

J. R. SULLIVAN.
 HEAD ROD HOLDER FOR AWNINGS.
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Patented Apr. 15, 1913

Fig. 1.

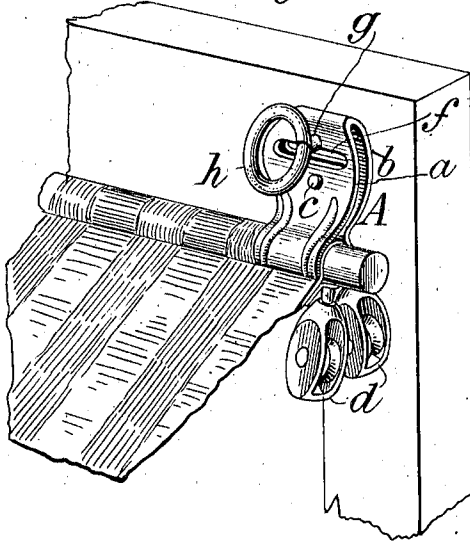


Fig. 2.

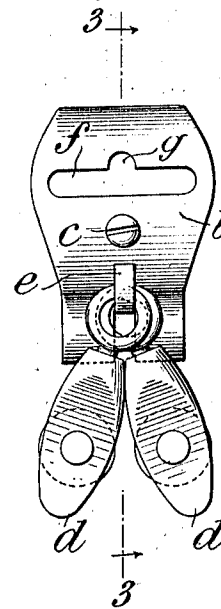
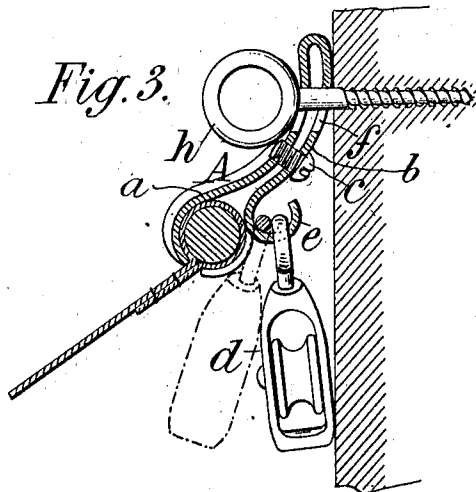


Fig. 3.



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UNITED STATES PATENT OFFICE.

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HEAD-ROD HOLDER FOR AWNINGS.

1,059,323.

Specification of Letters Patent.

Patented Apr. 15, 1913.

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To all whom it may concern:

Be it known that I, JOHN R. SULLIVAN, a citizen of the United States, residing in Ridgewood, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Head-Rod Holders for Awnings, of which the following is a specification.

This invention relates to what are known as head rod holders for awnings, and aims to provide certain improvements therein.

In awnings for windows or the like the awning is usually provided at its top with a metallic rod and means are provided for holding the rod in place on the window or other frame.

The object of the present invention is to provide a holder for this or analogous purposes which is of cheap and simple construction and which is adapted to be used in connection with rods of different sizes.

The invention also includes means whereby the head rod can be quickly attached to and detached from the window framing, the fixture remaining attached to the rod after it has been once adjusted in place.

The invention includes other features of improvement which will be hereinafter referred to.

In the drawings wherein I have illustrated the preferred form of my invention, Figure 1 is a perspective view of the end of an awning showing my invention applied thereto. Fig. 2 is a rear view of the holder. Fig. 3 is a longitudinal section of Fig. 1.

Referring to the drawings let A indicate the holder as a whole which as shown comprises a clamping member preferably formed of a single piece of metal bent at its middle to form two plates *a* and *b*. Each of these plates is curved at its lower end so that an approximately circular recess is formed between them which is adapted to embrace the head rod of the awning. The clamping member A is preferably constructed of sheet steel or other somewhat springy material, so that the plates *a b* exert a clamping action upon the rod. Preferably instead of engaging the rod directly the clamping members are adjusted over the awning fabric where it surrounds the rod. By this means the awning is held properly stretched upon the rod and is prevented from working up from the ends of the lat-

ter. According to the present invention this desirable result may be attained without injuring the awning fabric since the inner faces of the clamping plates are free from projections which might perforate the fabric. While it is possible to so construct the member A that the parts will exert sufficient clamping action by their own elasticity, nevertheless it is preferable to provide a clamping screw *c* or other means whereby the arms may be drawn toward each other so as to increase the clamping action. In the drawings I have shown such a clamping screw as inserted from the rear of the holder with its shank extending forwardly through the outer plate *a*.

I preferably provide the member A with a hook or other means for supporting the pulley or pulleys *d* through which the ropes of the awning may be led. In the preferred construction such hook is shown as integral with the plate *b* and as formed by cutting a tongue in the bottom of the plate and bending it forwardly as shown at *e* to form a hook-like member of the desired shape upon which the eyes of the pulley or pulleys may be hung.

The clamping member thus provided may be adapted to be supported in position on the window frame in any suitable manner. According to my invention, however, I provide means by which the clamping member may be quickly and securely attached to the framing, and easily detached therefrom. In the preferred construction the clamping member A is provided with an elongated slot *f* which passes through both of the plates *a* and *b*, and the plates are further provided with a circular recess *g* preferably of semi-circular form and opening into the slot *f*. With this construction I preferably utilize a screw eye *h* as a supporting member for the holder, such screw eye being screwed into the framing, its head being initially adjusted to a horizontal position when the holder is to be applied or removed. In this position it passes through the slot *f* whereupon the eye is then turned to the vertical position shown in Fig. 1 and its shank enters the recess *g*. When so arranged the holder is securely held in place since it cannot be removed unless either the clamping member or the head of the screw eye be turned so that the slot and head coincide.

It will be understood, of course, that many holders may be used in connection with a single awning as the size and weight of the latter demand. Ordinarily, however, two holders one at each end are sufficient to properly support the awning.

By the construction just described the holder is adapted to engage and support head rods having a wide range of diameters, and not only supports the rod but also maintains the awning fabric in a taut condition upon the rod. The device is adapted to be easily and quickly attached to and detached from the framing and while attached is securely held in place.

While I have shown and described in detail one form of the invention I do not wish to be limited thereto as various changes may be made therein without departing from the invention as defined by the appended claims.

What I claim is:—

1. In a head rod holder for awnings, a clamping member comprising two clamping plates resiliently connected to permit them to be drawn together, said plates having a recess formed between them adapted to receive the head rod of an awning, and means for drawing said plates toward each other to clamp said rod, both said plates having therein elongated slots located opposite one another and adapted to receive the head of a screw eye or the like.

2. In a head rod holder for awnings, a clamping member comprising two clamping plates resiliently connected to permit them to be drawn together, said plates having a recess formed between them adapted to receive the head rod of an awning, and means for drawing said plates toward each other to clamp said rod, both said plates having therein a relatively large opening located opposite one another and adapted to receive the head of a supporting device, and a

restricted recess leading to said opening adapted to receive the shank of such device.

3. In a head rod holder for awnings, a clamping member comprising two clamping plates formed of a single piece of resilient material whereby they may be drawn together, said plates having a recess formed between them adapted to receive the head rod of an awning, and means for drawing said plates toward each other to clamp said rod, both said plates having therein elongated slots located opposite one another and adapted to receive the head of a screw eye or the like.

4. In a head rod holder for awnings, a clamping member comprising a single piece of sheet metal bent to form two clamping plates, said clamping plates being bent to form a recess adapted to receive the head rod of an awning and both of said clamping plates being provided with elongated slots adapted to receive the head of a screw eye or the like, and said plates having a recess opening into said slot and adapted to receive the shank of said screw eye.

5. In a head rod holder for awnings, a clamping member comprising a single piece of resilient sheet metal bent to form two clamping plates normally pressed into contact with one another, said clamping plates being bent to form a recess adapted to receive the head rod of an awning and both of said clamping plates being provided with elongated slots, and a screw eye or the like adapted in one position to pass through said slots and free the clamp and in other positions to retain the clamp.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

JOHN R. SULLIVAN.

Witnesses:

THOS. H. SCALES,
CHESTER P. JONES.