

(No Model.)

C. E. SOWAAL.
WINDOW GUARD.

No. 532,294.

Patented Jan. 8, 1895.

Fig. 3.

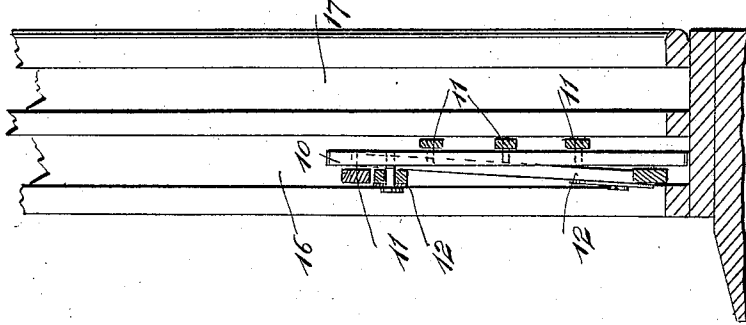


Fig. 1.

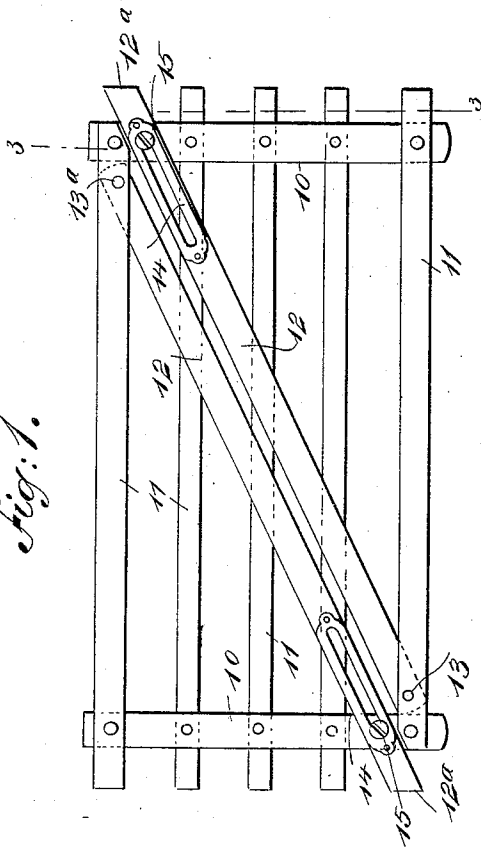
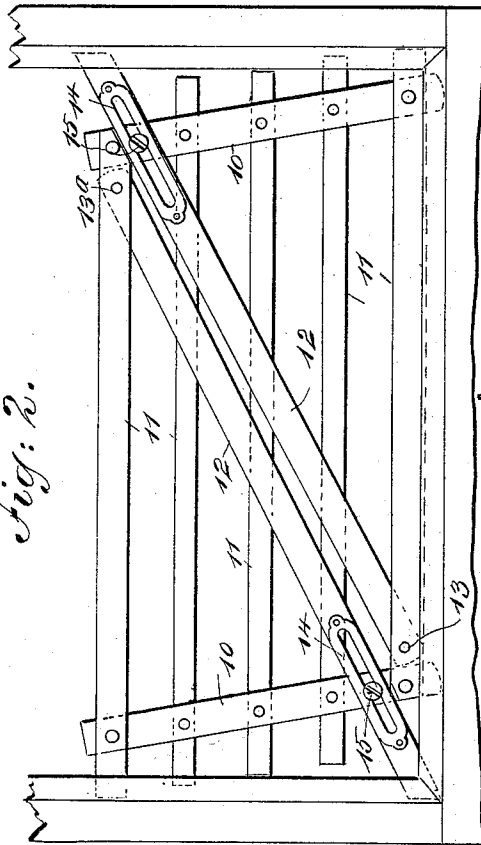


Fig. 2.



WITNESSES:

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WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 532,294, dated January 8, 1895.

Application filed April 28, 1894. Serial No. 509,385. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. SOWAAL, of New York city, in the county and State of New York, have invented a new and Improved Window-Guard, of which the following is a full, clear, and exact description.

My invention relates to improvements in that class of devices which are used in windows to prevent people from falling through the windows when open.

The object of my invention is to produce a very cheap and strong window guard, which may be instantly applied to or removed from a window, and which if desired may be left in the window frame so that the window may be raised or lowered.

A further object of my invention is to produce a frame which has a limited endwise movement, and which when in normal condition is not wide enough to reach across the window frame but which, by giving it a slight movement in opposite directions at top and bottom, locks itself into the frame so as to be securely held.

To these ends my invention consists of certain features of construction and combinations of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the window guard embodying my invention. Fig. 2 is a front elevation of the window guard, as applied to a window; and Fig. 3 is a vertical section on the line 3—3 of Fig. 1, but with the window guard applied to a window.

The window guard comprises an essentially rectangular frame having uprights 10, near opposite ends, and cross slats 11 which are pivoted to the uprights so that the latter may be swung to one side and made to extend at varying angles to the slats, as shown clearly in Fig. 2. The frame is also provided with diagonally arranged parallel braces 12, extending from one lower corner to the opposite upper corner, one brace being pivoted at its lower end, as shown at 13, and having near its upper end a longitudinally slotted wear

plate 14 which receives a pin or screw 15 fastened to the upright 10 while the other brace is pivoted at the top, as shown at 13^a and has the pin and slot connection near the lower end, as the drawings clearly show. This arrangement permits the guard to be slued endwise, as shown in Fig. 2, and the wear plate and pins limit this movement and prevent the guard from collapsing entirely.

The ends of the braces 12 are beveled, as shown at 12^a, so that when the guard is slued endwise, as shown in Fig. 2, these portions of the braces may fit snugly against the window frame. The window guard is adapted to be fastened in the outer groove 16 of a window frame, while the inner groove 17 is left free for the sliding of the inner sash, but it will of course be understood that the guard may be fastened in either groove.

When the guard is to be applied to a window it is placed in a window frame opposite the groove 16 or 17, with the uprights 10 in a vertical position and with the ends of the rails or slats 11 just outside the groove, and the guard is then slued endwise, that is, the upper edge is pushed in one direction and the lower edge in the opposite direction and thus the end of the lower slat and the upper end of one brace 12 enter the groove on one side of the frame while the end of the upper slat and the lower end of the other brace enter the groove on the opposite side of the frame, as clearly shown in Fig. 2, and the guard is held securely in position.

It will of course be understood that the guard may be constructed with no cross slats except the upper and lower one, but more are preferably employed, as they make the guard safer and stronger and prevent a child from falling through it.

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

1. The combination, with the guard frame, comprising uprights and cross slats pivoted together, of the diagonally arranged braces on the frame, each brace being fastened firmly at one end and having a sliding connection with the frame at the opposite end, substantially as described.

2. The herein-described window guard, comprising a rectangular frame consisting of uprights and cross slats pivoted together, a pair of parallel braces extending from one corner of the frame to the other and projecting from the ends thereof, each brace being secured firmly at one end, a slotted wear plate

on the opposite end of each brace, and a fastening pin extending through the wear plate into the frame, substantially as described.

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Witnesses:

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