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J. E. CAMPBELL.

BRACKET.

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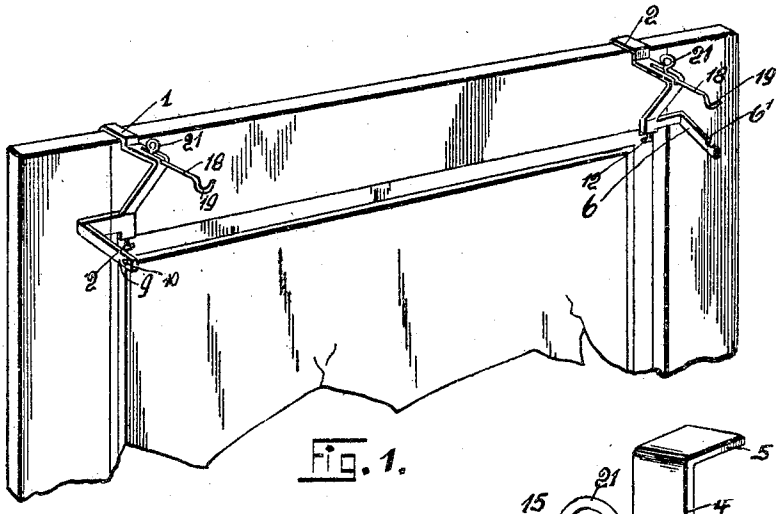


Fig. 1.

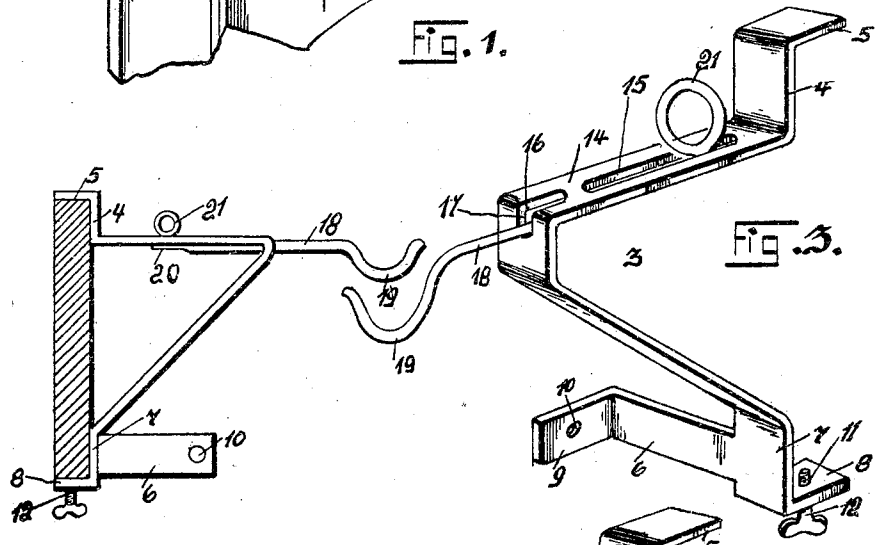


Fig. 2.

Fig. 3.

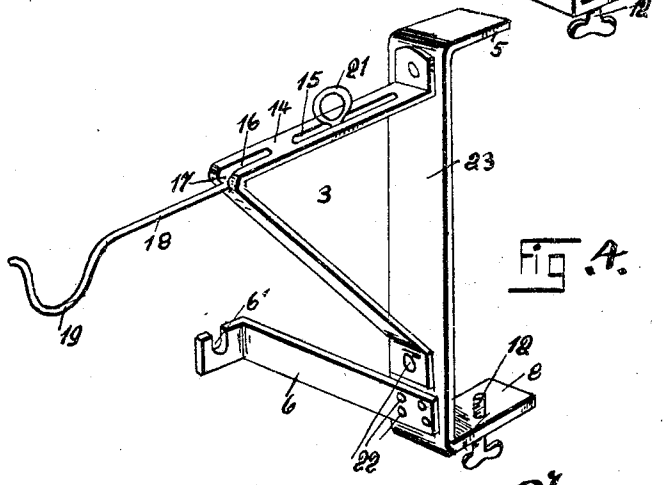


Fig. 4.

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No. 795,101. Patented July 18, 1905.

UNITED STATES PATENT OFFICE.

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BRACKET.

SPECIFICATION forming part of Letters Patent No. 795,101, dated July 18, 1905.

Application filed October 27, 1904. Serial No. 230,259.

To all whom it may concern:

Be it known that I, JOSEPH E. CAMPBELL, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Brackets, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in brackets, and more particularly to that character of bracket which is adapted to be employed in connection with window-frames for supporting a curtain-pole and shade-roller.

The object of the present invention is to provide a bracket which may be stamped from sheet metal and constructed wherein the same may be easily and quickly secured to the frame of a window, means being provided in connection with said bracket whereby a curtain-pole may be adjustably mounted thereon and a shade-roller retained within said brackets.

Another object of this invention is to provide a bracket for a window-frame which will be extremely simple in construction, strong and durable, comparatively inexpensive to manufacture, and highly efficient for the many purposes for which it is intended.

With the above and other objects in view the invention finally resides in the novel construction, combination, and arrangement of parts, which will be hereinafter more fully described and then specifically pointed out in the claims, and, referring to the drawing accompanying this application, like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a perspective view of the top of a window-frame, showing two brackets mounted in position and ready to receive a curtain-pole and shade-roller. Fig. 2 is a side elevation of one of the brackets, showing the same applied to the transverse frame of a window. Fig. 3 is a perspective view of one of my improved brackets, and Fig. 4 is a similar view of a modified form of construction which may be employed in connection with my improved bracket.

In the drawings accompanying this application I have illustrated my improved brackets as being employed in connection with window-frames for supporting curtain-poles and shade-rollers in their proper position in relation to said window-frames; but I do not care to limit myself to this use of my improved brackets, as the same may be readily employed for supporting draperies and the like over doorways and similar places where my improved brackets could be readily secured.

The reference-numerals 1 and 2 designate two brackets which are constructed in accordance with my invention, and as these brackets are somewhat similar in construction I deem it only necessary to describe one of said brackets, and reference will be had to Fig. 3 of the drawings, wherein the construction of my improved bracket is clearly shown.

I preferably construct my improved brackets of sheet metal, and each bracket is adapted to be stamped from a sheet of metal, forming a blank or strip of metal having a right-angular extension. The strip which is stamped from a sheet of metal is then bent to conform to the shape shown in Fig. 3 of the drawings. The central portion of the strip is bent to form a substantially **V**-shaped portion, as designated by the reference-numeral 3. The one end of this **V**-shaped portion is then bent upwardly, as designated at 4, and rearwardly, as designated at 5. The other end of the **V**-shaped portion, which carries the right-angular extension 6, is bent downwardly, as at 7, and rearwardly at right angles to the part 7, as designated by the reference-numeral 8. The end of the right-angular extension 6 is then bent forwardly and indicated at 9, and this end is provided with an aperture 10. The rearwardly-bent portion, as designated by the reference-numeral 8, is provided with a screw-threaded aperture 11, in which is mounted a thumb-screw 12, the object of which will be presently described.

In the formation of my improved brackets I construct the same whereby the rearwardly extending portions 5 and 8 will lie in a plane parallel to one another, and I preferably construct the one side of the **V**-shaped portion as designated by the reference-numeral 14 in a plane parallel to that of the rearwardly-ex-

tending portions 5 and 8. The side of the V-shaped portion as designated by the reference numeral 14 is provided with two slots 15 and 16, the slots 16 being formed adjacent to the vertex of the V-shaped portion 3, and a part of this slot extends downwardly into the vertex of the V-shaped portion 3 as indicated at 17. In this slot is mounted a rod 18, the forward end of which is hook-shaped, as indicated at 19, while the other end thereof is flattened, as indicated at 20, and is provided with a rotatable eye-pin 21, which is adapted to extend upwardly through the slot 15 and be locked upon the top surface of the portion 14 of the bracket.

The bracket as designated by the reference-numeral 2 is identical to the bracket just described, with the exception that the right-angular extension 6 is provided with a slot 6', and these right-angular extensions are adapted to support the curtain-shade roller, which is mounted in the aperture 10 and the slots 7 of the extensions of said brackets. The brackets are secured to the window-frame by engaging the rearwardly-extending portions 5 upon the top edge of the frame and engaging the rearwardly-extending portions 8 under the frame and locking the same in engagement with the frame by a set-screw 12, which is carried by each rearwardly-extending portion 8. The distance at which the curtain-pole is supported from the window-frame may be governed by the position of the rods within the brackets, and these rods are adapted to support the curtain-pole in the hook-shaped portions 19, and said rods are adjusted in the brackets by the rotatable eye-pins 21. The rods 18 may be removed from the brackets by turning the eye-pins, whereby the pins may be withdrawn from the slots 15 of the brackets, at which time the rods may be manipulated to remove the hooked portion 19 of the slots 18 from each bracket.

In Fig. 4 of the drawings I have illustrated a modified form of construction wherein the bracket is formed of a plurality of pieces, the substantially V-shaped portion 3 of the bracket being formed of a separate piece from the remainder of the bracket, this also being true of the right-angular extension 6, which is formed of a separate strip of metal. These pieces—namely, the substantially V-shaped portion 3 and the angular extension 6—are secured by rivets 22 to a strip of metal 23, which carries the rearwardly-extending portions 5 and 8. By this construction the durability and strength of the bracket are increased, and while I have herein shown the preferred manner of constructing my improved brackets I do not care to confine myself to the particular shape of the same and may make such changes in the details of construction as will be permissible by the scope of the appended claims.

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

1. In a device of the character described, the combination of a vertical strip of metal having a right-angular extension at its upper and lower end, a thumb-screw passing through one of said extensions, a substantially V-shaped portion carried by said strip and having slots in its upper arm, and an L-shaped extension carried by said strip below said V-shaped portion and having an aperture in its outer end; with an adjustable pole-supporting arm received in the slots of the V-shaped portion and a set-screw carried by said arm and passing through one of the slots in said V-shaped portion.

2. A bracket comprising a substantially V-shaped member having angular, rearwardly-projecting ends, and having one arm of said member slotted, an adjustable pole-supporting arm carried in said slotted arm, an extension at the lower end of the V-shaped member and extending at right angles to the slotted arm of said member, said extension having its free end bent at right angles to the body of the extension and provided with an opening, as and for the purpose described.

In testimony whereof I affix my signature in the presence of two witnesses.

JOSEPH E. CAMPBELL.

Witnesses:

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