

H. L. HORTON.
SASH HOLDER.
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1,326,345.

Patented Dec. 30, 1919.

Fig. 1.

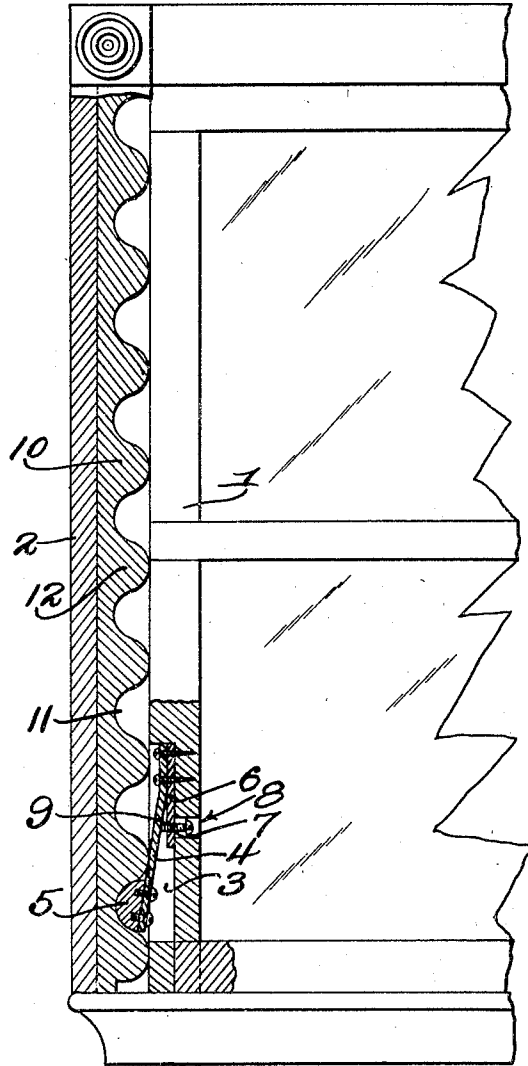
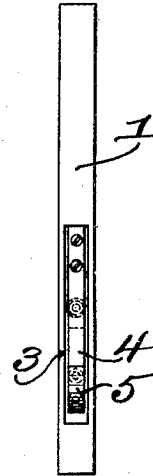


Fig. 2.



WITNESSES
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HOWARD L. HORTON, OF POMPTON LAKES, NEW JERSEY.

SASH-HOLDER.

1,326,345.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HOWARD L. HORTON, a citizen of the United States, residing at Pompton Lakes, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification.

This invention relates to new and useful improvements in sash holders and the principal object of the invention is to provide means for positively holding the sash in any desired position.

Another object of the invention is to render unnecessary the use of weights and cords so as to eliminate the expense and trouble necessary to keep such means in working order.

A further object of the invention is to provide spring control means movably engaging recesses in the frame to hold the sash in raised position.

Another object of the invention is to provide a device of this character, which is simple and durable in construction, reliable and efficient in operation and one which can be manufactured and placed upon the market at a minimum cost.

The invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings, wherein like characters denote like or corresponding parts throughout the several views, and in which;

Figure 1 is a front view, with parts in section, of a window supplied with my invention.

Fig. 2 is an edge view of a sash with the device in position thereon.

In these views 1 represents the sash and 2 the frame. At a suitable point in the edge of the sash, I form a recess 3 to receive my improved holder. This holder consists of a spring plate 4 secured to the sash at one end and at its other end said plate is provided with a semi-circular knob 5, said knob being secured to the plate by means of screws

or the like. A plate 6 is placed in the bottom of the recess in the sash and the end of the spring plate 4 rests on this plate and the two plates are secured to the sash by means of screws or the like. The plate 6 is provided with a screw threaded opening 7 which comes opposite an opening 8 extending through the sash on the inner side of the glass and a screw 9 engages the screw threaded hole 7 and has its end projecting into the hole 8 in the sash. The inner end of the screw abuts the spring plate 4 so as to regulate the spring action of said plate.

A corrugated strip 10 is placed in the window frame opposite the side edge of the sash, and this strip has is depressions 11 of substantially semi-circular form so that the knob 5 will snugly fit therein. The projections 12 of said strip have their ends rounded off so that the knob will easily slide over the same, said projections forcing the knob into the recess 3 as the knob rides over them.

It will be understood that when the sash is forcibly moved the spring plate 4 will give to permit the knob 5 to enter the recess 3 as said knob rides over the projections 12, but as soon as the sash is let go of the spring plate will force the knob into the nearest depression and will hold the sash in this position against the action of gravity. As before stated the spring action of the plate may be adjusted by means of the screw 9.

It is thought from the foregoing that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make slight changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

I claim as my invention:

In combination with a window frame and sash, a groove interposed between the longitudinal edges of said frame and sash, a strip secured within said groove having its edge adjacent the frame corrugated, a recess formed in the side of the sash adjacent the strip and having an opening extending therethrough, a plate mounted in the upper end of the recess, the lower end of which is provided with a threaded opening that alines with the first mentioned opening, a resilient

plate secured to the first mentioned plate
having its free extremity provided with a
knob for engagement with the corrugated
strip, and a screw extending through said
5 opening and engaging the second mentioned
plate for adjusting the same.

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

HOWARD L. HORTON.

Witnesses:

MINNIE E. MICKENS,
JENNIE JATMON.