

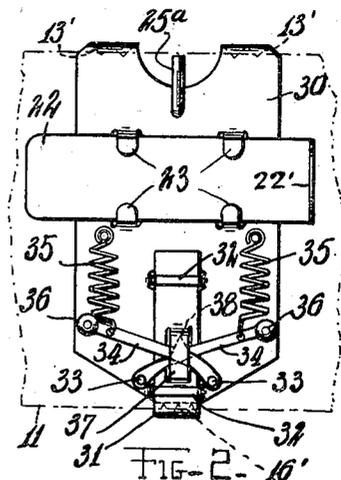
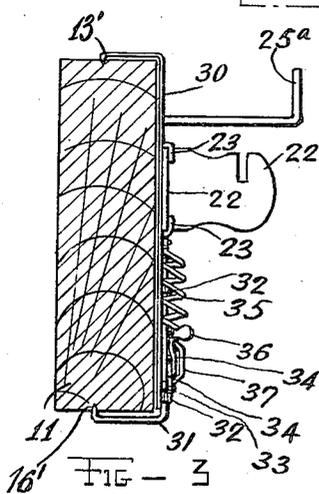
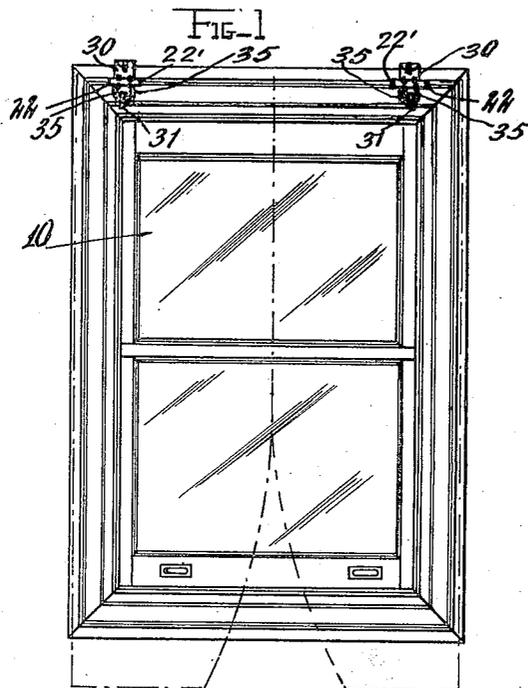
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P. PIOTROWSKI

SUPPORT FOR WINDOW SHADES AND CURTAINS

Filed May 6, 1922



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UNITED STATES PATENT OFFICE.

PAUL PIOTROWSKI, OF NEWPORT, NEW HAMPSHIRE.

SUPPORT FOR WINDOW SHADES AND CURTAINS.

Application filed May 6, 1922. Serial No. 558,855.

To all whom it may concern:

Be it known that I, PAUL PIOTROWSKI, a citizen of Poland, residing at Newport, in the county of Sullivan and State of New Hampshire, have invented certain new and useful Improvements in Supports for Window Shades and Curtains, of which the following is a specification.

This invention relates to supports for window shades or curtains, and it has for an object to provide a simple form of supporting bracket for the shade roller and curtain pole adapted to be removably clamped on the top member of a window frame.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawings is a face view of a window showing my improved supports mounted on the frame thereof.

Fig. 2 is a detail face view of one of the brackets.

Fig. 3 is a side view thereof.

In the drawing I have indicated a portion of a window at 10, the top strip of the usual window frame being indicated at 11 and being adapted to have the curtain pole and shade roller supporting devices clamped thereon. These devices each comprise a vertically elongated plate 30 having sharpened hooks 13' with downwardly projected points formed on its upper end and adapted to engage the top edge of the frame strip, the bar extending downwardly across the face of said strip.

Co-operating with this plate 30 is a short flat bar 31 which is provided on its lower edge with sharpened hooks 16' having upwardly projected points adapted to engage bottom edge of the strip 11.

The plate 30 carries a shade roller supporting bracket 22 having an outwardly projected arm 22' suitably slotted or apertured to receive the roller trunnion, this bracket being in the form of a flat bar extending horizontally across the face of the plate 30, and held in adjustable engagement therewith by means of tongues 23 struck out from the plate 30 and engaging over opposite edges of the bracket 22. These tongues 23 press on the bracket 22 with sufficient frictional force to hold the latter

against sliding movement under ordinary conditions while permitting of adjustment upon the application of sufficient force.

Fixed in the plate 30 above the bracket 22 is a rod 25 having an upturned end 26 adapted to receive a curtain pole in a well known manner. The bar 31 is slidable vertically along the lower portion of the plate 30 and is guided by bands 32 struck out from the plate 30 and having a hooked lower end 16'.

Fulcrumed each at one end as at 33 to the plate 30, on opposite sides of the vertical bar 31, is a pair of levers 34 which project across the bar 31 and cross each other, and have tension springs 35 connected thereto near their free ends, their free ends being provided with knobs or handles 36, the tension springs 35 being attached to the plate 30. These levers 34 pass under a tongue 37 struck out from the bar 31 whereby they have operative engagement with the latter, having humps 38 on their upper edges adapted to engage the upper end of the tongue where it bends horizontally to unite with the body of the bar. The plate 30 carries a roller bracket 22^a frictionally engaged by tongues 23^a on the plate 30, and a curtain pole supporting rod 25^a.

In mounting this support on the frame strip the levers 34 may be pulled downward, by grasping the knobs 36, until the hooks 13' and 16' are separated sufficiently to straddle the strip 11. The plate 30 is then placed in contact with the strip 11 and the levers released, the hooks pressing on the strip with a force greater than the spring tension because of the leverage obtained.

As will be apparent, a pair of these supports are used, and are suitably positioned one adjacent each end of the strip 11. Final adjustment to enable the roller trunnions to engage the bracket arms 22' may be effected by adjusting the brackets 22 on the plate 30, without changing the position of the supports on the strip 11.

Having thus described my invention what I claim as new and desire to protect by Letters Patent of the United States is as follows:

1. A device of the class described comprising a pair of elements adapted to grip respectively the upper and lower edges of the top strip of a window frame, a lever fulcrumed at one end to one of said elements and engaging at a point between its ends

the other of said elements to draw the two elements toward one another, and a tension spring connected to the first named element at one end and at its other end to the said lever adjacent the free end of the latter.

2. A device of the class described comprising a pair of elements adapted to grip respectively the upper and lower edges of the top string of a window frame, a lever fulcrumed at one end to one of said elements and engaging at a point between its ends the other of said elements to draw the two elements toward one another, and a tension spring connected to the first named element at one end and at its other end to the said lever adjacent the free end of the latter, said lever having a knob on its free end for manual manipulation.

3. A device of the class described comprising a main plate, a bar vertically guided thereon, back-turned hooks formed respectively on the upper and lower ends of said plate and bar, a lever fulcrumed on the said plate and engaging said bar to move it vertically thereon, a spring connected to said lever at a point farther from the fulcrum thereof than the point of engagement of the lever with the said bar, and shade supporting means carried by said main plate.

4. A device of the class described comprising a main plate, a bar vertically guided thereon, back-turned hooks formed respectively on the upper and lower ends of said plate and bar, a pair of levers fulcrumed on said plate one on each side thereof, said levers crossing over said bar in opposite directions and having operative engagement therewith at points between their ends, and coiled tension springs attached at one end to said plate and at opposite ends to said levers adjacent the free ends of the latter.

5. A device of the class described comprising a main plate, a bar vertically guided thereon, back-turned hooks formed respectively on the upper and lower ends of said plate and bar, a pair of levers fulcrumed on said plate one on each side thereof, said levers crossing over said bar in opposite directions and having operative engagement therewith at points between their ends, and coiled tension springs attached at one end to said plate and at opposite ends to said levers adjacent the free ends of the latter, and handle elements on the free ends of said levers.

In testimony whereof I have affixed my signature.

PAUL PIOTROWSKI.