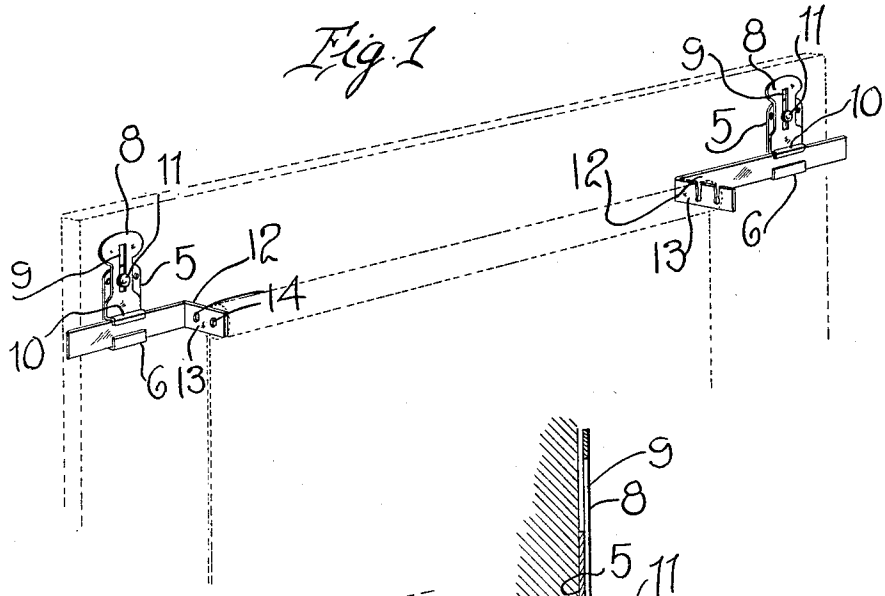
J. M. ALLARD.

SHADE BRACKET.

APPLICATION FILED SEPT. 28, 1914.

1,126,934. **Patented Feb. 2, 1915.**

Fig. 1



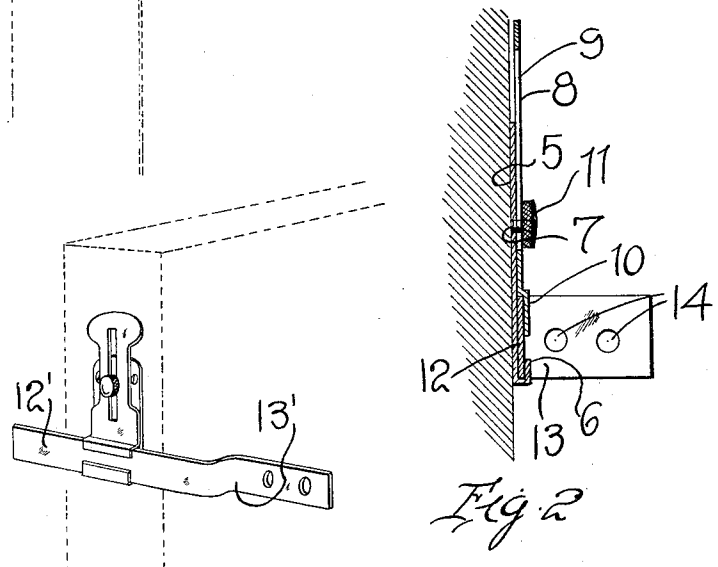


Fig. 2

Fig. 3

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SHADE-BRACKET.

1,126,934. Specification of Letters Patent. Patented Feb. 2, 1915.

Application filed September 28, 1914. Serial No. 863,929.

To all whom it may concern:

Be it known that I, JOSEPH M. ALLARD, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Shade-Brackets, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to an improved shade roller or curtain pole bracket and has for its primary object to provide a device of this character including means for easily and quickly clamping the roller supports in place upon the window frame.

The invention has for a further object to provide a very simply constructed device of this character which may be readily stamped out of sheet metal, and which will admit of the easy and quick adjustment of the roller supports so that rollers of various lengths may be properly mounted therein.

With the above and other objects in view, my invention consists in the novel features of construction, combination, and arrangement of parts to be hereinafter more fully described, claimed, and illustrated in the accompanying drawing, in which,

Figure 1 is a perspective view showing my improved shade roller supporting bracket applied to a window frame; Fig. 2 is an enlarged vertical section; and Fig. 3 is a perspective view illustrating a slightly modified form of the device.

Referring in detail to the drawing, 5 designates the base plate of my improved bracket which is provided upon one end with an angularly disposed flange 6. These base plates are secured upon the face of the window frame at the top thereof and adjacent to its opposite sides so that the flange 6 will project outwardly and upwardly from the frame. In the base plate adjacent its opposite end an outwardly projecting threaded stud 7 is suitably fixed.

8 designates the clamping member of the bracket which consists of a body plate having an elongated longitudinal slot 9 therein to receive the threaded stud 7. The lower end of this plate is outwardly and downwardly flanged as at 10 for a purpose to be later referred to. Upon the stud 7 a clamping nut 11 is threaded for engagement against the face of the adjustable plate 8 to tightly secure the same in its adjusted position.

12 indicates the shade roller or curtain pole supporting element which is in the form of a flat rectangular bar or plate having one of its ends bent at right angles as shown at 13. A pair of these supporting members is, of course, employed for properly supporting the roller upon the frame, one of the same being arranged in each of the brackets. The angularly disposed end of one member 12 is provided with openings indicated at 14 to receive a trunnion on one end of the roller while the other end thereof is provided with slots adapted to receive a rectangular stud or projection on the opposite end of the roller. These supports may be arranged in the brackets with their outwardly disposed ends 13 located inwardly of the brackets or disposed in spaced relation to said brackets and outwardly therefrom toward the edges of the window frame.

In mounting the shade roller or curtain pole in position, the slide plates 8 are raised and the supporting bars 12 disposed between the outwardly and upwardly extending flanges 6 of the base plates and the flanged lower ends 10 of the slide plates. After the trunnions on the end of the roller have been properly engaged in the openings and recesses of the spaced supporting members, the slide plates 8 are lowered or forced downwardly so that their flanged ends 10 will clamp upon the upper edges of these supporting members 12. The nuts 11 are now threaded inwardly upon the studs 7 so as to tightly clamp the slide plates 8 in position. In this manner, it will be seen that the members 12 may be easily and quickly adjusted to receive rollers of various lengths, and the roller or curtain pole may also be quickly removed from the window, when desired.

In Fig. 3 of the drawing, I have illustrated a slightly modified form of my invention wherein the bracket consisting of the base plate and the slide plate 8 are mounted upon the side edge of the window frame which projects beyond the face of the wall. The supporting member 12′ is secured upon the bracket in the same manner as in the previously described form of the invention. This supporting member, however, is of slightly different form, as it is not provided with the angularly bent end portion 13 but has one of its ends slightly curved longitudinally as shown at 13′, said curved end being provided with the open-

ings or recesses to receive the roller trunnion. This curved end of the support projects inwardly over the face of the window frame and adds rigidity to the supporting member. In either form of the invention, the slide member provides a quickly adjustable and rigid support for the roller.

From the foregoing description, taken in connection with the accompanying drawing, the construction, manner of operation, and several advantages of my invention will be clearly and fully understood.

The device, which is entirely constructed of sheet metal, may be very easily and quickly mounted in its proper position upon the window frame. The bracket elements may be made in various ornamental forms so that they will not detract from the appearance of the window. It will further be appreciated that in view of the extreme simplicity of my invention it may be produced at very small manufacturing cost.

While I have shown and described the preferred construction and arrangement of the several parts employed, it is obvious that the invention may be modified in various minor respects. I therefore reserve the privilege of resorting to all such legitimate changes as may be fairly embodied within the spirit and scope of the invention as claimed.

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

1. A device of the character described including a base plate adapted to be secured upon a window frame and having an outwardly projecting horizontal flange formed on one end, a slide plate vertically adjustable upon the base plate and provided upon its lower end with an outwardly and downwardly projecting flange, a supporting member adapted to be arranged upon the flange of said base plate, said flange of the slide member being adapted for clamping engagement upon the edge of said supporting member, and means for clamping said slide member upon the base plate in its adjusted position.

2. In a device of the character described, a base plate adapted to be secured to a window frame having an outwardly projecting horizontal flange upon its lower end, a threaded stud secured in said base plate, a slide member vertically adjustable upon the base plate and provided with a slot through which said stud projects, said slide member having an outwardly and downwardly extending flange formed on its lower edge, a supporting element adapted to be arranged upon the flange of the base plate, said slide member being adapted for adjustment to clampingly engage the flange thereof upon the upper edge of said supporting member, and a nut threaded upon said stud to securely clamp the slide member in its adjusted position upon the base plate.

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

JOSEPH M. ALLARD.

Witnesses:
WILLIAM E. SCHUL,
W. L. MCCLEARY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."