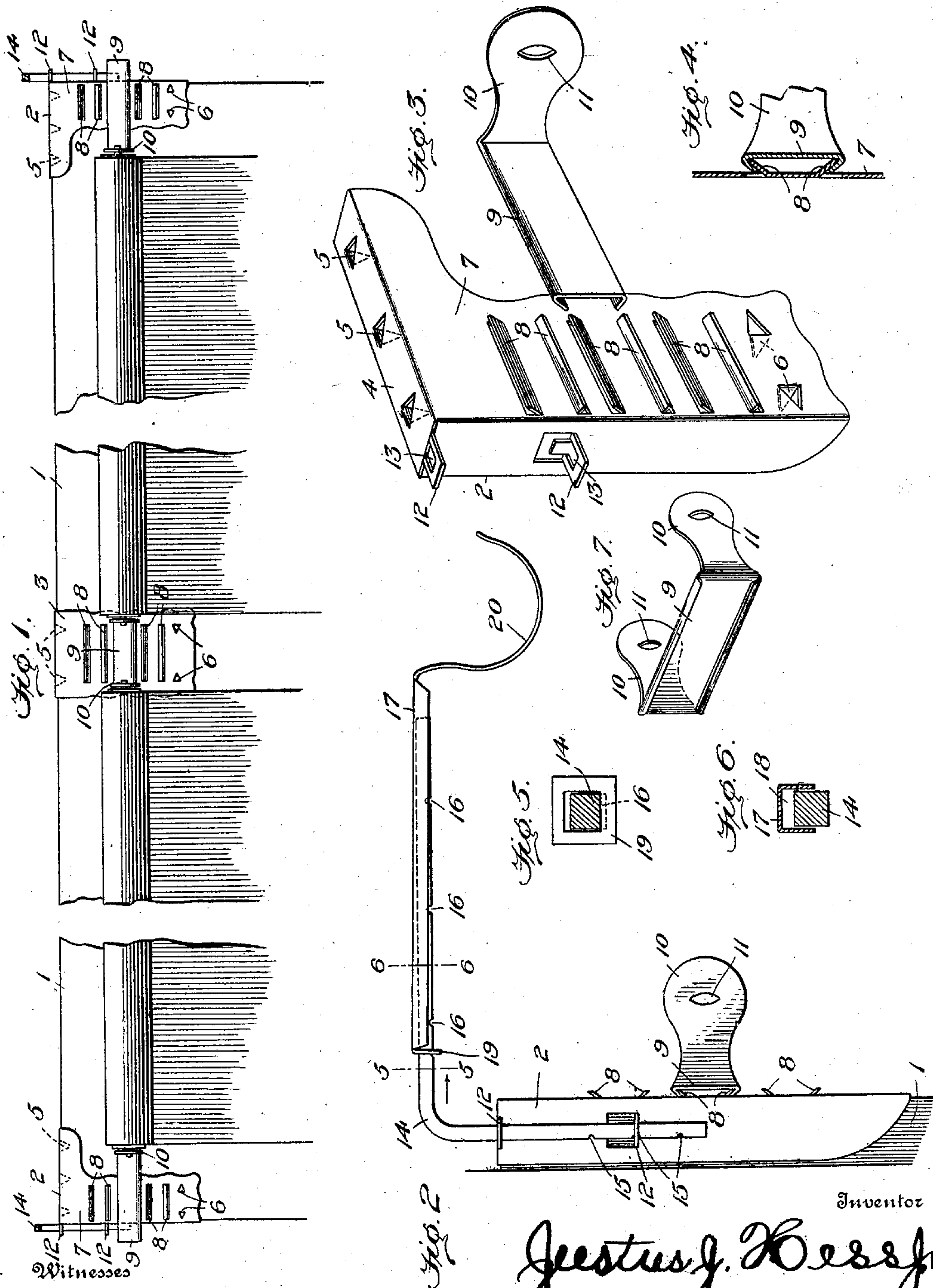


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CURTAIN POLE SUPPORT AND SHADE ROLLER HANGER.
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CURTAIN-POLE SUPPORT AND SHADE-ROLLER HANGER.

No. 915,598.

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To all whom it may concern:

Be it known that I, JUSTUS J. HESS, Jr., a citizen of the United States, residing at Tarentum, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Pole Supports and Shade-Roller Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to curtains, shades and screens, but has particular reference to combined shade or curtain hangers and pole supports for household use.

It has for its object the production of light, durable and universally adjustable fixtures for the purposes aforesaid, which are readily applied to window frames or cornices without the use of nails or other independent fastening devices, and also without injury to the woodwork so commonly experienced with the usual hangers and pole supports.

As a further object my invention provides for windows of varying widths, for single windows or twin windows, and is designed, arranged and adapted to present a highly ornamental appearance, as well as to produce fixtures of greater adaptability and greater efficiency than heretofore.

With these and other objects in view the invention consists in certain novel features of construction hereinafter described and pointed out in the claims following.

In the accompanying drawings which form part of this application, and whereon corresponding reference numerals indicate like parts in the several views: Figure 1 represents in front elevation a complete set of combined shade and curtain fixtures, the latter broken away for economy of space, but shown more in detail elsewhere. Fig. 2 is a side elevation on an enlarged scale of one curtain pole-support, and one shade fixture or bracket. Fig. 3 is a perspective view of one supporting corner bracket with its adjustable shade hanger projected to one side. Fig. 4 is a fragmentary side elevation of the hanger shown by Fig. 3, and a vertical section through its supporting bracket. Fig. 5 is a transverse section on the line 5—5, of Fig. 2. Fig. 6 is also a transverse section taken on the line 6—6 Fig. 2, and, Fig. 7 is

a perspective view of one double shade hanger for use as a central twin-window attachment.

Reference being had to the drawings and numerals thereon, 1 represents the top of a double or twin window frame, and 2, 2 oppositely arranged corner brackets affixed thereto, while 3 represents an intermediate supporting bracket in like manner affixed to frame 1. The corner brackets 2, 2 are practically counterparts one of the other, wherefore a description of one will readily be applied to both. These side or corner brackets 2 are by choice blanked from a single piece of sheet metal, preferably light gage steel, in substantially the form represented by Fig. 3 of the drawings. From the upper folded edge 4 are punched vertical fastening prongs 5, 5, 5 for engagement with the top of frame 1, and in like manner are produced horizontal prongs 6, 6 near the lowermost edge of its face 7. Above the last named fastening prongs 6, 6, also in said face 7 are formed integral horizontal flanges 8, 8 arranged in diverging pairs as shown by Figs. 1 and 3, to receive a correspondingly flanged horizontally slidable shade-roller-hanger 9 in dovetailed relation. The last named member, hanger 9, is provided with the usual forwardly projecting or offsetting head 10, perforated as at 11 to receive one or the other end of a shade-roller as usual.

Projecting from the outer flanged side of bracket 2 and integral therewith, are horizontal ears 12 broken by perforations 13 in vertical alinement, the latter to receive an angle iron or carrier 14 forming part of a curtain pole support, and notched on two surfaces as at 15, 16 for purposes that will later appear. Upon the horizontal portion of said carrier 14 is adjustably mounted the pole-support proper or extension member 17, channeled as at 18 to partially embrace said carrier 14, and fitted at its innermost end with an eye 19 encircling it; while its outer end is finished by a hook-shaped or other suitable seat 20 for the curtain pole (not shown).

Obviously two sets of corner fixtures as above described may be oppositely arranged upon a single window there affording suitable and universally adjustable supports for a shade-roller, and also for a curtain pole;

but in the case of a double window as shown by Fig. 1 the central double bracket 3 is employed. This center bracket 3 like the corner brackets aforesaid, is by preference a unitary structure, having a top angular flange, vertical fastening prongs 5, 5, horizontal prongs 6, 6, and surface flanges 8, 8, the latter arranged in diverging pairs corresponding with those of the corner brackets hereinbefore described and for like purposes. But, by reference to Fig. 7 it will be noted that the hanger here used differs from that heretofore described in that it is double, having two forwardly projecting or offsetting heads 10, 10, each perforated as at 11 to receive, in this instance, opposite ends of adjacent shade-rollers, as illustrated by Fig. 1.

This being a description of my invention, its use and operation are quite apparent, and need not therefore be dwelt upon at length; it may be noted, however, that in applying these present fixtures to window frames in position for use, the supporting brackets 2, 2 and 3 are retained in their respective positions solely by agency of their prongs 5 and 6, which are quickly embedded in the woodwork. When so located it is obvious that the vertical position of corresponding and co-acting hangers 9, 9 is determined by the particular set of flanges 8 upon which said hangers are slidingly mounted, and also that a lateral adjustment of said hangers is thus obtained to provide for shade rollers of varying lengths.

It will also be noted that the central bracket 3 for use upon twin windows as shown, in like manner provides for the vertical adjustment of adjacent ends of two rollers, but so far as a lateral adjustment at this point is concerned same is unnecessary.

It will further be noted that the curtain-pole support 17 is capable of adjustment in two directions. The carrier 14 moves vertically in perforated ears 12 one of which is adapted to engage one or the other of the notches 15 on said carrier to assist in retaining it in a predetermined position; and the pole support 17 being movable horizontally upon said carrier, these latter parts in like manner being relatively secured in predetermined position by means of eye 19 engaging one or the other of the notches 16 upon said carrier member.

The foregoing is the best form of my invention at present known to me, but I desire it understood that the parts herein shown and described may be variously changed, rearranged and modified without departing from the spirit of my invention as set forth in the following claims.

1. In a set of window fixtures the combination with side brackets, of shade-roller-hangers adjustable upon said brackets, a bracket intermediate of those aforesaid, a

shade roller hanger adjustable upon the latter bracket, and shade rollers connecting said hangers, substantially as described.

2. In a set of window fixtures the combination with side brackets each having a series of surface flanges arranged in pairs, of shade-roller-hangers adjustably mounted upon one pair of flanges on each of said side brackets a bracket intermediate of those aforesaid having a series of surface flanges also arranged in pairs, a shade-roller-hanger adjustably mounted upon one of the last named sets of flanges, and shade rollers connecting said hangers substantially as described.

3. In a set of window fixtures the combination with oppositely arranged corner brackets having integral fastening means, of shade-roller-hangers adjustable upon said brackets, a bracket intermediate of those aforesaid having integral fastening means, a shade-roller-hanger adjustable upon the latter bracket and shade rollers connecting said hangers substantially as described.

4. In a window fixture the combination with a bracket having a vertical series of surface flanges arranged in diverging pairs, of a horizontally adjustable shade-roller-hanger adapted to engage in dovetailed relation with either set of said flanges, and means integral with said bracket for securing same in position, substantially as described.

5. In a window fixture the combination with a bracket having folded edges for overlapping the top and sides of a window-frame, of a vertical series of flanges upon the surface of said bracket, arranged in pairs, a laterally adjustable shade-roller-hanger adapted to engage either set of said flanges, and integral prongs projecting from the bracket to secure same in position, substantially as described.

6. In a window fixture the combination with a bracket having angular top and side folds, of flanges upon the surface of said bracket arranged in pairs, a shade-roller-hanger laterally adjustable upon said flanges, perforated ears projecting from said side fold, a pole carrier mounted in said ears, and a pole support adjustably mounted upon said carrier, substantially as described.

7. In a window bracket the combination with an adjustable shade-roller-hanger and an adjustable curtain pole support the latter comprising an angular carrier having a horizontal arm vertically movable upon said bracket, a channeled extension member slidingly mounted upon said horizontal arm having a terminal seat for a curtain pole, and means for retaining said pole support in its adjusted positions, substantially as described.

8. As an article of manufacture a double window fixture for twin windows having a double shade-roller-hanger vertically adjust-

able upon said fixture and adapted to receive opposite ends of adjacent shade rollers, substantially as described.

5 9. As an article of manufacture a double window fixture for twin windows having a series of horizontal surface flanges arranged in pairs, a double shade-roller-hanger adapted to be supported by either pair of said surface flanges, a horizontal fold at the top of said

fixture, and prongs projecting from said fold- 10 ed portion for securing the fixture in position, substantially as described.

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

JUSTUS J. HESS, JR.

Witnesses:

D. R. SPAHR,
JOHN KEHR.