April 20, 1926. 1,581,805

C. W. KIRSCH

CURTAIN ROD AND WINDOW SHADE ROLLER BRACKET

Filed August 6, 1925

Fig. 1.

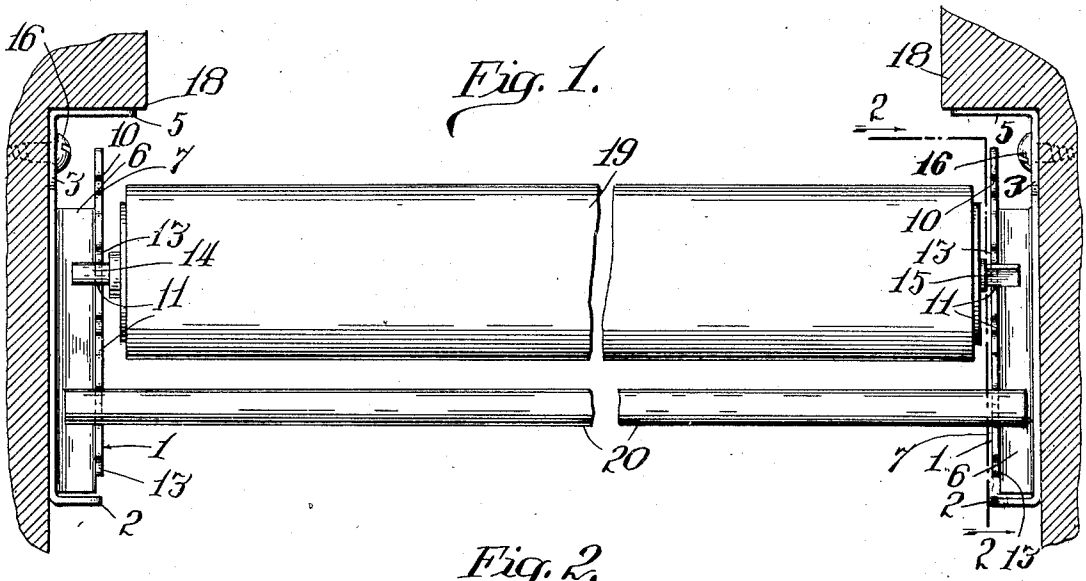


Fig. 2.

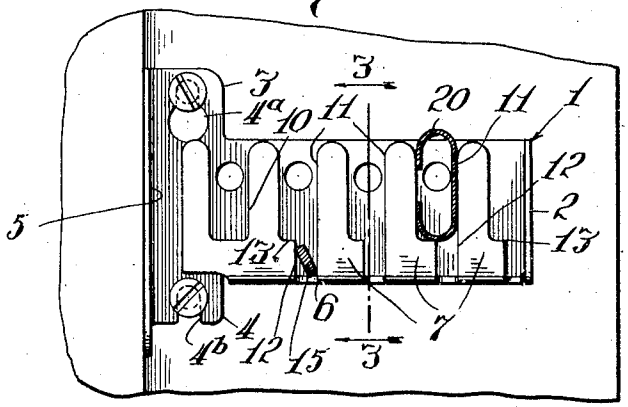


Fig. 3

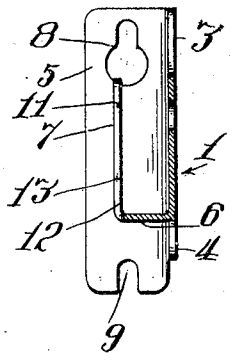
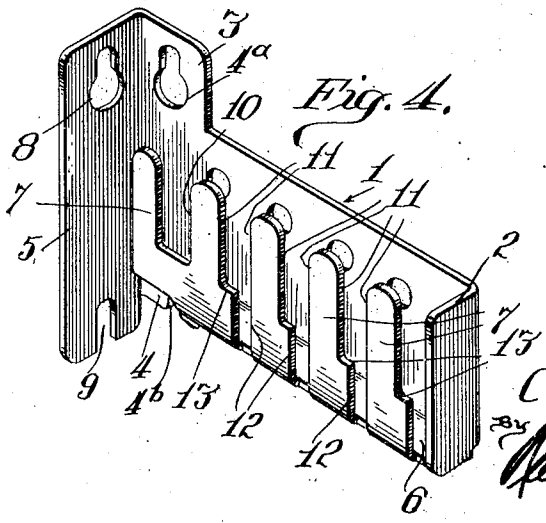


Fig. 4.



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Patented Apr. 20, 1926. 1,581,805

UNITED STATES PATENT OFFICE.

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CURTAIN-ROD AND WINDOW-SHADE-ROLLER BRACKET.

Application filed August 6, 1925. Serial No. 48,482.

To all whom it may concern:

Be it known that I, CHARLES W. KIRSCH, a citizen of the United States, residing at Sturgis, in the county of St. Joseph and State of Michigan, have invented certain new and useful Improvements in Curtain-Rod and Window-Shade-Roller Brackets, of which the following is a specification.

This invention relates to brackets for curtain and drapery rods and window-shade rollers and has for its object to provide brackets adapted to support one or more curtain or drapery rods, one or more window-shade rollers or one of the latter and one or more curtain or drapery rods and which will permit of varying the relative positions of the several supported elements to secure a variety of window draping effects.

A further object of the invention is to provide a bracket of the type above defined which may be easily removably secured to the side walls of a window casing or to the face thereof.

In the accompanying drawings illustrating the preferred embodiment of the invention;

Fig. 1 is a plan section of a window casing equipped with brackets constructed in accordance with the invention.

Fig. 2 is a vertical section on the line 2—2 of Fig. 1 showing one of the brackets in side elevation.

Fig. 3 is a sectional view of the bracket on the line 3—3 of Fig. 2.

Fig. 4 is a perspective view of the bracket.

The brackets are made in pairs, each pair comprising a right and a left hand bracket. Description of one of the brackets will therefore suffice.

Each bracket consists, preferably, of a single piece of suitable sheet metal and comprises the side plate 1 provided with an end flange 2 extending perpendicularly thereto, corner projections 3 and 4 provided with a key-hole slot 4^a and a recess 4^b, respectively; an end flange 5 parallel with and opposed to the flange 2 but extending from the top edge of the corner projection 3 to a point below the lower edge of the projection 4; a lower edge-flange 6 extending from and perpendicularly to the plate 1, and a flange 7 extending upwardly from the free edge portion of the flange 6 and parallel with the plate 1 to which the same is opposed.

The flange 5 is provided in its upper end portion with a key-hole slot 8 and in its lower edge with a recess 9.

The flange 7 is provided with a plurality of slots 10 and 11, respectively, the former being shallow for receiving only a curtain or drapery rod and said slots 11 each comprising a similar shallow portion and a narrower extension portion 12 extending slightly into the flange 6, there being shoulders 13 at the bottoms of the shallower and wider portions of the slot 11 upon which the end portion of curtain or drapery rods are adapted to be supported.

The brackets herein illustrated are particularly adapted to receive the type of curtain or drapery rod commonly known as "flat" as distinguished from round or cylindrical rods which may, obviously, be used without changing the dimensions of the slots 10 and 11. The depth of the shallower and wider portions of the slots 11 and of the slot 10 is preferably substantially equal to the greatest cross-sectional dimension of the flat curtain rod to be engaged therein and the width of said portions of said slots is substantially that of the thickness of the rod from front to rear face of the same. The width of the narrower portions 12 of the slots 11 is substantially equal to the diameter of the pintle 14 of a conventional window-shade roller but of less width than the flat end portion of the winding key or spring engaging shaft 15 of the same.

The brackets are secured to a window-casing or the like in either of two positions. When disposed on the face of the casing, two screws are mounted on the latter in vertical alignment with each and spaced from each other a distance slightly greater than that between the tops of the slots 8 and 9, the heads of said screws being spaced from the face of the window-casing a distance slightly greater than the thickness of the metal of which the device is made. The spacing of said screws is such that when the upper screw is passed through the larger end portion of the key-hole slot 8 the lower screw is disposed just out of the path of the lower edge of the flange so that the latter may be disposed in surface contact with the face of the window-casing. By then lowering the bracket, the upper screw will pass into the narrower portion of the key-hole slot 8 and the lower screw into the slot 9, it being preferable to have the upper screw

engage the upper end wall of the slot 8 while the lower screw is out of engaging relation to the upper wall of the slot 9.

If the bracket is, as illustrated, to be secured to the inner or side face of the window-casing, the screws 16 and 17 are similarly disposed with relation to the key-hole slot 4^a and the recess or slot 4^b, the position of said screws with respect to the sash-guide stop 18 of the casing being such that the flange 5 abuts against the latter, though this is not essential.

After the brackets are mounted in place, a shade-roller 19 may be supported thereon by inserting its terminals into the narrower portions 12 of the slots 11. Curtain or drapery rods 20 of a length slightly less than the distance separating the opposed faces of the plates 1 are dropped into such of the slots 11 as may be desired said rods being thus spaced from each other and from the shade-roller should the latter be mounted on the brackets. The latter may be easily demounted and remounted on the window-casing.

I claim as my invention:—

1. A bracket of the kind specified including a flange provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller.

2. A bracket of the kind specified including a vertically disposed element provided in its upper edge portion with recesses each including an upper portion of a width and depth adapted to receive an end portion of a conventional curtain or drapery rod and a lower portion of less width than said upper portion for receiving and engaging a terminal element of a conventional window-shade roller.

3. A bracket of the kind specified including a vertically disposed element provided in its upper edge portion with recesses each including an upper portion of a width and depth adapted to receive an end portion of a conventional curtain or drapery rod and a lower portion of less width than said upper portion for receiving and engaging a terminal element of a conventional window-shade roller, there being a shoulder between the mouth and the bottom of each of said recesses for supporting the said curtain or drapery rod.

4. A bracket of the kind specified including a vertically disposed element provided in its upper edge portion with recesses each including an upper portion of a width and depth adapted to receive an end portion of a conventional curtain or drapery rod and a lower portion of less width than said upper portion for receiving and engaging a terminal element of a conventional window-shade roller, there being a shoulder between the mouth and the bottom of each of said recesses for supporting the said curtain or drapery rod, one side wall of said recess being continuous from the mouth thereof to the bottom of the narrower portion of the same.

5. A curtain rod bracket including a vertically disposed plate and a flange parallel with and spaced from said plate, said flange provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller, said plate constituting a stop for preventing longitudinal movement of the curtain or drapery rod in one direction.

6. A curtain rod bracket including a vertically disposed plate and a flange parallel and integral with and spaced from said plate, said flange provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller, said plate constituting a stop for preventing longitudinal movement of the curtain or drapery rod in one direction.

7. A bracket of the kind specified including a bottom plate provided with upwardly extending parallel flanges along its opposite edges, one of said flanges provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller, the other of said flanges opposing said recesses and constituting a stop for limiting the longitudinal movement in one direction of a curtain or drapery rod engaged in a recess of the other flange.

8. A bracket of the kind specified including a bottom plate provided with upwardly extending parallel flanges along its opposite edges, one of said flanges provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the

lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller, the other of said flanges opposing said recesses and constituting a stop for limiting the longitudinal movement in one direction of a curtain or drapery rod engaged in a recess of the other flange and a flange at one end of said stop-flange provided with openings for the reception of means for securing the device to a window casing or the like.

9. A bracket of the kind specified including a bottom plate provided with upwardly extending parallel flanges along its opposite edges, one of said flanges provided with a plurality of slots open at the top and varying in width, the upper end portion of each thereof being of greater width than the lower end portion and adapted to receive and support a drapery or curtain rod, the lower end portions of said slots adapted to receive and engage a terminal element of a conventional window-shade roller, the other of said flanges opposing said recesses and constituting a stop for limiting the longitudinal movement in one direction of a curtain or drapery rod engaged in a recess of the other flange and flanges at opposite ends of said stop-flange and opposing the ends of said recessed flange, one of said flanges and said stop-flange provided with openings for the reception of means for securing the device to a window-casing or the like.

CHARLES W. KIRSCH.