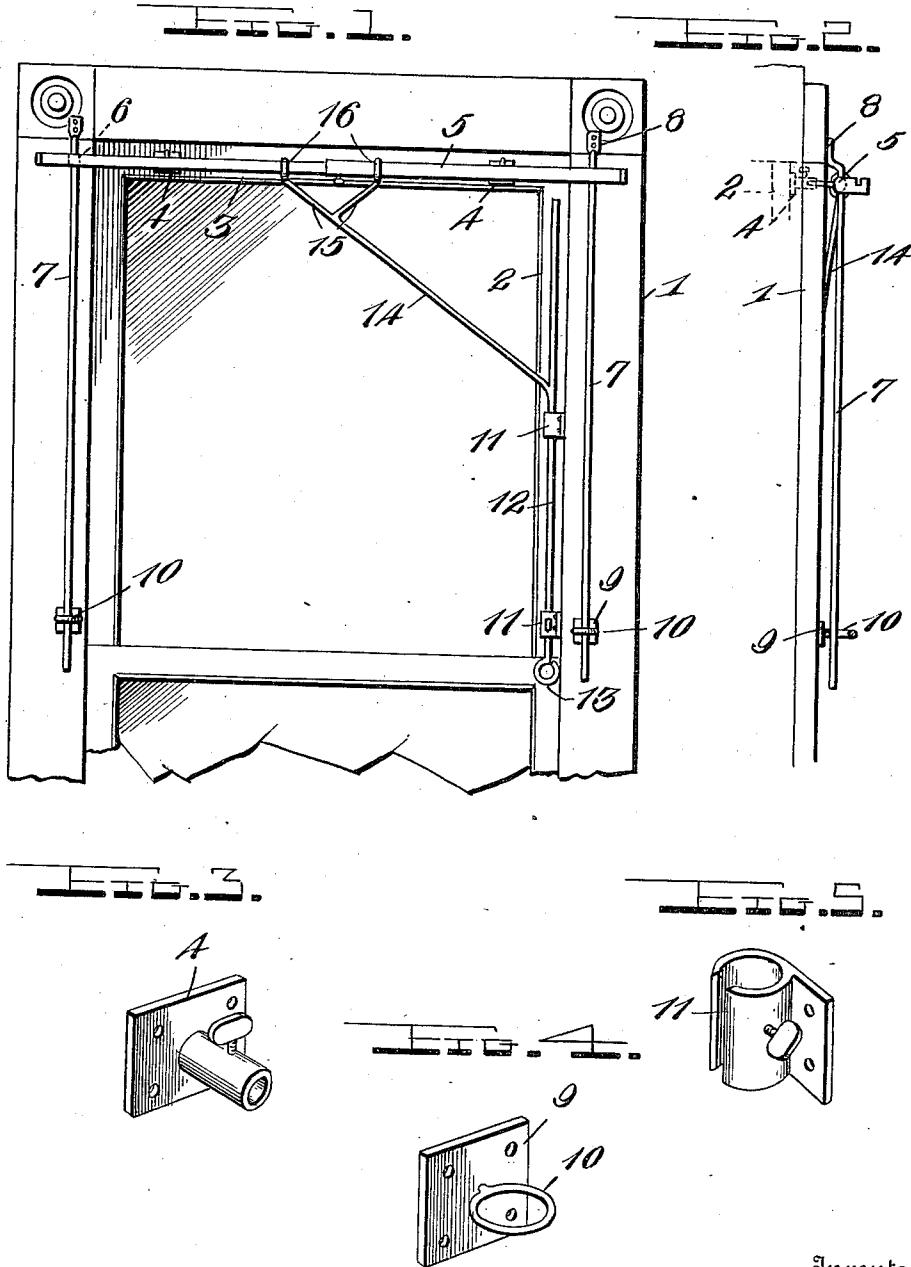


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SHADE HANGER.
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Patented Nov. 5, 1912.



Witnesses

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SHADE-HANGER.

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To all whom it may concern:

Be it known that I, TOLBERT JONES, a citizen of the United States, residing at Monett, in the county of Barry and State of Missouri, have invented certain new and useful Improvements in Shade-Hangers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to windows, and more particularly to a device for raising and lowering the sashes of windows, and at the same time arranged to actuate the shades thereof.

The object of this invention is to provide a device which will be adapted for raising and lowering the sash of a window, and at the same time move the shade of the same in such a manner as to be out of the draft when the window is opened.

A further object of this invention is to provide an attachment for holding the shade which can be adjusted to various sizes thereof.

Another object of this invention is to arrange the mechanism that operates the shade in such a way as to operate in unison with the attachment that actuates the window sash.

Another object of this invention is to arrange all the parts that normally interfere with the draft, or proper ventilation, when the upper sash is opened, so that they will be out of the path of the same, and will not interfere in any way with the result desired when the window is opened, at the same time provision is made so that the shade attached to the window can be properly actuated and used for the ordinary purposes.

Other objects of this invention will become apparent as it is more fully set forth.

Ordinarily when a window is opened, in order to ventilate the room in which it is situated, it is necessary to open the window sash a relatively large amount, because of the many obstacles in the path of the window opening when the same is opened, reference being had particularly to the upper sash of the window. Usually the shade has its roller extending directly across the upper portion of the window, and should it not be so disposed the shade proper usually extends down sufficiently to intercept any air that tends to enter the room when the window is opened. In addition the roller and shade

suffer severely from the elements because of their position directly in the path of the wind and rain when the window is opened. This invention avoids these difficulties and further has the advantage in that it permits a person to readily open the window in a most convenient manner, at the same time lower the shade out of the path of the elements when the window is opened.

In the accompanying drawings which illustrate by way of example an embodiment of this invention; Figure 1 represents a window with an embodiment of this invention attached thereto; Fig. 2 is a side elevation of Fig. 1; Figs. 3, 4, and 5 are details of the various parts of this device.

Similar reference characters refer to similar parts throughout the drawings.

In the drawings which illustrate the construction of this invention 1 represents the window frame which has an ordinary sash 2 movable therein, and which has secured to its upper cross piece 3 a pair of holders 4 arranged to hold an adjustable shade holder 5 that has its outer ends suitably arranged for the purpose of properly supporting a shade, and which has holes 6 provided therein in order to permit the holder to properly slide up and down on the guides 7, that are secured in a suitable manner to the framework 1. The holders 4 are provided with a suitable back plate having holes for screws for fastening the same to a window sash, and with a centrally disposed cylindrical portion arranged to receive suitable arms attached to the shade holder 5, and which can be suitably and adjustably locked in the same by means of the set screw. The member 4 is shown in detail in Fig. 3. These guides are preferably made of rods with their upper ends 8 flattened in order that they may be securely attached by means of screws to the window frame and have their lower portions held in place by a holder 9 having a circular ring 10 arranged so as to permit a slight movement of the rod therein, as is clearly shown in the drawings.

Secured to the window frame are slotted holders 11 arranged to permit the reciprocation thereof, of a rod 12 which has a handle 13 disposed on its lower end in order to permit convenient hold to be had on the same when the same is to be actuated. The upper portion of the rod 12, is arranged so as to be secured to the sash of the window, so that

the same can be readily actuated when desired, and a side arm 14 having extending pieces 15 forming a wide member on the upper portion of the arm, and which are provided with rings 16 arranged to slip over the holder 5. The rod 5 is adjustable so that the device can be placed on various sized windows, so that it can hold shades of a size to fit the same. The end portions of the rod 5 are provided with suitable means for holding the shades, as is clearly shown in the drawings. Set screws are provided in the holders 4, 5 and 11, for the purpose of locking the parts movably therein, whenever the same is desirable.

In operation the handle 13 is grasped by the operator and a set screw on the lower guide way 11 is opened so that the rod 12 can be actuated, and if the operator so desires he pulls on the handle 13 which in turn lowers the rod 12, sash 2, the arm 14, and the holder 5, so that the portion above the window is left unintercepted for any air that may come in and out of the window, at the same time the shade is in such a position that it can be actuated, and still not interfere with the draft in any way. As the holder 5 is lowered, it slips on the guide 7 and in case of any unevenness in the same it is moved slightly in the rings 10 and

permits the irregularities to be taken care of, without interfering at all with the proper actuation of the holder.

Having thus described this invention it is claimed:

1. In a device of the class described, an adjustable shade holder, adjustable means for attaching said holder to a window sash, and means for guiding said holder, the last mentioned means being arranged to adjust itself to any slight irregularities in its construction.

2. In a device of the class described, an adjustable shade holder, adjustable means for attaching said shade holder to a window sash, rods for guiding said holder, having one of their end portions attached to a window frame, and holders disposed on said window frame and having rings secured thereto in which the other end portions of said rods are disposed, said rings being relatively large so as to permit a slight movement of said rods therein.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

TOLBERT JONES.

Witnesses:

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H. L. BROWN.