J. C. HENSON.

SHADE BRACKET.

APPLICATION FILED NOV. 5, 1918.

1,346,749.

Patented July 13, 1920.

2 SHEETS—SHEET 1.

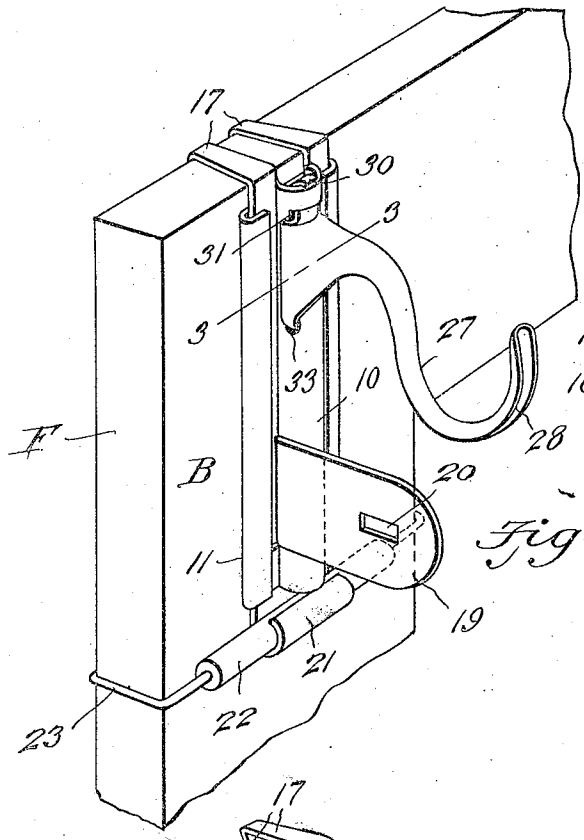

Fig. 1.

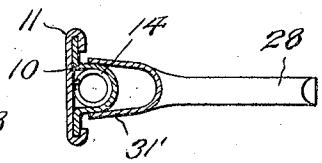

Fig. 3.

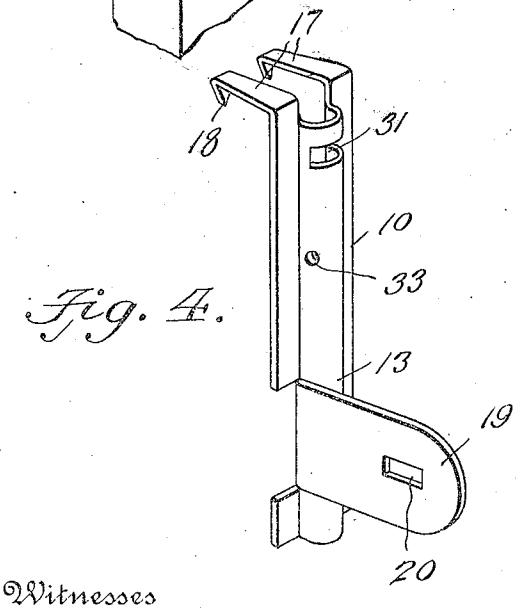

Fig. 4.

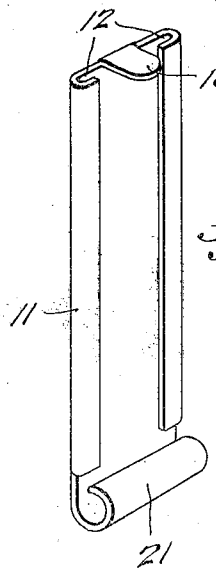

Fig. 5.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 2.

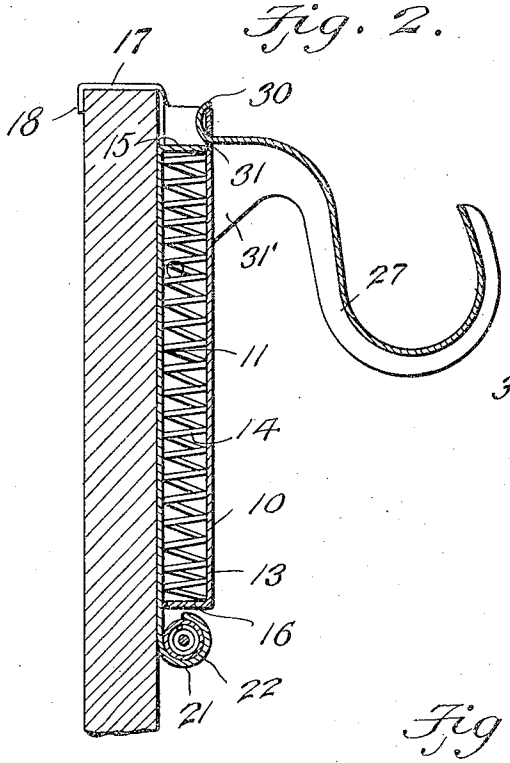


Fig. 6.

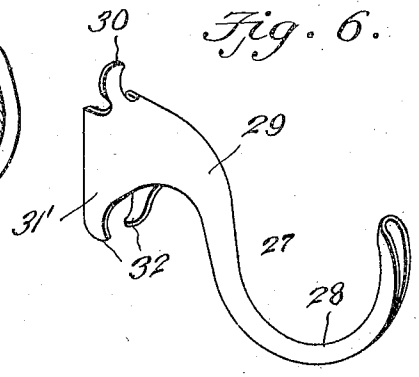


Fig. 7.

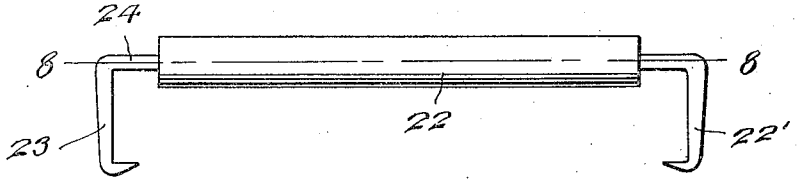
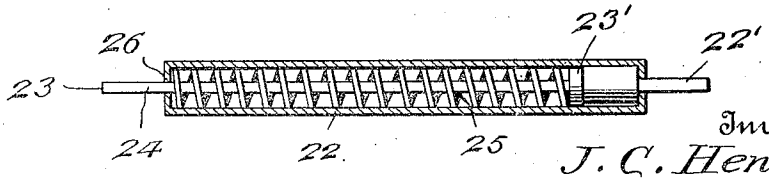


Fig. 8.



Witnesses

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UNITED STATES PATENT OFFICE.

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SHADE-BRACKET.

1,346,749. Specification of Letters Patent. Patented July 13, 1920.

Application filed November 5, 1918. Serial No. 261,291.

To all whom it may concern:

Be it known that I, JOHN C. HENSON, a citizen of the United States, residing at Zwolle, in the county of Sabine and State of Louisiana, have invented new and useful Improvements in Shade-Brackets, of which the following is a specification.

This invention relates to improvements in shade brackets, the object being to provide a simple, inexpensive bracket which may be quickly attached to or removed from a window frame without marring the frame in any manner.

Another object is to provide a shade bracket which may also be used to support a curtain pole if desired, the curtain bracket being detachably secured thereto in a manner to permit of its removal, so as to present a neat and attractive appearance when the curtain is not in use.

Another object is the provision of novel means for attaching the bracket to the frame, so that the said bracket may be adjusted transversely of the window to support a shade or curtain of various widths.

A further object is the provision of a bracket which may be stamped from sheet metal and provided with interlocking means for the various parts, to provide for ease in assembling and for reducing the cost of manufacture.

Other objects and advantages of the invention will appear as the following description is read in connection with the accompanying drawings.

In the drawings:—

Figure 1 is a perspective view of a combined shade and curtain bracket constructed in accordance with the present invention and shown applied to a portion of a window frame;

Fig. 2 is a longitudinal central sectional view of the same;

Fig. 3 is a transverse sectional view on the line 3—3 of Fig. 1;

Fig. 4 is a perspective view of the upper member of the bracket;

Fig. 5 is a similar view of the lower member;

Fig. 6 is a like view of the detachable curtain bracket;

Fig. 7 is a detail plan view of the lower slidably mounted hook member; and

Fig. 8 is a sectional view on the line 8—8 of Fig. 7.

Referring to the drawings in detail, wherein like characters of reference denote corresponding parts, the bracket in its entirety is designated by the letter B and is shown in position on one corner of a window frame or casing, which is indicated at F.

The bracket includes an upper member 10 and a lower member 11, preferably stamped from sheet metal and slidably joined together in a manner to permit of relative longitudinal movement. For this purpose the lower member 11 is provided at each of its longitudinal side edges with inturned flanges to provide opposite grooves 12, within which the upper member 10 is adapted to slide. The upper member 10 is formed with a centrally located longitudinally disposed substantially cylindrical portion 13, which projects outwardly between the flanges which form the grooves 12 and together with the lower member 11, form a housing for a compressible spring 14. The upper end of this spring abuts against an inturned lug 15 carried by the lower member 11 and the lower end of the spring abuts against the end 16 of the cylindrical portion 13. This spring acts to normally retain the members 10 and 11 in a contacted or inward position, but permits of a yielding sliding movement of the same members.

The upper member 10 has its upper end bifurcated to provide substantially parallel arms 17, which are bent at right angles to the said member and are further provided at their extremities with downwardly projecting prongs 18. The arms 17 are designed to be positioned across the upper edge of the window frame with the prongs 18 at the rear thereof. The upper member 10 is further provided with an outwardly extending shade bracket 19, preferably formed by bending outwardly a strip of material of which the upper member is formed. The bracket 19 is provided with the usual opening 20 for the reception of one end of the shaft roller.

The lower member 11 has its lower extremity rolled to provide a bearing 21, in which is slidably mounted a sleeve 22. This sleeve has permanently secured in and projecting from one end thereof a hook member 22′, while a similar hook member 23 projects from the opposite end of the said sleeve. The hook member 23 is formed with a shank 24 which extends within the sleeve 22 and is provided at its entrance with a head 23′, the shank being of sufficient size

to provide a space between its periphery and the inner diameter of the sleeve. The shank 24 is surrounded by a compressible spring 25, one end of which bears against the head 23′ and the opposite end against a flange 26 located at the end of the sleeve 22 and surrounding the said shank. As before stated the sleeve 22 is slidably mounted within a bearing 21 and when the hooks 23 and 22′ are secured upon the window frame in the manner shown in Fig. 1, the bracket B may be adjusted in a direction transverse of the window frame for the accommodation of shades of different widths.

In addition to providing for the support of a window shade, the bracket B is also designed for the purpose of providing a support for a curtain pole. To this end there is provided a curtain bracket 27, which includes a hook like member 28 and a relatively small upwardly extending hook 30 which is adapted for insertion within the slot 31 provided in the upper end of the cylindrical portion 13 of the upper member 10. The body portion 29 is further provided with side arms 31′, which are resilient in character and have their lower extremities terminating in inwardly projecting spring fingers 32, adapted to be positioned in oppositely located openings 33 formed in diametrically opposite sides of the cylindrical portion 13 of the member 10. By this means the curtain bracket 27 may be secured to the upper member 10 by inserting the hook 30 within the slot 31 and pressing the side arms 31′ inwardly until the spring fingers 32 engage the openings 33. When it is desired to remove the bracket 27 the fingers 32 may be disengaged from the openings 33 by inserting the screw driver or other tool beneath the side arms 31′, whereupon the said bracket may be detached.

It is believed that when the foregoing description is read in connection with the accompanying drawings, the operation, construction and advantages of the invention will be apparent. The right is reserved to make such changes in the form and proportions as properly fall within the scope of the appended claims.

Having described the invention, what is claimed is:—

1. A shade bracket comprising upper and lower members slidably joined together and capable of relative longitudinal movement, a compressible spring disposed between opposite ends of each of said members to force them normally inward, a housing for said spring, shade and curtain brackets carried by one of said members, a bearing located at the lower end of the lower slidably joined member, a sleeve mounted for sliding movement in said bearing and oppositely extending yieldably mounted extensible hooks projecting from each end of said sleeve.

2. A shade bracket comprising upper and lower members slidably joined together and capable of relative longitudinal movement, a compressible spring disposed between opposite ends of each of said members to force them normally inward, a housing for said spring, a shade supporting bracket carried by one of said members, means carried by each of said members for removably securing them to a window frame, a curtain bracket and resilient means for removably securing the curtain bracket to one of the members.

3. A shade bracket comprising upper and lower members slidably joined together and capable of relative longitudinal movement, a compressible spring disposed between opposite ends of each of said members to force them normally inward, a housing for said spring, a shade supporting bracket carried by one of said members, means carried by each of said members for removably securing them to a window frame, a curtain bracket and means including inwardly projecting resilient fingers for removably securing the curtain bracket to one of the members.

4. A shade bracket comprising upper and lower members slidably joined together and capable of relative longitudinal movement, a longitudinally disposed semi-circular offset portion formed in the upper member, which, together with the lower member defines a housing, a compressible spring disposed between opposite ends of each of said members to force them normally inward, shade and curtain brackets carried by one of said members and means carried by each of the members for detachably securing the brackets to a window frame.

In testimony whereof I affix my signature.

JOHN C. HENSON.