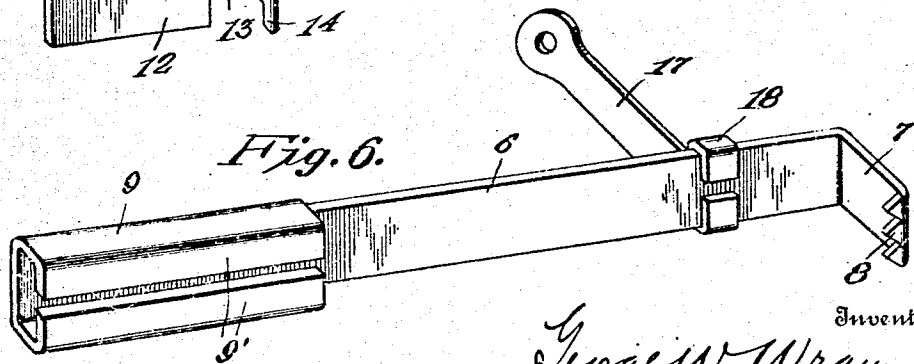
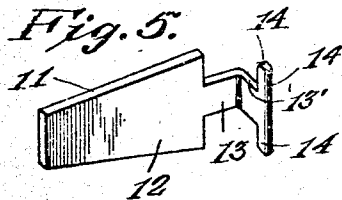
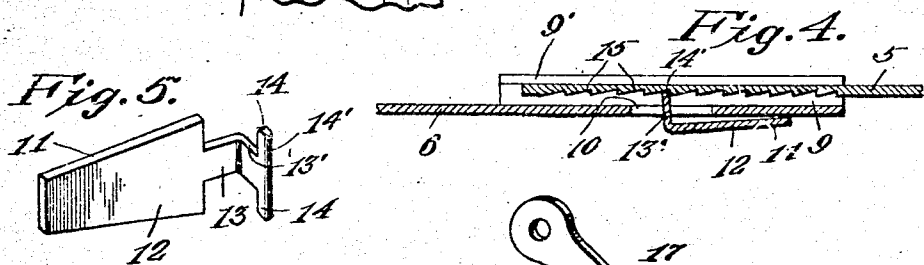
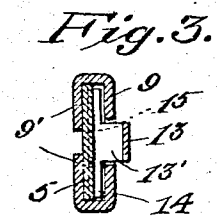
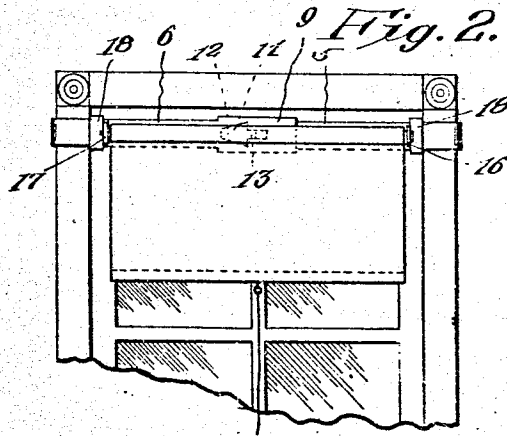
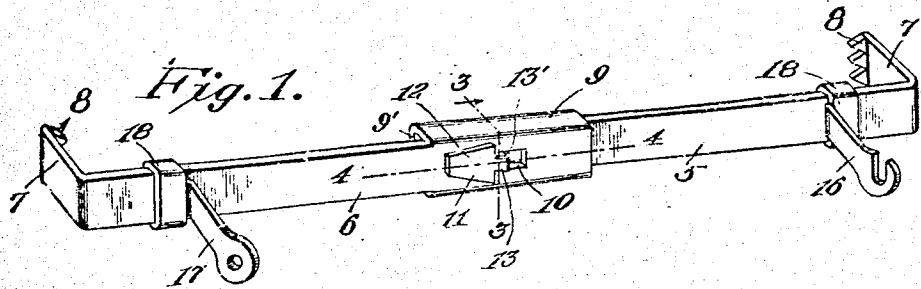


G. W. WRAY.  
WINDOW SHADE HOLDER.  
APPLICATION FILED OCT. 28, 1909.

972,972.

Patented Oct. 18, 1910.



Witnesses

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# UNITED STATES PATENT OFFICE.

GEORGE Wm. WRAY, OF EL RENO, OKLAHOMA.

## WINDOW-SHADE HOLDER.

972,972.

Specification of Letters Patent. Patented Oct. 18, 1910.

Application filed October 28, 1909. Serial No. 525,068.

### *To all whom it may concern:*

Be it known that I, GEORGE W. WRAY, a citizen of the United States, residing at El Reno, in the county of Canadian and State of Oklahoma, have invented certain new and useful Improvements in Window-Shade Holders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain new and useful improvements in shade roller supports and has for its object to provide a device of this character which is of simple construction, may be very quickly secured in position upon the window frame, and is adjustable to various sizes of windows.

Another object is to provide a shade roller support which may be secured in operative position without requiring the use of nails, screws, or other analogous fastening devices.

A further object is to provide a shade roller support consisting of two slidable bars adjustable upon each other, and a cam locking lever for securing the bars in their adjusted positions, roller brackets being longitudinally movable on each of said bars to position said bracket to receive the ends of the shade roller.

With these and other objects in view, the invention consists of the novel construction, combination and arrangement of parts hereinafter fully described and claimed and illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of a shade roller support embodying my invention; Fig. 2 is an elevation illustrating the application of the device; Fig. 3 is a transverse section taken on the line 3—3 of Fig. 1; Fig. 4 is a longitudinal section on the line 4—4 of Fig. 1; Fig. 5 is a detail perspective view of the cam locking lever; Fig. 6 is a detail perspective view of one of the adjustable bars.

Referring to the drawing 5 and 6 indicate two slidable bars disposed in the same transverse plane and adapted to be moved upon each other to increase or decrease the length of the support for attachment to window frames of various widths. The outer end of each of the bars is disposed at a right angle as shown at 7 and has its extremity inwardly bent and provided with a plurality of teeth or serrations 8 which are adapted to bite into the woodwork of the frame and secure the

bars thereto. The inner end of the bar 6 has integrally formed therewith an elongated rectangular sleeve portion 9. This sleeve is formed by extending the metal of the bar 60 and bending the same inwardly from the opposite edges thereof. The longitudinal edge portions of these extensions are then bent in opposite directions toward the longitudinal center of the bar as clearly shown at 9' in Fig. 6. In this manner a suitable bracket or sleeve is provided which receives the end of the bar 5 and in which said bar is longitudinally adjustable.

Provided in the end of the bar 6 and centrally of the sleeve 9 there is a rectangular opening 10 through which a cam locking lever 11 is positioned. This lever is formed from a single piece of material bent to provide a substantially triangular shaped bearing portion 12 which as clearly shown in Fig. 1 is adapted to engage with the outer face of the bar 6 and normally secure the two sections of the support together. The forward end of the triangular portion 12 is reduced to provide a comparatively narrow neck portion 13 which is bent at right angles as shown at 13' and extends through the opening 10. Upon the extremity of this neck portion laterally extending bearing lugs or trunnions 14 are integrally formed and so proportioned that they are wider than they are thick in order to have a clamping action. These lugs extend upon opposite sides of the opening 10 and against the inner side of the bar 6. Said lugs have broad bearing surfaces 14' which engage with the adjustable bar 5 and securely hold the latter in its adjusted position within the sleeve 9.

From reference to Fig. 4 it will be seen that the inner end of the bar 5 is provided with a plurality of teeth or serrations 15 which are formed in the outer face thereof and when the bar is positioned in the sleeve are adapted to receive the trunnions 14, the edge 14' of which is disposed behind one of these teeth and prevents the longitudinal sliding movement of the bar 5 when the locking lever 11 is engaged with the face of the bar 6 as shown in Fig. 1. It will be observed that when the portion 12 of the locking lever is disposed in engagement with the bar 6, the angularly extending neck portion 13' which acts as a cam is disposed at an angle through the openings 10 and securely binds the adjustable bar 5 against the inner edge portions 9' of the sleeve 9. The serrations

15 will absolutely prevent any sliding movement of the bar sections with relation to each other and owing to the disposition of the cam portion of the locking lever through the opening 10, it will be obvious that there is but little danger of the lever being accidentally released from its locking position.

As shown in Fig. 2, the bar sections 5 and 6 after being adjusted upon each other as above described, have their end portions engaged with the opposite edges of the window frame, the serrated ends thereof being driven between the outer portion of the window frame and the wall. Thus the necessity of disfiguring the woodwork is avoided while at the same time the roller support is securely held in position. Slidably arranged upon the bars 5 and 6 are the roller brackets 16 and 17 respectively. These brackets are each formed from a single piece of material which is provided upon one end with a laterally extending rectangular sleeve 18 which embraces the bar 5 or 6, and is slidable thereon to position each bracket from the end of its bar to receive the trunnion provided on one end of the shade roller.

From the foregoing it will be seen that I have provided a shade roller support which may be easily and quickly adjusted to secure the same upon window frames of various widths, the support carrying movable brackets to receive the roller.

The entire device is constructed of sheet metal of suitable thickness to render the same durable in use while at the same time a very light and easily handled support is provided.

While I have shown and described what I believe to be the preferred embodiment of my invention it will of course be understood that numerous minor changes may be resorted to in the form, proportions and details of construction without departing from the essential features or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed is:

1. A shade roller support comprising two longitudinally adjustable members, one of said members having an elongated sleeve integrally formed on its inner end, the other of said members being slidable in said sleeve, said sleeve having a rectangular opening therein, a cam locking lever having a contracted neck portion disposed through said

opening and an enlarged substantially triangular shaped bearing portion adapted to engage with the outer face of said sleeve, the cam portion of said member having lateral extensions adapted to engage with said slidable member and secure the same in its adjusted position, a roller supporting bracket slidably disposed upon each of said members, the outer ends of said members being angularly disposed and provided with inwardly directed extremities adapted to engage in the opposite sides of a window frame.

2. A shade roller support comprising two adjustable bars, the inner end of one of said bars having an integral transversely extending portion on each of its opposite edges, the longitudinal edges of said transversely extending portion being inwardly bent toward each other to form a rectangular elongated sleeve, the other of said bars being positioned in and slidable through said sleeve, said sleeve having an elongated opening provided through its outer face, a cam locking lever formed from a single piece of material, said lever having a substantially triangular shaped portion adapted to bear upon the outer face of said sleeve and a contracted neck portion bent at a right angle and disposed through said opening, the end of said neck portion having lateral extensions formed integrally therewith extending on opposite sides of said opening, said slidable bar having a plurality of serrations in its outer face, the outer edge of said extensions providing a bearing portion adapted to engage in said serrations and bind the slidable bar in said sleeve to secure the same in its adjusted position, in combination with a roller supporting bracket longitudinally movable on each of said bars, each of said brackets comprising a rectangular sleeve portion engaged on said bars, and an outwardly extending roller supporting arm, the outer ends of said bars being angularly disposed and having inwardly turned extremities, said extremities being serrated for engagement in the opposite sides of a window frame.

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

GEO. WM. WRAY.

Witnesses:

OSCAR S. HOWARD,  
ARTHUR T. MARCH.