

C. E. BERNIER.
 WINDOW FASTENER.
 APPLICATION FILED AUG. 9, 1918.

1,295,415.

Patented Feb. 25, 1919.

Fig. 1.

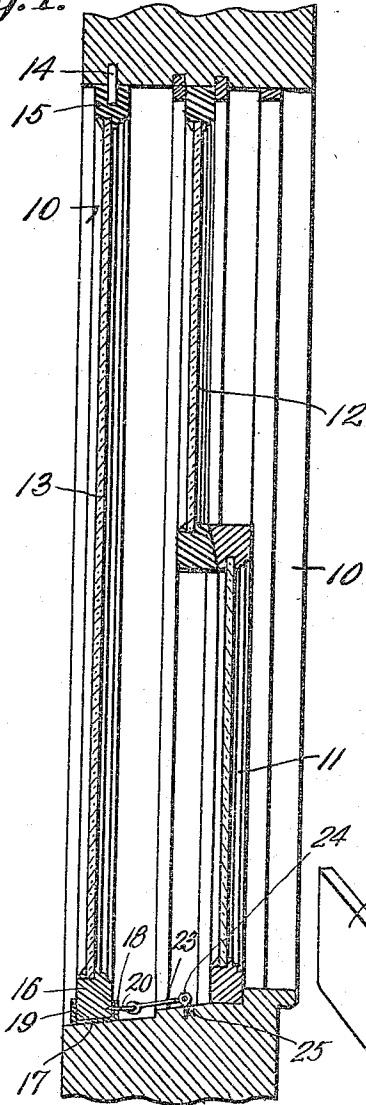


Fig. 2.

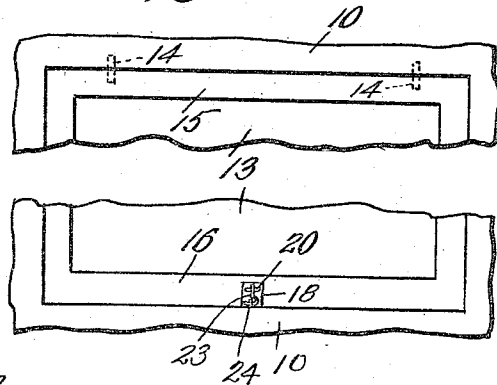
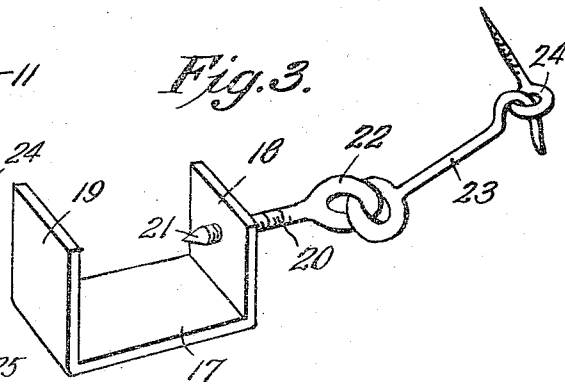


Fig. 3.



Witnesses

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CHARLES EMILE BERNIER, OF IROQUOIS FALLS, ONTARIO, CANADA.

WINDOW-FASTENER.

1,295,415.

Specification of Letters Patent.

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Application filed August 9, 1918. Serial No. 249,129.

To all whom it may concern:

Be it known that I, CHARLES EMILE BERNIER, a subject of the King of Great Britain, residing at Iroquois Falls, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Window-Fasteners, of which the following is a specification.

This invention relates to window fastenings and especially to a fastening for holding storm windows closed, particularly such windows or window sash as are hinged or swing from the top of the window frame, the primary object of the invention being to provide a simple and easily applied fastening device for the bottom of the storm sash including a hook designed to engage an eye or other fastening means on the window sill for firmly holding the sash in its closed position.

With these objects in view, together with others which will appear as the description proceeds, the invention resides in the novel formation, combination and arrangement of parts, all as will be described more fully hereinafter, particularly pointed out in the claim, and illustrated in the accompanying drawings, in which:

Figure 1 is a vertical central section through a window provided with a storm sash, the latter being fitted with the improved fastening means of the present invention.

Fig. 2 is an elevation as seen from within of the upper and lower portions of the storm sash and the fastening means in position thereon, and

Fig. 3 is a perspective view of the improved fastening means.

In the drawings, 10 indicates a window frame provided with the usual lower sash 11 and upper sash 12 and on the outside of these sashes is a storm sash 13 which in the present instance comprises a single frame extending from the top to the bottom and between the sides of the window opening and containing a single pane of glass. If desired, the storm sash 13 may be hinged at the top to the window frame, but preferably the sash is held in place by two or more pins 14 fitted tightly in the top rail 15 of the storm sash and projecting upwardly therefrom to engage suitable openings in the top of the window frame as shown in Fig. 1.

Fitted to the bottom rail 16 of the storm sash 13 is the fastening device, comprising in the present instance a metal plate 17 of elongated or rectangular form, the ends 18 and 19 of which are bent upwardly in parallel relation as shown in Fig. 3 to overlap the front and rear faces of the sash rail 16 when the plate 17 is interposed between the sill and the bottom of said rail. For the purpose of holding the plate in position on the sash 13, a screw eye 20 is threaded through the upstanding end 18 of the plate 17 and has its end pointed as at 21 to engage the inner side of the rail 16 and draw the outer end member 19 of the plate against the rail and so cause the plate to be retained in position by frictional engagement, the pointed end 21 of the screw eye being forced by this operation a short distance into the sash rail. Connected to the eye 22 of the screw eye 20 is a hook 23 for engagement with an eye, loop or other fastening 24 screwed into or otherwise attached to the sill 25 of the window.

In using this fastening device, the plate 17 will be first applied to the sash and the screw eye 20 set up tight to embed its point 21 into the same. Next the storm sash 13 will be swung inwardly to its full extent and the hook 23 connected to the screw eye 24, thereby securely fastening the sash against displacement and preventing the screw eye from turning. When it is desired to swing outwardly or remove the storm sash it is only necessary to disconnect the hook 23 from the eye and push on the bottom of the sash 13. This device is simple, inexpensive and will cost little more than the ordinary hook such as now used and is superior to the hook in producing a better and neater finish on the window sash and does not mar the appearance of the sash after having been used for considerable time, a result which follows the use of ordinary hooks such as are now employed.

The foregoing description and the drawings have reference to what may be considered the preferred, or approved form of my invention. It is to be understood that I may make such changes in construction and arrangement and combination of parts, materials, dimensions, et cetera, as may prove expedient and fall within the scope of the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

5 The herein described fastener for sashes, the same comprising a plate adapted to be interposed between the lower rail of the sash and the window sill and having upturned ends, a screw eye threaded through one end and with its tip adapted to enter the lower
10 rail of the sash, a hook linked into the eye

of the screw eye, and a second screw eye adapted to be seated in the sill and with which the hook is engaged, as described.

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

CHARLES EMILE BERNIER.

Witnesses:

IRENE BRISEBOIS,
BLANCHE BRISEBOIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."