Jan. 20, 1931. M. McANANEY 1,789,764

WINDOW SHADE PROTECTOR

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Fig. 1.

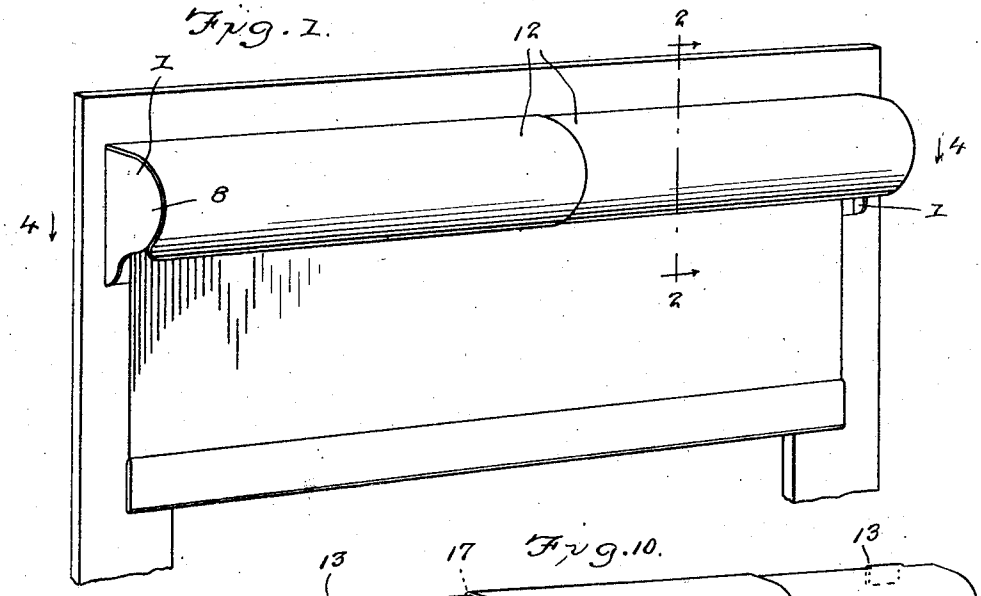


Fig. 10.

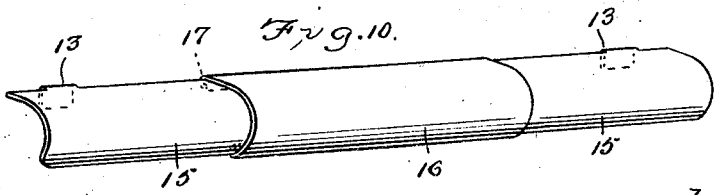


Fig. 4.

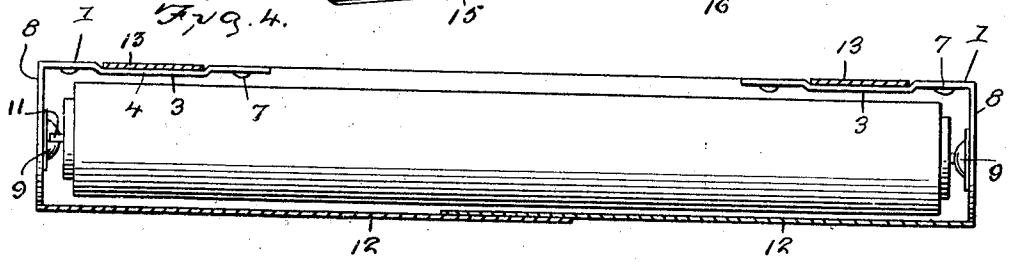


Fig. 8.



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Fig. 2.

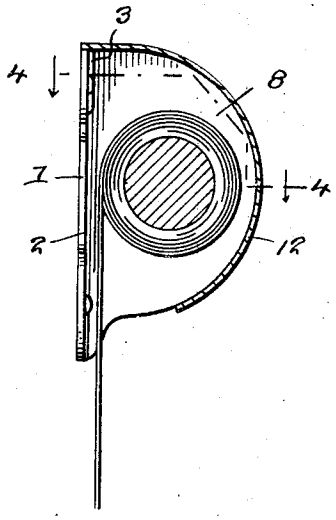


Fig. 3.

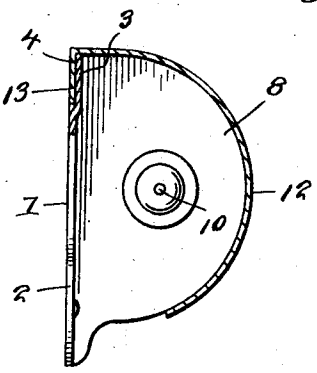


Fig. 5.

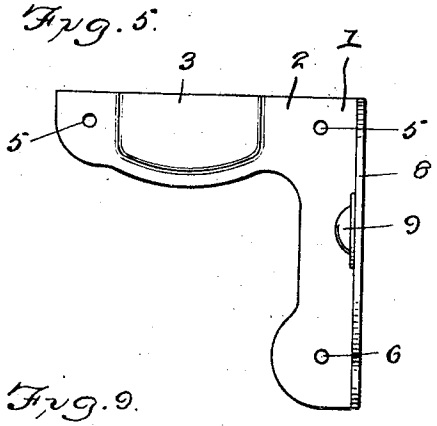


Fig. 6.

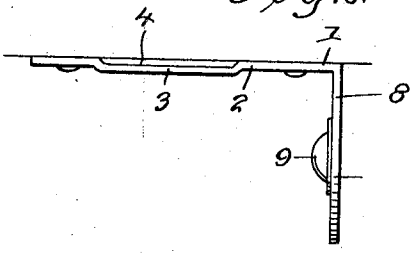
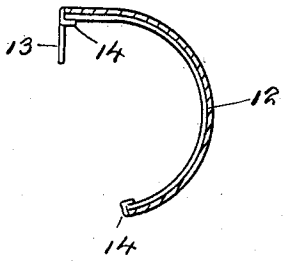


Fig. 9.



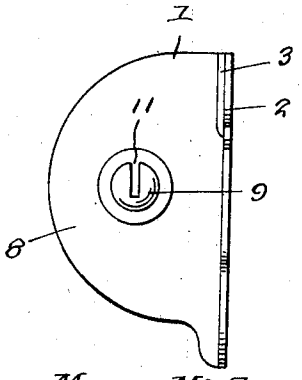


Fig. 7.

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Patented Jan. 20, 1931 1,789,764

UNITED STATES PATENT OFFICE

MARY McANANEY, OF WOOSTER, OHIO

WINDOW-SHADE PROTECTOR

Application filed March 28, 1930. Serial No. 439,756.

This invention relates to improvements in window shade protecting and supporting brackets, and has as its primary object to provide a member which may be readily installed upon a window frame and which will practically completely house a shade roller so that the shade upon the roller will be effectually protected from the accumulations of dust and other foreign matter.

Another object of the invention is to provide a device, for the purpose stated, which will constitute not only a protector for the window shade and its roller, but also a mounting for the roller.

Another object of the invention is to provide, in a combined window shade supporting and protecting device, bracket members whereby the ends of the shade roll may be supported, and a shield member which is separably engageable with the bracket members so that the parts may be readily mounted upon a window frame, the attaching portions of the bracket members being obscured from view by the said shield.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings, and specifically pointed out in the appended claims, it being understood of course that minor changes may be made so long as they fall within the scope of the claims.

In describing my invention in detail, reference will be had to the accompanying drawings, wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a perspective view illustrating one embodiment of the invention.

Figure 2 is a vertical front to rear sectional view through the device shown in Figure 1, on the line 2—2 of said figure, looking in the direction indicated by the arrows.

Figure 3 is a view similar to Figure 2 taken on a different plane.

Figure 4 is a sectional view taken substantially on the line 4—4 of Figure 2 looking in the direction indicated by the arrows.

Figure 5 is a view in front elevation of one of the brackets.

Figure 6 is a top plan view of the bracket.

Figure 7 is a view in end elevation of one of the brackets.

Figure 8 is a view in rear elevation of the shield.

Figure 9 is a vertical sectional view taken on the line 9—9 of Figure 8 looking in the direction indicated by the arrows.

Figure 10 is a perspective view illustrating a modified form of shield.

The device embodying the invention comprises a pair of brackets which are indicated in general by the numeral 1 and which, except as will hereinafter be explained, are of counter-part construction. Each of these brackets is preferably formed from an integral sheet metal blank and comprises an attaching portion 2 and which preferably includes two portions extending substantially at right angles with respect to each other, one horizontally and one vertically, and in the horizontal portion of the bracket there is formed an offset which is indicated by the numeral 3 and which offset extends downwardly from the upper edge of the said portion and terminates short of the lower edge thereof, whereby to provide a pocket 4.

Openings 5 are provided in this horizontal portion at the opposite ends thereof and, in the vertical portion of the attaching member of the bracket, a similar opening 6 is provided at the lower end thereof and these openings are adapted to accommodate screws 7 which serve to secure the bracket members upon the face of a window frame at the upper corners thereof. Each bracket member 1 comprises an outstanding portion 8 which is of substantially semi-circular form and this portion of each bracket is formed or provided with a head 9 of rounded form and the head of one of the brackets is formed with an opening 10 to receive the rounded journal of a shade roller and the other head 9 is formed with a notch 11 to receive the flat sided end of the spindle of the roller at the other end thereof.

The shield is preferably of the form shown in Figures 1 to 4 and Figures 8 and 9 of the drawings and the screen is preferably made

in two sections which are indicated in general by the numeral 12, these sections being of counterpart formation except in one respect which will presently be set forth. Each section of the screen is of a contour approximating semi-cylindrical form and is formed at its upper edge with a downwardly extending tongue 13, which tongue is located near the outer end of each section and is adapted to be fitted into the pocket 3 of a respective one of the brackets 1. The two shield sections are arranged in overlapping relation to each other at their inner end portion and one of the sections is provided at its upper and lower edges and at its said end with inwardly turned ears 14 which are slidably engaged with the upper and lower margins of the overlapped section, and it will be understood at this point that, in this manner the sections are connected for relative adjustment so that the length of the screen, as a whole, may be varied in accordance with the width of the window frame upon which the screen is to be mounted.

By reference to Figures 1, 2, 3 and 4 of the drawings, it will be observed that due to the marginal contour of the portions 8 of the brackets 1 and the contour of the shield sections, the shield sections, at their outer or relatively remote ends are adapted to extend about and in contact with the margins of the said portions 8, so that while the lower margins of the shield sections are somewhat spaced with respect to the attaching portions 2 of the brackets and with respect to the upper side of the window frame to permit of the withdrawal of the shade from the shade roller, the shield together with the said portion 8 of the brackets, constitutes a substantially completely closed casing to house a shade roller and protect the same from the accumulations of dust and the like.

Figure 10 of the drawings illustrates a modification wherein the shield comprises two end sections 15 and an intermediate end section 16, the said intermediate section being provided at its four corners with tongues 17 corresponding to the tongues 14, previously described and engaging the upper and lower margins of the sections 15 so that the three sections may be relatively adjusted to increase the range of adjustment of the shield.

What I claim is:—

1. A window shade protector comprising brackets each including vertical and horizontal arms attached to a window frame, means for securing a shade roller to the vertical arms, said horizontal arms offset to provide pockets, a shield positioned between the brackets and overlying the roller and having the ends thereof closed by the means for securing the roller to the brackets, and means on the shield and received by the pockets for detachably securing the shield to said brackets.

2. A window shade protector comprising brackets each including vertical and horizontal arms attached to a window frame, angularly disposed end plates formed on the vertical arms, means for attaching a shade roller to said plates, a shield having the ends thereof engaging said plates and overlying the roller, and means for detachably connecting the shield to the horizontal arms.

3. A window shade protector comprising brackets each including vertical and horizontal arms attached to a window frame, substantially semi-circular shaped end plates formed on the vertical arms, means for securing a shade roller to said plates, a substantially semi-cylindrical shield engaging the free edges of the end plates and the latter closing the ends of the shield, pockets formed on the horizontal arms, and tongues formed on the shield and received in said pockets.

In testimony whereof I affix my signature.

MRS. MARY McANANEY.