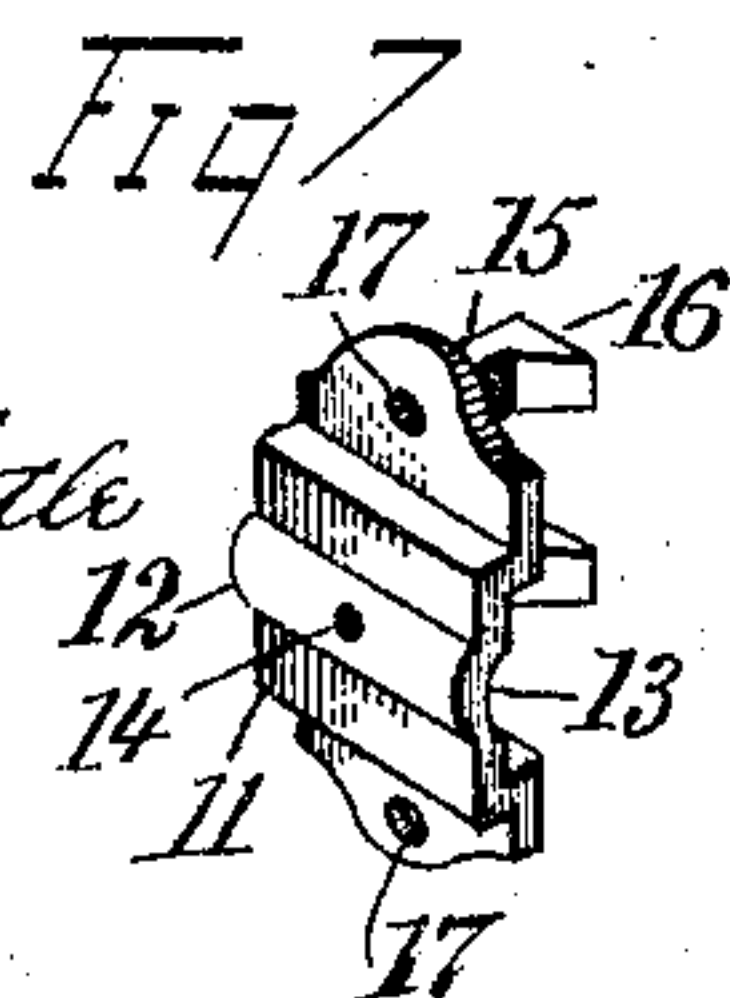
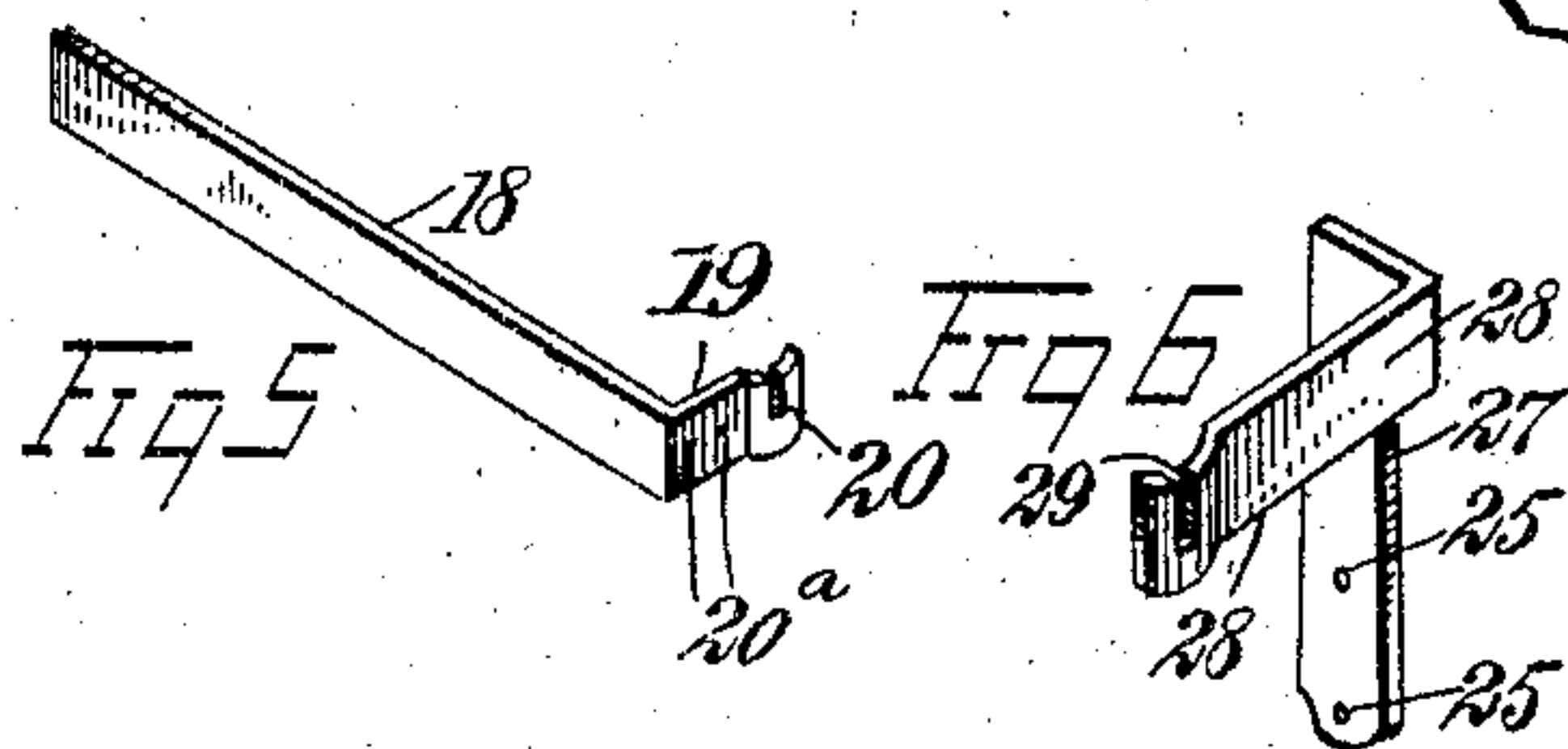
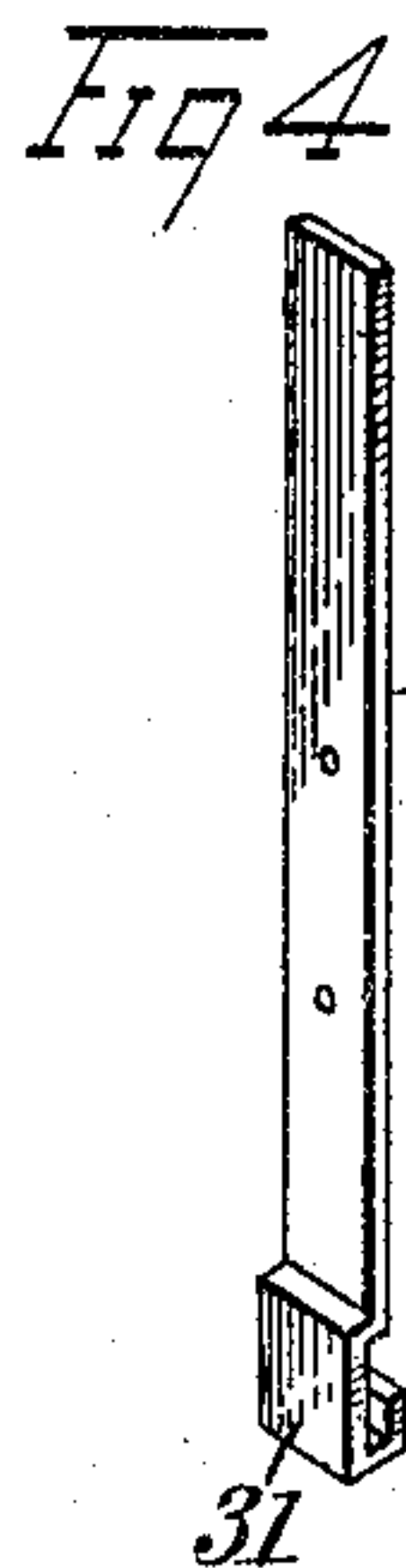
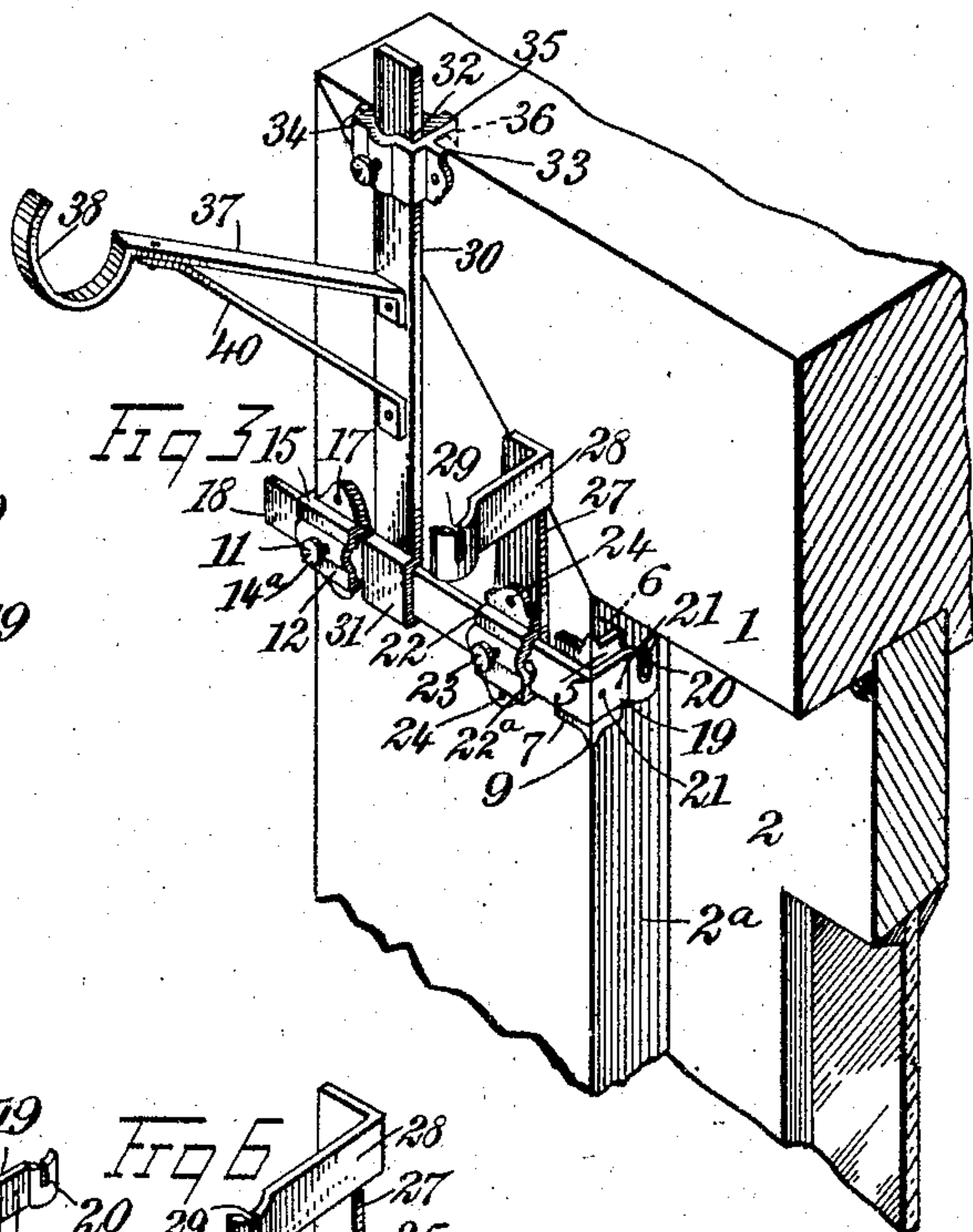
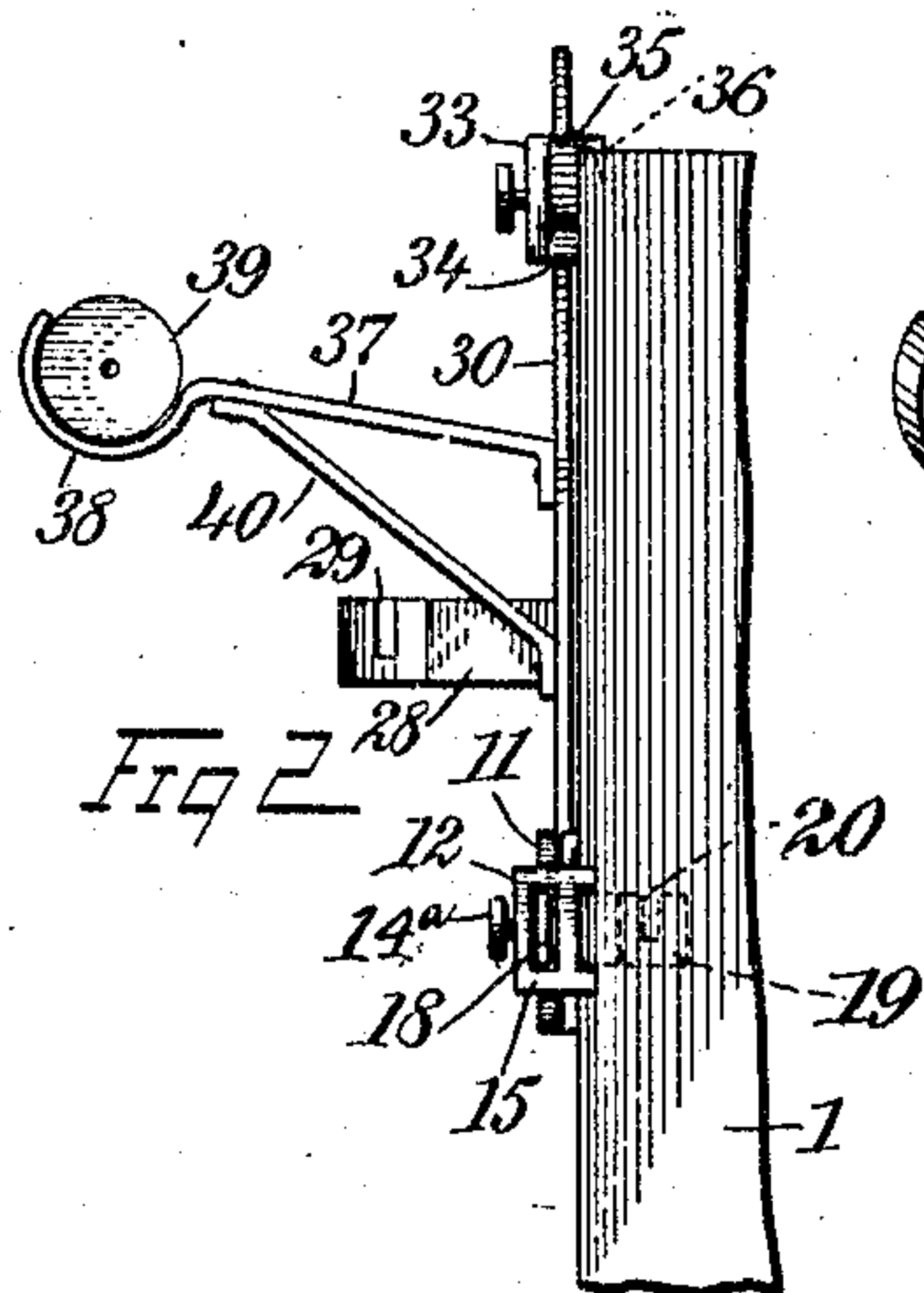
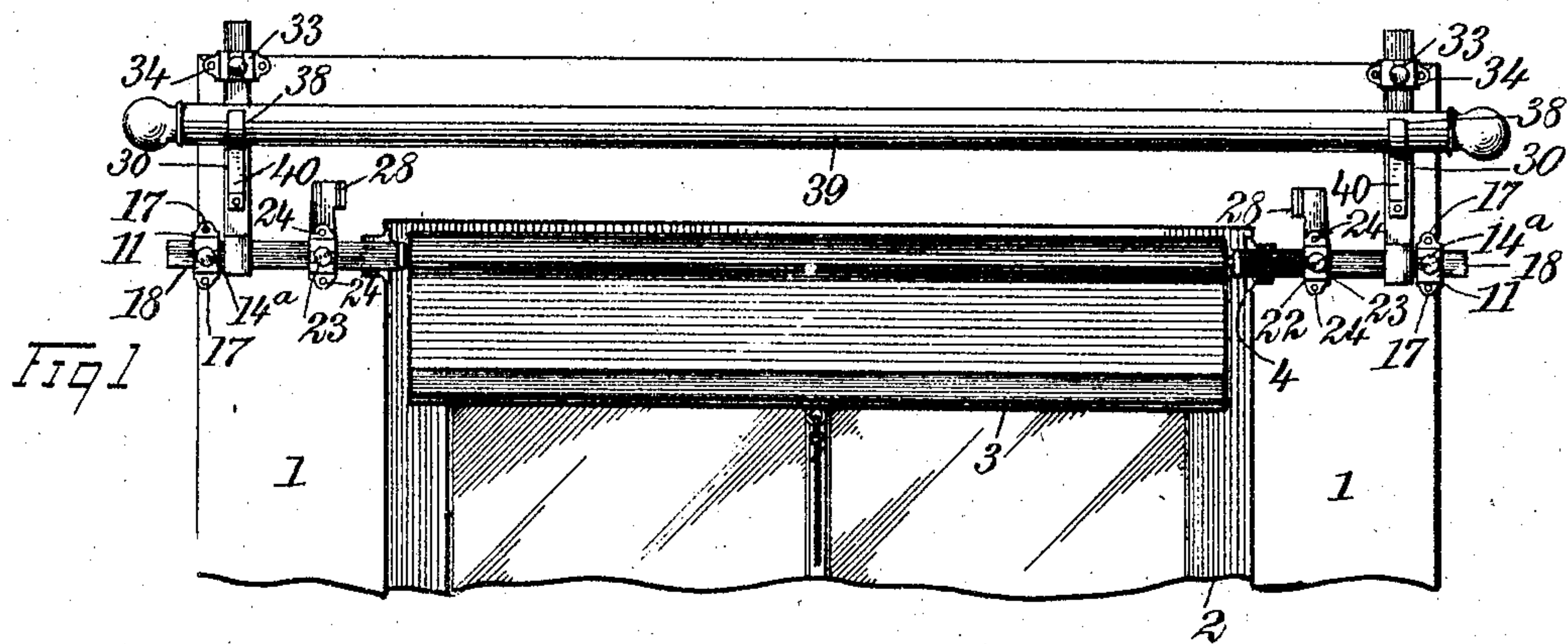


No. 780,877.

PATENTED JAN. 24, 1905.

T. V. EDWARDS.
COMBINED SHADE AND CURTAIN HANGER.

APPLICATION FILED FEB. 18, 1904.



WITNESSES:

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THOMAS V. EDWARDS, OF ST. LOUIS, MISSOURI.

COMBINED SHADE AND CURTAIN HANGER.

SPECIFICATION forming part of Letters Patent No. 780,877, dated January 24, 1905.

Application filed February 18, 1904. Serial No. 194,143.

To all whom it may concern:

Be it known that I, THOMAS V. EDWARDS, a citizen of the United States, and a resident of St. Louis, in the State of Missouri, have invented new and useful Improvements in a Combined Shade and Curtain Hanger, of which the following is a full, clear, and exact description.

This invention relates to shade and curtain hangers; and it consists substantially in the improvements hereinafter particularly described and claimed.

One of the principal objects of the invention is to provide devices of this kind which are simple in construction and composed of comparatively few parts, besides being effective and reliable in operation and possessing the capacity for long and repeated service.

A further object is to provide devices of the character referred to which are adjustable to varying requirements of use thereof and which are cheap to manufacture and capable of ready application without marring or mutilating the surface of the window-frame or other permanent support therefor.

The above and additional objects are attained by means substantially such as are illustrated in the accompanying drawings, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of a portion of a window-frame and sash, showing the application or use of my improved shade and curtain hanger. Fig. 2 is a detail side view of the same. Fig. 3 is a perspective view showing more clearly the construction and organization of parts employed, and Figs. 4, 5, 6, 7, and 8 are detail perspective views showing the construction of some of the constituent elements taken separately.

Before proceeding with a more detailed description it may be stated that in the form of my improvements herein shown I employ substantially duplicate horizontal members provided with means for attachment thereof to opposite sides of the facing of an ordinary window-frame and having stationary supporting means for the ends of an ordinary shade-roller. Mounted upon said horizontal members are longitudinally slidable or ad-

justable members, also having means for supporting the ends of a shade-roller or the like, while additional longitudinally slidable or adjustable members are mounted upon the horizontal members and provided with means for supporting the ends of a curtain rod or pole, as will hereinafter more fully appear. The several elements or parts employed are strong and durable besides being light in weight and easily applied for use, and while I have herein represented my improvements in a certain preferred embodiment it will be understood, of course, that I am not limited thereto in precise detail, since immaterial changes therein may be resorted to coming within the scope of my invention.

Reference being had to the drawings by the designating characters marked thereon, 1 represents the upper portion of an ordinary window-frame, 2 a part of the upper sash, and 3 an ordinary shade for the window. Attached at proper height to the inner face 2^a of each side portion of the frame is preferably an angular bracket 4, having an inturned arm 5 lying against such inner face and provided with barbs 6 for entering the material of the frame to hold the bracket in position. Each of said brackets is also provided with substantially a right-angled arm 7, lying against the outer face of said side portion, and the arm 5 is provided with openings 8, while at the angle of intersection of its two arms the bracket is provided with vertical extensions 9, which, as is apparent, tend to reinforce such angle. Attached at corresponding height to each side portion of the frame is also an angular bracket 11, constructed on the inner face of its arm 12 with a longitudinal groove 13 and having in said arm an opening 14, communicating with said groove and provided with a set-screw 14^a. (See Fig. 3.) The arm 15 of each of said brackets 11 is constructed to fit against the surface of the outer edge of one of the side portions of the frame, as shown, and said arm is preferably provided with barbs 16 for engaging such surface to hold the bracket in position. The arm 12 of each of the brackets 11 is also formed with openings 17, through which fastening-screws (not shown) may be passed and inserted in the frame, if desired;

but the use of such screws is neither necessary nor advisable, since the barb-fastening referred to will be found amply sufficient to hold said brackets securely in position.

5 Fitting in the groove 13 of each of said brackets 11 is a horizontally-disposed adjustable member 18, having at the inner end thereof an inturned branch 19, having formed therein a notch 20 and openings 20^a, said
10 branch being secured to the inturned arm 5 of the corresponding bracket 4 by means of rivets 21 passing through the openings 8 and 20^a. (See Fig. 3.) Said members 18 are of suitable length, and on each of them is mount-
15 ed or supported a plate 22, (substantially of the same form or construction as the arm 12 of each of the brackets 11,) having in the inner face thereof a groove 22^a, in which the member fits, said plate also having therein an open-
20 ing provided with a set-screw 23. Above and below said set-screws 23 each of said plates 22 is also provided with openings 24, coinciding with similar openings 25 in a vertically-disposed arm 27, having at the upper extremity
25 thereof an outstanding branch 28, each pair of plates 22 and arms 27 being secured together by means of suitable screws or rivets passing through the said sets of coinciding openings 24 and 25, (see Fig. 3,) and each
30 branch 28 having therein a notch 29, as shown. Also mounted upon each of the horizontally-disposed members 18 is a vertically-disposed member 30 of greater height than the said vertically-disposed arms 27, the lower end of
35 this member 30 being constructed at 31 to partially embrace the sides of said member 18, so as to be capable of being moved longitudinally thereon. The upper portion of each member 30 works through a vertical groove
40 32, formed in the inner face of one arm, 33, of an angle-bracket 34, (similar to bracket 11,) the other arm, 35, of which bears upon the upper surface of the window-frame and is provided with barbs 36 for entering the material of
45 the frame to secure the bracket in place. Projecting from the front faces of the said vertically-disposed members 30 are suitable hanger-arms 37, formed with outer curved extremities 38, adapted to receive and support
50 the end portions of an ordinary curtain rod or pole 39 in the manner indicated in Figs. 1 and 2, said arms being strengthened by suitable braces 40, as shown. As also indicated in Fig. 1, the ends of an ordinary shade-roller
55 may be supported in the notches of the inturned branches 19 of the members 18, while it will be seen that the adjustable arms 27 permit of shade-rollers of greater and varying lengths being similarly supported in the
60 notches 29 of the outstanding branches of said arms. It will also be seen that by loosening the set-screws 14^a the members 18 may be moved outwardly in the grooves 13 of the arms 12 of the brackets 11, so as to enable
65 the ready adjustment of the brackets 4 in con-

formity to window-frames of varying widths, and it will still further be seen that the vertically-disposed members 30 are of a height sufficient to conform to the different positions at which it may be found necessary to locate
70 and secure the brackets 34. By loosening the set-screws 23 the vertically-disposed arms 27 may be readily moved or adjusted longitudinally of the horizontally-disposed mem-
75 bers 18, and it is thought that the many advantages of my invention will be fully apparent without further elucidation thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a shade and curtain hanger, the com-
80 bination of duplicate horizontal members provided with means for supporting a shade-roller, means for attaching said members across the outer faces of the side portions of
85 a window-frame, vertical bars carrying intermediate of their ends supports for the curtain-rods, said bars being slidably connected at their lower ends to said horizontal members for longitudinal adjustment thereupon, and
90 a removable bracket at the top of the window-frame through which bracket the upper end of the bar passes to adapt it to be secured to window-frames of different widths.

2. In a shade and curtain hanger, the combination of a horizontal member having at one
95 end an inturned branch for supporting one end of a shade-roller and means adjacent said branch for securing it to the inner edge of the window-frame, a bracket at the other end of the horizontal member secured to the outer
100 face of the window-frame, said horizontal member passing through said bracket and being secured thereto, a vertical rod-supporting bar longitudinally adjustable upon said horizontal member between its ends, and a remov-
105 able bracket at the top of the window-frame through which bracket the upper end of the bar passes to adapt it to be secured to window-frames of different widths.

3. In a shade and curtain hanger, the com-
110 bination of a horizontal member having at one end an inturned branch for supporting a shade-roller and means adjacent said branch for securing it to the inner edge of the window-frame, a bracket secured to the outer face of
115 the window-frame at the other end of the horizontal member, said horizontal member passing through said bracket and being secured thereto, a vertical rod-supporting bar longitudinally adjustable upon said horizontal mem-
120 ber between its ends, a removable bracket at the top of the window-frame through which bracket the upper end of the bar passes to adapt it to be secured to window-frames of different widths, and an auxiliary curtain-sup-
125 porting arm mounted on said horizontal member toward its inner end and longitudinally adjustable thereon.

4. In a shade and curtain hanger, the combination of a horizontal member having at its
130

inner end an integral intumed branch for supporting a shade-roller, and a toothed bracket rigidly secured to said bar in the bend thereof for securing that end of the bar to the inner edge of the window-frame, a toothed bracket at the outer edge of the frame through which the outer end of said horizontal bar passes and to which it is secured, a vertical rod-supporting bar having at its lower end a shoulder adapted to rest upon the top edge of said horizontal bar and beneath said shoulder having an intumed hook adapted to engage the inner and outer sides of the bar at its lower edge, whereby the lower end of said vertical bar is adjustably held on said horizontal bar, and a toothed bracket at the upper edge of the window-frame through which the upper end of said vertical bar passes and to which it is secured.

5. In a shade and curtain hanger, the combination of a horizontal member, having at one end an intumed branch for supporting one end of a shade-roller and means adjacent said branch for securing the horizontal member to the inner edge of a window-frame, clamping means secured to the outer face of the window-frame at the other end of the horizontal member, said horizontal member passing through said means and being secured thereto, a vertical bar having means intermediate its ends for supporting a curtain-rod, said bar being slidably connected at its lower end to said horizontal member for longitudinal adjustment thereupon, and a removable clamp at the top of the window-frame for engaging the upper end of said vertical bar.

6. In a shade and curtain hanger, the combination of duplicate horizontal members, means for securing the same across the outer faces of the side portions of window-frames, and vertically-disposed arms having adjustment longitudinally of said members and provided at their upper ends with outstanding branches for supporting a shade-roller, and vertically-disposed members also having means at their lower ends for longitudinal

adjustment on said horizontal members, and at their upper ends for connection with the tops of window-frames of different heights, said members being of greater height than said arms and provided with means intermediate their ends for supporting a curtain-rod.

7. In a shade and curtain hanger, the combination of duplicate horizontal members having integral intumed branches for supporting a shade-roller, vertically-disposed arms longitudinally adjustable on said members and having integral outstanding branches for supporting a shade-roller, vertically-disposed members supported by the horizontal members, of greater height than said arms and provided with means for supporting a curtain-rod, means for adjustably securing said horizontal members to the side portions of a window-frame, and means for securing said vertically-disposed arms at one end to said horizontal members, and at their other end to the window-frame.

8. In a shade and curtain hanger, the combination of duplicate horizontal members having integral intumed branches for supporting a shade-roller, vertically-disposed arms longitudinally adjustable on said members and having integral outstanding branches for supporting another shade-roller, vertically-disposed members supported by the horizontal members, of greater height than said arms and provided with means for supporting a curtain-rod, and means for adjustably securing both said horizontal and vertical members to the side portions of a window-frame, said means consisting of angular brackets having securing-barbs for entering the material of the frame.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS V. EDWARDS.

Witnesses:

PAUL MARQUIS,
GEO. HUBERT.