

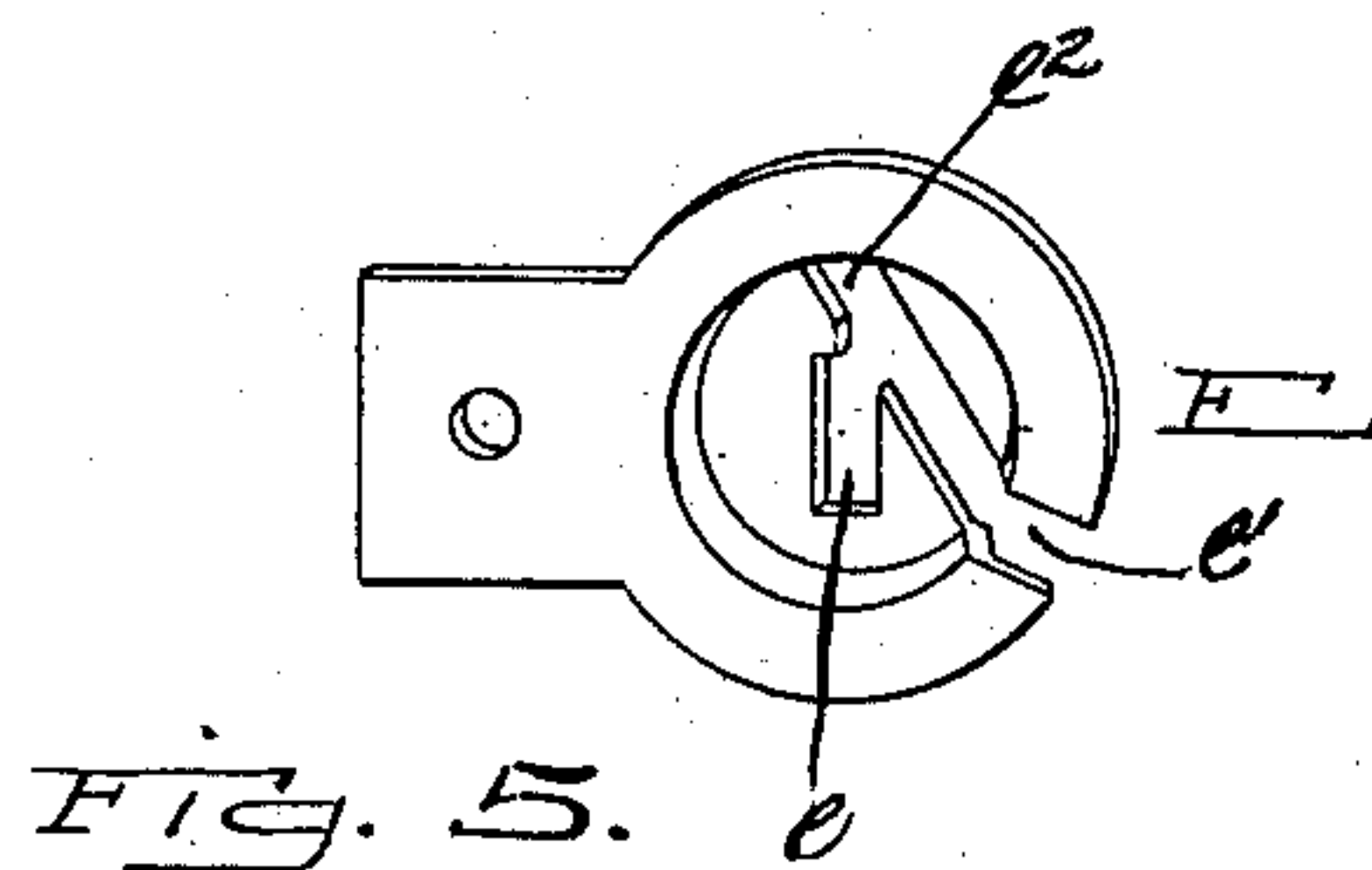
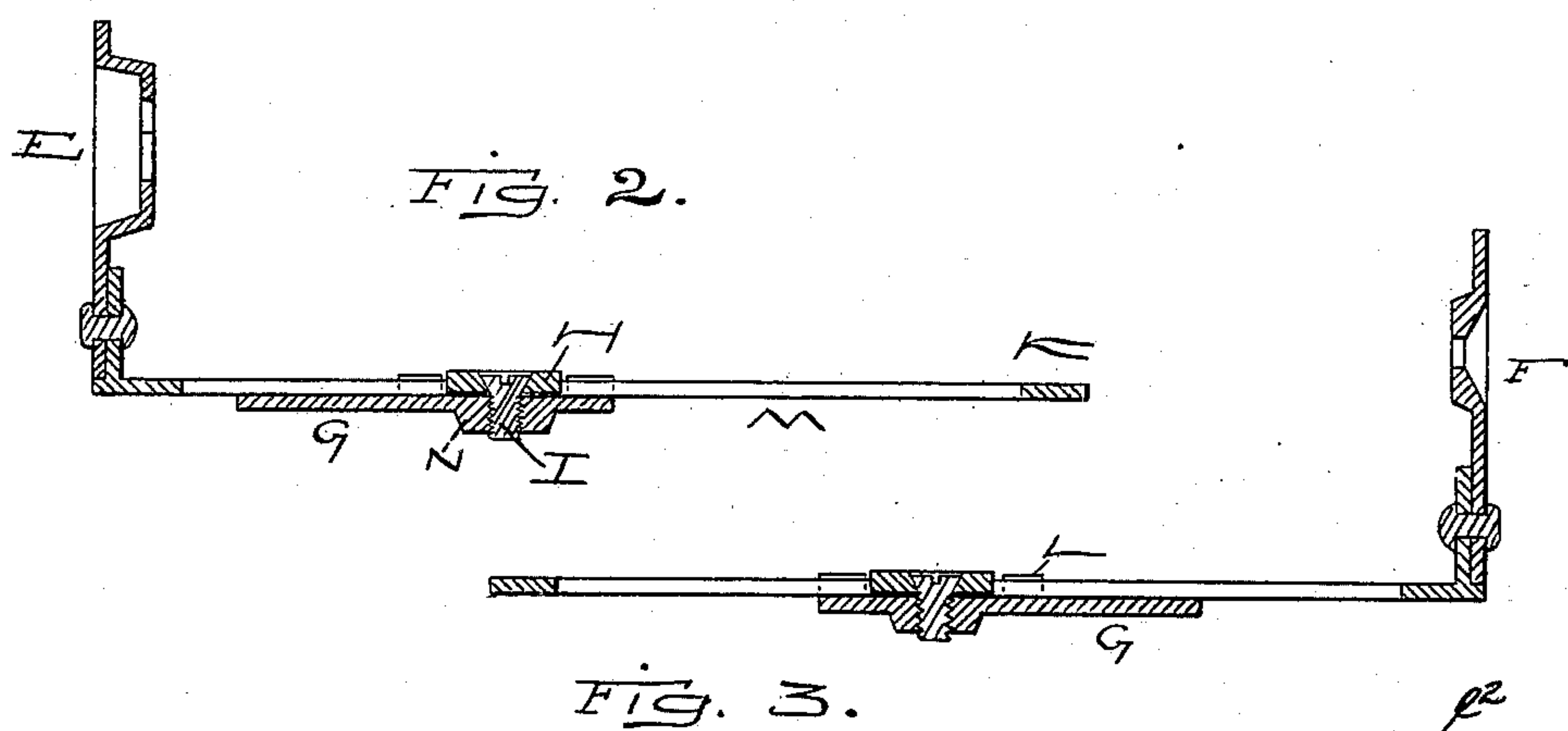
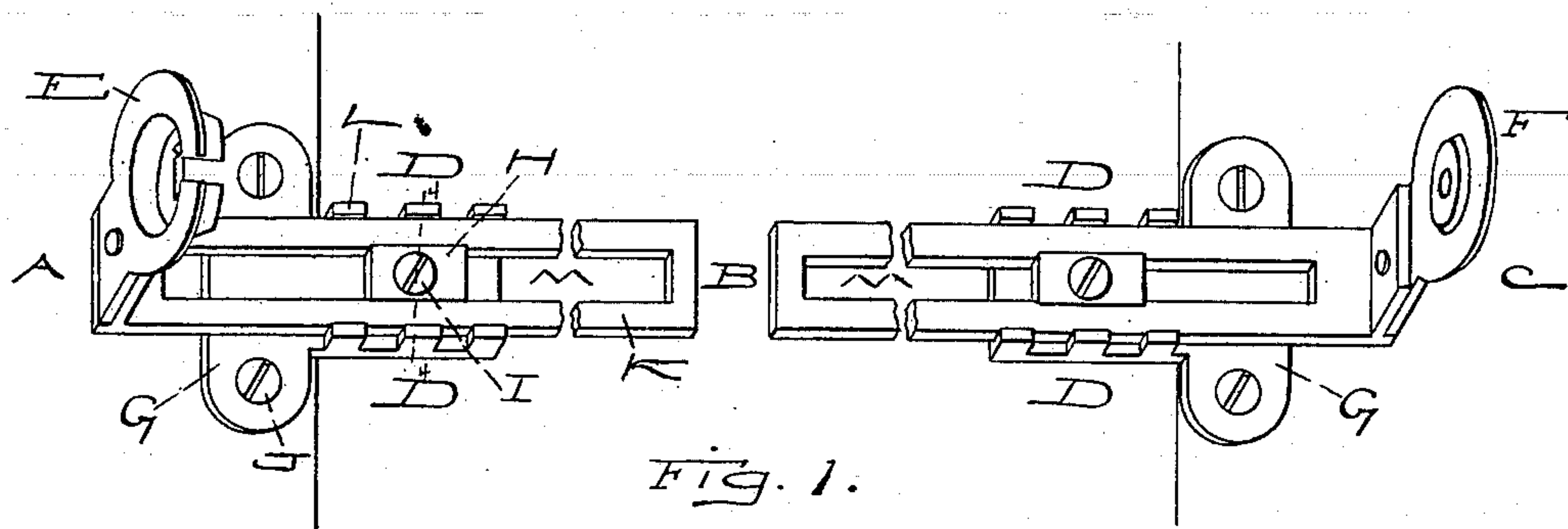
No. 624,259.

Patented May 2, 1899.

J. A. SMITH.
ADJUSTABLE SHADE HOLDER.

(Application filed Feb. 23, 1899.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 624,259, dated May 2, 1899.

Application filed February 23, 1899. Serial No. 706,603. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. SMITH, a citizen of the United States, residing at Newburg, in the county of Orange and State of New York, have invented certain new and useful Improvements in Adjustable Shade-Holders, of which the following is a specification.

My invention relates to adjustable shade-holders whereby they may be adapted to accommodate shades of various sizes; and the object of this invention is to produce certain improvements in this class of devices, which object I accomplish as shown in the drawings and hereinafter set forth.

In the drawings which accompany this specification and form a part thereof, Figure 1 is a front perspective view showing the complete holder. Figs. 2 and 3 are central longitudinal sectional views of the left and right hand parts of the holder, respectively. Fig. 4 is a transverse sectional view on the line of 4 4 of Fig. 1, and Fig. 5 is a view of the bracket for the spring end of the roller.

In the drawings, A and B represent two bracket-holding plates or slides of rectangular form, each provided with a longitudinal central slot M. Slide A carries at its outer end the bracket E, which is riveted to an outwardly-turned end of the slide and which is provided with the usual rectangular socket *e* to receive the correspondingly-shaped spindle of the roller, which is of the familiar spring-controlled type. The slide B carries the usual bracket F to accommodate the round spindle at the other end of the roller. These plates A and B are adjustably mounted in guide-brackets D, which may be provided with suitable ears G, by which they may be secured to the window-casing. The brackets are provided with outwardly-projecting lips or lugs, which form guides or ways, in which the plates A and B rest and in which they may be slid back and forth to obtain the desired adjustment and arrangement to fit rollers of different sizes.

The plates A and B are clamped in position in the guides or ways of the brackets D by means of fastening-plates H, which fit within the slots M of the plates and whose edges are beveled, as shown in Fig. 4, to correspond with the bevel of the edges of the slots.

The brackets D are somewhat thickened at

about the center of their body, as at N, in order to provide suitable bearings for the screws I, which serve to draw the bevel edges of the fastening-plates H down against correspondingly-beveled edges of the slots, and thus clamp the plates in place.

By loosening the screws I the sliding plates A and B may be adjusted to fit wide or narrow rollers, according to the requirements of the window, and when the proper adjustment is obtained the tightening of the screws securely holds the part in the desired relation.

The bracket E is provided with the usual rectangular bearing *e* for the spring-controlled spindle of the shade-roller, which is of the usual form corresponding substantially to the shape of slot *e*. In order to properly assemble the parts, the spring of the roller is usually wound up and held under tension while its spindle is being seated in the bearing of the bracket. For this purpose a suitable lateral passage *e'* is provided in the face of the bracket. With such construction the spindle is first passed into this passage *e'* and is then turned down into its bearing. This is objectionable, as the hold on the spindle is apt thereby to be relaxed and the spring to unwind, necessitating another trial. To avoid this, a slot *e²* is provided, which is practically a continuation of the passage *e'* and is located at the junction of the passage and the bearing *e*, so that the spring passes into the slot *e²* and from thence is easily dropped into its bearing *e* without being turned.

Having thus described my invention, what I claim, and desire to cover by Letters Patent, is—

1. In an adjustable holder for shade-rollers, a bracket provided with ears to fasten the same to the window-casing and with lugs or lips to form a guide or way, a longitudinal slotted plate adjustably mounted in the guide and provided with inner beveled edges and with a suitable bracket for the shade-roller, a clamping-plate within the slot of the sliding-plate and having its upper and lower edges correspondingly beveled, and means to clamp the said plates to the bracket, substantially as described.

2. In an adjustable holder for shade-rollers, the combination with brackets adapted to be secured to the window-casing, each having

a suitable guideway and a thickened body portion of slotted sliding plates adjustably mounted in guideways of said brackets, one of said plates bearing a bracket having a circular bearing and the other a bracket having a rectangular bearing, the passage leading to said bearing and a slot at the junction of said bearing and passage, clamping-plates located in the slots of the sliding plates and screws,

one for each clamping-plate passing into the thickened body of the bracket, substantially as described.

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

JAMES A. SMITH.

Witnesses:

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