Oct. 10, 1939. W. BERGH 2,175,501

CURTAIN-ROD SUPPORT

Filed Dec. 7, 1938

Fig. 1.

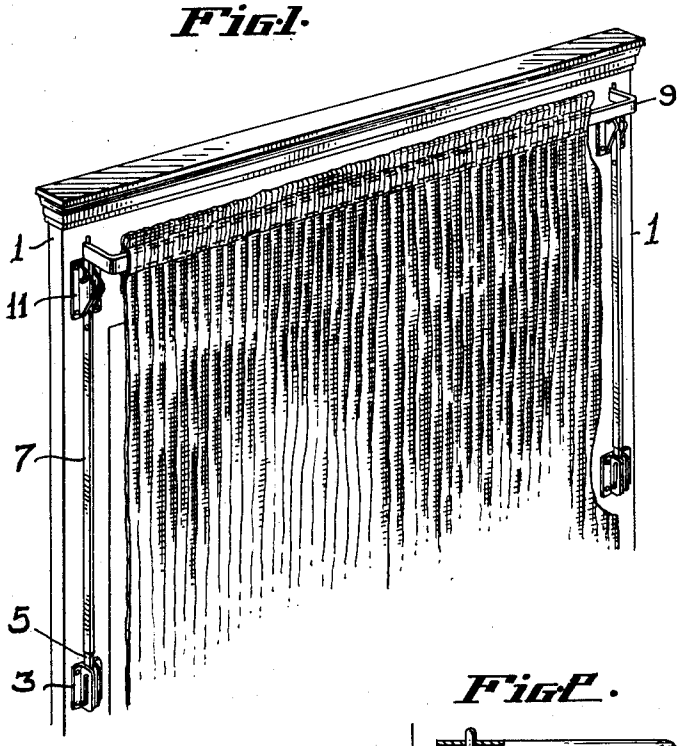


Fig. 2.

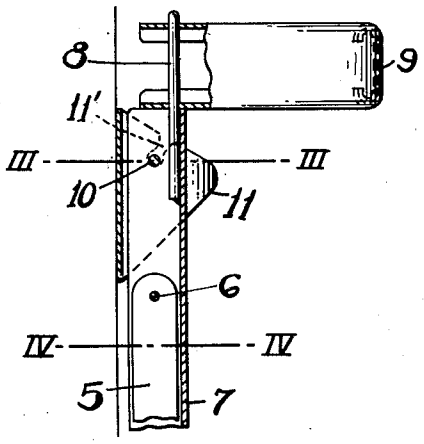


Fig. 3.

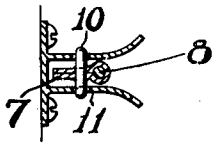


Fig. 4.

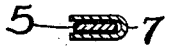


Fig. 6.

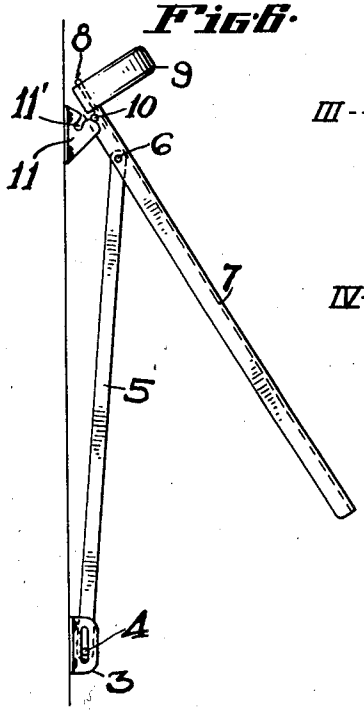
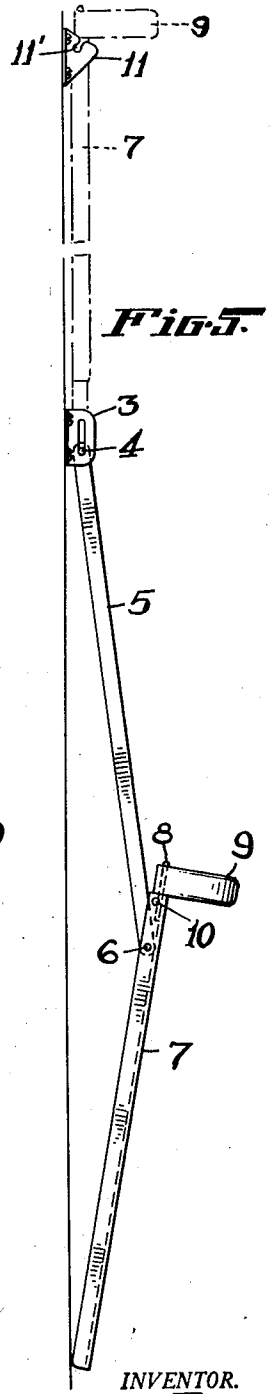


Fig. 5.



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CURTAIN-ROD SUPPORT

William Bergh, San Francisco, Calif.

Application December 7, 1938, Serial No. 244,442

3 Claims. (Cl. 156—23)

This invention relates to improvements in curtain rod hangers, and more particularly to a curtain rod hanger or support of the kind adapted to lower the rod to a position whereby a curtain can be conveniently placed on or removed from the rod.

An object of my invention is to provide an improved curtain rod hanger or support which is adapted to be conveniently swung down into such a position that a person standing on the floor may place a curtain on the rod, after which the hanger and rod with the curtain thereon may be swung upwardly to their normal positions.

Other and further objects of my invention will be pointed out hereinafter, indicated in the appended claims, or will be obvious to one skilled in the art upon an understanding of the present disclosure. For the purpose of this application I have elected to show herein certain forms and details of a curtain rod or support representative of my invention; it is to be understood, however, that the embodiment of my invention herein shown and described is for the purpose of illustration only, and that therefore it is not to be regarded as exhaustive of the variations of the invention, nor is it to be given an interpretation such as might have the effect of limiting the claims, short of the true and most comprehensive scope of the invention in the art.

In the accompanying drawing:

Fig. 1 is a perspective view of a window casing showing my improved curtain rod hanger or support applied thereto and in its normal elevated curtain-supporting position;

Fig. 2 is a side elevation of a fragmentary part of the device, showing a part thereof broken away and in vertical cross-section;

Fig. 3 is a sectional view taken on the line 3—3 of Fig. 2;

Fig. 4 is a sectional view taken on the line 4—4 of Fig. 2;

Fig. 5 is a side elevation of my improved hanger, showing the same in a lowered position; and

Fig. 6 is a side elevation of the device, showing the same in the position it would assume just prior to its being lowered.

Referring to the drawing, the numeral 1 designates a window casing, at the opposite sides of which is a curtain rod hanger on which a curtain rod 9 is supported. The two hangers are lowered and raised as a unit and are identical in construction, so a description of one will suffice for both. Secured, as by screws to the sides of the window casing at a predetermined distance from the top thereof is a duplex slotted bracket 3, within the vertical slot of which is positioned a slidable pin 4, the said pin being rigidly affixed to the lower end of a radius rod 5. The pin and slot arrangement permits the rod to be shifted upwardly as well as moved downwardly about the said pin as a pivot. Pivotally secured as at 6 to the upper end of the rod 5 is an arm 7 which has a longitudinal slot within which the rod 5 is adapted to fit when the hanger is in a set up or raised position. The pivotal point 6 at which the arm 7 is secured to the rod 5 is preferably slightly beneath the upper end of the said arm. Secured as by welding to the upper end of the arm 7 is an upwardly projecting member 8 which is adapted to removably extend into a hole provided in an end of a curtain rod 9. The curtain rod 9 being detachably mounted at the top ends of the two arms 7, extends across the upper side of the window casing 1 and normally supports a window curtain in its customary suspended position. Secured to the upper end of the arm 7 is a projecting pin 10 which is adapted to enter and become lodged in a slot 11' provided in the upper side of an upper duplex bracket 11. The duplex bracket 11 is secured to the sides of the window casing 1 at a height just below the point where it is desired to have the curtain rod 9 extend. The two upper brackets 11, when the pins 10 of the arms 7 are lodged in their slots 11', serve to support the curtain rod 9 in a horizontal position. So as to facilitate the engagement of the pins 10 with their respective upper brackets 11, the two outwardly disposed members of each bracket are curved away from each other sufficiently to permit the convenient insertion therebetween of the upper end of its associated arm 7.

To lower the curtain rod 9 to a position within easy reach of a person standing on the floor near the window casing, it is first necessary to manually raise the arms 7 sufficiently to disengage the pins 10 from the slots 11' of the upper brackets 11. After the disengagement of the pins 10 from the brackets 11 the arms 7 are pulled outwardly (Fig. 6) and then downwardly to positions where the lower ends of the said arms engage with the window casing 1, as shown in Fig. 5. It will be seen that from the normal raised position of the hanger as indicated by the dotted lines in Fig. 5, and by the downward extension of the hinged parts thereof, the curtain rod 9 may be lowered to points well below the lower brackets 3. The curtain rod 9 may be detached from the upwardly projecting members 8 to permit the draping of a curtain thereon, after which the curtain rod upon again being mounted at the upper ends

of the arms 7, may be raised to its normal position at the upper side of the window casing 1.

Having described my invention, what I claim is:

1. In a curtain rod support, a pair of upper supporting brackets normally secured at opposite sides of a window casing near the top of the latter, a pair of lower brackets secured to the window casing at predetermined points substantially beneath the upper brackets, a pair of radius rods shiftably and pivotally secured at their lower ends to the lower brackets, a pair of arms pivotally secured to the upper ends of the radius rods, projecting members on the upper ends of the arms for detachably engaging with the upper brackets whereby the said arms may be releasably supported in raised positions by the upper brackets, and a curtain rod mounted at the upper ends of the said arms.

2. In a curtain rod support, a pair of vertically slotted lower brackets secured to opposite sides of a window casing at points substantially below the latter's upper side, a pair of upper brackets secured to the window casing at points near the top thereof, the said upper brackets having slots in their upper sides, a pair of radius rods having projecting members at their lower ends which slidably extend into the slots of the lower brackets, the said radius rods being adapted to be shifted upwardly and also moved pivotally without becoming detached from the lower brackets, a pair of arms pivotally secured near their upper ends to the upper ends of the radius rods, means carried by the upper ends of the arms for entering the slots of the upper brackets and engaging with the latter to releasably support the said arms on the said upper brackets, and a curtain rod mounted at the upper ends of the said arms.

3. In a curtain rod support, a pair of vertically slotted lower brackets secured to opposite sides of a window casing at points substantially below the latter's upper end, a pair of upper slotted brackets secured to the window casing at points near the top thereof, a pair of radius rods having projecting members at their lower ends which slidably extend into the slots of the lower brackets, the said radius rods being adapted to be shifted upwardly and also be moved outwardly and downwardly about the projecting members as pivots without becoming detached from the lower brackets, a pair of arms pivotally secured near their upper ends to the upper ends of the radius rods, the said arms having longitudinal open slots within which the radius rods are adapted to be positioned when the said rods and the said arms are folded together, means carried by the upper ends of the arms for detachably supporting the said arms from the upper brackets, and a curtain rod secured to the upper ends of the arms, the arms and the radius rods being adapted to be shifted upwardly to disengage the upper ends of the arms from the upper brackets, whereby the arms and radius rods may be swung downwardly to a downwardly extended position with the curtain rod positioned well below the lower brackets.

WILLIAM BERGH.