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DRAPE HANGER AND CURTAIN ROD SUPPORTING DEVICE

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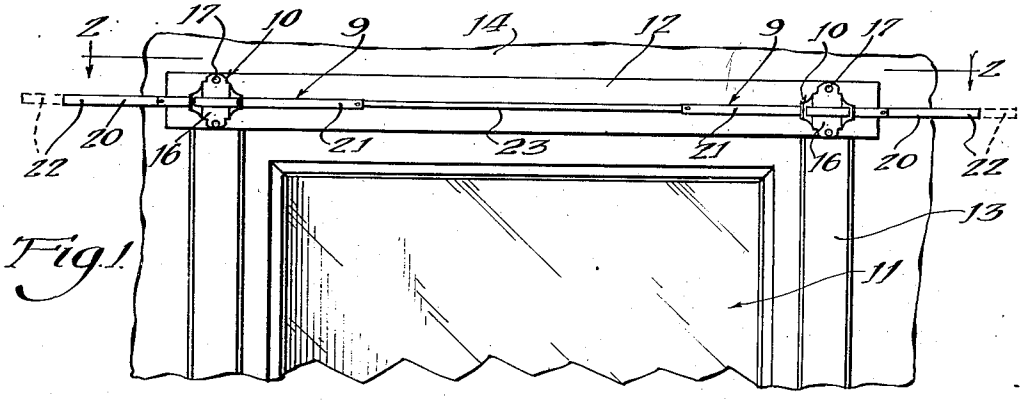
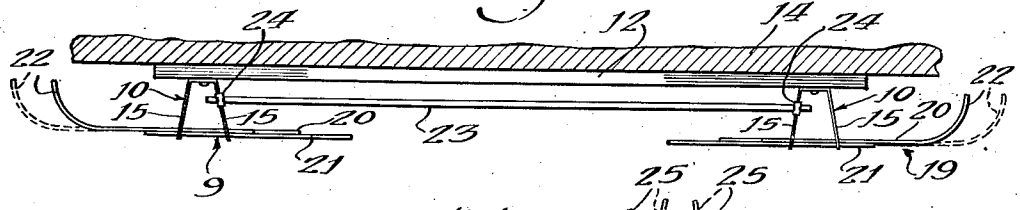


Fig. 1.

Fig. 2.



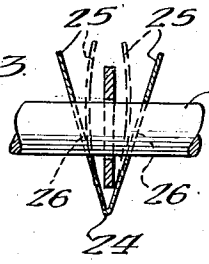


Fig. 3.

Fig. 4.

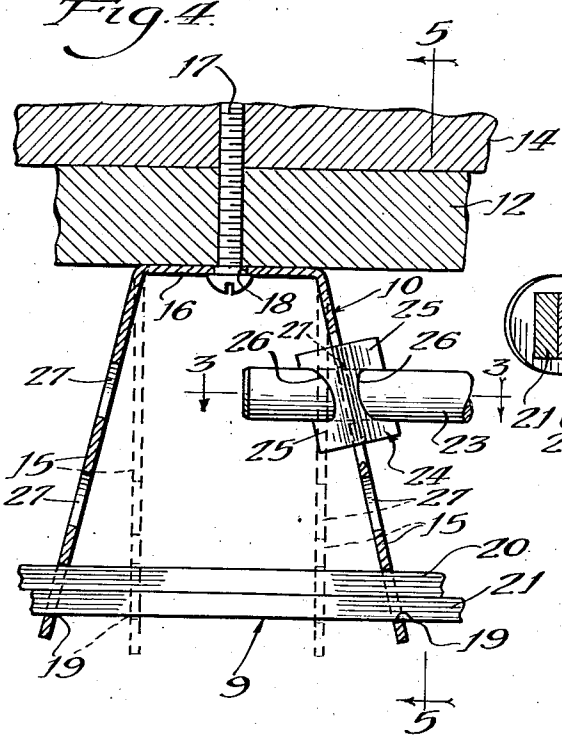


Fig. 5.

Inventor:
Carl Dodegge
By Wallace and Cannon
Attorneys

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DRAPE HANGER AND CURTAIN ROD SUPPORTING DEVICE

Carl Dodegge, Maywood, Ill.

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6 Claims. (Cl. 211—105.3)

This invention relates to a drape hanger and curtain rod-supporting unit for hanging drapes, curtains, and like fabric window ornaments in association with a window opening.

An object of the present invention is to provide a novel device for hanging drapes or like fabric window ornaments, and by means of which the position of the drapes, or like fabric window ornaments, relative to the window opening may be adjusted or varied laterally so as to create the impression or illusion that the window opening is substantially wider or larger than it actually is.

Another object of the invention is to provide a novel device for supporting or hanging drapes or the like in a window opening and which device is simple and inexpensive in construction and readily adjustable so as to hang the drapes or like fabric window ornaments in the desired position relative to and at the vertical side edges of the window opening.

Another object of the present invention is to provide in each of the new units in the invention a novel device for supporting a curtain rod and for clamping the same in position of use.

An additional object of the invention is to provide a novel device for clamping the curtain supporting rod relative to each of the drape hanger brackets which are embodied in the invention.

Other and further objects of the present invention will be apparent from the following description and claims and are illustrated in the accompanying drawing which, by way of illustration, shows preferred embodiments of the invention and the principles thereof and what I now consider to be the best mode in which I have contemplated applying those principles. Other embodiments of the invention embodying the same or equivalent principles may be used and structural changes may be made as desired by those skilled in the art without departing from the present invention and the purview of the appended claims.

Fig. 1 is a fragmentary front elevational view of a window opening showing a preferred form of the new drape hanger and curtain rod-supporting unit associated therewith;

Fig. 2 is a sectional plan view illustrating the new drape hanger and curtain rod-supporting unit shown in Fig. 1 in position of use;

Fig. 3 is a fragmentary detail plan view illustrating a clamping device embodied in the present invention for clamping the curtain rod embodied therein in position of use;

Fig. 4 is an enlarged sectional plan view, partly in section, illustrating a preferred form of one of the new adjustable clamping units for the drape-supporting bars which are embodied in the invention; and

Fig. 5 is an enlarged detail view, partly in section and partly in elevation, of the device shown in Fig. 4.

A preferred embodiment of the invention is shown in the drawing, and comprises a pair of similar drape hanger and curtain rod-supporting units 9 which may be suitably mounted in association with and at opposite sides of a window opening as by being mounted upon a horizontally extending upper rail 12 of a window frame 13 which is formed or provided in the building wall 14 in which the window opening is formed.

Each of the new drape hanger and curtain rod-supporting units 9 comprises a U-shaped supporting and clamping bracket or member 10, which is preferably formed of a suitably shaped single piece of somewhat resilient metal such, for example, as brass, steel or aluminum, and includes a pair of spaced, resilient diverging clamping arms 15 and a bight portion 16 which interconnects the resilient clamping arms 15. The bight portion 16 of each clamping and supporting member 10 provides a mounting by means of which the said member 10 may be mounted on the parts 11—12 as by means of suitable fastening elements, such as screws 17, extended through openings 18 formed in the bight portion 16 of each member 10

The outer end portion of each of the clamping arms 15 in each of the members 10 is provided with an opening 19 and each unit 9 includes a pair of slidably adjustable drape hanger supports or supporting bars 20 and 21 The supporting bars 20—21 in each pair of the same are slidably projected through the aligned openings 19 in the clamping arms 15 of one of the clamping and supporting members 10 in parallel and side by side contacting relationship, this being accomplished by manually grasping the clamping arms 15 and pressing the same together, against the force of their own resiliency, from their normal and divergent position, as in full lines (Fig. 4), into compressed and substantially parallel relation, as in dotted lines, Fig. 4.

The inner drape-supporting hanger or bar 20, in each pair of the same, is provided at the outer end thereof with an inwardly curved portion 22 which extends inwardly toward the supporting wall 14, as shown in Figs. 1 and 2.

A pair of spaced openings 27 are provided in

each clamping arm 15 of each of the members 10 for the reception of a curtain supporting-rod 23 which is preferably embodied in each of the units 9. The curtain rod 23 may be held in a selected position upon the corresponding member 10, and relative to the window opening 11, by means of a pair of resilient and preferably metallic V-shaped clamping members 24, one of which may be mounted on the inner clamping arm 15 of each member 10. Each of these clamping members 24 embodies a pair of resilient diverging clamping arms 25 and each of these clamping arms 25 is provided with a hole or opening 26 for the reception of the curtain supporting-rod 23.

In the use of the new drape hanger and curtain rod-supporting units 9 which are embodied in the invention the same may be mounted upon the parts 11—12 in association with a window opening 11, in a selected position, as shown, and by means of suitable fastening elements such as the screws 17.

The curtain supporting rod 23 may then be arranged in position of use by slipping one of the V-shaped clamping members 24 onto each end portion of the curtain-supporting rod 23. This is accomplished by manually compressing the resilient arms of the clamping member 24 between the thumb and finger of the hand while holding the clamping member 24 over the inner clamping arm 15 of the corresponding member 10, with the two holes 26 in the arms of the clamping member 24 in alignment with one of the holes 27 in the inner arm 15 of the member 10, as shown in Fig. 4, while employing the other hand to project the outer end portion of the curtain-supporting rod 23 through the thus aligned openings 26 and 27. When the clamping members 24 are thus placed in position and thereupon released from compressed condition their resilient clamping jaws 25 will spread apart under the force of their own resiliency and will thus clamp the end portions of the curtain supporting-rod 23 in the desired position upon the members 10 and relative to the window opening 11.

The drape hangers or supporting bars 20 and 21 may then be inserted through the aligned openings 19 in the clamping arms 15 of each member 10 by manually compressing said arms together, against the force of their own resiliency, into the position in which they are shown in dotted lines in Fig. 4. Accordingly, when the clamping arms 15 of each member 10 are then released they will spread apart under the force of their arm resiliency into the position in which they are shown in full lines in Fig. 4, and will thus clamp the drape supporting bars or hangers 20—21 in the desired position.

Drapes or like fabric window ornaments may be suspended from the two pairs of supporting bars 20—21 in any suitable manner, as by means of rings slipped over the bars 20—21 and attached to the upper edges of the drapes, or otherwise.

It will be noted that the two drape-supporting bars or hangers 20—21 in each unit 9 may be slidably adjusted relative to each other and relative to the window opening 11 by manually compressing the clamping arms 15 of the members 10 together, so as to enable the drapes to be folded or expanded laterally. Thus when the inner bars 20 are slid outwardly relative to the outer bars 21, into the position in which the bars 20—21 are indicated in dotted lines in Fig. 1, the drapes held thereby will be expanded or unfolded laterally and will thus create the impression that the window opening which the drapes border and ornament, and the vertical side edges of which the drapes roughly define, is substantially wider than the width of the window opening 11 which is indicated when the inner drape hangers or supporting bars 20 are disposed in inwardly extended position relative to the outer drape hangers or supporting bars 21.

It will also be noted that when the clamping arms 15 of each drape hanger and curtain rod-supporting unit 9 are manipulated the curtain rod clamping members 24 ride upon the inner clamping arms 15 of the members 10 and allow the curtain rod 23 to slide relative thereto without altering the position of the curtain supporting-rod 23 itself.

It will thus be seen from the foregoing description, considered in conjunction with the accompanying drawing, that the present invention provides a novel and simple combination drape hanger and curtain rod-supporting unit which has the desirable advantages and characteristics, and accomplishes its intended objects, including those hereinbefore pointed out, and others which are inherent in the invention.

I claim:

1. A supporting device of the character described comprising a U-shaped supporting and clamping member including a mounting portion adapted to be mounted upon a supporting wall surface adjacent a window opening and including a pair of spaced resilient clamping arms integral with said mounting portion, each of said resilient clamping arms having an opening formed therein and said openings being aligned with each other, and a pair of parallel drape-supporting bars extended through said openings and normally clamped in a desired adjusted position relative to each other by portions of said resilient clamping arms defining the peripheral edges of the said openings therein, said drape-supporting bars being slidably adjustable relative to each other and transversely relative to the said resilient clamping arms by manually compressing the said clamping arms toward each other against the force of their own resiliency.

2. A supporting device as defined in claim 1 in which the said mounting portion of said U-shaped supporting and clamping member is the bight portion thereof extending between and integrally connected to the said resilient clamping arms at the inner ends of the latter.

3. A supporting device as defined in claim 1 in which the said mounting portion of said U-shaped supporting and clamping member is the bight portion thereof extending between and integrally connected to the said resilient clamping arms at the inner ends of the latter, and in which the said bight portion of said U-shaped supporting and clamping member is provided with openings for the reception of fastening elements by means of which said U-shaped supporting and clamping member may be fastened to said supporting wall surface.

4. A supporting device as defined in claim 1 in which each of said resilient clamping arms is provided with an opening for the reception of a curtain supporting rod.

5. A supporting device as defined in claim 1 in which each of said resilient clamping arms is provided with an opening for the reception of a curtain supporting rod, and in which a V-shaped curtain rod clamping member is mounted astride the inner resilient clamping arm of each of said U-shaped supporting members and in

which each of said V-shaped clamping members includes a pair of resilient clamping arms arranged on opposite sides of the said inner resilient arm of the said U-shaped supporting and clamping member on which the said V-shaped curtain rod supporting member is mounted and in which each of the resilient arms of each of said V-shaped curtain rod clamping members is provided with an opening disposed in alignment with the said opening in the said inner resilient clamping arm of said U-shaped supporting and clamping member for the reception of a portion of a curtain-supporting rod extended therethrough.

6. A device of the character described comprising a supporting member having an attaching portion adapted to be attached to a supporting wall surface adjacent a window opening therein, said supporting member including a supporting arm projecting from said attaching portion and said arm being provided with an opening for the reception of a curtain-supporting rod, and a V-shaped curtain rod clamping member adapted to rest astride said supporting arm above the latter and including a pair of resilient clamping arms disposed on opposite sides of the said supporting arm, each of the said resilient clamping arms of the said V-shaped clamping member having an opening therein and the said openings in the said resilient clamping arms of said V-shaped clamping member being disposed in alignment with each other and with the said opening in the said supporting arm for the reception of a curtain rod extended therethrough.

CARL DODEGGE.