S. CISS.

SHADE HOLDER.

APPLICATION FILED APR. 23, 1921.

**1,412,608.** **Patented Apr. 11, 1922.**

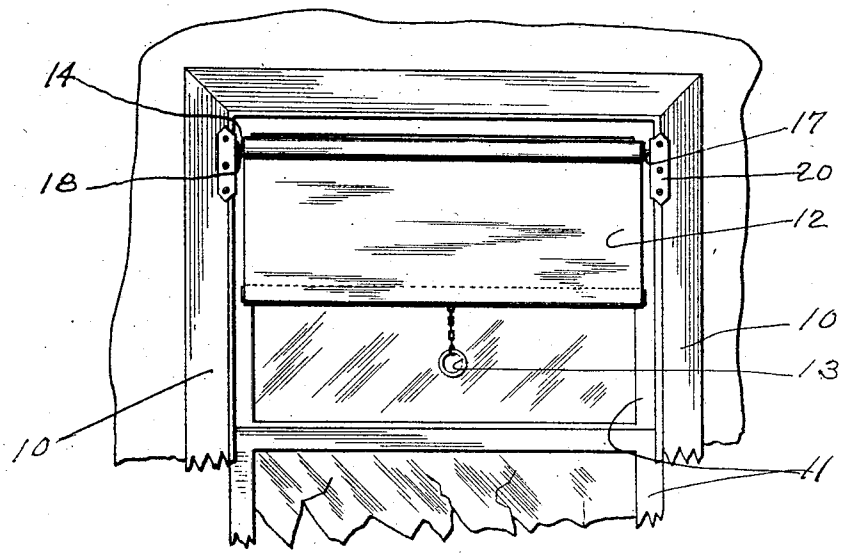



FIG. 1

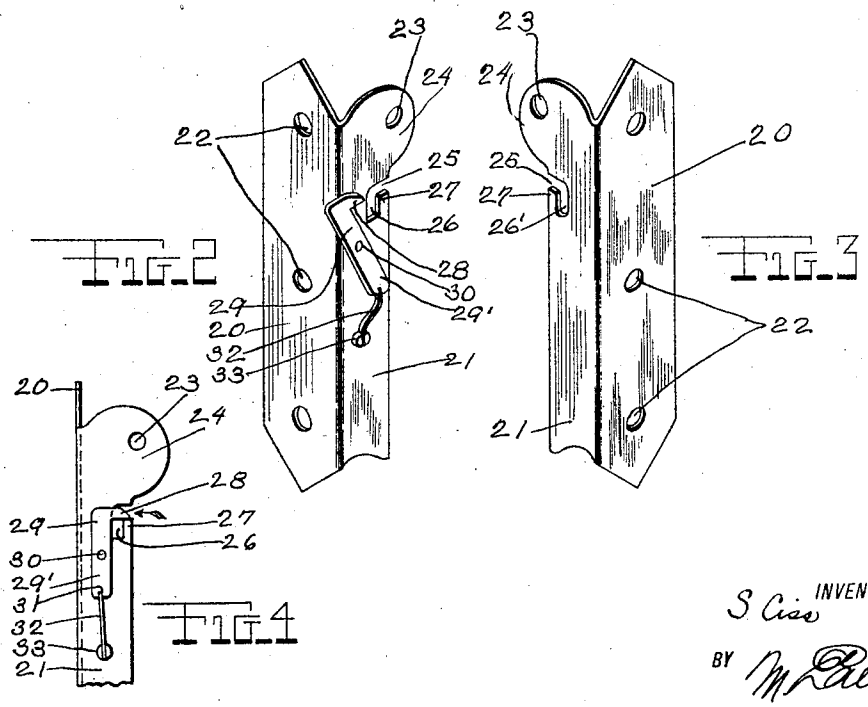



FIG. 2

FIG. 3




FIG. 4

S. Ciss INVENTOR

BY M. Blum

ATTORNEY

# UNITED STATES PATENT OFFICE.

STEPHEN CISS, OF PLAINVILLE, CONNECTICUT.

## SHADE HOLDER.

1,412,608. Specification of Letters Patent. **Patented Apr. 11, 1922.**

Application filed April 23, 1921. Serial No. 464,026.

*To all whom it may concern:*

Be it known that I, STEPHEN CISS, a citizen of the United States, residing at Plainville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Shade Holders, of which the following is a specification.

This invention has for its object to provide a cheap and effective shade roller bracket, comprised of a single sheet metal blank, so constructed that the pintle of the shade roller may be easily and quickly engaged or released at will.

Another object is to provide means combined with one of the brackets permitting ready adjustment of the roller spring and maintaining it when adjusted.

These objects are attained by the novel construction and arrangement of parts hereinafter described and shown in the accompanying drawings, forming an essential part of this disclosure, and in which:—

Figure 1 is a partial front elevational view of a conventional type of window showing the application of the invention.

Figure 2 is a perspective view of one of the brackets in detail.

Figure 3 is a similar view of the mating bracket.

Figure 4 is a side view of the bracket shown in Figure 2.

Referring to the drawing more fully, the numeral 10 designates the frame of a common window having sashes 11 over which may be drawn a shade or curtain 12 by the pull device 13.

The shade is partially wound upon a roller 14 containing the usual winding spring (not shown) and set in one end of the roller is a plain round pintle 17 while at the other end is a flattened pintle 18 connecting with the spring in the usual manner.

Each of the blanks from which the brackets are formed is preferably made of sheet metal, bent lengthwise at about the center to produce two elements 20 and 21 disposed at a right angle.

The foot or base element 20 has formed through it openings 22 for the reception of screws or like securing means by which the brackets are fastened to the faces of the window frame 10 as shown in Figure 1.

The angular elements 21 are also provided with openings 23 for carrying a light curtain, the same being at the upper outer corner of the bracket in a curved extension 24.

The lower boundary of this extension is slightly offset from a transverse slot 25 downturned parallel with the edge of the blank, as at 26 and 26′, the remaining material forming a projection 27, adapted to hold the pintles in the slots in the ordinary manner.

The bottom of the slot 26′ is curved to receive the corresponding round pintle 17 so that it can turn freely therein, and the bottom of the slot 26 is square to receive the flattened portion of the pintle 18.

This pintle 18, which is directly engaged with the spring winding device of the shade roller, is held in place by a hook 28 formed at the upper end of a detent lever or catch 29, pivoted on a pin 30 fixed in the element 21.

The lower end 29 of this lever has a slit 31 receptive of the end of a flat spring 32, rigidly fixed at its opposite lower end in a stud 33 riveted in the plate element 21, the spring 32 being of such length and so positioned as to be capable of holding the detent lever in either an open position, as shown in Figure 2, or an operative position, over the pintle, as indicated in Figure 4, thus locking the pintle in its adjusted position, preventing it from turning or being removed until the latch lever has been pushed away.

Having thus described the manner of construction, application and manner of using the invention, what I claim as new and desire to secure by Letters Patent, is:—

A window shade bracket comprising a member bent longitudinally to provide two elements disposed at right angles, one of said elements having openings for securing means, the other of said elements containing a transverse open slot having a downwardly extending portion adapted to contain a shade holder pintle, a hook latch pivoted on said slotted element, adapted to retain the pintle in the downturned portion of the slot, a post fixed in said element, and a flat spring having one end fixed in said post and the opposite end seated in a recess formed in the end of said latch opposite the hooked portion thereof.

In witness whereof I affix my signature.

STEPHEN CISS.