

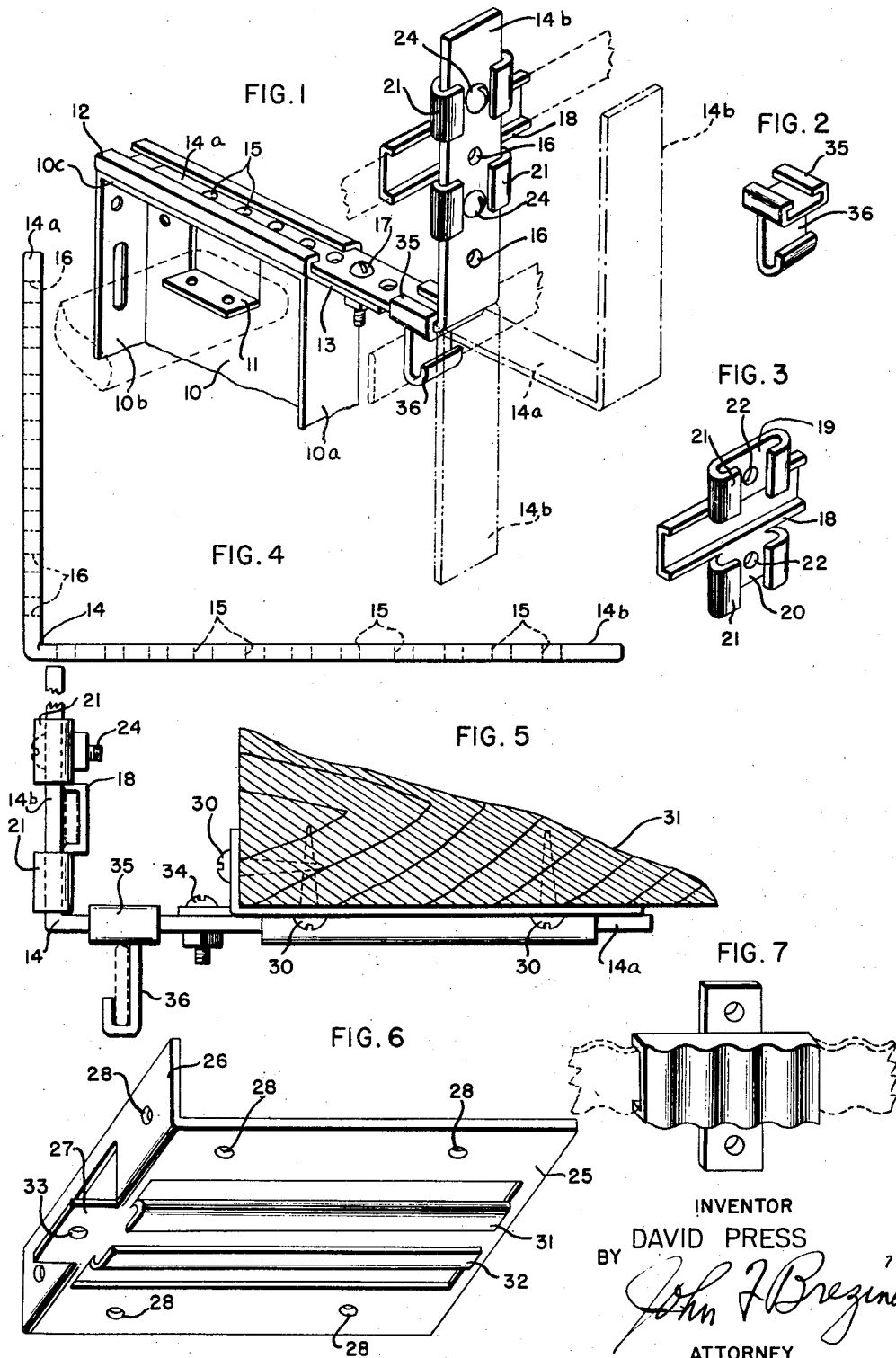
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ADJUSTABLE CURTAIN AND DRAPE BAR MOUNTING MEANS

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ADJUSTABLE CURTAIN AND DRAPE BAR
MOUNTING MEANS

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9 Claims. (Cl. 248-252)

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This invention is directed to novel adjustable mounting means for slidably and adjustably mounting transversely extending bars, brackets or supports upon which drapes, curtains or the like are adapted to be suspended.

Presently known drape bar brackets and suspension bars which usually include a right angle metal member are normally mounted for swinging movement in a substantially U-shaped bracket which has to be secured by screws or the like to the window frame or the adjacent wall section. These bars or cranes normally swing toward and away from the wall or window and their mounting is not only relatively difficult but leaves permanent injury to the woodwork or wall, and further the same cannot be changed as to vertical or horizontal position relative to the window without removal and remounting by screws in a new position.

Another objectionable feature of present cranes is that when the housewife desires to change from one type or size of drapes to another, which may be of different width or different length, there is no means of adjusting present crane bars so that the drape will hang in proper and correct position taking into consideration its width and length.

It is an important object and accomplishment of my invention to provide novel mounting means and adjustable devices for drapes or the like which are adjustable vertically as well as toward and away from the window frame and also as to the relative position transversely with respect to the side portions of the window and of the window frame. Objects of my invention are to provide a relatively easily attachable horizontal sliding means whereby the drape suspension bar may be moved either toward or away from the window frame or from one side toward the other to adjust the extent of desired projection of the drape into the window; and which includes novel means permitting easy vertical adjustment of the suspension bar.

The further object and accomplishment of my invention is the provision of a novel combination of construction of elements providing a horizontally and adjustable means for adjustably mounting drape bars or the like and which have portions thereof slidable and removable to permit quick and easy mounting and dismounting of the drape bar as well as the drape supported thereby.

Other and further important objects of my invention will be apparent from the following description and appended claims.

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On the drawings:

Fig. 1 is a perspective view illustrating my novel adjustable bracket means removably secured upon the upper portion of a conventional metal Venetian blind bracket, illustrating alternate positions of movable parts in dotted lines.

Fig. 2 is a perspective view of a slidable bar bracket adapted to be adjustably mounted upon portions of my device.

Fig. 3 is a perspective view of a slidable bar-supporting bracket forming part of my invention.

Fig. 4 is a side elevation of a slidable extensible bracket forming part of my device.

Fig. 5 is a side elevation of my device, with parts broken away and illustrating its mounting upon the under surface of a window frame.

Fig. 6 is a perspective view of a novel bracket having a slidable guide-way in which the extensible bracket is adapted to be mounted.

Fig. 7 is a perspective view of a cross shaped bracket embodying a modification of the bar supporting means.

Referring to the drawings, reference numeral 10 designates a metal mounting bracket for front and rear angularly bent flanges 10a and 10b and an upper transversely bent flange 10c which latter is normally in an horizontal position. Numeral 11 designates an angular bracket on which the end of a cross bar of a Venetian blind is adapted to be secured. Said Venetian blind bracket is not a part of my novel structural combination but is illustrated in Fig. 1 to show its optional utilization in association with my adjustable device.

Reference numeral 12 designates an elongated metal channel or guide-way which has its lateral flanges doubled back as indicated and which preferably has integral apertured outwardly projecting extension 13 as shown in Fig. 1. Said flange of the guide-way 12 has normally slidably mounted therein one leg portion 14a of a substantially right angled bracket 14 which leg portion is preferably provided with a plurality of longitudinally spaced holes 15 therein. Said bracket 14 has its other leg portion 14b extending either upwardly or downwardly, according to the requirements of the particular case, and said outer leg portion 14b is also provided with a plurality of spaced apart holes 16 therein.

Leg portion 14a of bracket 14 may optionally be releasably secured with respect to channel or guide member 12 by a bolt 17 which passes through one of the apertures 15 and through a hole in the extension 13 of guide-way 12.

Slidably and removably mounted upon the

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outer leg portion 14b of the right angled bracket 14 is a cross shaped bracket or member 18 whose central portion comprises a channel and is of U-shaped crossed section and of a width to receive a drape or curtain bar. Said bracket 18 carries integral guide members 19 and 20 on opposite sides of said channel which said guide members include integral doubled back lugs 21 whose end portions extend toward each other so as to provide a guide-way or tunnel for the reception of the outer leg 14b of bracket 14. Said guide members 19 and 20 preferably have an aperture 22 therein as illustrated in Fig. 3 so as to permit optional securance of the bar bracket 18 at the desired height upon the leg 14b by means of a screw or pin 24, one of which is illustrated in Figs. 1 and 5. Two such screws or bolts 24 are preferably used and mounted through spaced apart holes in the leg 14b and through the holes 22 so that the bar supporting bracket will be firmly mounted against bracket leg 14b and at the desired height. While I have illustrated said drape bar bracket in Fig. 1 with its guide channel portion inside of the leg 14b, it is to be understood that the same may be inverted and mounted with the bar supporting channel on the outside of said leg 14b.

In numerous installations including those where there are no Venetian blind brackets mounted on the window frame, there are no convenient parts on which to mount the adjustable drape supporting device. As all rectangular windows have a downwardly facing surface at the upper part thereof, I provide a mounting member or mounting plate 25 such as shown in Figs. 5 and 6. Said mounting plate or bracket 25 is formed of a single metal blank and has formed integral therewith a right angled extension or flange 26 and an outwardly integral apertured lug or tongue 27 which is struck from the blank itself by suitable die. Said mounting plate 25 and said angular flange 26 are provided with a plurality of spaced apart holes 28 which receive and accommodate securing screws, a part of such screws being designated by numeral 30 in Fig. 5 and which are mounted in the upper cross member of the window frame so as to securely mount the said mounting plate upon the under face of the upper frame member 31 as illustrated in Fig. 5. One of each said mounting plates 25 are secured in the described manner at opposite ends of the downwardly facing surface of the upper frame member 31.

Said mounting plate 25 carries a longitudinally extending guide-way which preferably comprises doubled back flanges 31 and 32 which are formed from die cut intermediate portions of the plate 25 and bent to substantially the positions illustrated in Fig. 6. Said guide-way of plate 25 is adapted to have slidably mounted therein one of the legs of the bracket 14. Said slidable mounting permits the brackets 14 to be moved inward and outward to desired extent to in turn mount the drape bars at the desired distance from the wall and window frame. Said slidable bracket 14 is removably secured in the desired extending position by a screw or bolt 34 which extends through a hole 33 in lug 27 of plate 25 and through one of the holes 15 (or 16) of bracket 14. As in many installations two separate drapes are to be mounted at each side of a window, or in many cases a separate curtain suspension rod or bar is to be mounted adjacent to the sides of the window frame, it is important in such cases to first mount a hook-bearing bracket 35 upon the horizontal

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legs of each of the brackets 14 before slipping the leg of the bracket into the guide-way defined by flange 31 and 32 of plate 35. Said brackets 35 have a channel-shaped portion as illustrated in Fig. 2 and a projecting hook 36 secured thereto or formed integral therewith. Said hooks 36, two in each installation, provide a means for quickly and easily and removably mounting either a curtain rod or to separate drape bars which may be extended to the desired degree in either direction.

Referring to Fig. 7, numeral 37 designates a modified form of adjustable drape bar bracket which has two spaced apart holes 38 therein which may receive bolts or the like to secure said bracket at the desired height on the apertured right angled bracket. Said bracket 37 has a transversely extending tunnel 38 therein, one wall of which is of zig-zag cross section and having a plurality of recesses 39 therein as indicated. A corrugated drape bar 40 may be mounted in the desired extended position in the tunnel 38 and the interengagement between said drape bar and said recesses 39 will cause said bar to be held in horizontal position.

As many changes could be made in the above construction, and many apparently widely different embodiments of my invention, within the scope of the claims, constructed without departing from the spirit or scope thereof, it is intended that all matter contained in the accompanying specification shall be interpreted as illustrative and not in a limiting sense.

I claim:

1. In an adjustable device for mounting drapes and drape bars, an elongated channel; a bracket for holding said channel in horizontal position; an apertured substantially right angled metal bracket having one portion thereof slidable in said channel; and a bar supporting bracket having a plurality of bent guide lugs whereby said bar supporting bracket is vertically slidable on the outer portion of said right angled bracket, said drape bar bracket having a transversely extending channel-like guide-way adapted to have a drape bar inserted therein, said drape bar being slidable in said guide-way.

2. In a device of the described class, an elongated flanged channel-like guide-way adapted to be secured in substantially horizontal position with respect to a window frame; a right-angled bracket having a plurality of longitudinally aligned holes therein and having one portion thereof slidable in said guide-way; a fastening element for securing said right-angled bracket in desired position; a substantially cross shaped bar supporting bracket having a transversely extending channel for the reception of a drape bar and having a plurality of bent lugs integral with its lateral edge portions forming a means for slidably mounting said bar supporting bracket on said right-angled bracket; and a fastening element removably securing said drape bar supporting bracket in desired position.

3. In an adjustable device for mounting drapes and drape bars, an elongated channel having an apertured extension; an apertured substantially right-angled metal bracket having one portion thereof slidable in said channel and along said extension; a bar-supporting bracket having a plurality of bent guide lugs whereby said bar supporting bracket is vertically slidable on the outer portion of said right-angled bracket, said bar supporting bracket having a transversely extending channel-like guide-way adapted to have a drape

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bar slidably mounted therein, and fastening members releasably securing said drape bar bracket in desired position on said right-angled bracket.

4. In a device of the described class, a right-angled bracket having a plurality of longitudinally aligned holes therein adapted to be connected to a window frame; a fastening element for securing said right-angled bracket in desired position; a bar supporting bracket having a transversely extending channel for the reception of a drape bar and having integral means for adjustably mounting said bar supporting bracket on said right-angled bracket; and fastening means for removably securing said drape bar supporting bracket in desired position.

5. In an adjustable device for mounting drapes and drape bars, a mounting plate having a channel therein; an apertured substantially right-angled metal bracket having one portion thereof in said channel; a bar supporting bracket having a plurality of bent guide lugs whereby said bar supporting bracket is vertically slidable on the outer portion of said right-angled bracket, said drape bar bracket having a transversely extending guide-way adapted to have a drape bar therein, and a hook-carrying bracket mounted on the extended portion of said right-angled bracket.

6. In a device of the described class; an apertured mounting plate formed from a flat metal blank and having elongated portions thereof bent and double back to provide a track and having a blind engaging bracket extending transversely to its plane, said plate being securable on a window frame; a right-angled bracket having one portion thereof removably mounted in said track; a bar supporting bracket having transversely and vertically extending guide-ways; said vertical guide-way normally receiving said right-angled bracket, said transverse guide-way being adapted to receive a drape supporting bar; and fastening elements for securing said brackets in desired position.

7. In an adjustable device for mounting Venetian blinds and drape and curtain cranes and cornices; a metal bracket having angularly bent edges, said bracket being connectable to window frame or the like; an elongated channel mounted on the normally upper flange of said bracket; and a substantially right angled bracket having

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apertures therein positioned in said channel; said angular bracket being slidable in said channel, and a vertically slidable bracket member mounted on the outer portion of said angular bracket, said vertical bracket member adapted to receive and support a bar or the like.

8. In a device for adjustably mounting drape cranes and the like for varied vertical and horizontal positions; a channel member providing a normally horizontal guide-way; means for mounting said channel in substantial horizontal position; a substantially right-angled bracket having one portion thereof slidable in said channel and having another portion thereof apertured and flanged outwardly; a drape supporting crane having a plural of upwardly and downwardly extending recesses; and releasable connecting means normally securing said crane against said bracket, said crane recesses receiving the flanges of said bracket to thereby prevent sagging movements of said crane, the position of said crane being adjustable horizontally and vertically.

9. In a device of the described class, a substantially flat metal apertured plate having a pair of longitudinally extending doubled back flanges forming a longitudinal guide-way; an integral apertured extension on one end of said plate adjacent the end of said guide-way; an angular metal bracket having one portion thereof slidably mounted in said guide-way; a bar supporting bracket having opposed integral guide elements thereon for slidably mounting said bar supporting bracket on said angular bracket, said bar supporting bracket having a transverse passage therethrough in which a drape bar or the like may be slidably mounted; and a releasable fastening element for securing said drape bar bracket in desired position on said angular bracket whereby the height of the drape bar may be varied.

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REFERENCES CITED

45 The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
644,758	Beck	Mar. 6, 1900
1,071,642	Kintz	Aug. 26, 1913

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