March 13, 1928.

1,662,049

C. E. ABEL

CURTAIN AND DRAPERY HANGER

Filed Dec. 8, 1925

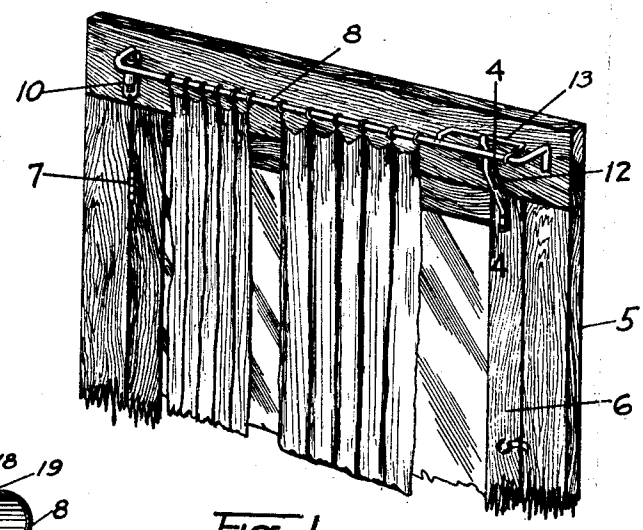


Fig. 1

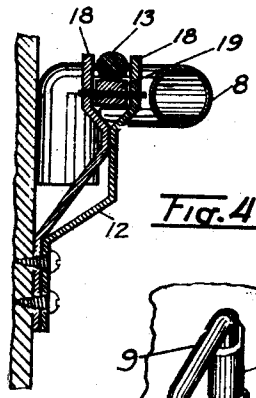


Fig. 4

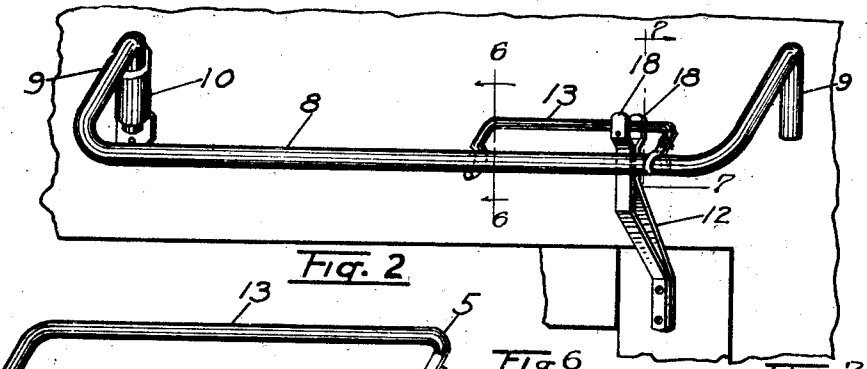


Fig. 2

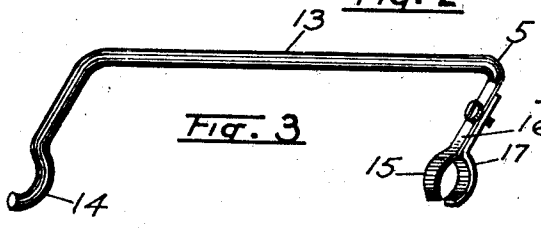


Fig. 3

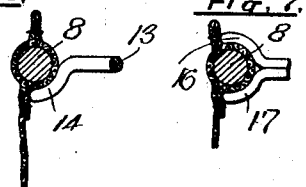


Fig 6.

Fig. 7.

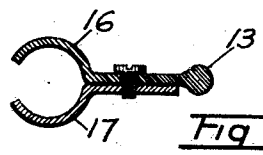


Fig 5

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Patented Mar. 13, 1928. 1,662,049

UNITED STATES PATENT OFFICE.

CLARENCE E. ABEL, OF DENVER, COLORADO, ASSIGNOR OF ONE-HALF TO JOSEPH L. FRANK, OF LOS ANGELES, CALIFORNIA.

CURTAIN AND DRAPERY HANGER.

Application filed December 8, 1925. Serial No. 74,046.

My invention relates to curtain and drapery hangers, and its principal object resides in providing a simple and thoroughly practical device applicable to casement windows and French doors, for the purpose of causing curtains suspended in front thereof to move with the door or window when the latter is opened or closed.

The distinctive features of the present invention over other devices heretofore designed or employed for a similar purpose reside principally in that it permits of the use of standard rods which may be made in any length to correspond with the width of the door or window opening, by the artisans employed to hang the curtains.

With this end in view, the invention comprises a simple attachment readily applied to an ordinary curtain rod. Further advantages of the invention are, that it does not alter the appearance of the curtain or drapery nor interfere with hanging the same in any desired position before a door or window, that it permits of using the rod from which the curtains are suspended in the ordinary manner and without the attachment should its service not be required, and in that it allows of applying the attachment to windows and doors opening from either side, without alteration or intricate adjustment.

An embodiment of the invention has been illustrated in the accompanying drawings, in the several views of which like parts are similarly designated, and in which

Figure 1 represents a perspective view of the upper portion of a casement window showing the application of the invention in operative relation thereto,

Figure 2, a perspective view of the curtain-rod and the attachments included in the invention,

Figure 3, a perspective view of the guide-rod attached to the curtain-rod in accordance with the invention,

Figure 4, an enlarged vertical section along the line 4—4 in Figure 1,

Figure 5, an enlarged section longitudinally of the clamp-member of the guide-rod attachment, taken on the line 5—5 in Figure 3, and

Figures 6 and 7 sections taken along the lines 6—6 and 7—7 respectively of Figure 2, showing a curtain in place on the curtain rod.

Referring to the drawings by numerical reference characters, 5 designates the frame of a casement window or French door, and 6, a window or door fitted in the frame to swing about hinges 7 at one side thereof.

The curtain hanger comprises a rod 8 having its ends 9 bent in hook-shaped form for its application parallel to and at a distance from the upper horizontal part of the window-frame. A bracket 10 of the type commonly known in the trade as a "Dutch bracket", supports the rod at one side of the window so that with the opposite end of the rod engaging the casing, the rod will extend in substantially parallel relation to the surface thereof. The bracket 10, above referred to, consists of an upright socket on a plate fastened to the window frame by means of screws, and the extremity of the hook-shaped end of the rod extending into the socket, permits of the rod moving with the window when it is opened or closed.

In order to support the free end of the rod, I provide a bracket 12 secured to the door or window, and a guide-rod 13 which is fastened to the curtain rod in parallel relation thereto.

The guide which is of U-shaped form, is curved at its ends to provide jaws 14 and 15 which partially embrace the curtain rod at opposite sides thereof, and a movable jaw 16 of similar form adjustably fastened at one end of the guide by means of a screw-bolt 17, cooperates with the stationary jaw 16 at said end to clamp the guide-rod in place on the curtain rod.

The bracket 12 fastened to the window near its edge opposite to that at which it is hinged on the frame 5, has, between upwardly extending fingers 18 at its upper end, an antifriction roller 19 upon which the guide-rod is supported for lengthwise relative motion.

In the use of the invention the curtain is suspended from the rod by means of rings or shirring as is usual, and when the window is opened the bracket 12 supporting the guide-rod 13, causes the curtain rod 8 to move with the window by pivotal movement in the bracket 10 on the window-frame. When the window is subsequently closed, the parts of the hanger are automatically returned to their original position, and it will thus be apparent that the persence of the curtain does in no way interfere with the movements of the window while the curtain

is suspended in front thereof in the usual manner.

It will be observed that the curtain rod may be made of standard material in any desired size and that the only parts to be supplied are the guide and perhaps the window-bracket, although the latter differs but little in construction from brackets of the same type usually carried in stock by drapers and curtain hangers. The Dutch bracket is of the kind universally used for the support of curtain rods.

The guide-member may be placed in any position relative to the curtain rod, either above the same or between the rod and window as may be most desirable, and in case the window is constructed to open from the opposite side, the guide-rod and its bracket may be applied at the other end of the curtain-rod without any changes in the construction or relative arrangement thereof.

With my invention, the hem of a curtain may be placed on the rod and on the bent end portions thereof, as is the current style, without interfering with the operation above described, by fastening the guide rod on the curtain rod over the material of the curtain.

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

1. A curtain and drapery hanger of the character described, comprising a pivoted curtain-rod, a guide-rod having a jaw engaging the curtain-rod, a clamp-member cooperating with the jaw to fasten the guide-rod on the curtain-rod whereby the hem of a curtain may be supported along the rod at points on both sides of the clamp, and a bracket adapted for attachment to a swinging element, in guiding relation to the guide-rod.

2. A hanger of the character described comprising a curtain rod adapted to be pivoted on a casement, a guide rod having at its ends jaws partially embracing the curtain rod, a clamp cooperating with one of the jaws to secure the guide rod to the curtain rod, and a bracket adapted for attachment to a door or swinging window in the casement, to support the guide rod.

3. A hanger of the character described comprising a pivoted curtain rod, a U-shaped guide rod having two jaw members engaging the rod, a clamping member cooperating with one of the jaw members, and a bracket adapted for attachment to a swinging element to support the guide rod.

In testimony whereof, I have affixed my signature.

CLARENCE E. ABEL.