

W. O. SMYTH.
COMBINED SHADE AND CURTAIN HANGER.
APPLICATION FILED JAN. 3, 1912.

1,033,747.

Patented July 23, 1912.

2 SHEETS—SHEET 1.

Fig. 1

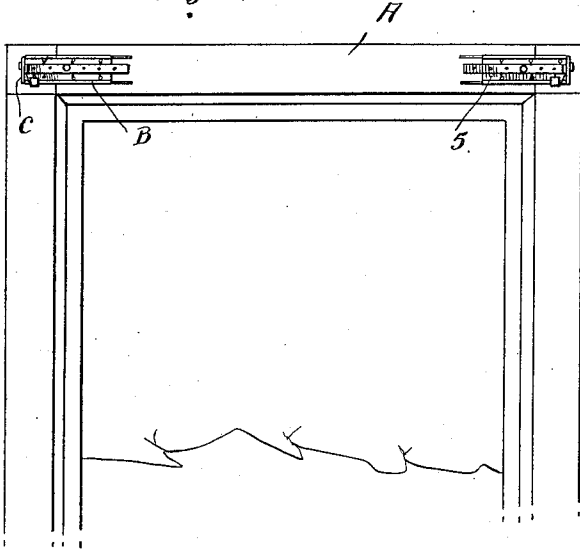


Fig. 2

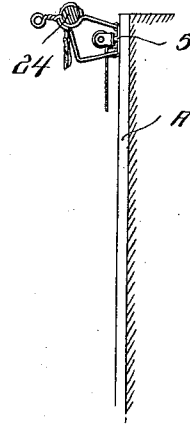
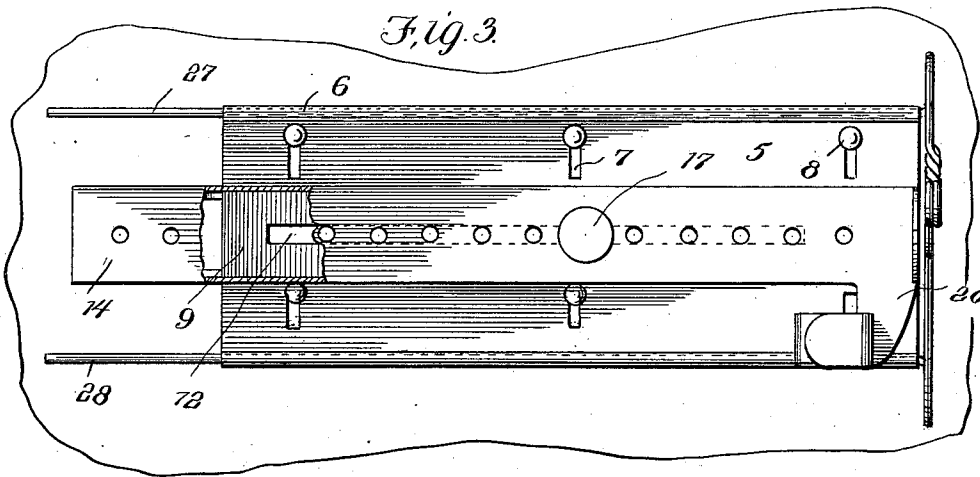


Fig. 3



Inventor

William O. Smyth.

Witnesses
William P. Smith.

John J. McCarthy.

By Victor J. Evans

Attorney

W. O. SMYTH.
 COMBINED SHADE AND CURTAIN HANGER.
 APPLICATION FILED JAN. 3, 1912.

1,033,747.

Patented July 23, 1912.

2 SHEETS-SHEET 2.

Fig. 4.

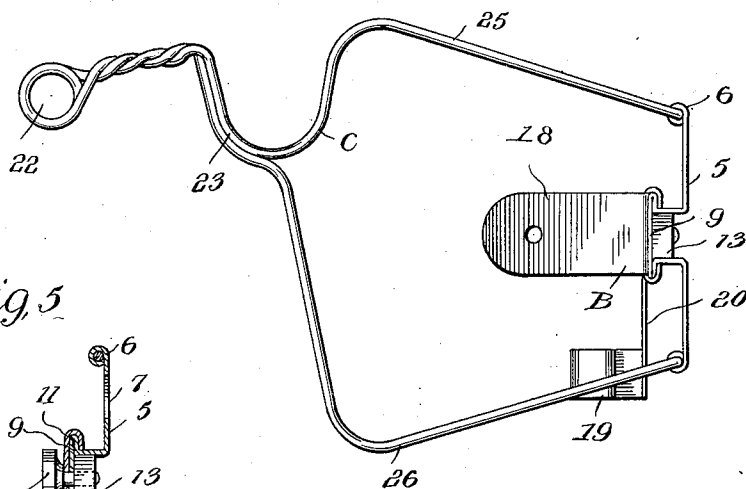


Fig. 5.

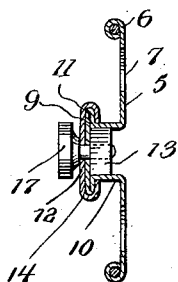


Fig. 6.

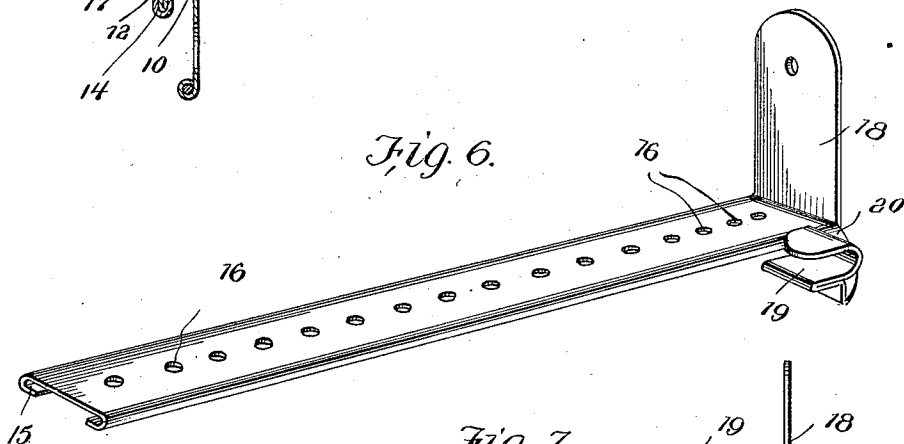
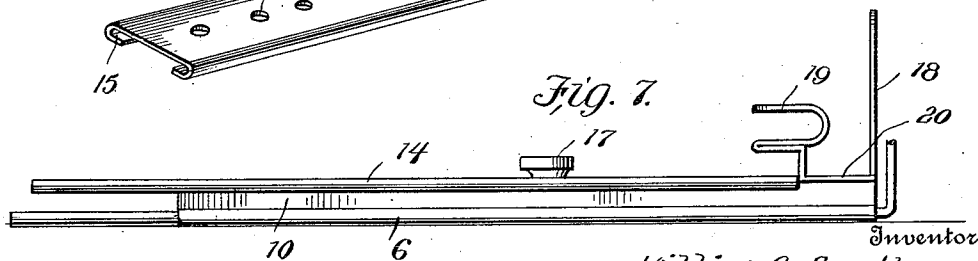


Fig. 7.



William O. Smyth.

Witness:
 William R. Smith.
 John J. McCarthy

By Victor J. Evans
 Attorney

UNITED STATES PATENT OFFICE.

WILLIAM O. SMYTH, OF BRILLIANT, OHIO.

COMBINED SHADE AND CURTAIN HANGER.

1,033,747.

Specification of Letters Patent.

Patented July 23, 1912.

Application filed January 3, 1912. Serial No. 669,182.

To all whom it may concern:

Be it known that I, WILLIAM O. SMYTH, a citizen of the United States of America, residing at Brilliant, in the county of Jefferson and State of Ohio, have invented new and useful Improvements in Combined Shade and Curtain Hangers, of which the following is a specification.

This invention relates to improvements in combined shade and curtain hangers, and has particular application to devices of this character which are designed for use in conjunction with windows.

One object of the present invention is to provide a device of this character which shall be applicable to the frame of a window and adjustable thereon relatively to the height of the window frame whereby to vary the position of the shade roller and the curtain pole relatively to the upper portion of the window frame to control the passage of light therethrough.

Another object of the invention is to provide a device of this character which shall include companion members designed to be secured to the upper portion of the window frame and adjacent each end thereof, each of the members carrying a shade support and a curtain support designed to cooperate with one another whereby to secure the shade and curtain respectively in position upon the window frame.

A further object of the invention is the provision of a device of this character which shall include companion shade supports and curtain supports designed to cooperate with one another to support the shade and curtain respectively, the supports being adjustable relatively to one another whereby to accommodate shade rollers and curtain poles of various sizes, the members being adjustable independently of one another.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter set forth in and falling within the scope of the appended claims.

In the accompanying drawings forming a portion of this specification; Figure 1 is a front elevation of a window frame showing my invention applied thereto. Fig. 2 is a side view of the same, the shade and curtain being shown in position. Fig. 3 is a detail front elevation of one of the hangers applied to the window frame, the latter being

partly broken away. Fig. 4 is an end elevation of one of the hangers detached from the window frame. Fig. 5 is a transverse section through the same. Fig. 6 is a detail perspective view of the shade support, and Fig. 7 is a broken side view of the hanger.

Similar reference characters designate like parts throughout the several views.

Referring more particularly to the accompanying drawings, wherein I have illustrated the preferred embodiment of the invention, the window frame is designated at A and may be of any suitable or preferred construction and material. Secured to the upper portion of the window frame and adjacent each side thereof, are the members B, B, which are identically constructed and designed to cooperate with each other to secure the shade and curtain in position upon the window frame. Each of the members, as shown, includes what may be termed a base plate 5 constructed of metal or any other suitable material, and having its longitudinal edges turned upon themselves to provide guide ways 6, the purpose of which will be described later. Adjacent the guide ways 6 and intermediate the same, the plate 5 has formed therein a plurality of spaced slots 7 arranged upon the opposite sides of the center line of the plate and designed to receive screws 8 to secure the plate to the window frame. By virtue of this construction, the plates may be adjusted vertically of the window frame to vary the distance between the shade roller and curtain pole and the lower edge of the upper portion of the window frame whereby to control the admission of light above the shade and curtain. Medially of its width the plate 5 is provided with what I term a track member 9 preferably of a length equal to the similar dimension of the plate and formed integral therewith. In the formation of the track member 9, the plate 5 is bent laterally intermediate its width to provide spaced projections 10 with which is integrally formed the track member 9, the latter projecting beyond the projections 10 to form longitudinal flanges 11. The track member 9 is provided with a centrally arranged elongated slot 12 beneath which is positioned a nut 13 adapted to travel in the channel formed between the projections 10.

Slidably mounted upon the track member 9 is a shade support 14, constructed prefer-

ably of sheet metal, or any other suitable material, and having its longitudinal edges inturned to provide grooves 15 designed to receive the longitudinal flanges 11 of the track member 9 so as to facilitate the sliding of the shade support 14 upon the track 9. The shade support 14 is provided with a plurality of centrally arranged spaced apertures 16, any one of which is adapted to receive a set screw 17 designed to enter the slot 12 in the track member 9 and threaded to engage the nut 13 below said track member and in the channel between the projections 10. This construction, it will be seen, provides two adjustments for the curtain support upon the track, one of said adjustments being obtained by loosening the set screw 17 and sliding the shade support 14 along the track 9, the nut 13 and the set screw 17 traveling within the channel and elongated slot 12 respectively, to facilitate the adjusting of the shade support. When the set screw 17 reaches the limit of its path of movement in the slot 10, it will be seen that, by removing the set screw the shade support 14 may be moved longitudinally of the track member to register one of the apertures 16 with the nut 13 whereby the second adjustment of the shade support is obtained, the application of the set screw to the nut serving to clamp the parts in their adjusted positions.

The outer ends of each of the shade supports 14 has, preferably formed integral therewith, a bracket 18 designed to receive the trunnions of the shade roller. Immediately adjacent the brackets 18, each of the shade supports 14 is provided with a guide 19 preferably formed integral with the support and depending therefrom as clearly illustrated in the drawings. Each guide 19 is preferably integral with a lug 20 and offset therefrom, the free end of the lug being connected to the support 14. From this construction it will be manifest that the guides 19 serve to insure an even rolling of the shade upon the shade roller within the brackets 18 thereby obviating the uneven rolling of the shade.

The curtain pole supports are designated at C-C and are of identical construction, each being formed of a single length of wire, as illustrated in Fig. 7 of the drawings, coiled upon itself intermediate its ends to form an eye 22. Immediately adjacent the eye, the curtain support is twisted upon itself and bent downwardly to provide a curved bracket 23 designed to receive the curtain pole 24. Immediately succeeding the forming of the bracket 23 the wire is separated to provide spaced arms 25 and 26 which latter are formed integral with adjusting rods 27 and 28 respectively. The adjusting rods 27 and 28 of the curtain supports are preferably of a length greater than

the similar dimension of the guide ways 6 formed at the longitudinal edges of the base plates 5, and are adapted to be inserted therein, the adjusting rods being of sufficient diameters to frictionally engage the guide ways. By means of the adjusting rods, the curtain supports may be moved longitudinally of the base plate within the guide ways 6 to accommodate the curtain supports to curtain poles of various lengths, the frictional engagement between the adjusting rods and guide ways serving to retain the supports in their adjusted positions. From this construction it will be seen that the curtain supports may be adjusted independently of the adjustment of the shade supports thereby permitting shades and curtains of various sizes to be positioned upon the window frame.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

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

1. A combined shade and curtain hanger comprising a base plate having its longitudinal edges formed to provide guide ways, a track member on the plate and extending longitudinally thereof and offset therefrom, a shade support slidably mounted upon the track member and having a plurality of centrally arranged spaced apertures adapted to register with a slot formed in the adjacent track member, a nut below the track member, a set screw adapted to pass through any one of the apertures in the shade support and the slot in the track member and engage said nut, and a curtain pole support mounted within the guide ways at the longitudinal edges of the base and movable longitudinally of such base.

2. A combined shade and curtain pole hanger comprising a base plate having its longitudinal edges formed to provide guide ways, a track member arranged longitudinally of the base plate and connected thereto between the guide ways and provided with a slot, flanges extending longitudinally of the track member, a shade support slidably mounted upon the track member and having its longitudinal edges inturned to engage the flanges of the track member and provided with a plurality of spaced apertures

registering with the slot in the track member, a nut disposed below the track member, a set screw coöperating with the nut and passed through the apertures and slot in
5 said shade support and track member respectively, and a curtain pole support slidably disposed within said guide ways.

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

WILLIAM O. SMYTH.

Witnesses:

ELIZABETH ULLRICH,
KATE POOLE.

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