

D. G. MUNDAY.
SHADE AND CURTAIN HANGER.
APPLICATION FILED SEPT. 17, 1910.

1,016,429.

Patented Feb. 6, 1912.

2 SHEETS—SHEET 1.

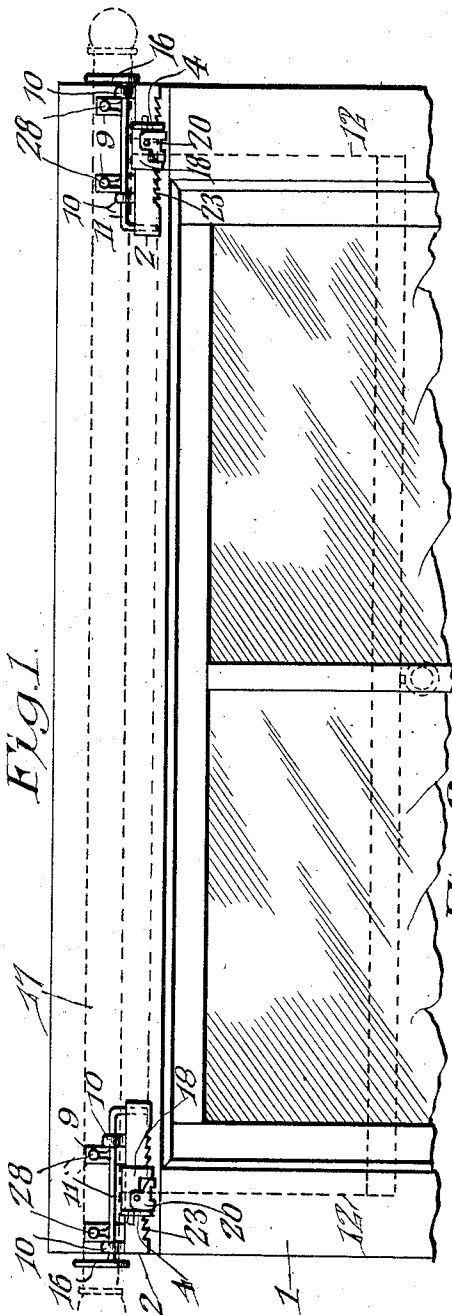


Fig. 1.

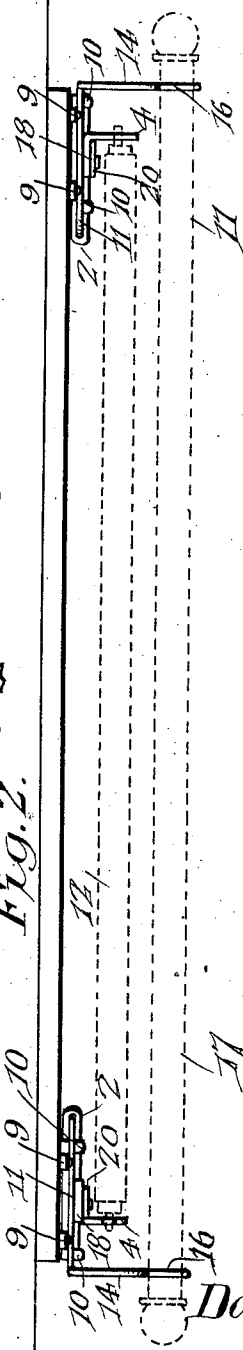


Fig. 2.

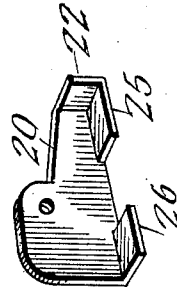


Fig. 3.

WITNESSES

Jas. K. McEachron
H. J. Ray

BY

D. G. Munday
D. G. Siggers

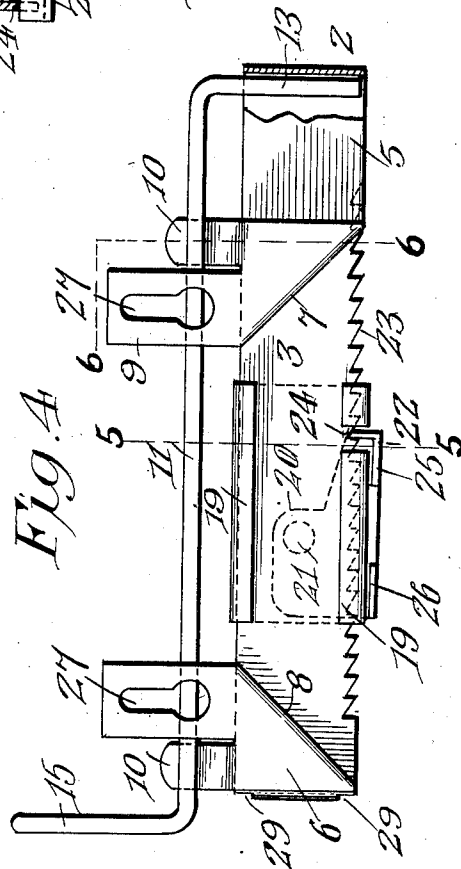
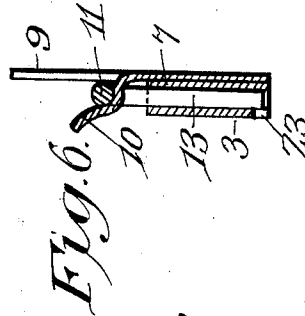
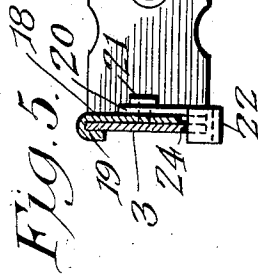
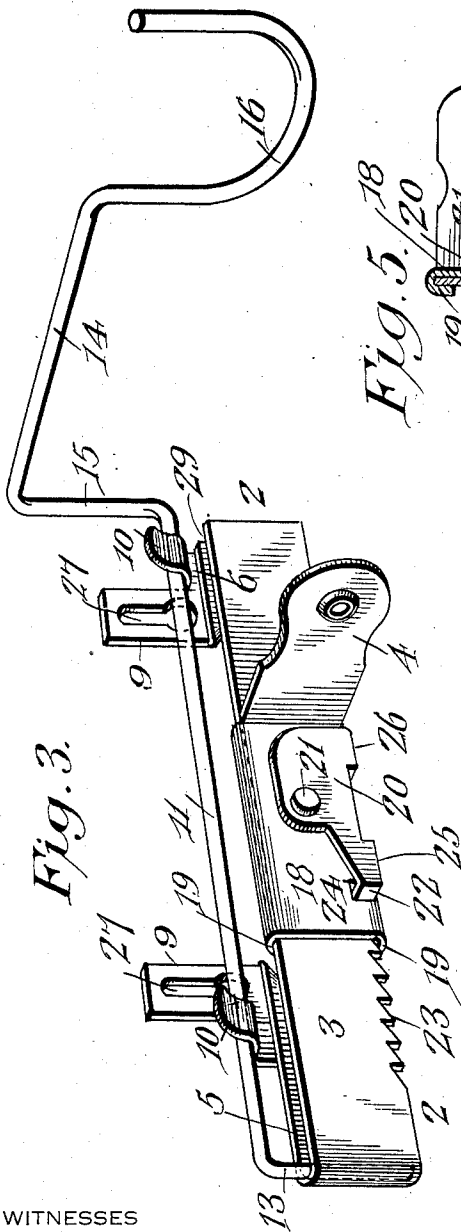
ATTORNEY

D. G. MUNDAY.
 SHADE AND CURTAIN HANGER.
 APPLICATION FILED SEPT. 17, 1910.

1,016,429.

Patented Feb. 6, 1912.

2 SHEETS—SHEET 2.



WITNESSES

Jas. E. McLaughlin
H. T. Riley

Daniel G. Munday, INVENTOR

BY

E. G. Siggers

ATTORNEY

UNITED STATES PATENT OFFICE.

DANIEL G. MUNDAY, OF McADOO, PENNSYLVANIA.

SHADE AND CURTAIN HANGER.

1,016,429.

Specification of Letters Patent.

Patented Feb. 6, 1912.

Application filed September 17, 1910. Serial No. 582,560.

To all whom it may concern:

Be it known that I, DANIEL G. MUNDAY, a citizen of the United States, residing at McAdoo, in the county of Schuylkill and State of Pennsylvania, have invented a new and useful Shade and Curtain Hanger, of which the following is a specification.

The invention relates to improvements in shade and curtain hangers.

10 The object of the present invention is to improve the construction of shade and curtain hangers, and to provide a simple, inexpensive and efficient one, adapted to be easily applied to and removed from a window frame, and capable of being mounted thereon and readily adjusted to suit the width of a window shade, whereby the shade and curtain hanger may be secured to the window frame without measuring the distance between the devices at opposite sides of the window to correspond with the width of a window shade.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

35 In the drawings: Figure 1 is an elevation of a portion of a window, equipped with shade and curtain hangers, constructed in accordance with this invention, the window shade and the curtain pole being shown in dotted lines. Fig. 2 is a plan view of the same. Fig. 3 is an enlarged perspective view of one of the shade and curtain hangers. Fig. 4 is a rear elevation of the same. Fig. 5 is a transverse sectional view on the line 5—5 of Fig. 4. Fig. 6 is a similar view on the line 6—6 of Fig. 4. Fig. 7 is a detail perspective view of the pivoted gravity acting dog for locking the slidable shade supporting bracket in its adjustment.

50 Like numerals of reference designate corresponding parts in all the figures of the drawings.

In the embodiment of the invention illustrated in the accompanying drawings, the shade and curtain supporting hangers, which are mounted on a window frame 1

at opposite sides thereof, comprise in their construction a horizontal support 2, preferably constructed of a strip of sheet metal, or other suitable material, bent at opposite sides of the center to form a front horizontal guide 3 for slidably supporting a window shade bracket 4. The inner and outer terminal portions 5 and 6 are bent back on the guide and are extended inwardly in spaced relation with the end portions thereof, and are bent upwardly on a diagonal or inclined line at 7 and 8. The rear terminal portions 5 and 6 space the guide from the window frame and are provided with spaced clamps, consisting of straight vertical attaching flanges 9 and resilient lugs 10. The straight upwardly extending attaching flange 9 constitutes the rear jaw of the clamp, and the lug 10 constitutes the front jaw and is extended outwardly and upwardly to form a seat for an inner horizontal transversely disposed arm 11 of a curtain pole supporting member. The lugs 10 of the spaced clamps partially embrace the arm 11 and retain the same in the seats formed by the outward bending of the lugs and prevent the curtain pole supporting member from becoming disengaged from the clamps. The clamps slidably and adjustably hold the curtain pole supporting member, which is adapted to be moved along the support to arrange the same, so that the edge of a lace curtain, or other hanging will cover and conceal the edge of a window shade 12. The arm 11 of the curtain pole support is provided at its inner end with a depending portion 13, extending downwardly into the space between the inner terminal portion 5 and the front guide 3 to prevent rotary movement of the arm 11 in the clamps.

The curtain pole supporting member is preferably constructed of a single piece of stout wire, and it is provided with an outwardly extending supporting arm 14, located in a plane above the inner arm 11 and connected at its inner end with the outer terminal of the arm 11 by an integral upright portion 15, as clearly shown in Fig. 3 of the drawings. The outwardly extending arm is provided at its outer end with an approximately U-shaped bend 16, forming a seat for a curtain pole 17.

The shade supporting bracket 4 is approximately L-shaped and consists of an outwardly extending bearing arm and a transversely disposed arm 18, constituting a

slide and having its upper and lower edges bent inwardly to form flanges 19, which embrace the upper and lower edges of the slide 3 and provide grooves or ways for the same. The bearing bracket is movable inwardly and outwardly along the guide to arrange it to suit the width of the window shade, and the bearing arms are provided with suitable openings to receive the journals of the shade roller. The shade supporting bracket is locked in its adjustment by means of a pivoted gravity acting dog 20, constructed of sheet metal and secured to the outer face of the slide 18 by means of a rivet 21, or other suitable pivot.

The inner portion of the dog is cut away and is lighter than the outer portion, which operates as a weight to maintain an integral tooth 22 in engagement with notches or recesses between teeth 23 with the lower edge of the guide 3. The teeth are shouldered at their inner ends and are beveled at their outer sides, and the shade supporting bracket is adapted to slide inward so as to be readily fitted to a shade roller, and it is locked against outward movement by the tooth 22, which consists of a vertical lug extending inwardly from the inner end of the dog. The slide 18 is provided at the tooth 22 with a notch or recess 24 to permit the tooth 22 to engage with the teeth 23, and the dog is provided at its ends with inwardly extending horizontal bottom flanges 25 and 26. The flange 25 is formed integral with the tooth and reinforces and braces the same, and the flange 26 constitutes a stop and is arranged to engage the lower edge of the guide 3 for limiting the downward movement of the engaging portion of the dog.

The straight upright flanges 9 of the clamps are provided with inverted key hole slots 27, having narrow upper portions and enlarged lower portions, and in applying the shade and curtain hanger to the window frame, the supports are secured to the same by screws or nails 28, which are driven through the upper ends of the key hole slots. When it is desired to detach the shade and curtain hanger, the curtain pole supporting member is removed and the support is moved upward to bring the enlarged portions of the slots at the heads of the fastening devices 28, and the shade and curtain hanger may then be readily detached. They are adapted to be replaced by inserting the heads of the nails through the enlarged portions of the slots and then draw the support downward to carry the fastening devices into the contracted upper portions of the slots. The supports are preferably applied to the window frame with their outer ends in flush relation with the side edges thereof, but they may of course be secured at other points, if desired.

The outer ends of the supports are pro-

vided with upper and lower notches 29, forming entrance openings for the upper and lower flanges 19 of the slides 18 of the shade supporting brackets to permit the same to be readily placed on and removed from the supports 2 after the latter have been secured to the window frame.

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

1. A device of the class described including a support constructed of a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being extended inwardly and upwardly and spaced from the rear face of the guide, and provided with upwardly projecting clamps composed of jaws which are disposed above the support, one of the jaws of each clamp being constructed to form an attaching portion in attaching the support in place, a window shade bracket mounted to slide along the guide between the clamps, and a curtain pole supporting member having an arm held above the support at spaced points by the jaws of said clamps.

2. A device of the class described including a support constructed of a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being extended inwardly and spaced from the rear face of the guide and provided with projecting clamps composed of jaws, one of the jaws of each clamp being arranged to form an attaching portion, a window shade bracket mounted to slide along the guide, and a curtain pole supporting member having an arm supported at spaced points by the clamps and slidable in the same and provided with a terminal projecting portion extending into the space between the horizontal guide and one of the terminal portions of the metal and held by the same.

3. A device of the class described consisting of a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being extended inwardly at the rear face of the guide and provided with integral upwardly projecting portions split to form a pair of jaws, one of the jaws of each of the said projecting portions being bent outwardly and the other jaw constituting an attaching portion, a window shade bracket mounted to slide along the guide, and a curtain pole supporting member having an arm supported at spaced points by the said upwardly projecting portions and clamped by the jaws thereof.

4. In combination with the support forming a horizontal guide, a window shade bracket mounted to slide along the guide, clamps extending upwardly from the support, and a curtain pole supporting member detachably engaged at an intermediate point by the said clamps and held thereby above

the support, one end of the member being bent downwardly and engaged in the guide, while the other end is shaped to constitute a support for a curtain pole.

5 5. A device of the class described including a support consisting of a strip of metal bent at opposite points to form a horizontal guide, the end portions of the metal being extended inwardly and spaced from the rear
10 face of the guide and provided with projecting portions extended above the guide and having jaws, a window shade bracket mounted to slide along the guide, and a curtain pole supporting member composed of an
15 outwardly extending supporting arm, and a transversely disposed attaching arm slidably arranged between and supported at spaced points by the said jaws and provided with a depending portion extending into the space
20 between the guide and one of the said inwardly bent end portions of the metal.

6. A device of the class described including a support consisting of a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being extended inwardly at the rear face of the guide, said end portions being also folded upwardly on inclined lines and extended above the horizontal guide and provided each with inner and outer jaws forming transversely alined clamps, the inner jaws having openings to receive fastening devices, a window shade bracket mounted to slide along the guide, and a curtain pole
30 supporting member having a portion detachably supported above the guide at spaced points in the clamps and engaged by the same.

7. A device of the class described including a support consisting of a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being bent inwardly at the rear face of the guide and spaced from the same and provided with projecting portions extending upwardly above the guide and having openings to receive fastening devices for securing the support to a window frame or casing, said guide being provided at the lower edge with teeth, a shade supporting bracket
40 slidable along the frame, and a dog pivotally mounted on the bracket and having a weighted portion for holding the dog in engagement with the teeth of the guide.

55 8. A device of the class described including a support provided with a horizontal guide having teeth at its lower edge, a shade

supporting bracket having a slide mounted on the guide, and a pivoted gravity acting dog carried by the slide and having a tooth
60 for engaging the teeth of the guide and provided with a flange arranged to engage the bracket for limiting the movement of the dog and forming a weight for holding the dog in engagement with the teeth of the
65 guide.

9. A device of the class described including a support having a horizontal guide provided at the bottom with teeth, a shade supporting bracket having a slide mounted
70 on the guide and provided at the bottom with a recess, and a weighted gravity acting dog pivoted to the slide and provided with a reduced portion having a tooth operating in the recess of the slide to engage
75 the teeth of the guide, said dog being provided at its other end with a bottom flange arranged to engage the bracket to form a stop for the dog and a weight for holding the dog in engagement with the teeth of the
80 guide.

10. A device of the class described including a strip of metal bent at opposite points to provide a horizontal guide, the end portions of the metal being extended inwardly and spaced from the rear face of the guide and provided with projecting portions extending above the guide and having openings to receive fastening devices for securing the support to a window frame or casing, said support being also provided at one of the bends of the end portions of the metal with upper and lower recesses, and a shade supporting bracket provided with upper and lower flanges slidably embracing
95 the horizontal guide and movable through the said recesses to permit the bracket to be placed on and removed from the support.

11. In combination with a support forming a horizontal guide, a window shade
100 bracket mounted to slide along the said guide, clamps projecting from the support, and a curtain pole supporting member detachably engaged by the clamps and having its outer end shaped to constitute a support
105 for a curtain pole.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

DANIEL G. MUNDAY.

Witnesses:

JAMES J. McDONALD,
STEPHEN F. PAYER.