Nov. 12, 1929. J. A. DUTHIE 1,735,314

AWNING HANGER

Filed April 27, 1923

Fig. 1

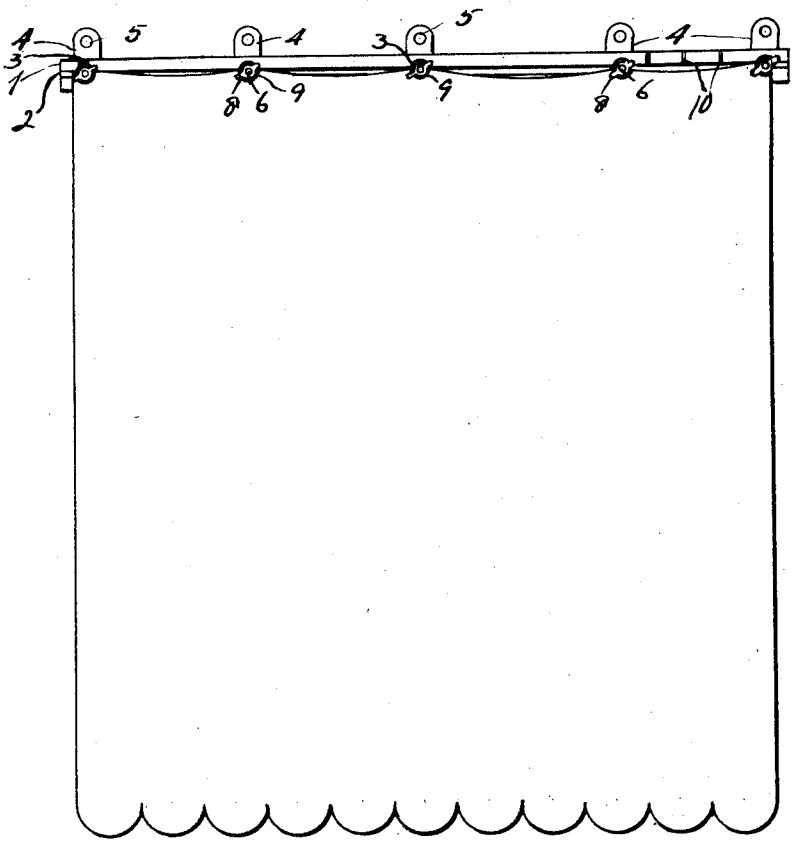


Fig. 2.

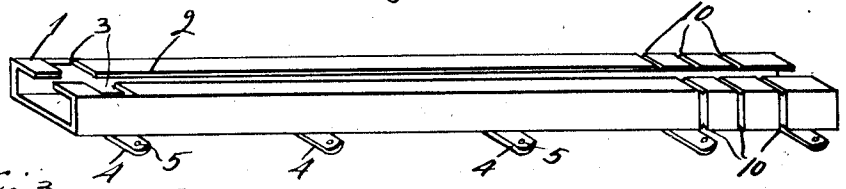


Fig. 3

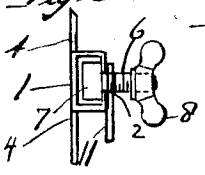
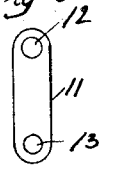


Fig. 6.



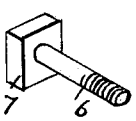


Fig 4.



Fig. 5.

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Patented Nov. 12, 1929 1,735,314

UNITED STATES PATENT OFFICE

JAMES A. DUTHIE, OF PHILADELPHIA, PENNSYLVANIA

AWNING HANGER

Application filed April 27, 1923. Serial No. 634,958.

My invention relates to new and useful improvements in awning hangers, and has for its object to provide an exceedingly simple and effective device of this description which may be applied to a window casing, the woodwork of a porch or other parts of a building and become a permanent fixture after which a properly equipped awning may be readily attached thereto or removed therefrom without disturbing or injuring the hanger.

A further object of my invention is to provide for the ready removal and replacement of the stud bolts which are utilized for the attachment of the upper edge of the awning to the hanger.

A still further object of my invention is to so construct the hanger that sections thereof may be readily broken therefrom so as to change the length of said hanger.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains, may understand how to make and use the same, I will describe its construction in detail, referring by numerals to the accompanying drawing forming a part of this application, in which:—

Fig. 1, represents my improved hanger in position showing an awning attached thereto.

Fig. 2, is an enlarged perspective of a section of the awning hanger.

Fig. 3, is an end view of Fig. 2 showing the manner in which the stud bolt fits within the hanger.

Fig. 4, is a detail perspective of the stud bolt.

Fig. 5, is a section of a portion of the awning showing one of the metal eyes adapted to be passed over the stud bolts.

Fig. 6, is a detail of pulley links.

In carrying out my invention as here embodied, 1 represents the hanger consisting of a rectangular casing preferably formed of relatively thin sheet metal and having a longitudinal groove 2 in the face thereof, said groove having the outlet slots 3 communicating therewith for the purpose hereinafter set forth.

4 represents attaching ears or lugs which are either formed with or secured to the hanger these lugs having holes 5 therein through which suitable screws or nails are passed for securement of the hanger in place.

6 represents stud bolts having enlarged square or rectangular heads 7 adapted to receive the thumb nuts 8. The head 7 of each of these bolts when passed into the interior of the hanger will permit the bolt to project through the slot 2 and also prevent the bolt from revolving while permitting it to freely slide longitudinally within the hanger.

When a series of these stud bolts have been placed within the hanger and slid to proper positions the upper edge of the awning is attached thereto by passing the metallic eyes 9 over the stud bolts and then running one of the thumb nuts 8 upon each of said stud bolts until they firmly bear against the eyes and thereby hold the upper edge of the awning in proper position.

To remove the awning it is only necessary to remove the thumb nuts and withdraw the eyes 9 from the stud bolts and if desired the stud bolts may be readily removed from the hanger by sliding one after the other to the center and withdrawing their heads through the outlet slots 3 but in practice these bolts would be left in place and secured against accidental removal by jambing the thumb nuts against the casing.

These hangers may be made in any length but I prefer that they shall be made in given lengths and where a long awning is to be hung such as upon a long porch a number of sections are secured in place upon the woodwork end to end so that the slots 2 thereof will come in alignment.

To provide for shortening the hanger when made in given lengths I groove or weaken certain sections thereof as indicated at 10 so that either or all of these sections may be readily broken off to bring the hanger to the desired length.

While my improved hanger is especially made of sheet metal bent into form it may also be cast and for some purposes this will be found to be desirable since any ornamental configuration may thereby be formed upon the surface of the hanger so as to correspond with any particular ornamentation of the window frame or porch woodwork and when the hanger is painted to harmonize with such woodwork it may blend into the design as a part thereof.

For convenience in supporting the pulleys carrying the ropes for raising and lowering the awning a link 11 may be used having the holes 12 and 13, the hole 12 being adapted to pass over one of the bolts 6 and the hole 13 adapted to receive a wire or cord for supporting a pulley.

By the use of my improved hanger awnings may be removed for the winter season and replaced for the summer season without in any way marring the woodwork.

Of course I do not wish to be limited to the exact details of construction as herein shown as these may be varied within the limits of the appended claim without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is:—

A device of the kind disclosed comprising a hollow rectangular longitudinally slotted metal casing provided with a plurality of spaced parallel lateral grooves formed in the exterior faces of all its walls adjacent only one end so that selected portions of the casing can be readily broken off, and means at spaced intervals on the back wall of the casing adapted for attachment of the casing to a support, one of said means being behind the endmost groove, whereby the removal of any portion of the grooved end of the casing will eliminate the last mentioned one of said means.

In testimony whereof, I have hereunto affixed my signature.

JAMES A. DUTHIE.