June 14, 1955 E. W. MAZANY 2,710,695

CURTAIN ROD

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Fig. 1

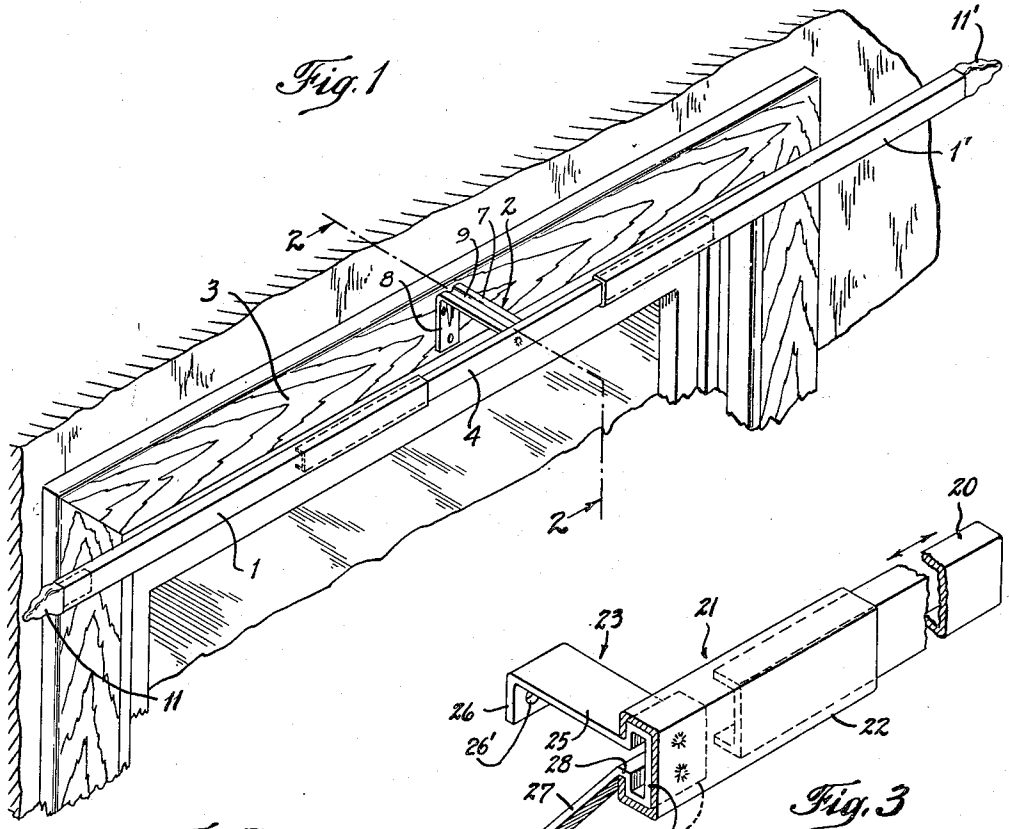


Fig. 2

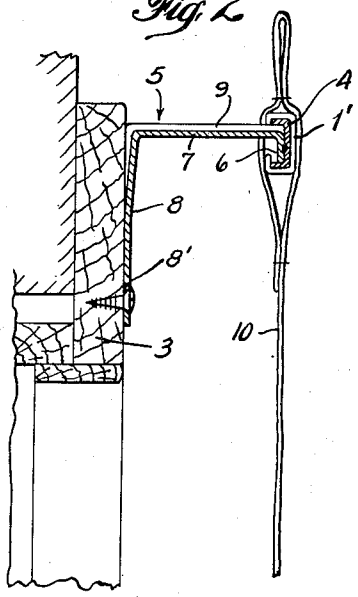


Fig. 3

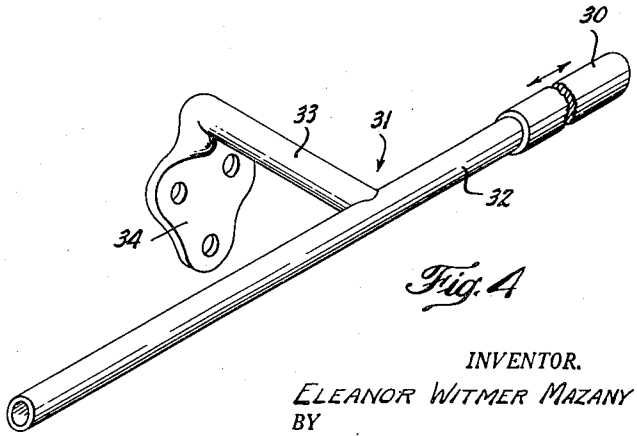


Fig. 4

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CURTAIN ROD

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4 Claims. (Cl. 211—105.3)

The present invention relates to curtain fixtures in which curtain rods of said fixtures are supported by a single central support.

Objects and advantages of the invention will be set forth in part hereinafter and in part will be obvious therefrom, or may be learned by practice with the invention, the same being realized and attained by means of the instumentalities pointed out in the appended claims.

An object of this invention is to provide a curtain fixture whereby curtain rods may easily be attached to and detached from their supporting means.

It is also an object of my invention to provide a curtain fixture in which curtains may readily be attached to and detached from their curtain rod supports without detaching said curtain rods from their supporting means.

A further object of my invention is to provide a curtain fixture whereby curtains may be attached to and detached from their curtain rod supports without interfering with shades or shade supports that are fastened at the sides of a window.

Another object of my invention is to provide a curtain fixture in which the space between the outer ends of the curtain rods may be increased or decreased easily so as to be useful in various sizes of window frames.

A further object of my invention is to construct a curtain fixture which is simple in structure and easy to assemble.

The invention consists in the novel parts, constructions, arrangements, combinations and improvements herein shown and described.

The accompanying drawings, referred to herein and constituting a part hereof, illustrates one embodiment of the invention, and together with the description, serve to explain the principles of the invention.

In the accompanying drawing:

Fig. 1 is a perspective view illustrating one modification of my invention in use in a window frame.

Fig. 2 is an enlarged cross section taken on line 2—2 looking in the directions of the arrows.

Fig. 3 is a central section in perspective of a modified curtain fixture.

Fig. 4 is a perspective view of still another modified curtain fixture.

The invention in general is directed to curtain fixtures in which curtain rods of said fixtures are supported in cantilever fashion from a single, preferably central support, said rods being in telescopic relation to said support.

Prior to this invention, curtain rods were usually supported as beams, by means of two supporting brackets located at the sides of a window frame. In this type of construction, it was most difficult to remove the curtain rods from its supports without interfering with shades or their supports that might be fastened at the sides of the frames. Usually, the inner ends of the curtain rods were in sliding engagement, so that curtains had to be put on the rods before the rods were attached to their supports. In my invention the curtains may easily be slid on the rods at any time after said rods have been attached to their central

support. In this way, the difficulties of removing the curtain rods from their support when one wishes to remove the curtains from said rods is eliminated.

In accordance with the illustrative and preferred embodiments of the invention as shown in the accompanying drawings, the curtain rods in Fig. 1 are represented by 1, 1'. The curtain rods are conventionally tubular and are C-shaped in cross section as clearly shown in Fig. 2. The rods are supported by a central support member 2 located at the center of the window frame 3. The support 2 has a longitudinally extending arm 4, U-shaped in cross section as can be seen in Fig. 2. The arm 4 is connected to the front vertical portion 6 of an L-shaped bracket 5, said bracket also having an inwardly and horizontally extending member 7 and a downwardly extending member 8. As seen in Fig. 1, the downwardly extending member 8 has holes 8' into which screws, nails and other fastening means may be inserted. The horizontally extending member may be provided with a longitudinally extending rib 9, if so desired.

The curtain 10 is shown in Fig. 2 as being supported on the rod 1'. The outer ends of the rods may be provided with ornamental terminals if so desired, said terminals being designated by 11 and 11'. Instead of mere ornaments, curtain stops may be located at the ends of the rods, if desired.

As mentioned previously, the cross sections of rods 1, 1' are C-shaped so that the inner ends of the rods telescope over the opposite ends of the U-shaped arm 4. In this manner, the rods 1, 1', may easily be attached to and detached from the support arm 4 without interfering with any other members which may be attached to the window frame. It is also quite evident that the distance between the outer ends of the rods may be varied so as to be useful for various size curtains depending upon the size of the window frame. Curtains may be drawn over the rods 1—1' supported on the central support member by positioning the loop portion of the curtain on the outer ends of the rods and sliding the curtains inwardly on the rods.

A modified curtain rod fixture is shown in Fig. 3. In this modification, the rod 20, U-shaped in cross section, telescopes into arm 22, C-shaped in cross section, of central support 21 instead of telescoping over the supporting arm as does the modification shown in Fig. 1. Of course, since Fig. 3 is a central section, there is another rod not shown on the drawing which telescopes into the left end of the support 21. Support 21 consists of a horizontal arm 22 which is C-shaped in cross section. The horizontal arm is attached to a C-shaped member 24 of the bracket 23, said arm 22 telescoping over member 24 and welded thereto. Integral with the upper portion of member 24 is a horizontal supporting member 25 extending inwardly and having at its end a downwardly and vertically extending member 26. Extending downwardly and inwardly from the lower portion of member 24 is a supporting member 27, said member 27 integrally connected to said member 24 by horizontal member 28. The supporting member 27 extends downwardly at an angle and has at its end a vertical and downwardly extending member 29 similar to the member 26. The vertical members 26 and 29 are each provided with holes 26' and 29' into which screws, nails and other fastening means may be inserted.

In Fig. 4, the curtain rod fixture is comprised of round tubular members. The tubular curtain rod 30 telescopes over the tubular supporting arm 32 of the supporting bracket 31. Of course, another rod will telescope over the arm from the left end. The arm 32 is supported by a horizontal tubular arm member 33 extending inwardly and having at its end a vertically and downwardly extending base portion 34 having holes into which screws, nails and other fastening means may be inserted.

It is obvious that the fixture of my invention is readily assembled due to its simplicity of structure. The central support member is attached to the top horizontal member of a window frame at the center of said frame. The curtain rods are then mounted on said support as previously described and the curtains are then slid on said rods. Of course, the curtains may be positioned on said rods before the rods are mounted on their central support.

The invention in its broader aspects is not limited to the specific compositions and improvements described but departures may be made therefrom within the scope of the accompanying claims without departing from the principles of the invention and without sacrificing its chief advantages.

I claim:

1. A curtain fixture comprising a central supporting bracket, said bracket comprising a top rear vertical member, a transverse horizontal member extending outwardly from said top vertical member, a front member C-shaped in cross section, the top vertical portion of said front member being connected to said transverse horizontal member with the lower vertical portion being connected to a member which extends inwardly and horizontally and then downwardly to meet a bottom rear vertical member, said top and rear vertical members being adapted to be mounted at the central part of a window frame, a laterally extending channel supporting arm mounted on said front member of said bracket and a pair of channel curtain rods supported by said supporting arm, said rods being in telescopic relation to said supporting arm.

2. A curtain fixture as defined in claim 1 in which the rods telescope into the supporting arm.

3. A curtain fixture as defined in claim 1 in which the rods are U-shaped in cross section and the supporting arm is C-shaped in cross section.

4. A curtain fixture comprising a central supporting bracket, said bracket comprising mounting means including an outwardly extending horizontal member, a front member C-shaped in cross section with top and bottom end flanges lying in the same plane and extending toward one another, said front member connected at the free end of said top end flange to the forward free end of said horizontal member, said mounting means being adapted to be mounted in the central part of a window frame to constitute the sole means of attachment of the curtain fixture to the window frame, a laterally extending channel supporting arm mounted on said front member, said supporting arm having a pair of top and bottom flanges superimposed over said top and bottom flanges of said front member, and a pair of channel rods supported by said supporting arm, said rods being in sliding, telescopic relation to said supporting arm.

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