

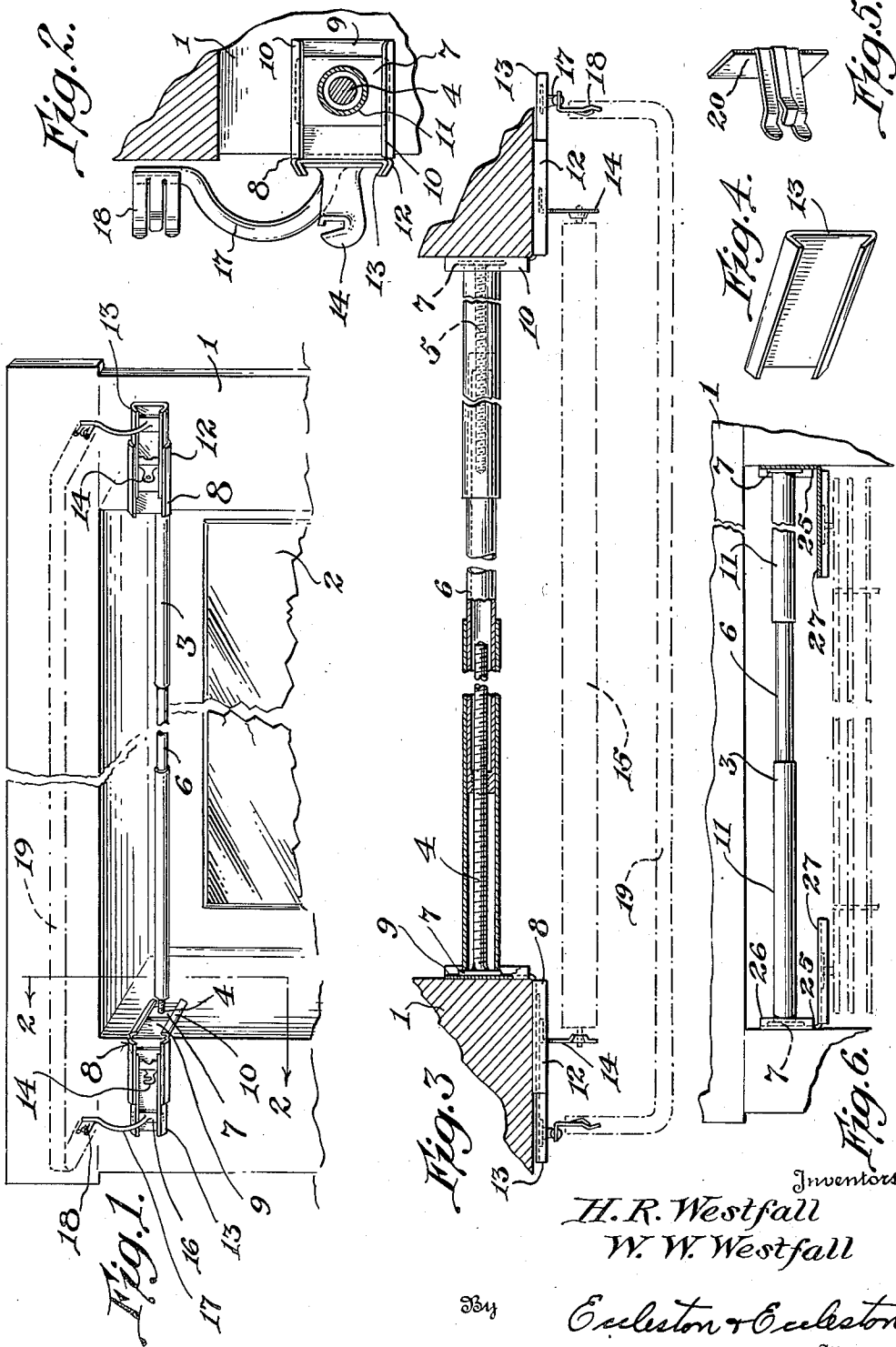
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COMBINED UNITARY CURTAIN AND SHADE SUPPORT

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COMBINED UNITARY CURTAIN AND SHADE
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5 Claims. (Cl. 156—23)

This invention relates to supports for both curtains and shades and has for its primary object to provide a simple and inexpensive construction which may be employed as a unit in supporting

Another object of the invention resides in providing a unitary shade and curtain support which is readily adjustable to suit window frames of various widths.

A further object of the invention consists in providing such a support which may be readily installed by a novice and without in any way mutilating or marring the window frame on which it is installed.

Another object of the invention consists in the provision of a shade and curtain support in which the curtain may be supported on the level with the shade roller or above the same, as desired.

Another object of the invention consists in providing a curtain and shade support which may be readily adapted to support Venetian blinds.

A further object of the invention resides in the provision of a simplified curtain and shade support in which means are provided for concealing the structure of the main supporting bar.

Other objects and advantages of the invention will be apparent from the following description when taken in connection with the accompanying drawing, in which,

Figure 1 is a perspective view of the upper portion of a window frame with the novel curtain and shade support mounted therein.

Figure 2 is a sectional view taken on line 2—2 of Figure 1 and looking in the direction of the arrows.

Figure 3 is a horizontal sectional view through the upper portion of a window frame in which the present combined support is mounted, portions of the main rod being broken away and the curtain and shade rods being indicated in dotted outline.

Figure 4 is a detail perspective view of a dove-tail supporting plate.

Figure 5 is a similar view of one of the clips for supporting a curtain pole, and

Figure 6 is a front elevational view, partly in section, of a slightly modified construction for supporting Venetian blinds.

Referring to the drawing in greater detail, the numeral 1 indicates the conventional window frame provided with the usual window 2. Clamped against the inner faces of the frame 1 adjacent the top thereof is an extensible rod, generally referred to by the numeral 3, which consti-

tutes the means for securing the curtain and shade fixtures in position.

The rod 3 includes right and left hand threaded bolts 4 and 5 and a tube 6 provided with right and left hand threads for cooperation with the bolts 4 and 5. It will thus be seen that by rotation of the tube 6 the rod 3 may be extended or contracted as desired.

Fixed on the outer end of each bolt 4—5 is a plate 7 preferably of rectangular form. Slidably mounted on each plate 7 is a bracket 8 of right-angular form providing inner and outer arms. The inner arm 9 of each bracket is formed with inturned flanges 10 providing a dove-tailed groove in which is slidably received the plate 7 on each end of the rod 3. By rotating the tube 6 in the proper direction it will be understood that the brackets 8 may be clamped against the inner faces of the frame, as indicated in Figure 1. In order to provide a suitable finish for the support and conceal the threads of bolts 4—5 sleeves or tubes 11 are slidably mounted on the tube 6. These tubes may be moved to the right and left as shown in Figure 3 so as to completely envelop the exposed ends of the screw bolts 4—5 particularly where the rod 3 has been considerably extended to fit a relatively wide window frame.

The outer arms 12 of the brackets 8 are adapted to lie against the front faces of the window frame and are also provided with upper and lower inturned flanges to provide horizontally extending dove-tailed grooves. Slidably mounted in each of the arms 12 of the brackets 8 is a channel member 13. Within each channel member 13 is adjustably mounted a shade fixture 14 of usual construction for receiving the ends of the conventional shade roller indicated at 15 in Figure 3. Also adjustably mounted in each of the channel members 13 is a plate 16 provided with an upward extension 17 on which is supported a fixture 18 for receiving and supporting an end of a conventional curtain pole 19 shown in dotted lines in Figures 1 and 3.

By employing the upwardly extending arms 17 for the curtain fixtures 18 it will be apparent that the curtain may be supported from a plane slightly above the plane of support for the shade roller 15. However, if it is desired to support both the curtains and the shade from the same plane then an ordinary curtain fixture 20 such as indicated in Figure 5 may be substituted for the fixture 17—18 shown in Figures 1, 2 and 3.

From the structure as thus far described it will be noted that a substantially unitary device is

provided for supporting both curtains and shades, that it is adjustable to various widths of window frames without the use of special tools or workmanship, that it can be mounted without mutilation of the window frame, and that even when mounted in place it is also adjustable to suit different lengths of shade rollers and curtain poles by adjusting the positions of the channel members 13.

10 The present invention also contemplates a support for Venetian blinds which may be installed in substantially the same way as the curtain and shade support previously described. Such a construction is shown in Figure 6 and includes the identical rod 3 shown in Figures 1, 2 and 3. However, in lieu of the supporting brackets 8 we have provided slightly different brackets 25. These brackets are of right-angular construction and have one arm 26 provided with a dove-tailed groove for reception of the plates 7 on the ends of the extensible rod 3. The other arms of the right-angular brackets however, instead of extending in a vertical plane and lying against the front face of the window frame are directed inwardly toward each other and lie in a horizontal plane. These arms of the brackets 25 are indicated by the numeral 27 and are each provided with a dove-tailed groove on its under side for reception of a plate fixed to the top of the Venetian blinds adjacent the sides thereof. It is thus apparent that the Venetian blinds may be easily installed by connecting them to the rod 3 in the manner indicated and then expanding the rod so as to firmly clamp the brackets 25 against the inner faces of the frame.

35 In accordance with the patent statutes we have described what we now believe to be the preferred form of the invention but inasmuch as various minor changes may be made in the details of construction without departing from the spirit of the invention it is intended that all such changes be included within the scope of the appended claims.

What is claimed is:

1. A combined window curtain and shade support including an extensible rod, plates fixed to the ends of the rod, a right-angular bracket for each end of the rod, a dove-tailed groove formed on one arm of each bracket and adapted to receive the plate on the rod, the other arm of each bracket provided with means for supporting window curtains and shades.

2. A combined window curtain and shade support including an extensible rod, plates fixed to the ends of the rod, a right-angular bracket for each end of the rod, a dove-tailed groove formed on each arm of each bracket, one arm of each bracket adapted to receive the plate on the rod, and the other end of each bracket adapted to receive curtain and shade fixtures.

3. A combined window curtain and shade support including an extensible rod, plates fixed to the ends of the rod, a right-angular bracket for each end of the rod, a dove-tailed groove formed on each arm of each bracket, one arm of each bracket adapted to receive the plate on the rod, and a channel plate adapted to be mounted in the other arm of each bracket.

4. A combined window curtain and shade support including an extensible rod, plates fixed to the ends of the rod, a right-angular bracket for each end of the rod, a dove-tailed groove formed on each arm of each bracket, one arm of each bracket adapted to receive the plate on the rod, a shade roller fixture mounted in the other arm of each bracket, and an upwardly-extending curtain rod support mounted adjacent each shade roller fixture.

5. A window shade support including an extensible rod, plates fixed to the ends of the rod, a right-angular bracket for each end of the rod, a dove-tailed groove formed on each arm of each bracket, one arm of each bracket adapted to receive the plate on the end of the rod, and the other arm of each bracket adapted to receive a window shade fixture.

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