

UNITED STATES PATENT OFFICE.

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WINDOW-SHADE FIXTURE.

1,037,549.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK J. SCHU, a citizen of the United States, residing at Wayland, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Window-Shade Fixtures, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to adjustable brackets for window shades and has for its principal object to provide a simple, durable and efficient device of this character which may be easily and quickly adjusted so that shade rollers of various widths may be mounted upon the window frame.

A further and more specific object of the invention resides in the provision of an adjustable shade fixture of the character above described which consists of but two elements, one of said elements comprising a casing adapted to be secured to a window frame, and the other element consisting of the bracket proper in which one end of the roller is supported, and means for easily and quickly adjusting said bracket in the casing and securely holding the same in its adjusted position.

With the above and other objects in view, the invention consists in the novel features of construction and in the arrangement and combination of parts hereinafter more fully described, pointed out in the claims and shown in the accompanying drawings, in which,

Figure 1 is an elevation of a portion of a window provided with my improved adjustable brackets; Fig. 2 is an enlarged perspective view of one of the brackets; Fig. 3 is a longitudinal section taken on the line 3—3 of Fig. 1, and Fig. 4 is a detail perspective view of the bracket member; Fig. 5 is a longitudinal sectional view of the bracket.

Referring in detail to the drawing F indicates the upper portion of the frame of a window to the top cross bar of which adjacent the opposite sides of the frame the casings 5 are secured. These casings are of rectangular elongated form open on one side and extend horizontally upon the frame.

In the following description but one of the fixtures will be specifically described, it being understood that they are identical in construction, wherefore the description of one will suffice for both.

The open side of the body portion 6 of the

casing 5 is disposed against the frame of the window and said body is provided with the oppositely extending flanges 7 whereby the casing may be secured to the window frame by means of suitable screws 8. The outer longitudinal wall of the body 6, of the casing is crimped or corrugated as indicated at 9. This casing is open at both ends and within the same between the corrugated wall thereof and the face of the window frame the adjustable bracket 10 is disposed. This bracket consists of a strip of flexible sheet metal which is also crimped or corrugated as shown at 11. Adjacent to one end of said strip the same is curved or bowed as at 12 for frictional engagement with the face of the frame F, the extreme end portion of said corrugated strip bearing against the corrugated wall 9 of the casing 5 and effectually serving to prevent lateral movement of said strip between the corrugated wall of the casing and the window frame. The casing 5 is open at both ends and at one end of the same the lower edge of the casing is provided with an upstanding stud or lug 13 to be received in any one of the series of notches 14 formed in the lower edge of the bracket strip 10. The engagement of the extremity of this strip with the corrugation 9 in the casing wall normally acts to hold said strip in spaced relation to the base of the window frame and retain the notched edges thereof in engagement with the lug 13. The outer end of the bracket 10 is angularly bent as shown at 15 to extend outwardly from the window frame, the upper edge of said angularly disposed end of the bracket being provided with a rectangular notch or recess 16 to receive the usual square trunnion provided upon one end of the shade roller. The bracket at the opposite side of the window frame is of course provided with an opening to receive the cylindrical trunnion on the opposite end of the roller.

From the above description the operation of the device in actual use will be understood as follows. When it is desired to adjust the bracket members 10 in the casings 5 to position the same for the reception of the shade roller, the operator grasps the angular end 15 of the bracket members and forces the same toward the face of the window frame, thereby disengaging the notched lower edge of the corrugated strip 11 from the lug 13 on the end of the casing so as to permit the bracket to be moved longi-

5 tudinally in either direction within the rectangular body portion 6 of the casing. In this movement of the bracket member the bowed end thereof bears against the window frame and the opposed corrugated wall 9 of the casing. When as the angularly disposed roller receiving end 15 of the bracket has been positioned as desired, the release of inward pressure upon the end of the bracket causes the same to assume its natural position whereupon the lug 13 engages in one of the notches 14 in the lower edge of the strip 11 and effectually and positively holds said strip against further longitudinal movement in either direction.

15 From the foregoing it is believed that the construction and manner of use of my improved shade roller supporting bracket will be clearly understood.

20 As the device consists of but two elements which may be stamped out of sheet metal, it will be appreciated that the entire fixture may be manufactured at extremely small cost. It is also very durable in practical use and provides means whereby the fixture may be easily and quickly adjusted without removing the same from the window frame so that a shade of the necessary width may be properly mounted.

30 It will of course be understood that the device is susceptible of considerable modification in the form, proportions and arrangement of parts without departing from the essential features or sacrificing any of the advantages thereof.

35 What I claim is:—

40 1. A window shade fixture comprising a casing adapted to be secured to a window frame, the outer wall of said casing being provided with a longitudinal series of corru-

gations, and an adjustable bracket member arranged within said casing provided with a bowed portion to bear against the window frame, the end of said bracket member engaging the corrugated wall of the casing.

2. A window shade fixture comprising a casing open upon one side and adapted to be secured to a window frame, the side wall of said casing being provided with a longitudinal series of corrugations and a bracket member consisting of a corrugated metal strip to engage the corrugated wall of the casing, said strip being provided with a bowed portion adjacent to one end to frictionally bear against said frame and maintain said bracket in its adjusted position in relation to the casing.

3. A window shade fixture comprising a casing adapted to be secured to a window frame, said casing being open on one side, the outer wall of the casing being corrugated, a bracket member consisting of a resilient metallic strip corrugated for engagement with the corrugated wall of the casing, said strip being provided in one edge with spaced notches, a lug on one end of said casing to engage in the notches and hold the bracket in its adjusted position with relation to the casing, said resilient strip having a bowed portion to engage with the window frame and normally act to hold the notched edge of said strip in engagement with said lug.

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

FRANK J. SCHU.

Witnesses:

L. V. ROSENKRANS,
B. H. ZIMMERMAN.