Aug. 30, 1949. P. F. BERGMAN ET AL 2,480,438

ADJUSTABLE SUPPORT FOR CURTAIN-POLE HOLDERS ETC

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Fig. 1.

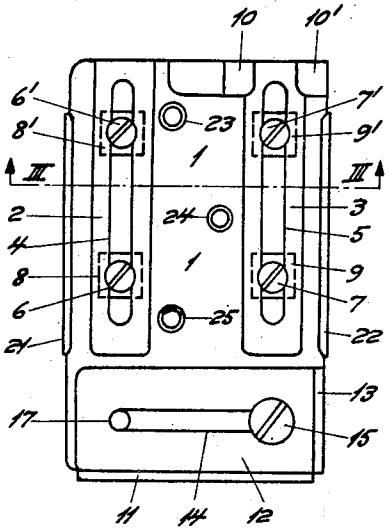


Fig. 2.

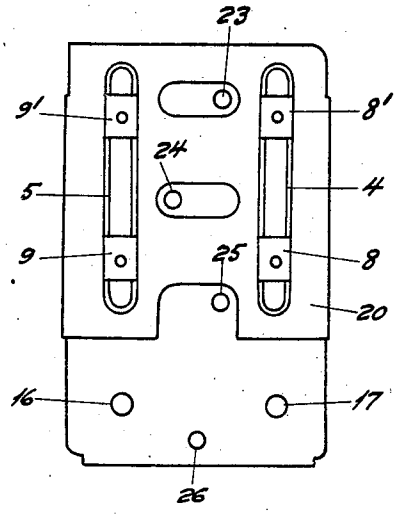


Fig. 3.

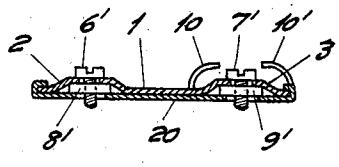
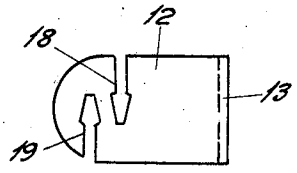


Fig. 4.



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ADJUSTABLE SUPPORT FOR CURTAIN-POLE HOLDERS, ETC.

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4 Claims. (Cl. 248—257)

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The present invention relates to adjustable supports for holders for curtain- and drapery-poles, cornices, shade-rollers etc.

The object of the invention is to provide a support of this kind of small size and neat appearance and capable of being used in connection with practically all types of holders on the market so that once the support has been fastened to the wall or wood-work surrounding a window or door opening it may permanently remain in its place and need not be removed or replaced by another support if it is desired to change the type of holders used. This feature is of considerable importance for instance in apartment houses where successive tenants usually have holders of different types necessitating the making of new holes for the fastening screws or nails whereby the wall or wood-work is mutilated.

For the explanation of the invention reference is had to the accompanying drawing which shows a preferred form of the new support, and wherein:

Fig. 1 is a front end elevation of the support.

Fig. 2 is a rear end elevation of the same.

Fig. 3 is a cross-sectional view on line III—III of Fig. 1, and

Fig. 4 is a side elevation of a shade-roller bracket which may be used in connection with the support.

The support shown which is the left hand support of a pair of such supports comprises a base plate 1 of rectangular shape in which two substantially parallel and vertical channels 2 and 3 are depressed from the rear side of the plate. In each of said channels a longitudinal slot 4 and 5, respectively, is provided through which two screws 6, 6' and 7, 7', respectively, extend. The screws are carried by square nuts 8, 8' and 9, 9', respectively, which are slidably mounted in the channel-shaped depressions 2 and 3 but are prevented from turning therein.

The screws 6, 6' may be used for instance for securing a curtain- or drapery-pole holder to the support 1 and the screws 7, 7' may be used in a similar manner for securing a cornice holder. Such holders are generally provided with two or four perforations for fastening the same to the wood-work by means of screws or nails, and by adjusting the distance between the screws in each of the pairs 6, 6' and 7, 7' on the support this distance may be made to correspond to the distance between two of the aforesaid perforations in the holders whereby holders of almost every type may be firmly secured to the support 1. Furthermore, the holders may be individually

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adjusted in vertical direction before the screws 6, 6' and 7, 7' are tightened.

For securing a cornice holder in the shape of a bracket of the type having a single perforation at the outer end of each leg two lugs 10, 10' are cut out from the plate 1 at the upper end of the right hand channel 3 and these lugs are bent upwardly and inwardly towards each other as shown in Fig. 3, so as to form a guide for one leg of the bracket which after having been inserted into the guide is secured to the support by means of one of the screws 7, 7' by passing this screw through the single perforation at the lower end of the leg and then tightening the same.

The channel-shaped depressions 2 and 3 are of such length as to end at some distance from the lower edge of the base plate 1 which is bent up, as shown at 11, to serve as a guide for a transversely slidable shade-roller bracket 12, 13, on leg 12 of which has a longitudinal slot 14 through which a screw 15 extends which may be inserted into either one of two threaded perforations 16 and 17 provided in the base plate 1 adjacent the opposite vertical edges of the same and at a distance from each other which corresponds to the length of the slot 14. Thus, from the position shown in Fig. 1 the shade-roller bracket may be moved to the right a distance equal to the length of the slot 14, and by inserting the screw 15 into the other threaded perforation 17 the bracket may be moved an equal distance to the left. By reversing the bracket so that the projecting leg 13 thereof will be at the left hand of the screw 15 further adjustment is possible for accommodating shade-rollers of greatly varying lengths.

As shown in Fig. 4 the projecting leg 13 of the shade-roller bracket is provided with two slots 18 and 19 extending inwardly from opposite edges of the same and serving to support the square shade-roller spindle in the above-mentioned different positions of the bracket.

From the position shown in Fig. 1 the shade-roller bracket may also be turned about an axis parallel to the leg 12 so that the other leg 13 will project into the window opening adjacent which the support 1 is fastened.

If the support 1 is secured to a wall or wood-work presenting an uneven surface or profile the nuts 8, 8' and 9, 9' are liable to take an inclined position in the channels 2 and 3 when the screws 6, 6' and 7, 7' are removed whereby the re-insertion of the screws is rendered difficult. To prevent this the support 1 may be provided on its rear side with a plate 20 which is secured to the support by having opposite edges bent around

the corresponding edges of the support 1, as shown at 21 and 22, this plate 20 being adapted to cover wholly or in part the channel-shaped depressions 2 and 3 so as to keep the nuts 8, 8' and 9, 9' therein in correct position.

Reference numerals 23, 24, 25 and 26 designate perforations in the base plate 1 for fastening the same to the wall or wood-work by means of screws or nails.

Different changes in the details of construction may be resorted to without departing from the scope of the appended claims. Thus, instead of having the nuts 8, 8' and 9, 9' slidably mounted in the channel-shaped depressions 2 and 3 the screws 6, 6' and 7, 7' may be provided with square heads adapted to slide in the said depressions, the nuts being mounted on the projecting ends of said screws. Furthermore, instead of having both screws 6, 6' or 7, 7' slidably mounted it may be sufficient in some cases to have only one screw in each pair slidable while the other is fixedly supported by the base plate 1. This latter arrangement does not permit of individual vertical adjustment of the holders, however.

What we claim is:

1. A support of the character described, comprising a base plate provided with two substantially parallel channel-shaped depressions each having a longitudinal slot, a pair of nuts slidably mounted in each depression, a screw carried by each nut and extending through the corresponding slot, each pair of screws forming an adjustable fixture for a perforated holder to be secured to the base plate, and a cover member secured to the base plate and adapted to cover the channel-shaped depressions so as to guide the nuts and prevent the same from assuming an inclined position therein when the screws are removed.

2. A support of the character described, comprising a base plate provided with two substantially parallel and vertical channel-shaped depressions each having a longitudinal slot, a pair of screws provided with nuts slidably mounted in each depression and extending through the corresponding slot, each pair of screws forming an adjustable fixture for a perforated holder to be secured to the base plate, and two lugs provided at the upper end of one of said channel-shaped depressions and bent so as to form a guide for the leg of a bracket to be secured to the base plate by means of a single screw.

3. A support of the character described, comprising a base plate provided with two substantially parallel and vertical channel-shaped depressions each having a longitudinal slot, a pair of nuts slidably mounted in each depression, a screw carried by each nut and extending through the corresponding slot, each pair of the screws forming an adjustable fixture for a perforated holder to be secured to the base plate, a pair of lugs provided at the upper end of one of said channel-shaped depressions and bent so as to form a guide for one leg of a bracket to be secured to the base plate by means of a single screw, a cover member secured to the base plate and adapted to cover the channel-shaped depressions so as to guide the nuts and prevent the same from assuming an inclined position therein, the base plate being extended downwards from the lower ends of said channel-shaped depressions and having its lower edge bent up so as to form a guide for a transversely slidable slotted shade-roller bracket, and a screw for securing said shade-roller bracket to the base plate.

4. A support according to claim 3, wherein two threaded perforations are provided in the base plate for the screw serving to secure the shade-roller bracket, said threaded perforations being located at a distance from each other which is substantially equal to the length of the slot of said bracket.

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