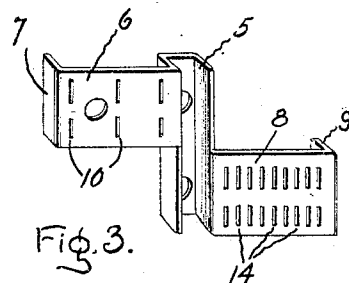
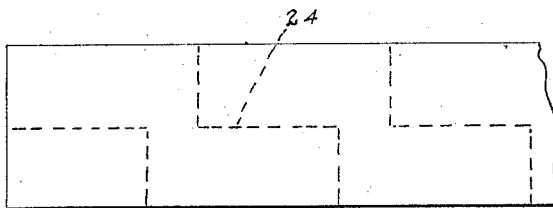
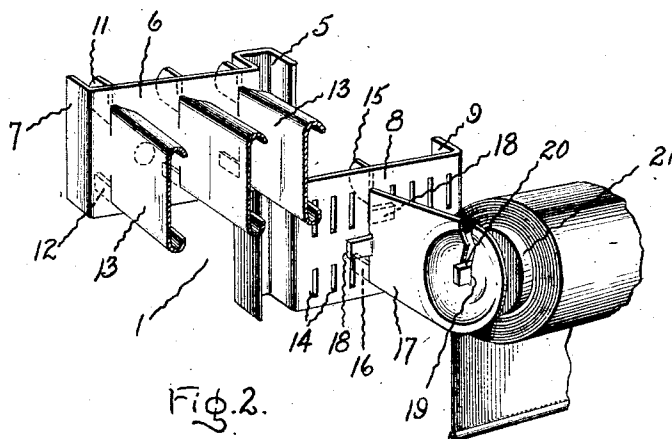
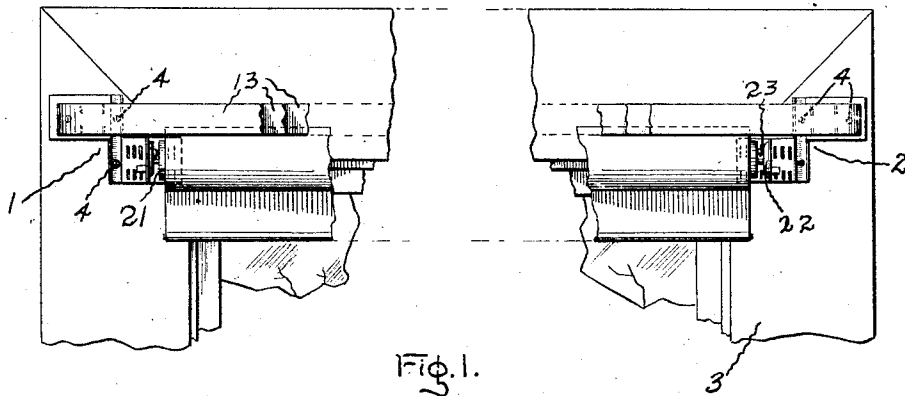


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SHADE AND CURTAIN FIXTURE
Filed Aug. 27, 1926

1,657,017



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UNITED STATES PATENT OFFICE.

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SHADE AND CURTAIN FIXTURE.

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The present invention relates to window fixtures such as are attached to window frames for supporting shade rollers and curtain rods, and especially to fixtures for use in houses.

In connection with shade roller and curtain rod fixtures it is desirable to provide supports which may be attached initially and permanently to a window frame and which are adapted to be adjusted whereby shade rollers of different lengths may be hung thereon and which are adapted to support the maximum number of curtain rods likely to be used. By the use of supports of this character, they become a permanent part of the window frame and do not require moving or changing whenever the shade rollers or curtain rods are changed. This avoids marring the window frames by repeatedly changing the fixture supports, a thing which occurs often when tenants move from one house to another.

The object of my invention is to provide an improved fixture support of the above referred type which while being efficient in service and capable of performing its intended function, at the same time is simple in structure and capable of being manufactured at a low cost. As will be appreciated, this latter feature is a thing of primary importance for fixtures of this character must necessarily sell at a low price.

For a consideration of what I believe to be novel and my invention, attention is directed to the following specification and the claims appended thereto.

In the drawing, Fig. 1 is a face view of the upper portion of a window frame provided with supporting fixtures embodying my invention; Fig. 2 is a perspective view of one of the supports and illustrates the manner in which a shade roller and curtain rods are supported thereon; Fig. 3 is a perspective view of the portion of the fixture which is attached directly to the window frame, and Fig. 4 is a view illustrating the manner in which the portion of the support which is attached directly to the window frame may be manufactured.

Referring to the drawing, my improved shade roller and curtain rod fixture comprises a left hand supporting member 1 and a right hand supporting member 2 which are fastened directly and permanently to a window frame indicated at 3 by suitable fastening means such as screws 4. The two sup-

porting members are alike in structure except that one is arranged for the left hand side of the window and the other is arranged for the right hand side of the window. The left hand supporting member is shown in detail in Figs. 2 and 3. It comprises a central trough shaped portion 5 the bottom of which fits directly against the window frame. Formed integral with the edge of the upper half of the outer wall of portion 5 is a plate 6 provided with an intumed flange 7 at its free end which engages the window frame, and formed integral with the edge of the lower half of the inner wall of portion 5 is a plate 8 provided with an intumed flange 9 which also engages the window frame. The entire structure may be formed from a single piece of sheet material. Plates 6 and 8 are thus offset vertically and laterally from each other, the plate 6 being higher than and outside of the plate 8. Plate 6 forms the support for the curtain rod or rods and plate 8 forms the support for the shade roller. Thus the shade roller is inside of and slightly below the top of a curtain hung from a curtain rod supported on plate 6.

Plate 6 is provided with a series of pairs of spaced slots 10, the slots of each pair being located in vertical alignment and being adapted to receive hooks 11 and projections 12 at the ends of curtain rods 13, the hooks entering the upper slots and the projections entering the lower slots. Curtain rods 13 may be formed in two telescoping halves as is usual so they may be adjusted in length.

Plate 8 is provided with a series of pairs of spaced slots 14, the slots of each pair being located in vertical alignment and being adapted to receive hooks 15 and projections 16 at the inner end of a shade roller supporting member 17, the hook entering an upper slot and the projection entering a lower slot. Member 17 is provided with two ears 18 which project in opposite directions and which engage the outer surface of plate 8. Ears 18 serve to hold member 17 against movement in a horizontal direction. In the outer end of member 17 is an opening 19 which receives the bearing pin 20 on the end of shade roller 21. Shade roller 21 is of usual construction.

The right hand fixture 2 is similar in structure to the left hand fixture 1 except that it is oppositely arranged as will be clear

from an inspection of Fig. 1. In the case of fixture 2, supporting member 22, corresponding to supporting member 17 of fixture 1, is provided with a central hole instead of an opening 19 in the form of an upwardly opening slot, the hole being adapted to receive the round pivot pin provided on the one end of a shade roller as is well understood. This pivot pin is shown at 23 in Fig. 1.

In the use of the invention, supporting members 1 and 2 are fastened to the right hand and left hand sides of the window as is shown in Fig. 1, the same being placed a distance apart equal the average length of a shade roller such as would be used with the window. The shade roller supports 17 and 22 are then placed in position in such of the slots 14 as will effect a spacing of them apart a distance to adapt them to receive the particular shade roller to be hung on them. If now at any time a shade roller of different length is to be hung at the window, then it is only necessary to adjust the members 17 and 22 to the desired slots. In this connection, it will be noted that the members 17 and 22 are hooked into place in a simple manner so that the matter of changing them from one pair of slots to another offers no difficulties and is a thing that can be done without the use of tools of any kind. One or more curtain rods 13 may be hooked into the pairs of slots 10, the curtain rods being of the usual adjustable type as pointed out above. The positioning of the curtain rods is a simple matter as is obvious. In the present instance I have shown the fixture as having a capacity for three curtain rods 13 but it may be made for a fewer or greater number if found desirable.

As will be clear, the fixtures 1 and 2 become a permanent part of the window structure, and since the supports for the shade roller may be adjusted to different distances apart, there arises no occasion requiring the fixtures to be moved. The pairs of slots 14 are spaced distances apart and the plate 8 is made of a length to meet the average conditions met with.

A primary advantage of my invention resides in the fact that it is very simple in structure and capable of being manufactured at a low cost. Fig. 4 is a view showing one way in which the parts which are attached to the window frame may be manufactured. They may be made by being cut from a straight strip of material as is indicated by the dotted lines 24, the same being cut out and then stamped to shape. As will be clear, there will be no waste of material owing to the shape of the blank required. Also the members 17 and 22 may be made by being stamped from sheet material and with a minimum of waste.

A further advantage of my invention re-

sides in the fact that when it is attached to a window frame, the supporting member is fixed firmly in position and provides a firm support for the shade roller and the curtain rod or rods. The bottom of the trough member 5 together with the two flanges 7 and 9 serve to support plates 6 and 8 firmly in spaced relation to the window frame so as to provide behind them spaces suitable for receiving hooks 11 and 15 and projections 12 and 16. Also the U-shaped member 5, because of its cross sectional contour, serves to give strength to the structure, and I consider this specific arrangement whereby I obtain substantial strength in a very simple structure capable of being made by stamping and without waste of material as being an important structural feature of my invention.

When curtains are draped on curtain rods 13, the curtain or curtains cover the shade roller and also the fixture which serves to improve the appearance of the window. Also by providing for the hanging of one or a plurality of curtains, the fixtures afford opportunity for the greatest variety in window decorations, and with the least possible inconvenience to gain the result desired.

In accordance with the provisions of the patent statutes, I have described the principle of operation of my invention together with the apparatus which I now consider to represent the best embodiment thereof, but I desire to have it understood that the apparatus shown is only illustrative and that the invention may be carried out by such other means as come within the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent of the United States, is:—

1. An adjustable shade roller and curtain fixture comprising a trough shaped central member, plates formed integral with edges of said member and extending at a right angle thereto, said plates being provided with spaced supporting openings, and flanges at the ends of said plates, the bottom wall of said central member and said flanges being adapted to engage a window frame to hold the plates in spaced parallel relation to a window frame.

2. An adjustable shade roller and curtain fixture, comprising a continuous strip of material formed to provide two plates and parts for supporting said plates in spaced parallel relation to a window frame, said plates being offset vertically relatively to each other and being provided with spaced supporting openings.

3. An adjustable shade roller and curtain fixture comprising a trough shaped central member, a curtain rod supporting plate formed integral with the upper portion of the edge of the outer wall of said member, a shade roller supporting plate formed integral with the lower portion of the edge of

the inner wall of said member and flanges at the ends of said plates adapted to engage a window frame, said plates being provided with spaced supporting openings.

5 4. An adjustable shade roller and curtain rod fixture comprising a trough shaped central member, plates formed integral with edges of said member, said plates being provided with spaced supporting openings,
10 flanges at the ends of said plates, the bottom wall of said central member and said flanges being adapted to engage a window frame, and curtain rod supports and shade roller supports having hooked ends adapted
15 to engage in said supporting openings.

5 5. The combination with a plate and means for supporting it in spaced relation to a window frame, said plate being provided with pairs of spaced openings, of a shade
20 roller supporting member having a hook and a projecting member adapted to enter a pair of said openings to fasten the supporting member to the plate, said hook engaging behind the upper edge wall of the one opening and said projecting member being located
25 in the upper portion of the other opening, and stop means carried by said member which engages the front surface of said plate for limiting the movement of the
30 hook and member through the slots.

6. The combination with a plate and

means for supporting it in spaced relation to a window frame, said plate being provided with pairs of spaced openings, of a shade roller supporting member having a hook and
35 a projection adapted to enter a pair of said openings to fasten the supporting member to the plate, and a pair of ears on the supporting member which ears engage the surface of the plate, said hook engaging behind
40 the upper edge wall of the one slot and said projecting member being located in the upper portion of the other slot.

7. In a fixture of the character described, the combination of a plate having flanges at
45 its ends adapted to engage a window frame to hold the plate in spaced relation to the window frame, said plate being provided with vertically-aligned upper and lower slots, and a supporting member having a rearwardly-projecting, upwardly-facing hook
50 at its upper rear corner and a rearwardly-projecting finger at its lower rear corner, said hook and finger being adapted to enter the vertically-aligned slots, the hook engaging behind the wall at the upper edge of the
55 slot through which it extends whereby the supporting member is held in position.

In witness whereof, I have hereunto set my hand this 25th day of August, 1926.

WILL H. LAMBERSON.