(No Model.)

A. AKESON.

COMBINED SUPPORT FOR CURTAINS AND SHADES.

No. 551,199. Patented Dec. 10, 1895.

Fig. 1.

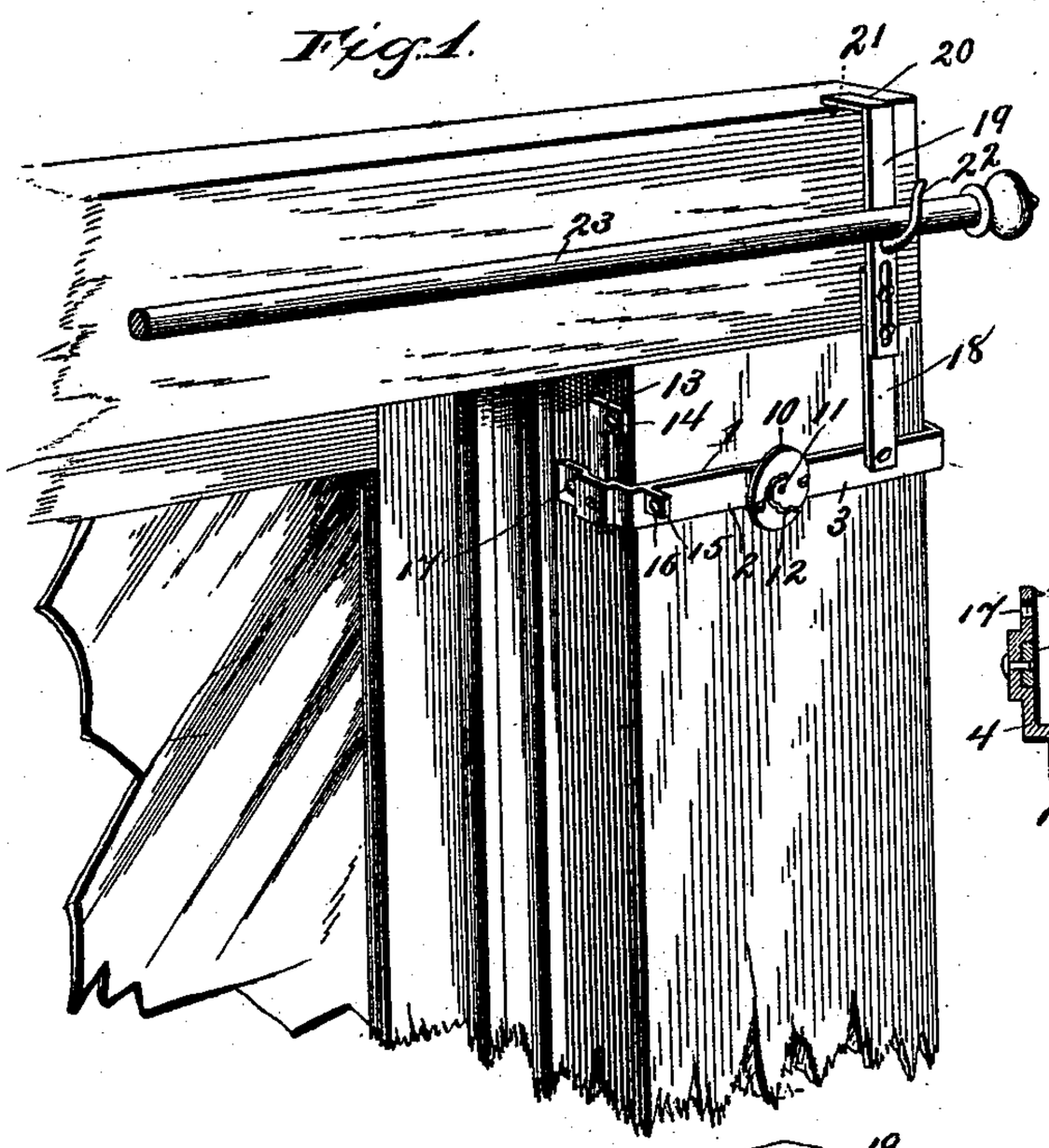


Fig. 2.

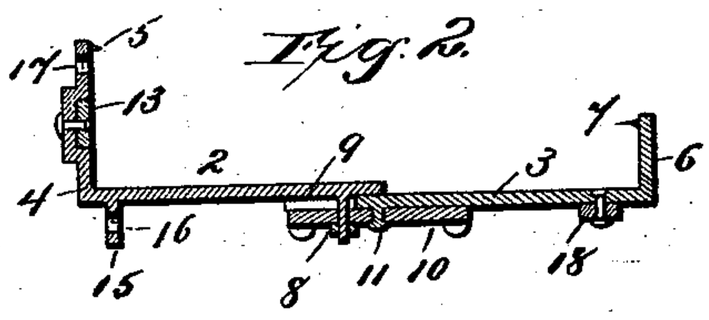


Fig. 3.

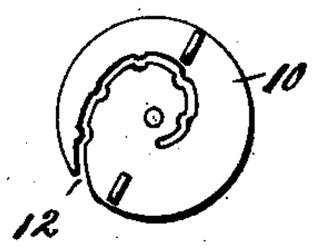


Fig. 4.

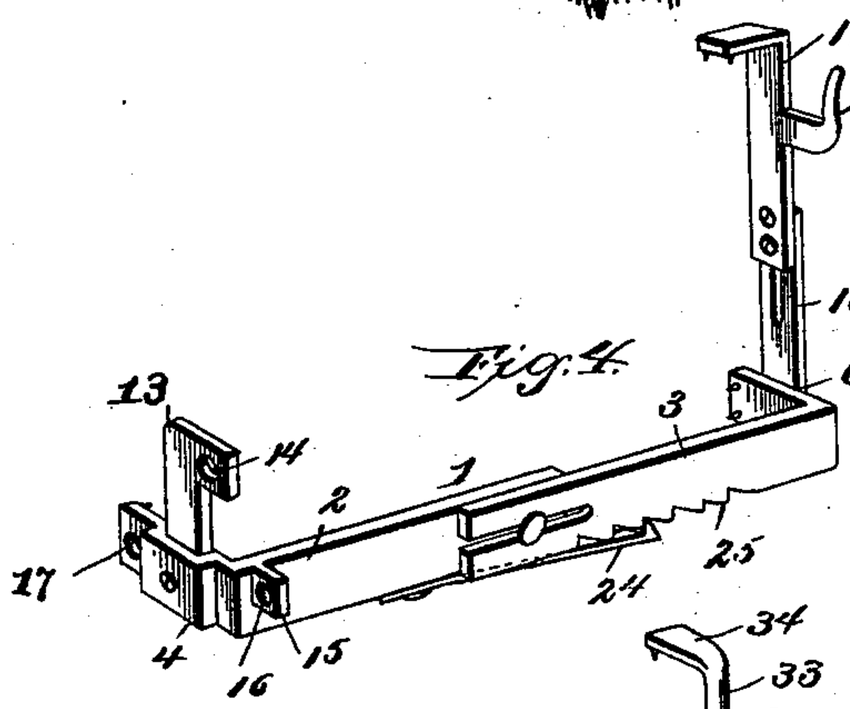


Fig. 5.

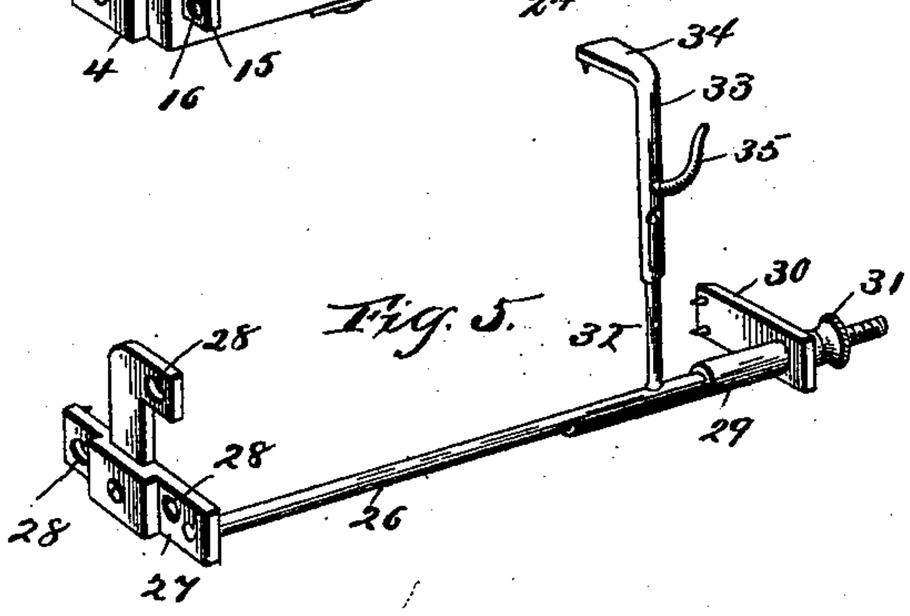
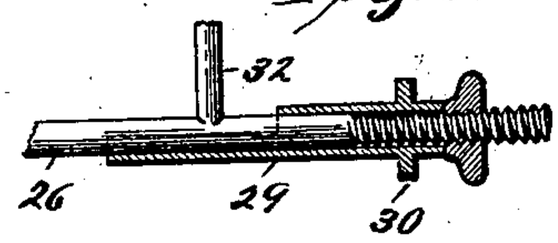


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

ANDERS AKESON, OF PROVIDENCE, RHODE ISLAND.

COMBINED SUPPORT FOR CURTAINS AND SHADES.

SPECIFICATION forming part of Letters Patent No. 551,199, dated December 10, 1895.

Application filed August 13, 1895. Serial No. 559,129. (No model.)

To all whom it may concern:

Be it known that I, ANDERS AKESON, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in a Combined Support for Curtains and Shades, of which the following is a specification.

My invention relates to a new and useful improvement in combined supports for curtains and shades, and has for its object to provide such a device that may be applied to a window-frame without the use of tacks or nails, and which may be adjusted so as to adapt it to varying widths or shapes of window-frames.

With this end in view the invention consists in certain details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

To enable those skilled in the art to which the invention appertains to make and use the same, I will describe its construction and operation in detail, referring by numbers to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a perspective of a portion of a window-frame with one form of my improvement attached thereto; Fig. 2, a longitudinal section of the clamping device; Fig. 3, a detail of the lock-disk; Fig. 4, a perspective of a slightly-modified construction in which a detent is used in adjusting the clamp in place of the locking-disk; Fig. 5, another form in which my device may be made; and Fig. 6, a detail sectional elevation of one end of the clamp shown in Fig. 5.

Similar numbers denote like parts in all the views of the drawings.

1 represents a clamp, composed of the angle-strips 2 and 3, the former terminating in the right-angled extension 4, which is provided at its outer end with spurs 5. The strip 3 is provided with a similar angled extension 6, also terminating in spurs 7. These strips are adapted to slide upon each other and are guided by the pin 8, running in the slot 9.

10 is a locking-disk pivoted to the strip 3 by the lug 11, and in this disk is formed a spiral groove 12, in which the pin 8 is adapted to travel. To secure the clamp to a window-frame, it is placed upon said frame so that the angular extensions 4 and 6 embrace the same, when by revolving the disk 10 the pin 8 will be drawn toward the center of said disk by the action of the groove 12 thereon, thus forcing the prongs 5 and 7 into the wood of the frame, which will firmly secure the clamp in place. The unevenness of the groove 12 serves to retain the disk against retrograde movement and prevent accidental disengagement of the clamp.

13 is a bracket secured to the angle 4 and extending upward. This bracket is provided with a hole 14, adapted to receive the end of a shade-roller. 15 is also a bracket projecting from the face of the strip 2, and is provided with a hole 16, which may be used as the bearing of a shade-roll, and 17 is a hole formed in the end of the angle 4, which may also be used in journaling the shade-roll, so that it will be seen that when one of my improved fixtures is used upon either side of a window-frame a shade-roll may be journaled in either of the holes 14, 16, or 17, thus providing for the use of rollers of slightly-varying lengths, as well as permitting a roller to be journaled near the top of the window-frame or farther therefrom.

Riveted to the strip 3 is a vertical strip 18, which extends upward, and to the upper end of which is adjustably secured by set-screws the strip 19, which latter terminates in a foot 20, provided with prongs 21. By the engagement of these prongs with the upper edge of the window-frame a reliable support is provided for the fixture, which relieves to a great extent any downward strain that may come upon the clamp 1.

22 is a bracket adapted to receive and support a curtain-pole 23 of any desired construction.

In Fig. 4 I have varied the construction above described by substituting for the locking-disk 10 a detent 24, which is adapted to engage with teeth 25, formed in the lower edge of the strip 3, so that the clamp members may be drawn together and secured to the window-frame by simply pressing against their angled ends, and instead of securing the strip 18 to the face of the strip 3 it is secured upon the angled piece 6, and the bracket 22 is formed integral with the strip 19. I have also found that the construction shown in

Figs. 5 and 6 is very effective in practice, in which 26 is a rod secured to the clamp member 27, which latter is provided with the several holes 28 for journaling the shade-roll, and running on this rod is a tube 29, terminating in a foot 30, provided with suitable prongs for insertion in the wood of the window-frame, and 31 is a nut run on the threaded end of the rod 26, whereby the foot 30 is caused to clamp said window-frame. Secured to the rod 26 is the upright rod 32, upon the upper end of which is adjustably secured the tube 33, terminating in the foot 34 and provided with the pole-supporting bracket 35.

By my improvement the use of tacks or nails is entirely obviated and a fixture is provided which will firmly support a curtain-pole and at the same time permit the journaling of a shade-roll in one of three positions, as may be desired.

I am aware that many modifications of my device may be made, and I therefore do not wish to be limited to the exact construction shown and described, but desire to cover, broadly, a combined shade-roll and curtain-pole support adapted to be clamped upon a window-frame without the use of tacks or nails.

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

1. The combination of the angular strips 2 and 3, shade roller supports carried by the former, strip 18, secured to the strip 3, strip 19, adjustably attached to strip 18, foot 20, formed with the strip 19, and pole supporting bracket 22, all arranged to operate as and for the purpose set forth.

2. The combination of the shade roller supports, strip 2, strip 3, means for locking said strips together whereby they are clamped to a window frame; strips 18 and 19, foot 20, and pole support 22, substantially as and for the purpose set forth.

3. The herein described combination of the strips 2 and 3, a lock for securing said strips in a clamped position, shade roller supports carried by one of the strips, upright strips 18 and 19, the former attached to said strip 3, the foot 20, and pole supporting bracket 22, all arranged to operate as and for the purpose set forth.

4. The combination of the angular strips 2 and 3, shade roller supports carried by the former, strips 18 and 19, foot 20, pole supports carried by the strip 19 and means for adjusting the position of the strip 19, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

ANDERS AKESON.

Witnesses:
S. S. WILLIAMSON,
ALBERT R. GREENE.