

No. 612,684.

Patented Oct. 18, 1898.

J. F. THOMPSON.
SASH CORD GUIDE.

(Application filed May 15, 1897.)

(No Model.)

Fig. 1.

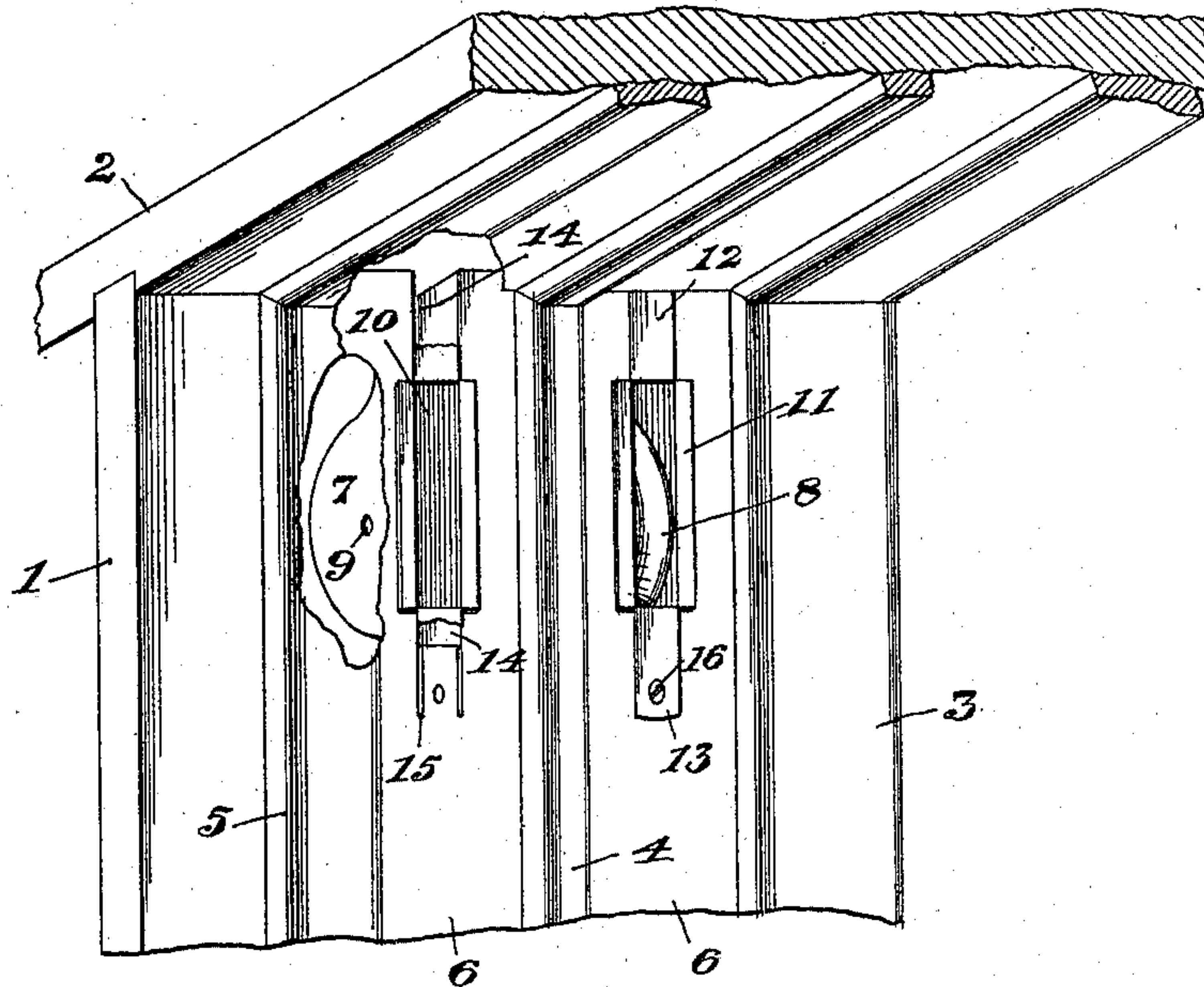


Fig. 2.

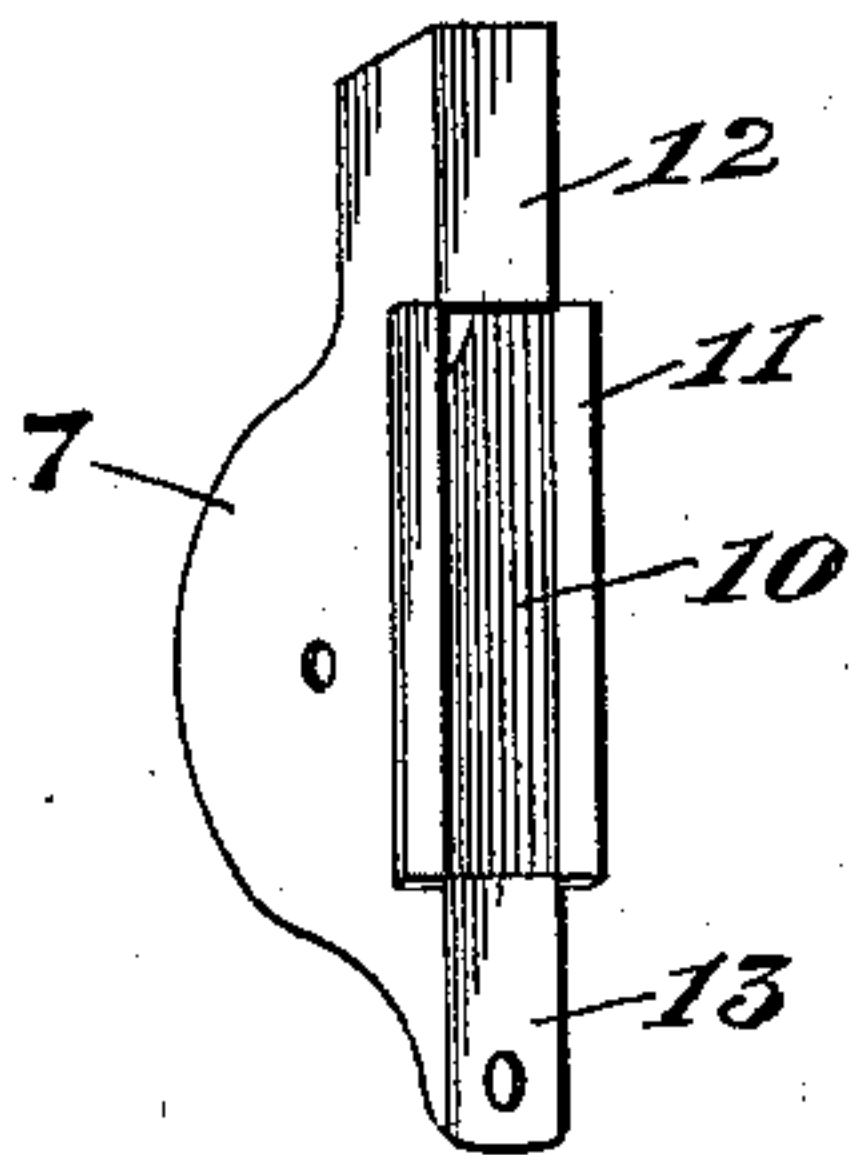
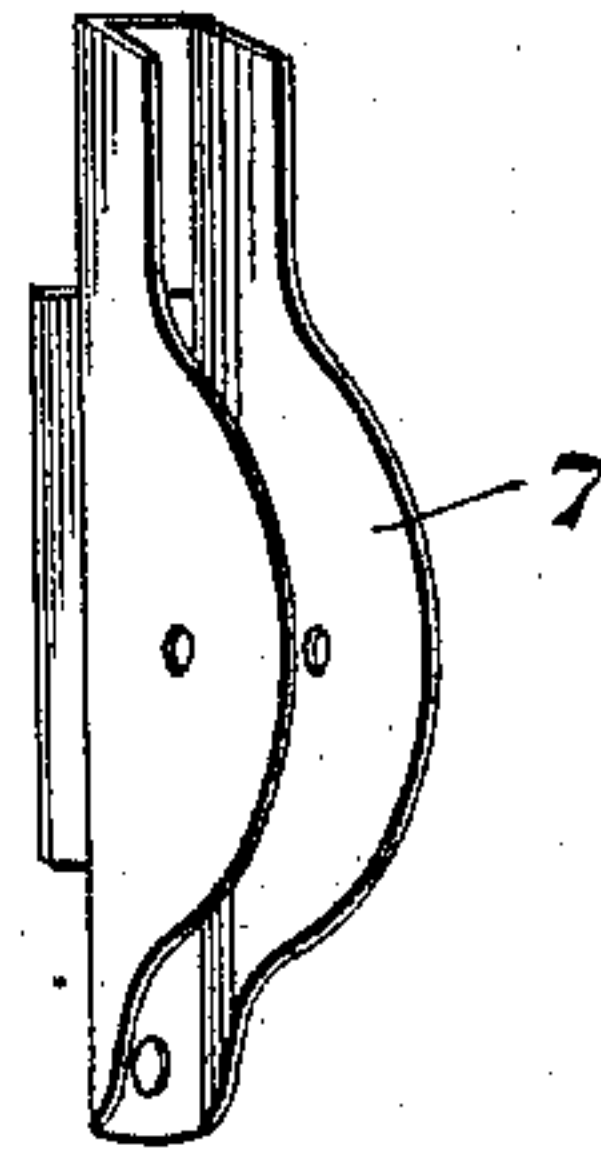


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOSEPH F. THOMPSON, OF MARIETTA, OHIO, ASSIGNOR OF ONE-HALF TO
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SASH-CORD GUIDE.

SPECIFICATION forming part of Letters Patent No. 612,684, dated October 18, 1898.

Application filed May 15, 1897. Serial No. 636,753. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. THOMPSON, of Marietta, in the county of Washington and State of Ohio, have invented certain new and
5 useful Improvements in Sash-Weight-Pulley Supports; and I hereby do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to
10 make and use the same.

This invention relates to sash-weight-pulley supports; and it consists, essentially, of a device of this character formed from a single piece of sheet metal and by the details of
15 construction and arrangement of the several parts of which it is made to serve not only as a guide and wear plate, but is also adapted to be readily set up in operative position and held secure by the insertion of a single fastening, as hereinafter described and claimed.
20

The object of the present invention is to simplify devices of the character specified to such an extent as to make their cost of manufacture materially reduced without detracting
25 from their efficiency as supports.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a window-frame, showing the improved sash-weight-pulley support applied thereto and broken
30 away in parts to illustrate the mode of attachment. Fig. 2 is a detail perspective view of the support disconnected. Fig. 3 is a detail perspective view of the support, looking toward the rear thereof.

Referring to the drawings, wherein similar numerals of reference are employed to indicate corresponding parts in the several views, the numeral 1 designates a window-frame supplied with a head 2, an inside stop 3, a part-
40 ing stop or bead 4, and an outside stop 5, together with other useful accessories in such form of devices. In the grooves 6, formed between the inside stop 3, outside stop 5, and the parting-stop 4, the improved sash-weight-pulley support is adapted to be mounted, and
45 consists of a sheet-metal plate of a non-corrosive nature struck into form to provide rearwardly-extending wings 7 of circular contour and embracing the sash-weight pulley 8,
50 which has free rotation between the said

wings on a pivot-pin 9, headed over on the outer sides of the said wings. The said wings extend backwardly in parallel planes and communicate with a front opening formed by cutting a slot 10 primarily in the formation
55 of the support. Upon opposite sides of the said opening are right-angularly-bent flanges 11, while above and below are extensions 12 and 13, continuous with the wings 7. The usual opening 14 is formed in the frame to
60 receive the sash-weight pulley, and communicating therewith are opposite slits 15 at the bottom, through which the continued parts of the wings communicating with the extension at the lower end pass, and this part
65 of the support is then secured on the outer side or exposed surface of the groove 6, in which it is mounted, by a single screw or analogous device 16. The upper extension closes the usual opening 14 above the opening
70 in the support and projects upwardly under the head 2, to thereby securely hold the support at this point, while the flanges 11 also provide auxiliaries in retaining the support in position and prevent inward depression or movement thereof. The sash-weight
75 pulley 8 of course projects slightly through the opening formed by the slot 10, as in the ordinary construction and arrangement of such devices, and sufficient space is left for
80 the free passage of the sash-weight cord.

The support is entirely struck up from a single piece of sheet metal, thereby reducing the cost to a minimum and also facilitating the positioning of such devices through the
85 construction and arrangement of its parts heretofore specified.

Having thus described the invention, what is claimed as new is—

As an improved article of manufacture, a
90 support for a sash-weight pulley consisting of a sheet-metal plate having a central slot cut longitudinally thereof with opposite end transverse slits to provide central flanges on opposite sides at right angles in transverse
95 directions and adapted to bear against the outer portion of the window-frame, the plate being also bent to form rearwardly-extending wings of curved contour with upper and lower box-like extensions above and below the said
100

flanges, the said wings forming a pivotal support for the pulley, the upper extension thereof being adapted to engage the frame-head and the lower extension having a perforation
5 for the reception of a fastening device, whereby said support is adapted to be securely held in place by a single fastening device, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOSEPH F. THOMPSON.

Witnesses:

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