Dec. 18, 1945. F. X. GANTER 2,391,150

WINDOW DRAPE ROD HANGING MEANS

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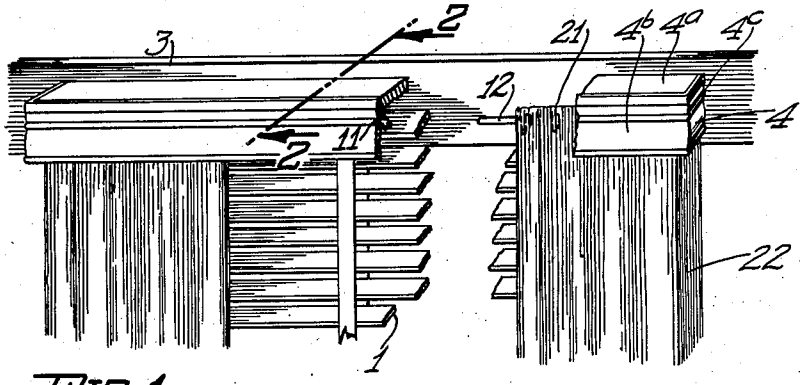


FIG. 1.

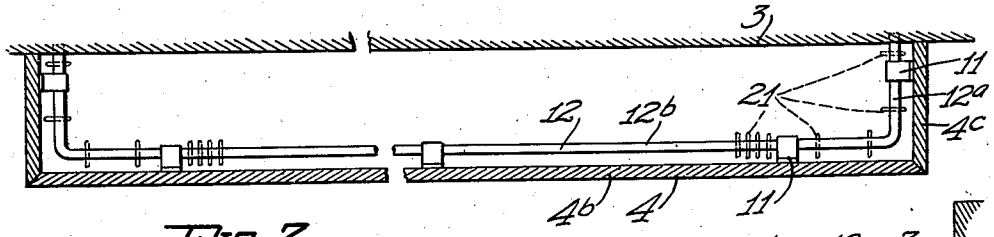


FIG. 3.

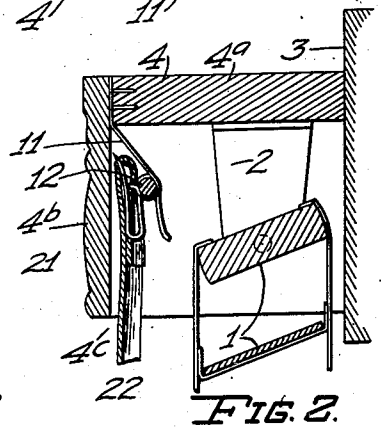


FIG. 2.

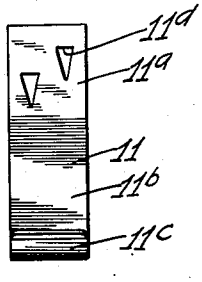


FIG. 4.

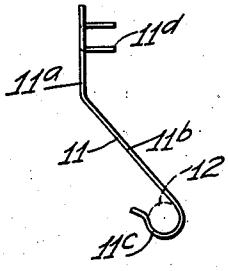


FIG. 5.

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WINDOW DRAPE ROD HANGING MEANS

Francis X. Ganter, Los Angeles, Calif.

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10 Claims. (Cl. 160—19)

My invention relates to a curtain or drape rod hanging or supporting means, particularly adapted for use in connection with Venetian blinds, and drapery boxes.

One of the principal objects of my invention is to provide means for quickly and easily hanging a curtain or drape rod, or the drapes or curtains on such rods.

Another important object of this invention is to provide means of this class in which the rod, and the curtains or drapes depending therefrom, are resiliently supported and thereby prevented from being readily distorting when a pull is applied to the curtains or drapes.

An important object also of this invention is to provide novel, simple, and economical means for supporting a U-shaped curtain rod whereby the end portions of a drape or curtain may drape over the edges of Venetian blinds, or the like.

Still another important object of this invention is to provide means of this class for resiliently holding the ends of a U-shaped rod against the window frame or the building wall.

A still further important object of this invention is to provide a supporting means of this class whereby, when a pull is exerted on the drape or curtain, the open side of the supporting hook will be distorted toward the supporting element or wall of the supporting box or concealing cornice, thereby closing the supporting hook.

An important object also of this invention is to provide a novel, simple, and economical clip for performing the above functions, and to provide novel means in connection therewith for securely fastening the same to and by the supporting decorative cornice for the drape or curtain.

With these and other objects in view, as will appear hereinafter, I have devised means for supporting a curtain or drape rod having certain novel features of construction, combination, and arrangement of parts and portions, as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawing and to the characters of reference thereon, which form a part of this application, in which:

Fig. 1 is a fragmentary perspective view of the curtain or drape supporting cornice for a window, housing my curtain or drape rod supporting means, portions being broken away and in section to facilitate the illustration;

Fig. 2 is a sectional elevational view thereof, taken through 2—2 of Fig. 1;

Fig. 3 is a sectional view in plan showing the relation of the rod and supporting clips with respect to the side and end walls of the box-like cornice; and,

Figs. 4 and 5 are, respectively, side and edge views of one of the curtain or drape rod supporting clips.

It is customary in using Venetian blinds for windows, to suspend the Venetian blinds, designated 1 in the drawing, from brackets 2 supported, either directly on the upper rail of a window casing or frame 3, or from a box-like cornice 4 secured to and built outwardly from the upper rail of the window frame, as shown in the drawing. It is also customary, when using curtains or drapes in connection with the Venetian blinds to hang the curtains or drapes at the room side of the Venetian blinds from within such cornice construction. My present invention relates to the hanging of the curtains or drapes in such position from within the box-like cornice as now used.

My supporting means consists primarily of a plurality of thin resilient metal clips 11, each being made preferably of strips or bands of spring steel. One end of the clip has a securing portion 11^a. From one end of the securing portion the clip is bent at an obtuse angle, as indicated by 11^b. This angular portion is provided at the end, opposite the securing portion 11^a, with a hook 11^c. From the securing portion 11^a is struck a pair of prongs 11^d, these prongs extending to the same side of the plane of the securing portion 11^a as the angular portion 11^b.

In mounting the clips, or rod supporting brackets, the securing portion 11^a is fastened to the outer edge of the upper element or wall member 4^a of the box or cornice 4, while the latter is being constructed, with the prongs 11^d forced into such edge of this member 4^a. The clip or bracket is securely held in position by the outer element or wall member 4^b of the box or cornice, as shown best in Fig. 2 of the drawing. It will be noted that when so secured, the hook 11^c is spaced inwardly from the inner side of the side element 4^b of the box or cornice, but it is positioned on the inner side of the angular portion or arm 11^b, so that the hook is forced against the element or wall member 4^b if force is exerted on the drape, thereby closing the hook and preventing the rod, held thereby, from leaving the hook.

The curtain or drape rod, shown and indicated 12 in the drawing, is U-shaped and is located within the box or cornice, with its legs 12^a adjacent the end elements or wall members 4^c of the box or cornice, and with the long connecting portion 12^b immediately inwardly from the front or long wall member 4^b. The connecting portion 12^b of the curtain or drape rod is shown as supported by three clips while each leg 12^a is shown as supported by one clip. In supporting the drape rod on the brackets, the rod is placed within the box or cornice and merely snapped into the hooks 11^c. It is, thus, resiliently held in

position. The curtain or drape rod is resiliently held by the clips in such a manner that the ends of the legs 12ª are forced into engagement with the window frame 3 by the clips supporting the long or connecting portion 12ᵇ of the rod, the dotted lines in Fig. 3 indicating the normal position of the rod if not limited by the window frame.

The usual manner of supporting drapes on rods is by pinning wire hooks to the hem portion at the top of the drape and hanging such hooks on the drape rod. The same method may be employed in this instance, and the hooks, designated 21, at the upper edge of the drapes 22 are hooked over the rod 12. The clips 11 provide suitable spacing and retention for such hooks over the rod so that the drapes are retained in the intended positions. The hook placed over the end portions of the drape rod will be prevented from passing beyond the ends of the rod by reason of the end portion of the latter being resiliently held against the window frame.

Though I have shown and described a particular construction, combination, and arrangement of parts and portions, I do not wish to be limited to the same, but desire to include in the scope of my invention the construction, combination, and arrangement substantially as set forth in the appended claims.

I claim:

1. In a means of the class described, a box-like cornice, and a plurality of brackets, each secured at one end to the inner side of a side wall member of the cornice and the opposite end extending angularly and downwardly therefrom, said opposite end of each bracket having a hook portion for supporting a curtain rod.

2. In a means of the class described, a box-like cornice, and a plurality of resilient brackets, each secured at one end to the inner side of a side wall member of the cornice and the opposite end extending angularly and downwardly therefrom, said opposite end of each bracket having a hook portion for supporting a curtain rod, the hook portions being open toward the wall member of the cornice to which the brackets are secured.

3. In a means of the class described, the combination with a building wall, of a box-like cornice having an open side and positioned with the open side against the building wall, a plurality of brackets, each secured at one end to the inner side of a side wall member of the cornice, other brackets secured at one end to the inner sides of the end wall members of the cornice, the opposite ends of the brackets having curtain rod supporting means, and a U-shaped curtain rod supported on the supporting means at the extended ends of the brackets.

4. In a means of the class described, the combination with a building wall, of a box-like cornice having an open side and positioned with the open side against the building wall, a plurality of clips, each secured at one end to the inner side of a side wall member of the cornice, other clips secured to the inner sides of the end wall members of the cornice, the opposite ends of the clips having curtain rod supporting means, and a U-shaped curtain rod supported on the supporting means at the extended ends of the clips, the clips secured to the first named wall of the cornice resiliently forcing the ends of the U-shaped curtain rod against the building wall.

5. In a means of the class described, the combination with a building wall, of a box-like cornice having an open side and positioned with the open side against the building wall, a plurality of clips, each secured at one end to the inner side of a side wall member of the cornice, other clips secured to the inner sides of the end wall members of the cornice, the opposite ends of the clips having curtain rod supporting hook portions open toward the wall members of the cornice to which the respective clips are secured, and a U-shaped curtain rod supported on the supporting hook portions at the extended ends of the clips, the clips secured to the first-named wall of the cornice resiliently forcing the ends of the U-shaped curtain rod against the building wall.

6. In a means of the class described, a box-like cornice comprising a top wall member and a side wall member secured to the outer edge of the former, and a resilient clip having at one end inwardly struck securing prongs, said prongs being forced into the edge of the top member of the cornice and the side member of the cornice being secured against the outer side of the clip, the opposite end of the clip extending inwardly and angularly from the side member, and provided at the latter end with curtain rod supporting means.

7. In a means of the class described, a box-like cornice comprising a top wall member and a side wall member secured to the outer edge of the former, and a resilient clip having at one end inwardly struck securing prongs, said prongs being forced into the edge of the top member of the cornice and the side member of the cornice being secured against the outer side of the clip, the opposite end of the clip extending inwardly and angularly from the side member, and provided at the latter end with curtain rod supporting hooks open towards the side of the side member.

8. In a means of the class described, a box-like cornice, and a plurality of brackets, each secured at one end to the inner side of a side wall member of the cornice and extending with the opposite end angularly and downwardly therefrom, the opposite end of each bracket having means for supporting a curtain rod.

9. In a means of the class described, a box-like cornice having a top wall member and a side wall member secured to the outer edge of the former, and a resilient clip having one end positioned between the edge of the top wall member and the inner side of the side wall member, the secured end of the clip having prongs struck from the secured portion, said prongs being forced into one of said wall members, the opposite end of the clip extending inwardly from the side wall member and provided at the latter end with rod supporting means.

10. In a means of the class described, a resilient clip having securing means at one end portion, the other portion of the clip being bent at an angle to the end portion having the securing means, the opposite end of the clip being provided with a hook open at the side toward the plane of the end portion having the securing means, the hook being capable of supporting a rod transversely of the clip, the hook being adapted resiliently to grip the rod.

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