Oct. 9, 1956 V. R. KUDDES 2,765,844

APPARATUS FOR HANGING DRAPERIES

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Fig. 1.

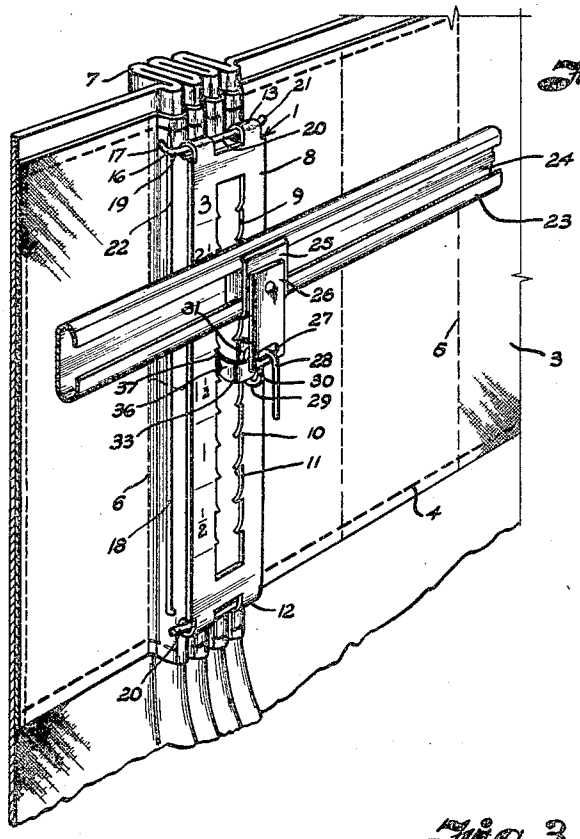


Fig. 2.

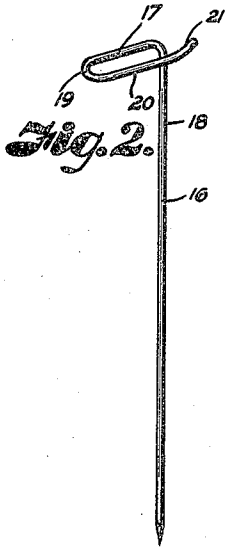
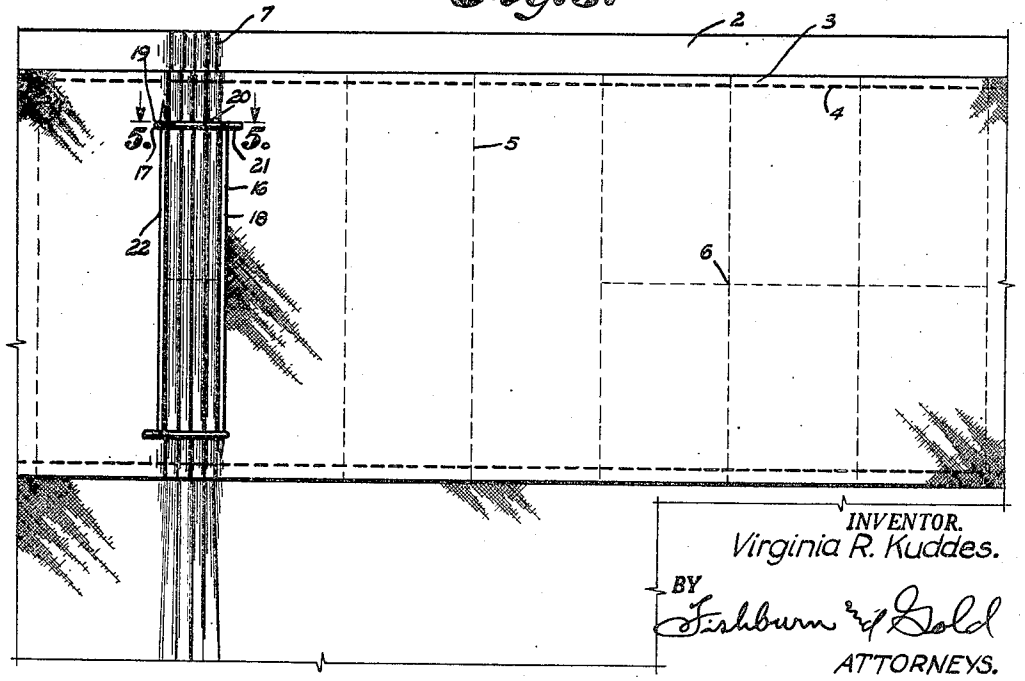


Fig. 3.



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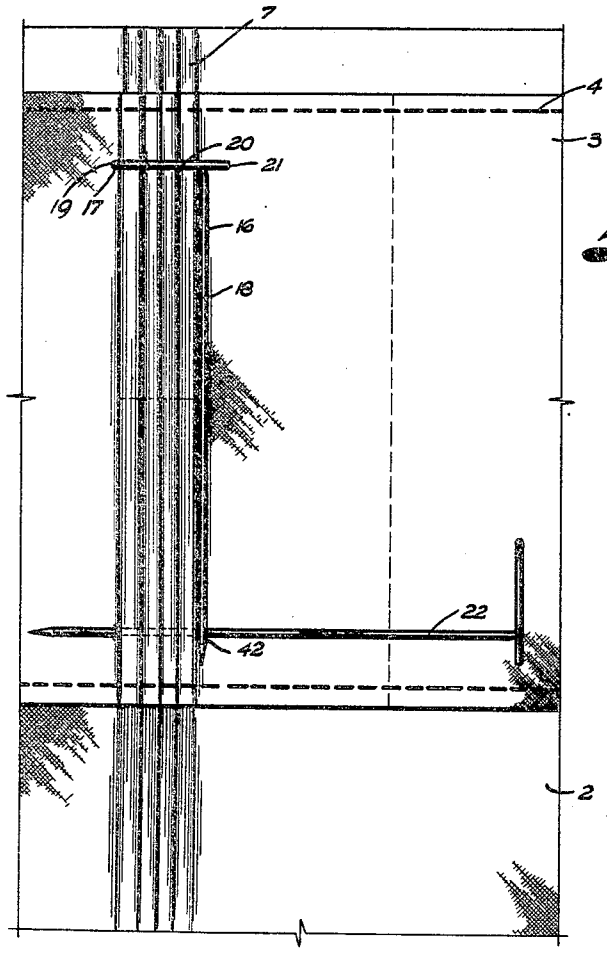


Fig. 4.

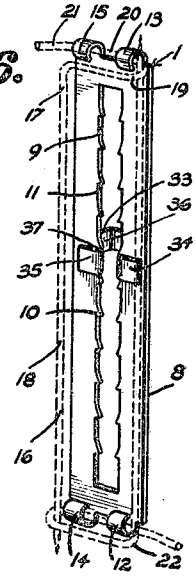
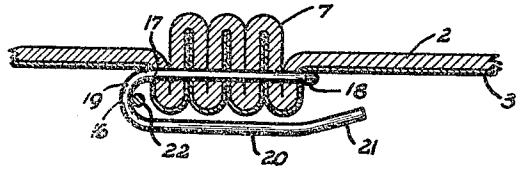


Fig. 6.

Fig. 5.



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Fig. 7.

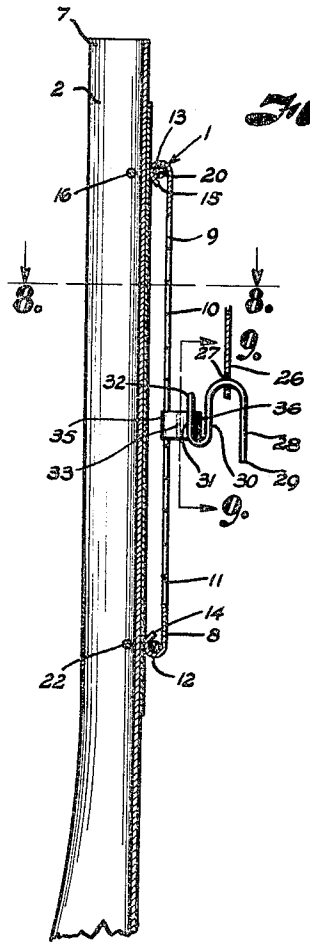


Fig. 8.

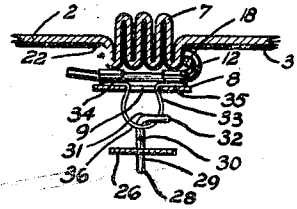


Fig. 9.

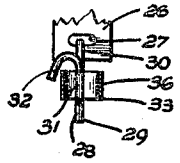


Fig. 10.

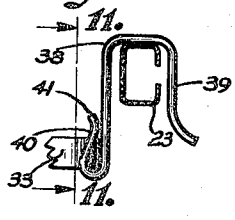
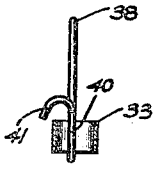


Fig. 11.



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APPARATUS FOR HANGING DRAPERIES

Virginia R. Kuddes, Corder, Mo.

Application December 9, 1955, Serial No. 552,127

6 Claims. (Cl. 160—348)

This invention relates to apparatus for hanging drapes, and more particularly to apparatus for hanging drapes having pleated valances according to the method disclosed in my co-pending application, Serial Number 432,379.

The principal objects of the present invention are to provide a fastener for hanging of drapes to a rod or the like in which the shanks of pins are extended horizontally through the pleats of the drape, the top and bottom of the pleat having looped ends for engaging the pleats and providing keepers for the pointed ends of the pins; to provide a bar member having spaced ears engageable on the pins at the upper and lower portion of the pleats having a longitudinal slot therein provided with inwardly extending projections; to provide a movable member engageable in said slot; to provide hook means engageable on movable member and adapted to engage the hook for hanging the drapes; to provide slidable means in said curtain rod for cooperating with a hook member engaging the movable member in said slot for movement of the drapes with respect to the rod, the movable member engaging the inward projectings on the body member and adjustable upwardly and downwardly so as to adjust the heights of the drapery with respect to the floor; and to provide apparatus of this character economical to manufacture and efficient in operation.

In accomplishing these and other objects of the present invention, I have provided improved details of structure, the preferred forms of which are illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view of my apparatus shown attached to the pleats of a drapery and the curtain rod on the back of the drapery.

Fig. 2 is a perspective view of one of the fastening pins.

Fig. 3 is a view from the back of the drapery showing the pins in position on the pleats.

Fig. 4 is a view from the back of the drapery showing one of the hook members of the pin extending through the pleat and the other pin engaging through said pleat.

Fig. 5 is a cross sectional view taken on the line 5—5, Fig. 3.

Fig. 6 is a perspective view of the body member of the device showing the pins in dotted lines in place on the fastening device.

Fig. 7 is a vertical cross sectional view particularly illustrating the hook member engaging the movable member and the slidable member on the curtain rod.

Fig. 8 is a cross sectional view taken on the line 8—8, Fig. 7.

Fig. 9 is a fragmentary cross sectional view of the hook taken on the line 9—9, Fig. 7.

Fig. 10 is a side view of a modified form of hook adapted to engage over the curtain rod.

Fig. 11 is a cross sectional view taken on the line 11—11, Fig. 10.

Referring more in detail to the drawings:

1 designates a fastening apparatus embodying the features of my invention shown attached to a drapery 2, to the back of which is attached the usual buckram binding 3 and stitched thereto, as indicated at 4. The buckram has markings 5 and 6, the markings 6 being indicative of the folding of a pleat 7, as illustrated in Fig. 1.

8 designates a body member or length bar of my apparatus having a slot 9 longitudinally thereof provided with inwardly extending projections or teeth 10 on each side thereof, the lower edges of such projections having straight edges, as indicated at 11. The body member may be made from light-weight steel material, aluminum, plastic or other suitable material bifurcated ends 12 and 13 bent to form a pair of loop members or ears, as indicated at 14 and 15 (Fig. 6) on each end of the body member.

In Fig. 2 there is illustrated a pin member 16 and the pin is provided with a looped end 17 bent by forming the shank 18 laterally and then again turned upon itself, as indicated at 19, having a shank portion 20 running parallel with the first turned member and the outer end of the shank is bent slightly, as indicated at 21. A second pin 22 is necessary for the apparatus and is made identical with the pin 16. The shank portion 20 of the loop ends of the pin are adapted to engage in the pairs of loops 14 and 15 of the body member, as illustrated on dotted line (Fig. 6) when the pins are in place.

23 designates a curtain rod of the usual construction having a channel member 24 in which a slide fastener 25 is adapted to engage to which is attached a plate 26 having an opening 27 in the end thereof for receiving the end 28 of a hook member 29. The hook member 29 has a body portion 30 bent upon itself forming a shank 31 then turned, forming a hook 32 for engaging the keeper or slide member 33 movable in the slot 9 of the body member of the apparatus. The keeper is preferably made of spring material, such steel, having its free ends 34 and 35 turned laterally of the body member 36, which are adapted to engage in the slot 9 and the upper side edges 37 of the keeper engaging against the straight edge 11 of the inwardly projecting teeth of the body member.

In Figs. 10 and 11, there is illustrated a modified form of hook having a body member 38 bent laterally as indicated at 39, and then parallel with the body member as indicated at 40, forming a hook which engages over the curtain rod 23 instead of the plate 26, as illustrated in Fig. 1. The body of the hook 38 is also turned at the opposite end to form a hook 41 for engaging the keeper 33. In this form of hook member, the slidable member 25 in the rod 23 will be unnecessary and this form is particularly adaptable for pleated valance side drapes.

The apparatus illustrated as described is applied to the drapery as follows:

The pleats 7 are formed, as illustrated in Fig. 1, by working from the back side of the drapery and taking the pin 22 and using the point thereof, or if preferred, an ice-pick or some other suitable sharp tool (not shown) may be used and the hole is started through the pleat at the bottom edge of the pleat and the pin is left essentially halfway through the pleat, as illustrated in Fig. 4. The top pin 16 is then started through the pleats near the top edge thereof, also as illustrated in Fig. 4, and pulling the pin all the way through forcing the pleats into the loop 17 thereof and a twisting motion of the pin is made until the pin is in a vertical position shown in Fig. 4. The shank extends along the length of the pleat and overlapping the shank is the pin 22, as indicated at 42 (Fig. 4). The pin 22 is then pulled all the way through the lower part of the pleat in the same manner as the top pin locking the point of the top pin 16 within the curve or loop portion 17 of the lower pin. The lower pin will then be in vertical position to the pleat with the point toward the top. The point may be slipped under the curved portion of the pin, thus locking the point into the curved or looped portion of the top pin. The body mem-

ber or length bar 8 may then be attached to the shank portion 20 of the pin by inserting the pair of loops 14 and 15 over the free ends or shanks 20 of the loop portions of the pins, as illustrated at Fig. 1, and shown in dotted lines in Fig. 6.

Before the length bars or body members are attached to the pins, the keeper or spring slide 33 is inserted in the groove 9, inserting the loop in the groove from the back of the bar by use of a pair of pliers (not shown) if necessary, forcing the slide into the slot. The spring slide or keeper may be moved at the desired position on the length bar by pressure of the thumb on the loop and moving the keeper upwardly or downwardly to adjust the length of the drapery.

I have found that by standing the body member or bar on end, it will slide over the back of the top pin more easily, then the bar may be placed in a vertical position and the loops forced over the back of the lower pin. The draperies may then be hung on the rod by use of the hook 29 with the form of rod shown in Fig. 1, which is usually used for draw drapes.

The drapes may be shortened or lengthened while hanging on the rod by reaching over the top of the drape to make a single adjustment or the weight of the drapery may be placed on the shoulder and the pleats taken off the hooks. The keeper is pressed together with the fingers and with a zig-zag motion to clear the teeth of the length bar as it is moved up and down thereon.

It will be obvious from the foregoing that I have provided an improved apparatus for hanging draperies and which pin members are inserted horizontally through the pleats of the drapes and a bar fastened thereon having an adjusting member for adjusting the length of the drapes as desired.

What I claim and desire to secure by Letters Patent is:

1. Apparatus for securing pleated drapes to a rod comprising, a pair of pin members having one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending horizontally through the pleats at spaced points on the rear side near the upper edge thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin, a bar member having a slot extending longitudinally thereof, spaced teeth on at least one of the side edges forming shoulders extending into said slot, a keeper member movable in said slot and engaging said shoulders, means on the respective ends of the bar member engaging the loops on the ends of said pins, and means engaging said keeper and said rod for hanging said drapes.

2. Apparatus for securing pleated drapes to a rod comprising, a pair of pin members having one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending horizontally through the pleats at spaced points on the rear side near the upper edge thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin, a bar member having a slot extending longitudinally thereof, spaced teeth on at least one of the side edges forming shoulders extending into said slot, a resilient keeper member movable in said slot and engaging said shoulders, loop means on the respective ends of the bar engaging the loops on the ends of said pins, and means engaging said keeper and said rod for hanging said drapes.

3. Apparatus for securing pleated drapes to a rod comprising, a pair of pin members having one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending horizontally through the pleats at spaced points on the rear side near the upper edge thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin, a bar member having a slot extending longitudinally thereof, spaced teeth on at least one of the side edges forming shoulders extending into said slot, a resilient keeper member movable in said slot and engaging said shoulders, spaced ears on the respective ends of the bar engaging the loops on the ends of said pins for fastening the bar to said pins, and means engaging said keeper and said rod for hanging said drapes.

4. Apparatus for securing pleated drapes to a rod comprising, a pair of pin members having one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending horizontally through the pleats at spaced points on the rear side near the upper edge thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin, a bar member having a slot extending longitudinally thereof, spaced teeth on at least one of the side edges forming shoulders extending into said slot, a resilient keeper member movable in said slot and engaging said shoulders, spaced ears on the respective ends of the bar engaging the loops on the ends of said pins for fastening the bar to said pins, and hook member engaging said keeper and said rod for hanging said drapes.

5. Apparatus for securing pleated drapes to a rod having slide fasteners movable therealong comprising, a pair of pin members having one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending horizontally through the pleats at spaced points on the rear side near the upper edge thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin, a length bar having a slot extending longitudinally thereof, spaced teeth on the side edges forming shoulders extending into said slot, a resilient glide member movable in said slot and engaging said shoulders for adjusting the length of the drapes, means on the respective ends of the bar engaging the loops on the ends of said pins for holding the pleats in straight position, and hook means engaging said glide member and said slide fasteners for hanging said drapes.

6. Apparatus for securing drapes having a pleated valance to a rod having slide fasteners movable therealong comprising, a pair of pin members having shanks with one end pointed and the other end having a loop extending laterally outwardly therefrom, said pins extending through the pleated valance at spaced points on the rear side near the upper and lower edges thereof and the shank portions extending vertically of the pleats with the points of one pin engaging in the loop of the other pin and said pleats engaging in said loops, a length bar having a slot extending longitudinally thereof, spaced teeth on the side edges forming shoulders extending into said slot, a resilient glide member movable in said slot and engaging said shoulders for adjusting the length of the drapes, spaced ears on the respective ends of the length bar engaging the free ends of the loops on the ends of said pins for holding the pleats in position, and hook means engaging said glide member and said slide fasteners for hanging said drapes.

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