

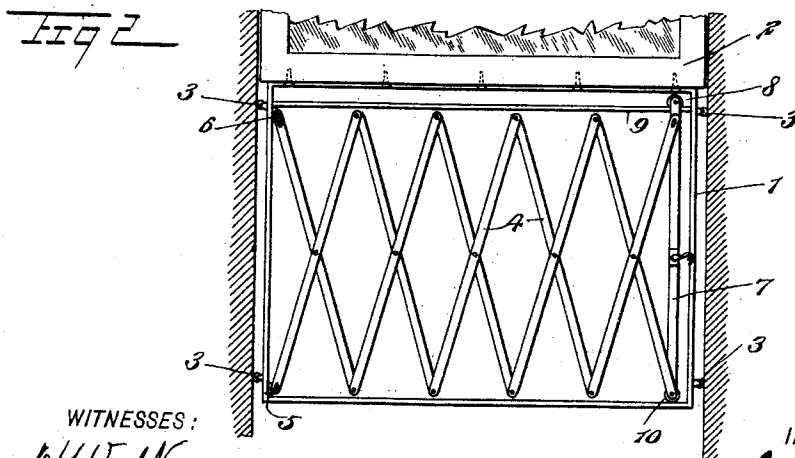
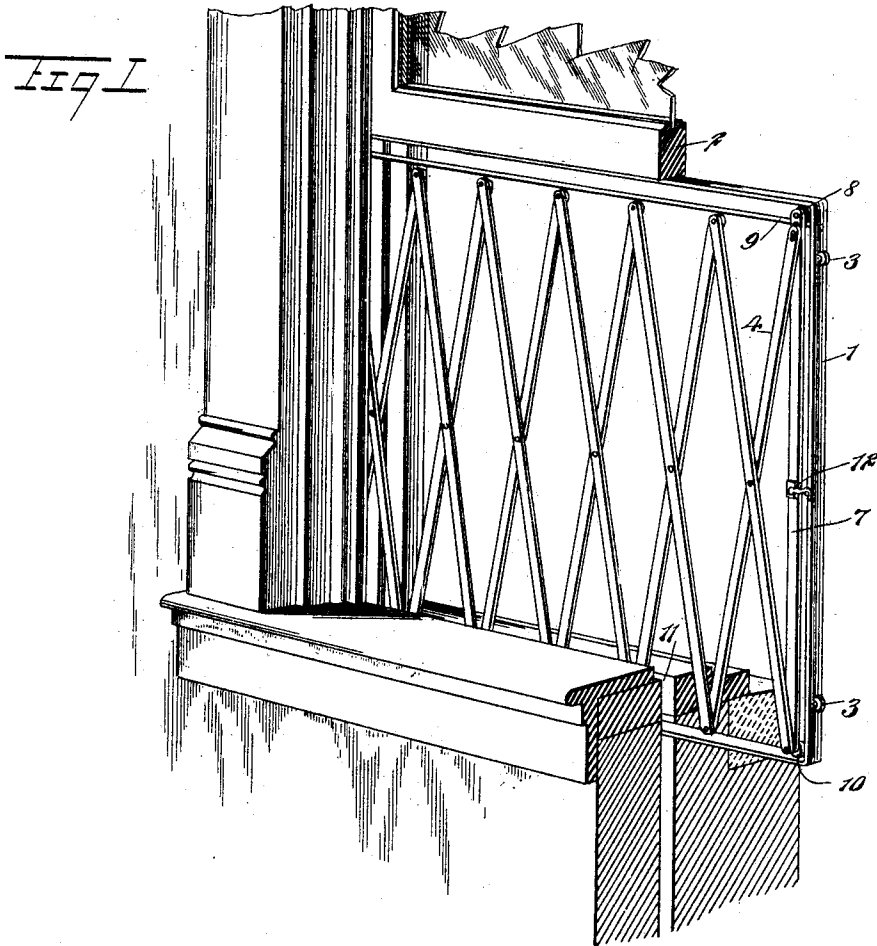
No. 647,419.

Patented Apr. 10, 1900.

H. LEVY.
WINDOW GUARD.

(Application filed Jan. 18, 1900.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

HARRY LEVY, OF NEW YORK, N. Y.

WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 647,419, dated April 10, 1900.

Application filed January 18, 1900. Serial No. 1,890. (No model.)

To all whom it may concern:

Be it known that I, HARRY LEVY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, 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.

This invention relates to improvements in guards for vertically-sliding windows; and the object is to provide a guard of simple construction adapted to be attached to the lower sash of a window, so as to move up and down therewith and so arranged that it may be open when the sash is up or locked in a closed position.

I will describe a window-guard embodying my invention and then point out the novel features in the appended claims.

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

Figure 1 is a perspective view of a portion of a window, showing a guard embodying my invention as applied thereto; and Fig. 2 is an inside elevation thereof.

The guard comprises a frame 1, having its upper rail attached by any suitable means to the lower rail 2 of the lower window-sash. The side bars of the frame 1 are shown as provided with rollers 3 for engaging against the window-casing as the device is moved up and down. The guard proper consists of a gate formed of crossed bars 4, pivotally connected together at the center, and meeting bars of the crossed sets are pivotally connected together at the top and bottom, as plainly shown in the drawings. The two bars of the last crossed set are pivoted to one of the side bars of the frame, as indicated at 5 and 6, and the front bars are pivotally connected at the upper and lower ends to a vertical rod 7, to the upper end of which a roller 8 is attached, the said roller being adapted to slide on a track 9, supported near the upper portion of the frame, and the lower end of said bar 7 is provided with a roller 10 for engaging on the bottom rail of the frame 1.

As before stated, the guard is designed to move up and down with the window-sash. Therefore I provide the sill of the window

with an opening 11, which provides communication with a space in the sill into which the guard may move. The lower rail of the frame 1 will have a width substantially equal to the width of the opening 11, so that when the device is in its uppermost position the said opening will be practically closed, so as to prevent the entrance of water or dirt.

When in its extended position, the guard may be locked to the frame by any suitable means. I have here shown a hook 12, pivoted to the bar 7 and adapted to engage with a keeper on a side bar of the frame 1.

In operation as the window-sash is moved up and down the guard of course will be carried with it, and when in its closed position, as indicated in the drawings, it will effectually prevent the falling out of children; but should it be desired to open the same when the window is in its open position the hook 12 is to be disengaged from its keeper. Then the bars 4 may be forced together, the roller 8 moving on the track 9 and the roller 10 moving on the bottom rail of the frame.

This guard will be found comparatively cheap to manufacture, and it is obvious that it may not only be used in houses, but it may be used in connection with a car-window, if desired.

It is obvious that a netting or screen may be attached to the guard in any desired manner.

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

1. A window-guard, comprising a frame adapted to be secured to a vertically-moving window-sash and movable through an opening in the window-sill, the bottom rail of the frame being of a width to close the opening in the sill when the device is in its uppermost position, and a guard in said frame and adapted to open and close in the frame.

2. A window-guard, comprising a frame adapted to be secured to a vertically-moving window-sash and movable through an opening in the window-sill, the bottom rail of the frame being of a width to close the opening in the sill when the device is in its uppermost position, and crossed bars pivotally connected together and adapted to fold in said frame, substantially as specified.

3. A window-guard, comprising a frame adapted to be secured to a window-sash, crossed bars pivotally connected together, a vertical bar to which end cross-bars are piv-
5 oted, a roller on the upper end of said vertical bar, a track in the frame on which said roller may operate, and pivotal connection between the rear cross-bars and the frame, substantially as specified.
- 10 4. A window-guard, comprising a frame adapted to be secured to the lower rail of a window-sash and movable through an open-
ing in the window-sill, rollers on the side rail of said frame to engage the window-casing, and cross-bars pivotally connected together 15 and adapted to fold in said frame, substantially as specified.

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

HARRY LEVY.

Witnesses:

JNO. M. RITTER,
C. R. FERGUSON.