks accommodated and sliding in the grooves 9^b and 9^c, the intermediate central member or bracket 3 secured to the section or member 1^a, the transverse horizontal shaft 7 mounted in the bracket 3, the tapes or lines 6 passing from the clamps to said shaft, and the cords or lines 11 passing respectively from the supports 10 to the bracket 3 and respectively through vertical slots or apertures in the latter, substantially as and for the purpose set forth.

3. In a device of the class described, comprising the cornice-piece proper, the posts 11^b mounted upon the latter and cross-slitted vertically substantially as set forth, in combination with the removable pole-supporting brackets 12 adapted to be set in the cross-slits of said posts, substantially as and for the purpose set forth.

4. A device of the class described, comprising the cornice-piece proper having the guide members 2 with the grooved inner faces, the guide-ways 4 secured in said grooved surfaces and having their inner longitudinal edges offset from the bottoms of said grooves to conjointly form the grooves 4^a, the guide-ways 9 secured to the under side of the guide members 2 and having their longitudinal edges forming the guide grooves 9^b and 9^c, the clamps or claws having their shank portions accommodated and sliding in the grooves 4^a, the supports or brackets 10 having their shank portions accommodated and sliding within the grooves 9^b and 9^c, and independent means for controlling the adjustment of the clamps or claws and of the supports or brackets, substantially as and for the purpose set forth.

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

DANIEL BOYER.

Witnesses:

JOHN B. GINTHER,
OSCAR A. FIDLER.