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1,801,477

CURTAIN FIXTURE

Filed Nov. 4, 1929

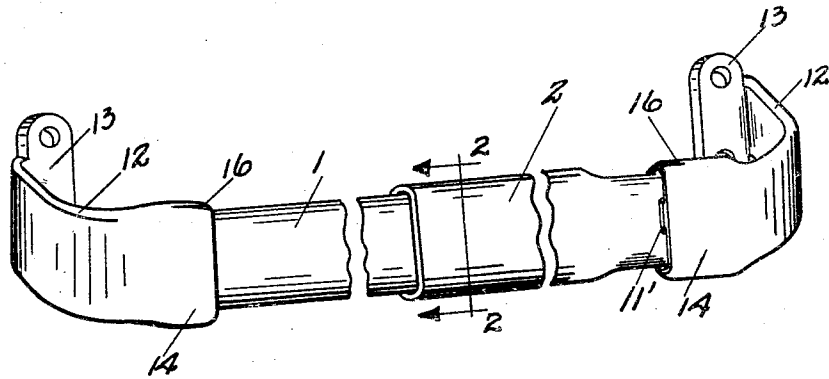


Fig. 1

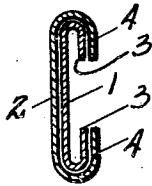


Fig. 2

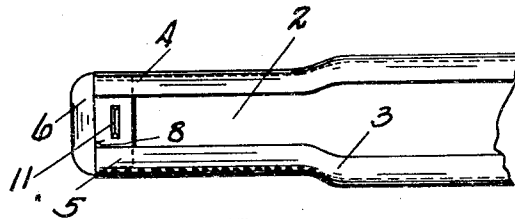


Fig. 3

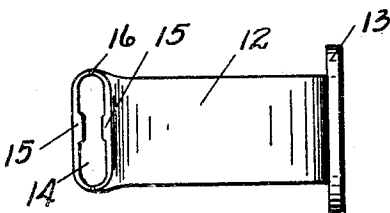


Fig. 4

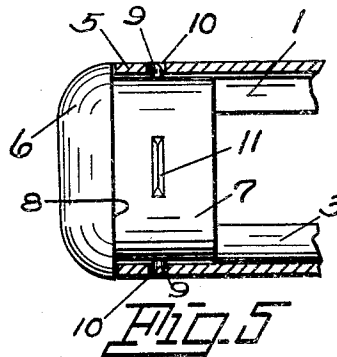


Fig. 5

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CURTAIN FIXTURE

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My present invention relates to improvements in curtain fixtures of the character employed for hanging lace curtains, window draperies, and other drapes. In carrying out my invention I utilize a pair of telescoping flat tubular rods, each having at one end a cap by means of which the rod may be "threaded" in the curtain or passed through the case at the top edge of the drape without danger of tearing the material or of "catching" the rod inside the case of the curtain. These end caps are also employed for fastening the opposite ends of the extensible curtain rod in specially prepared sockets that are fashioned on the supporting brackets of the fixture.

The invention consists in certain novel combinations and arrangements in the construction of the rods and their connection with the brackets as will hereinafter be more fully set forth and claimed. In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention wherein the parts are combined and arranged according to the best mode I have thus far devised for the practical application of the principles of my invention.

Figure 1 is a perspective view, broken away for convenience of illustration, showing the fixture of my invention. Figure 2 is a transverse vertical sectional view at line 2—2 of Figure 1. Figure 3 is an inside face view at the outer end of a rod. Figure 4 is a view at the inner side of one of the brackets. Figure 5 is a sectional detail view at the outer end of one of the rods.

In the preferred form of my invention as illustrated in the drawings I utilize two telescoping rod sections 1 and 2 which for strength and lightness are fashioned of sheet metal and tubular in form. The tubes are preferably flattened and fashioned with upper and lower flanges 3 at their inner sides and of course are of different dimensions so that one may telescope within the other to vary the length of the rod in adjusting them to the window. The outer end, of each rod section is reduced in width, as at 4, and the reduced end of the section is fashioned with

squared edge 5 so that it will fit snugly against an end-cap 6 which overlies the squared edge 5 of the rod section. The cap is preferably of solid metal and its body 7 is reduced to fit snugly into the open end of the reduced end 4 of the rod section. The enlarged head or cap 6 forms a shoulder 8 at its junction with the body and this shoulder extending around the body provides an abutment for the squared end of edge 5 of the rod section. The upper and lower corners of the head are rounded and their surfaces, as well as the flat surfaces of the head, merge with the periphery of the rod-section thus insuring a smooth surface for contact with the interior of the hemmed lace curtain, or the case of the drapery, as the rod section is "threaded" into the curtain.

At the upper and lower edges of the body 7 of the cap are provided pins 9 that fit into holes 10 in the top and bottom edges of the rod-section, and as the material of the section is resilient, it will be apparent that the body of the cap may be forced into the open end of the rod section until the pins snap into the holes, whereupon the cap is retained securely in place and its displacement is prevented, unless force is used to spread the resilient, flanged end parts of the rod section.

As seen in Figures 3 and 5, the opposite sides of the body 7 are fashioned with depressions or vertically extending notches 11, and the outer face of the rod section at 11' in Figure 1 is slotted in alignment with one of these depressions.

The pair of brackets 12 are interchangeable for use at the ends of the fixture, and each bracket is fashioned with an attaching flange 13 to be screwed to the window frame, and with a socket 14, the socket mouth being turned into a plane at right angles to the bracket to receive the outer ends of the rod-sections. Within the mouths are formed a pair of inwardly projecting lugs 15, which it will be apparent are designed to snap into the slots 11' and recesses or notches 11 of the body of the cap.

At 16 the top and bottom portions of the walls of the mouths are split or slitted, and as the material of the sockets is resilient, the

end caps may with facility be inserted into the sockets with a snap action, and a rigid connection is made between the ends of the rod sections and their sockets.

5 In this manner the entire fixture is assembled and its parts joined and retained with rigidity such as will prevent sagging of the fixture, and at the same time insure a neat and attractive appearance of the curtains or
10 drapery.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. The combination with a curtain rod-section having a tubular end and oppositely disposed holes therein, of an end-cap having a
15 body adapted for insertion in said open end and to overlie the end edge of the rod section, retaining pins on the body adapted to snap into said holes, and an enlarged head on said
20 body.

2. The combination with a rod-section having a tubular end and oppositely disposed holes therein, an end-cap having a body adapted for insertion in said tubular end and to overlie the end edge of the rod-section, and provided with pins adapted to snap into said
25 holes, of a bracket, a head on the body adapted for insertion into said bracket, and co-acting means on the bracket and body for retaining the head in the bracket.

3. The combination with a curtain rod-section having an end-cap adapted to overlie the end edge of the rod section and depressions in the opposite sides of said cap, of
30 a bracket having a socket, and a pair of lugs on the walls of said socket adapted to snap into said depressions.

4. The combination with the tubular end of a curtain rod-section having holes therein, an end-cap having a reduced body and retaining pins on the body to snap into said holes, said body having depressions in the sides thereof of an enlarged head on the body adapted to overlie the end edge of the rod
35 section, a bracket having a socket to receive said head, and a pair of lugs on the walls of said socket adapted to snap into said depressions in the sides of the said body.

40 In testimony whereof I affix my signature.

FRANK E. AINSWORTH.

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