

A. PAGNARD, M. MUNSON & F. GLAUSER.
 DEVICE FOR SUPPORTING CURTAIN POLES AND SHADE ROLLERS.
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Fig. 1.

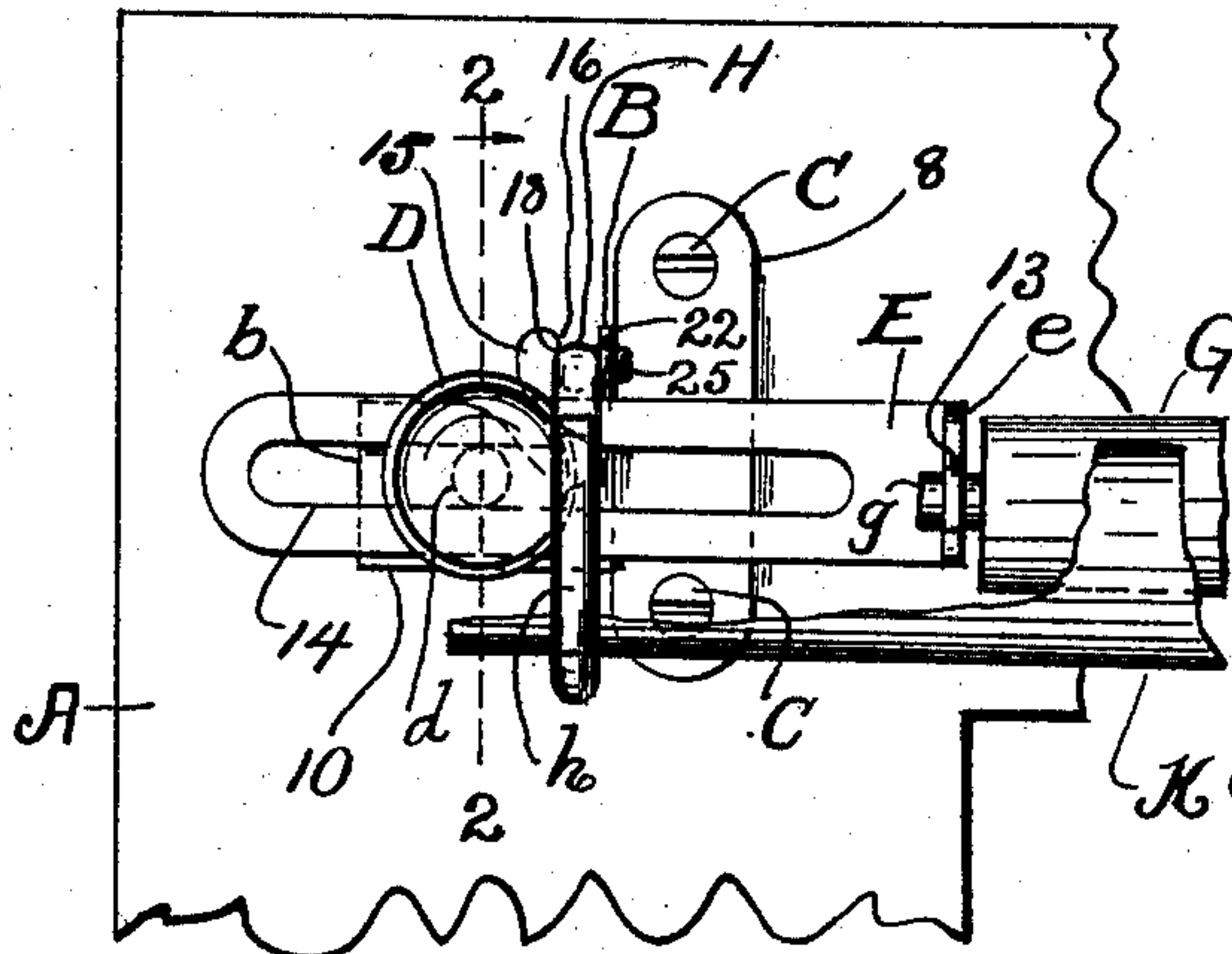


Fig. 3.

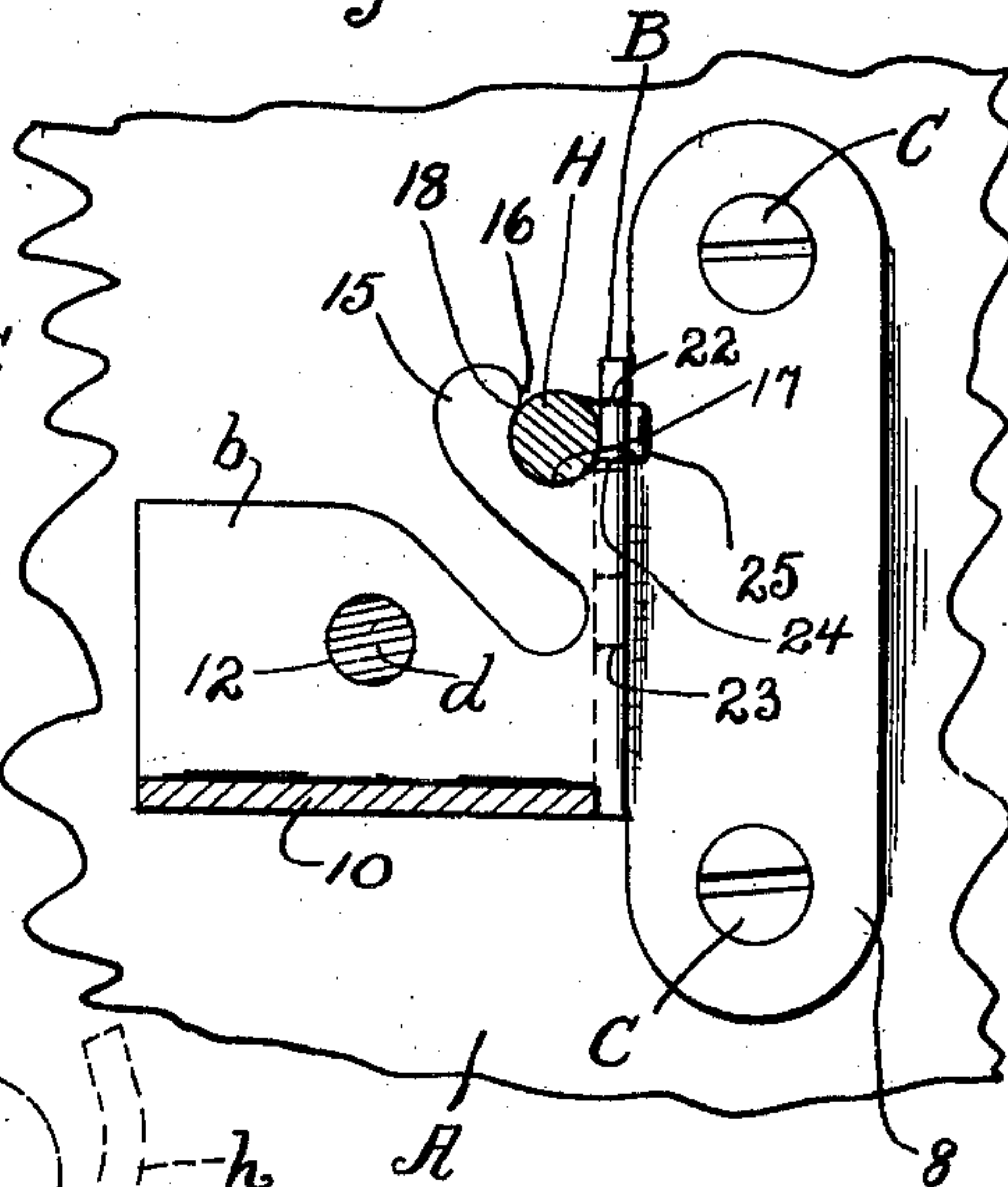


Fig. 2.

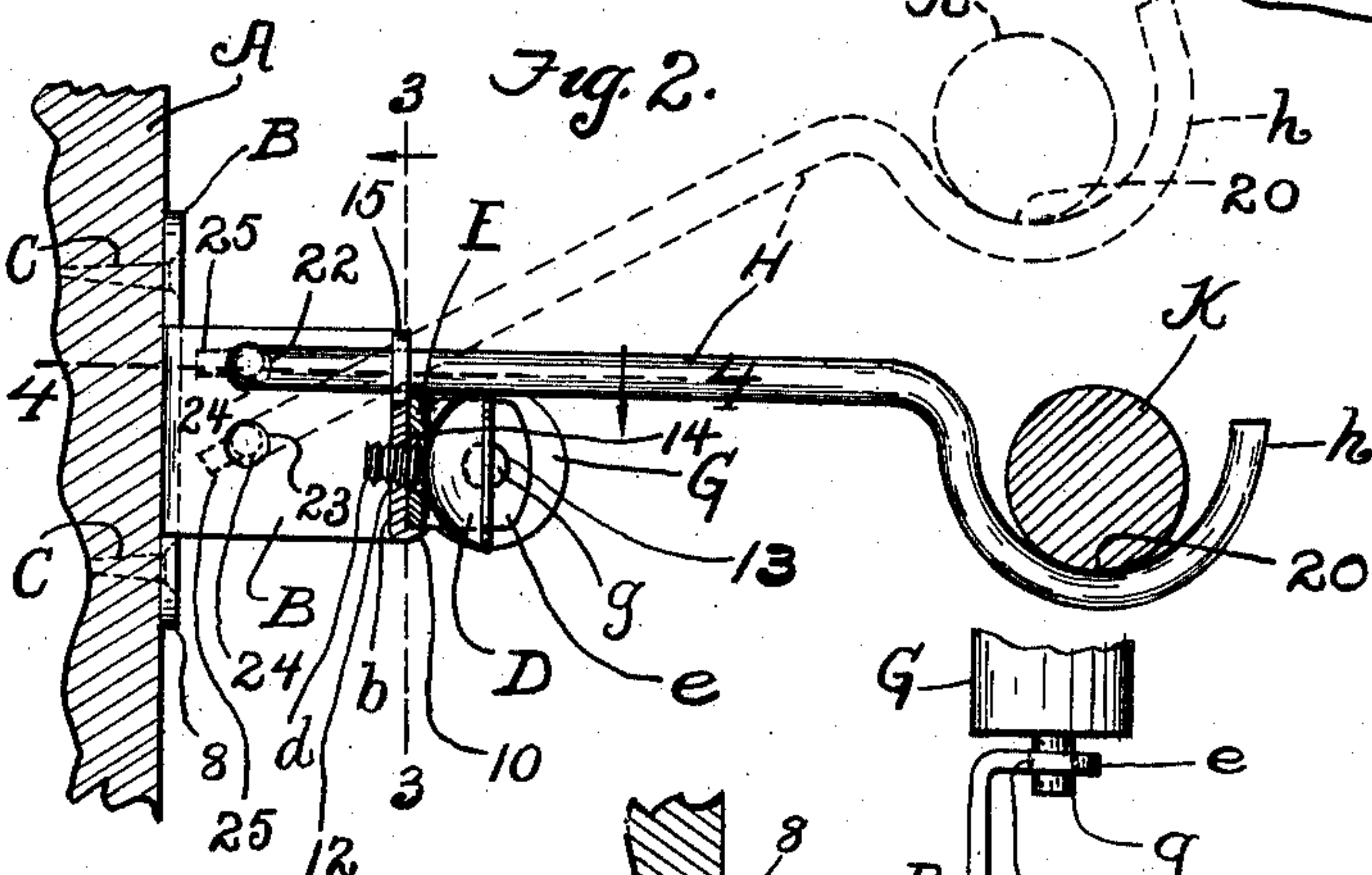
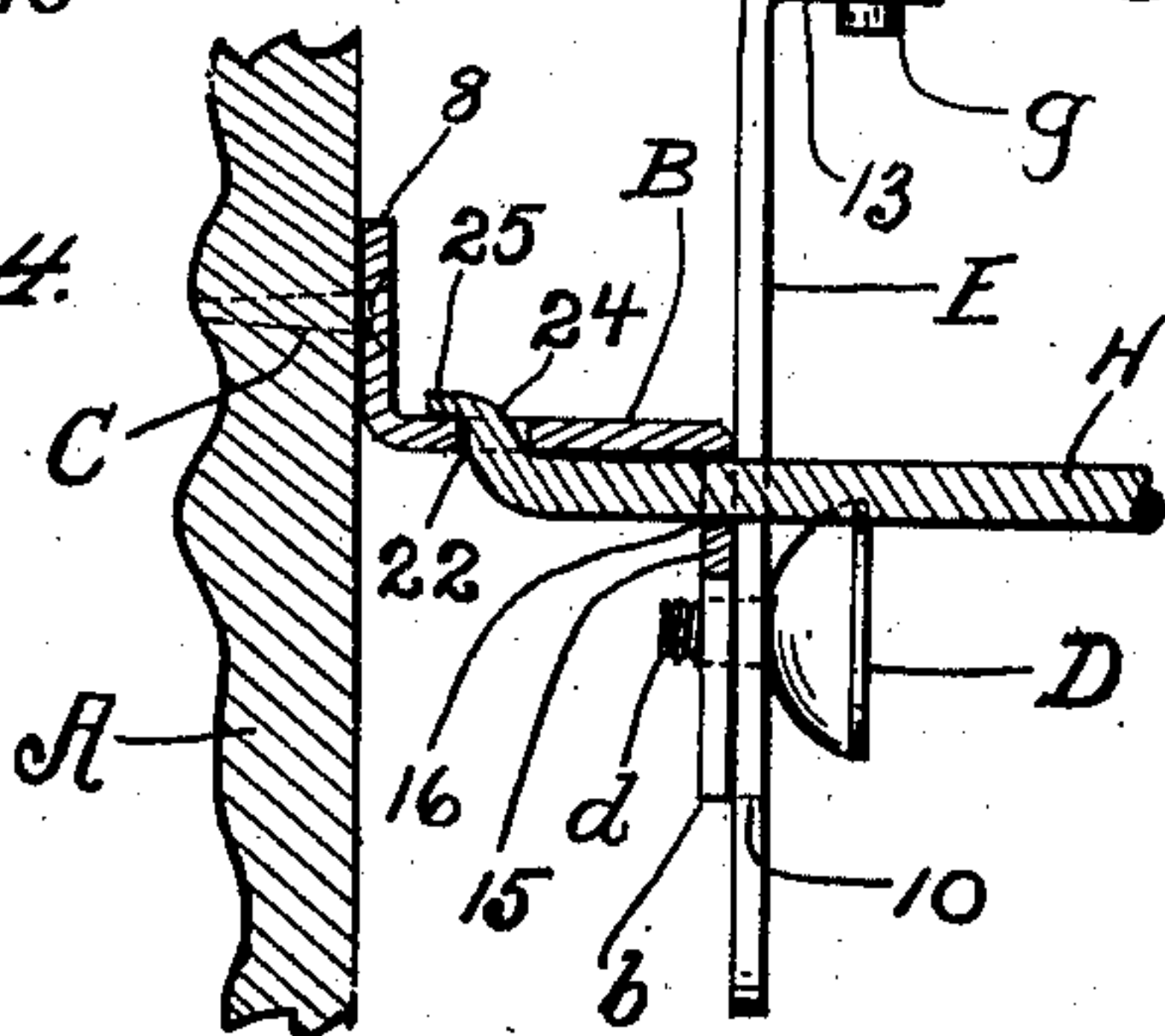


Fig. 4.



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UNITED STATES PATENT OFFICE.

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DEVICE FOR SUPPORTING CURTAIN-POLES AND SHADE-ROLLERS.

963,467.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, AMOS PAGNARD, a citizen of the Republic of Switzerland, and MELVIN MUNSON and FREDERICK GLAUSER, citizens of the United States of America, residing at Cleveland, county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Devices for Supporting Curtain-Poles and Shade-Rollers; and we 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 pertains to make and use the same.

This invention relates to improvements in devices for supporting curtain-poles and shade-rollers.

The primary object of this invention is to provide a device of the character indicated comprising a bracket provided with an adjustable roller-supporting member and simple and inexpensive means for supporting a curtain-pole without interfering with the adjustability of the roller-supporting member.

Another object is to provide the said bracket with a curtain-pole hanger which is removable from the bracket and also adjustable in a vertical plane.

Another object is to provide a device of the character indicated which is simple and durable in construction and whose component parts are readily assembled.

With these objects in view, and to the end of realizing any other advantages herein-after appearing, this invention consists in certain features of construction, and combinations of parts, hereinafter described, pointed out in the claims and illustrated in the accompanying drawings.

In the said drawings, Figure 1 is a front elevation of the upper left-hand corner-portion of a window-casing provided with our improved device for supporting a curtain-pole and shade-roller. Fig. 2 is a vertical section on line 2—2, Fig. 1, looking in the direction indicated by the arrow. This figure also illustrates the adjustability of the curtain-pole hanger in a vertical plane and in dotted lines shows the said hanger in its upper position. Fig. 3 is a vertical section on line 3—3, Fig. 2, looking rearwardly. Fig. 4 is a horizontal section on line 4—4, Fig. 2, looking downwardly. Fig. 3 is drawn on a larger scale than Figs. 1, 2 and 4 which are drawn on the same scale.

Referring to the drawings, A indicates the upper left-hand corner-portion of a window-casing to which at the face thereof our improved device for holding a curtain-pole and shade-roller is adapted to be attached, which device preferably comprises a sheet-metal bracket B which is provided at its rear or inner end with a laterally projecting flange 8 shown secured to the window-casing A by suitably employed screws C. The bracket B projects forwardly a suitable distance and at its forward end is provided with a laterally and outwardly projecting arm *b* which at the bottom thereof has a forwardly projecting flange 10 which is arranged horizontally and extends longitudinally of the arm. The arm *b* is provided midway between the ends thereof and centrally between the flange 10 and the top edge or surface of the arm with a screw-threaded hole 12 extending forwardly and rearwardly through the arm, which hole is engaged by the corresponding screw-threaded shank *d* of a screw whose head D is arranged to clamp a slide E to the said arm, which slide has bearing or rests upon the flange 10 and is adjustable endwise or longitudinally of the said arm. The slide E is provided at its inner end with a forwardly projecting arm *e* which has an aperture 13 for receiving an end-bearing *g* of a shade-roller G. The shank *d* of the screw extends through a slot 14 formed in and extending longitudinally of the slide E to accommodate the adjustability of the slide. Obviously the slide E upon turning the screw to loosen its head G relatively to the slide is rendered free to be adjusted endwise, and the slide is secured in the desired adjustment upon turning the screw in the direction required to cause its head to clamp the slide against the forward side of the arm *b*.

Our invention consists more especially in providing the bracket B above the inner end of its arm *b* and at and rearward of the top edge or surface of the slide or roller-supporting member E with a bearing for a curtain-pole hanger which consists preferably of a metal hook which has a shank H which extends through a recess 16 which is formed in the upper end of a member 15 with which the bracket B is provided. The member 15 is integral with the bracket B and projects laterally and outwardly from the bracket at the forward end of the bracket. The member 15 extends above the arm *b*, and the re-

cess 16 is open at the top and arranged wholly above the said arm. The bottom 17 of the recess 16 is therefore arranged above the arm *b* and forms a seat for the shank-portion H of the hanger. The said shank-portion is circular in cross-section where it extends through the said recess, as shown in Fig. 3. The outer side wall of the recess 16 extends circumferentially of the shank-portion H and somewhat overlaps the upper part of the said shank-portion, as at 18, Fig. 3, so that a little force has to be applied to the hanger to remove the latter upwardly from the said recess. Of course, the recessed member 15 possesses enough springiness or resiliency to permit the removal of the hanger upwardly from the recess 16. The hook-proper *h* of the hook or hanger is arranged at the forward end of the shank and forms a seat 20 for one end of a curtain-pole K, as shown very clearly in Fig. 2. It will be observed therefore that the curtain-pole hanger extends from the seat or bearing 17 forwardly over and across the top edge or surface of the slide or roller-supporting member E provided therefor on the bracket B and has its forward portion which forms a seat or bearing for a curtain-pole as already indicated arranged a suitable distance forwardly of the said roller-supporting member.

The bracket B is provided rearwardly of its arm *b* with two vertically spaced circular holes 22 and 23, and the shank-portion H of the hanger extends from the seat or bearing 17 rearwardly along the outer side of the bracket B and is provided at its rear end with a laterally and inwardly projecting lug 24 which extends loosely through one of the said holes and terminates at the inner side of the said bracket in a member 25 which projects rearwardly and overlaps the last-mentioned side of the bracket. Obviously the top wall of the hole engaged by the lug 24 forms a stop for limiting upward movement of the rear end of the curtain-pole hanger. The lug 24 and its member 25 are small enough in dimensions to permit the passage of the latter through the hole engaged by the lug upon a proper manipulation of the hanger but of course the hanger must be lifted out of the recess 16 before it can be detached from the bracket.

In solid lines Figs. 1, 2 and 4 the curtain-pole hanger is shown in an approximately horizontal position, and the lug 24 of the shank-portion of the hanger engages the upper hole 22 in the bracket B. In dotted lines Fig. 2 the curtain-pole hanger is shown tilted or adjusted in a vertical plane to elevate the seat-forming forward portion of the hanger above the shade-bracket, and in this position of the hanger the lug 24 of the shank-portion of the hanger engages the lower hole 23 in the bracket. It will be

observed therefore that the curtain-pole hanger of our improved device is adjustable to render its forward and seat-forming portion shiftable in a vertical plane and is in its upper or lower position according as the hanger is connected to the bracket at the upper hole 22 or lower hole 23 in the bracket.

What we claim is:—

1. In a device for supporting a curtain-pole and shade-roller, a bracket adapted to be secured to and project forwardly of a window-casing and provided with a member instrumental in supporting a shade-roller, which bracket is provided at its forward end with a recess which is open at the top, and a hanger engaging the said recess and extending through the recess and forwardly and rearwardly of the recessed portion of the bracket, which hanger is provided at its forward end with a seat for a curtain-pole and connected at its rear end to the bracket, the aforesaid recess being slightly narrower at its upper end than the thickness of the recess-engaging portion of the hanger, and the recessed portion of the bracket possessing enough springiness to permit forcing of the hanger upwardly out of the recess.

2. In a device for supporting a curtain-pole and shade-roller, a bracket adapted to be secured to and project forwardly of a window-casing and provided with a member instrumental in supporting a shade-roller, which bracket is provided at its forward end and at the top of the said end with a recess which is open at the top, and a hanger engaging the said recess and extending through and forwardly and rearwardly of the recess, which hanger is circular in cross-section where it extends through the recess and provided at its forward end with a seat for a curtain-pole, said hanger being connected at its rear end to the bracket, said recess being slightly narrower at its upper end than the thickness of the recess-engaging portion of the hanger, and the recessed member possessing enough springiness to permit forcing of the hanger upwardly out of the recess.

3. In a device for supporting a curtain-pole and shade-roller, a bracket adapted to be secured to and project forwardly of a window-casing and provided with a member instrumental in supporting a shade-roller, which bracket at its forward end has a laterally projecting member provided with a recess which is open at the top edge of the said projecting member, and a hanger engaging and extending through and forwardly and rearward of the recess, which hanger is provided at its forward end with a seat for a curtain-pole and at its rear end is connected to the bracket.

4. In a device for supporting a curtain-

5 pole and shade-roller, a bracket adapted to
 be secured to and project forwardly of a
 window-casing and provided with a member
 instrumental in supporting a shade-roller,
 which bracket at its forward end has a lat-
 10 erally projecting member provided with a
 recess which is open at the top edge of the
 said projecting member, and a hanger en-
 gaging the said recess and extending
 15 through and forwardly and rearwardly of
 the recess, which hanger is circular in cross-
 section where it extends through the recess
 and provided at its forward end with a seat
 for a curtain-pole, said hanger being con-
 20 nected at its rear end to the bracket, said re-
 cess being slightly narrower at its upper end
 than the thickness of the recess-engaging
 portion of the hanger, and the recessed mem-
 ber possessing enough springiness to permit
 forcing of the hanger upwardly out of the
 recess.

5. In a device for supporting a curtain-
 pole and shade-roller, a bracket adapted to
 be secured to and project forwardly of a
 25 window-casing and provided with a member
 instrumental in supporting a shade-roller,
 which bracket at its forward end has a lat-
 erally projecting member provided with a
 recess which is open at the top edge of the
 30 said projecting member, and a hanger form-
 ing a hook which has its shank connected to
 the bracket rearwardly of the said recess
 and extending through the said recess.

6. In a device for supporting a curtain-
 35 pole and a shade-roller, a bracket adapted to
 be secured to and project forwardly of the
 window-casing and provided at its forward
 end with a laterally projecting arm which is
 provided at the bottom with a forwardly

projecting flange arranged horizontally and 40
 extending longitudinally of the arm; a slide
 resting upon the said flange and adjustable
 endwise of the arm and provided at one end
 with a forwardly projecting member having
 an aperture for receiving an end-bearing of 45
 a shade-roller; means for securing the slide
 in the desired adjustment, and a hanger for
 a curtain-pole, which hanger extends over
 and transversely of the upper edge of the
 slide and is supported from the aforesaid 50
 bracket.

7. In a device for supporting a curtain-
 pole and a shade-roller, a bracket adapted to
 be secured to and project forwardly of the
 window-casing and provided at its forward 55
 end with a laterally and outwardly project-
 ing arm which is provided at the bottom
 with a forwardly projecting flange arranged
 horizontally and extending longitudinally
 60 of the arm; a slide resting upon the said
 flange and adjustable endwise of the arm
 and provided at its inner end with a for-
 wardly projecting member having an aper-
 ture for receiving an end-bearing of a shade-
 65 roller; means for securing the slide in the
 desired adjustment, and a suitably supported
 hanger for a curtain-pole, which hanger is
 arranged intermediate the ends of the slide
 and extends over and transversely of the
 70 upper edge of the slide.

Signed by us at Cleveland, Ohio, this 2nd
 day of July, 1909.

AMOS PAGNARD.
 MELVIN MUNSON.
 FREDERICK GLAUSER.

Witnesses:

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