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E. ROBERTS

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CURTAIN AND SHADE HANGER

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*Fig. 1.*

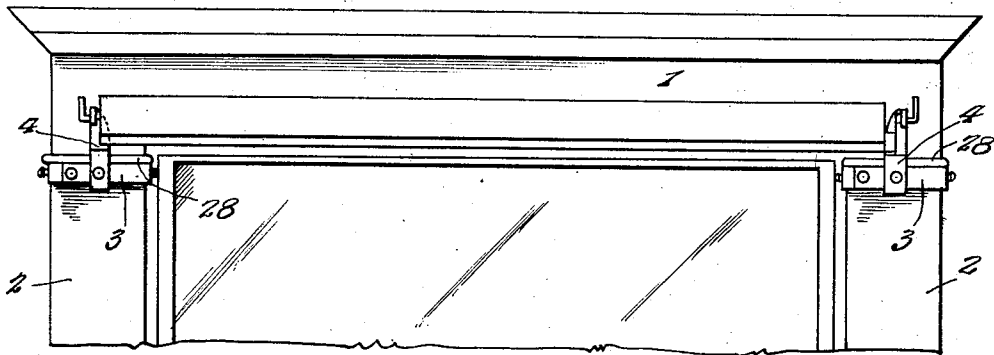


*Fig. 2.*

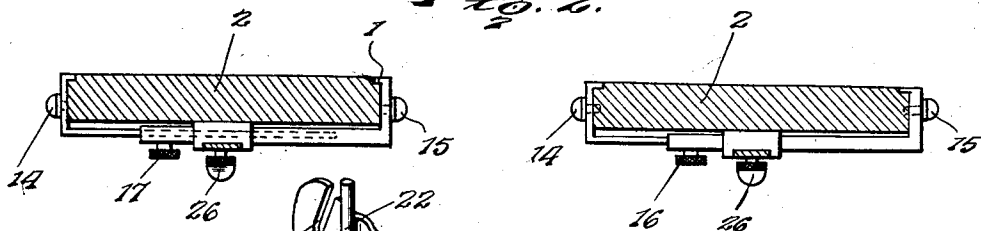


*Fig. 5.*

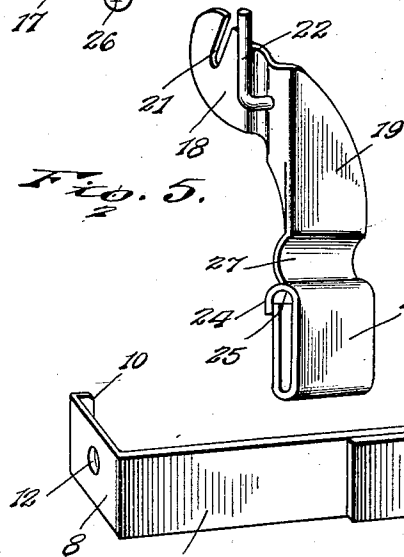


*Fig. 3.*

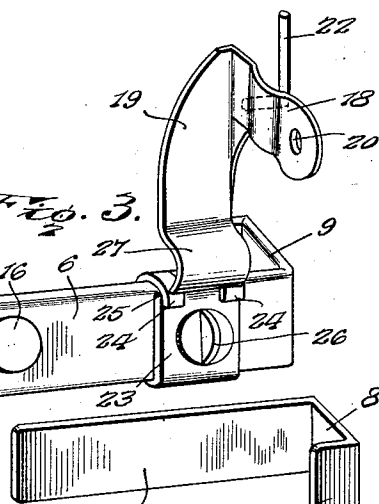
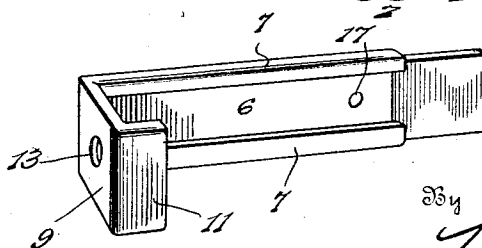


*Fig. 4.*



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## UNITED STATES PATENT OFFICE

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## CURTAIN AND SHADE HANGER

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This invention relates to a combination curtain and shade hanger and one object of the invention is to provide a device of this character which may be easily and quickly applied to a window frame and when in place will be securely mounted and not be liable to accidentally slip out of place or become detached from the window frame.

Another object of the invention is to so form the curtain and shade support that it may be adjusted in order to accommodate itself to the width of a side stile of a window frame to which it is to be applied and also so form the device that it may be applied to a window frame without scarring the frame.

Another object of the invention is to permit a bracket forming part of the device to be adjusted upon a frame engaging clamp so that shade rollers and curtain rods of various lengths may be supported and the bracket then securely but releasably held in an adjusted position.

The invention is illustrated in the accompanying drawings, in which:

Figure 1 is a front elevation showing curtain and shade supports of the improved construction applied to a window frame,

Fig. 2 is a view showing the supports in top plan and the side stiles of the window frame in cross section and illustrating the manner in which the clamps of the supports are engaged with the window frame,

Fig. 3 is an enlarged perspective view of one of the supports,

Fig. 4 is a perspective view showing two sections of the window frame engaging clamp separated, and

Fig. 5 is a perspective view of one of the brackets carried by the clamps.

The improved supports for curtain rods and shade rollers constituting the subject matter of this invention are to be applied to a window frame, such as shown in Fig. 1 and indicated in general by the numeral 1, and when in place are engaged with the side stile 2 of the window frame near the upper ends thereof. The supports will, therefore, be mounted at opposite sides of the window frame in order to support a cur-

tain rod or shade roller in a horizontal position across the upper portion of the window. The supports are substantially of a duplicate construction and each includes a clamp 3 to be secured upon a side stile of the window frame in a horizontal position and a bracket 4 extending upwardly from the clamp and adjustable thereon transversely of the side stile so that the brackets may be disposed in proper spaced relation to each other in order to accommodate themselves to the length of a curtain rod or shade roller.

Each of the clamps consists of companion sections 5 and 6 formed of sheet metal and one section is provided with flanges 7 extending along its upper and lower edges and adapted to engage the other section in order to slidably connect the sections. The outer end portions of the strips from which the two sections are formed are bent to provide jaws 8 and 9 which terminate in inwardly extending tongues 10 and 11 and threaded openings 12 and 13 are formed through the jaws in order to receive set screws 14 and 15. A set screw 16 is engaged through a threaded opening 17 formed in the section 6 and when tightened bears against the section 5 so that the two sections will be firmly but releasably secured in a set position. By inspection of Fig. 2, it will be seen that when the clamp is applied to a side stile of a window frame the tongues 10 and 11 engage the back of the stile and cannot slip out of place after the set screw 16 has been tightened. After this set screw has been tightened the set screws 14 and 15 are tightened so that they bear against the side edge faces of the stile and the clamp will be very firmly held in place and all danger of the clamp sliding downwardly upon the stile eliminated.

The bracket 4 is also formed of sheet metal and consists of a strip having a side extension at one end which is bent to form a forwardly projecting bearing arm 18 at the upper ends of a standard 19. The arm of one bracket is formed with an opening 20 to receive the pivot pin at one end of a curtain roller and the corresponding arm of the other bracket is formed with a slot

21 to receive the key by means of which the spring of the roller is wound. Pins 22 which extend upwardly are secured to the arms of the brackets and serve to engage through eyes formed in ends of a curtain rod in order to support the curtain rod in a horizontal position across the window frame. The lower portion of the strip of metal formation the bracket is formed of is folded rearwardly and upwardly in spaced relation to itself in order to form a flat sleeve or loop 23 at the lower end of the standard and terminate in tongues 24 which are passed forwardly through recesses 25 formed in opposite side portions of the bracket at the lower end of the standard and clinched against the outer face of the front wall of the sleeve, as clearly shown in Figs. 3 and 5. It will thus be seen that the bracket may be slidably engaged upon the clamp and moved longitudinally of the clamp in order to adjust the position of the bracket transversely of the side stile of the window frame and dispose the two brackets in proper spaced relation to each other. A threaded opening is formed in the front wall of the sleeve to receive a thumb screw 26 adapted to bear against the section 6 of the clamp and firmly hold the bracket in an adjusted position. The lower portion of the standard may be bent, as shown at 27, so that the bracket may fit closely about a bead 28 formed across the upper end of the side stile.

When the improved curtain rod and shade roller supports are in use, they are applied to side stiles of a window frame, as shown in Fig. 1, and the clamps are firmly secured to the stiles, as shown in Fig. 2. The brackets 4 are adjusted along the clamps until they are in proper spaced relation to each other for engagement with the pintle and winding key of the shade roller and the thumb screws 26 then tightened. It will thus be seen that the supports may be easily and quickly applied to a window frame and when in place will not be liable to slip out of proper position upon the window frame or accidentally become detached. When it is desired to remove the brackets, it is merely necessary to loosen the set screws 14, 15, and 16 and thumb screw 26 and the device may be very easily removed without marring the window frame.

Having thus described the invention, I claim:

A curtain support comprising a clamp to extend across a side stile of a window frame, means to releasably secure said clamp in a set position upon the stile, a bracket carried by said clamp and consisting of a strip of material having one end portion bent to form a standard and an arm extending forwardly from the upper end of the standard, the other end portion of said strip being

folded upwardly in spaced relation to itself to form a clamp encircling sleeve and terminating in tongues extended through recesses formed in opposite sides of the standard and clinched against the sleeve, and means to releasably secure the bracket in a set position upon the clamp.

In testimony whereof I affix my signature.

EDWARD ROBERTS. [L. s.]