

1,115,257.

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Fig. 7.

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WALTER TROJANOSKI, OF PATCHOGUE, NEW YORK.

SHADE-HANGER.

1,115,257.

Specification of Letters Patent.

Patented Oct. 27, 1914.

Application filed September 25, 1913. Serial No. 791,778.

To all whom it may concern:

Be it known that I, WALTER TROJANOSKI, a citizen of the United States, and a resident of Patchogue, in the county of Suffolk and State of New York, have invented a new and Improved Shade-Hanger, of which the following is a full, clear, and exact description.

My invention has for its object to provide a shade holder having two vertical guide-bars spaced apart, around each of which there is slidably disposed a guide member having a shade bracket, a cord being secured to one of the guide members, the cord passing over a member at the top of the guide bar on which the guide member is mounted and then over a member at the top of the other guide bar, a second cord being secured to the other guide member and passing over a member at the top of the last mentioned guide bar. The ends of these cords pass between clamp members for holding them with the guide members and brackets at pre-determined heights. In the brackets there are recesses for the ends of the shaft of the shade roller and extending from and disposed at right angles to the recesses there are slots for receiving flanges on the ends of the shaft for preventing the longitudinal movement of the shade roller relatively to the brackets.

Other objects of the invention will appear in the following specification in which the preferred form of the invention is disclosed.

In the drawings similar reference characters refer to similar parts in all of the views in which—

Figure 1 is an elevation of a window frame showing how my shade hanger is mounted; Fig. 2 is a sectional view on the line 2—2 of Fig. 1; Fig. 3 is a diagrammatic view showing how the cords for supporting the guide bars are disposed; Fig. 4 is a sectional view on the line 4—4 of Fig. 1; Figs. 5 and 6 are views showing the ends of the shade roller; Fig. 7 is an enlarged sectional view on the line 7—7 of Fig. 1; Fig. 8 is an enlarged fragmentary view showing in perspective a bracket and an end of a shaft roller.

By referring to the drawings it will be seen that two vertical guide bars 5 are provided, one of which is disposed at each side of the window frame 6. The top of the guide bars 5 is held extended from the win-

dow frame 6 by means of the blocks 7 and the bottom of the guide bars 5 is held extended from the window frame 6 by the blocks 8. This leaves the body of the guide bars spaced from the window frame so that the guide members 8 and 9, which are disposed at the outer sides of the guide bars 5, may extend around and embrace the inner sides of the guide bars, thus preventing the lateral movement of the guide members 8 and 9, while permitting them to slide freely vertically on the guide bars 5. A cord 10 is secured to the guide member 8 and is disposed over the members 11 and 12 at the top of the guide bars 5. A cord 13 is secured to the guide member 9 and is disposed over the said member 12, the ends of these cords 10 and 13 extending down through an opening 14 in the guide member 9 and in the rear of a guide bar as will be seen by referring to Fig. 4 of the drawings, the ends of these cords 10 and 13 then passing through a recess 15 in a clamp member 16 secured to the window frame, the cords being engaged by a clamp member 17 fitting in the said recess 15, so that when the clamp member 17 is pressed inward by means of a screw 18 the cords 13 will be held by the clamp members for supporting the guide members 8 and 9 in pre-determined positions. The screw 18 passes through an opening 19 in the clamp member 17 and meshes in a threaded orifice 20 in the clamp member 16. Secured to the guide members 8 and 9 there are brackets 21 having recesses 22 for receiving the ends 23 of the shade roller 24, there being slots 25 in the brackets 21 for receiving the flanges 26 which extend from the ends 23 of the shade roller. By this construction the shaft of the shade roller is prevented from moving longitudinally relatively to the brackets 21. In Fig. 6 of the drawings there is shown an end 23 of the shaft of the shade roller with a flange 26 which is disposed in one of the slots 25. In Fig. 5 of the drawings there is shown an end 27 of the shaft of the shade roller with a flange 25^a which is disposed in the slot in the other bracket 21. Fig. 5 also shows the usual dogs 28 on the shade roller 24 for engaging the tooth 29 secured to the shaft of the shade roller.

I claim—

1. In a shade hanger, two guide bars spaced apart, brackets on the guide bars with recesses for receiving the ends of a

shaft of a shade roller, there being slots in the brackets extending to the recesses for receiving flanges on the ends of the shaft to prevent the longitudinal movement of the shaft relatively to the brackets, and means for moving the brackets on the guide bars.

2. In a shade hanger, a guide bar, a guide member mounted on the guide bar and having an opening in the rear of the guide bar, and means for moving the guide member on the guide bar, the said means extending down in the opening.

3. In a shade hanger, a shade roller having a shaft, two brackets spaced apart and provided with recesses for receiving the

ends of the shaft of the shade roller, there being slots in the brackets extending to the recesses for receiving flanges on the ends of the shaft to prevent the longitudinal movement of the shaft relatively to the brackets, the shaft having ends disposed in the recesses, and flanges on the ends disposed in the slots.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WALTER TROJANOSKI.

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