

(No Model.)

H. C. PIGNERON.
SAFETY GUARD FOR WINDOWS.

No. 582,681.

Patented May 18, 1897.

Fig. 1

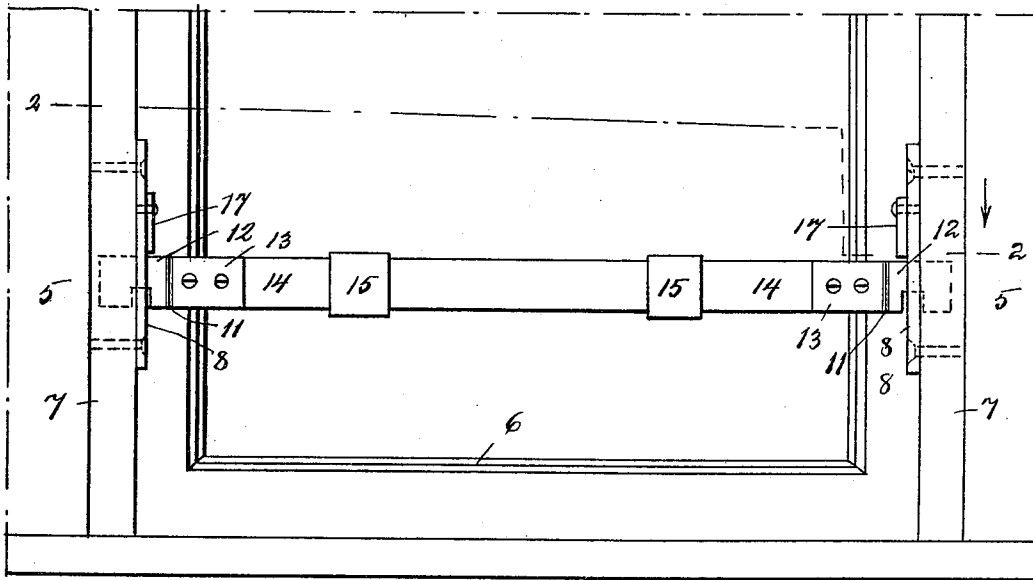


Fig. 2

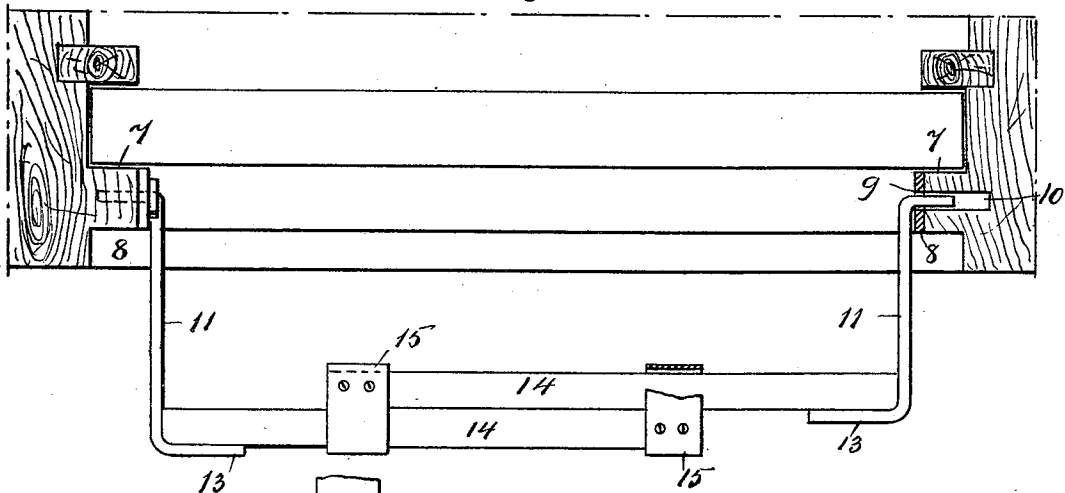
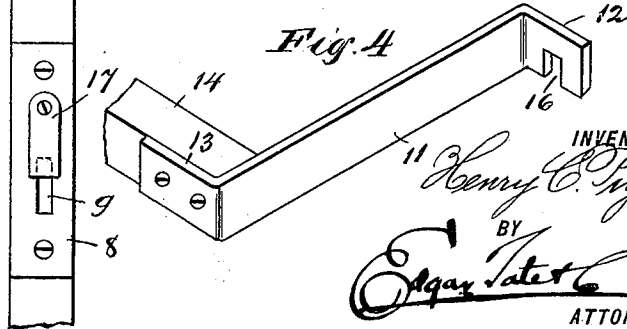


Fig. 3

WITNESSES
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Fig. 4



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UNITED STATES PATENT OFFICE.

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SAFETY-GUARD FOR WINDOWS.

SPECIFICATION forming part of Letters Patent No. 582,681, dated May 18, 1897.

Application filed February 1, 1897. Serial No. 621,592. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. PIGNERON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Safety-Guards for Windows, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to safety-guards for windows; and the object thereof is to provide an improved device of this class which is adapted to be connected with a window-frame outside of the sash thereof, so as to serve as a safety-guard to prevent the falling of a person engaged in cleaning the window.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is an outside view of a portion of the frame of a window and the sash mounted therein and showing my improved safety-guard in position; Fig. 2, a section on the line 2 2 of Fig. 1; Fig. 3, a side view of that part of the guard which is secured to the window-frame, and Fig. 4 a perspective view of a portion of the guard.

In the drawings forming part of this specification the separate parts of my improvement are designated by numerals of reference in each of the views, and in said drawings I have shown at 5 the sides of a window-frame, and at 6 a portion of the lower sash mounted therein, and in the practice of my invention I secure to the sides of the window-frame or to the strips 7, which hold the sash in place, plates 8. These plates 8 are each provided centrally thereof with longitudinal slots 9, and back of said slots and formed in the sides of the frame and in the strips 7 are cavities or recesses 10.

The guard proper consists of two separate similar angular arms 11, which are composed of metal, and each of which is provided at one end with an angular extension 12, which is adapted to enter the slot 9 in the adjacent plate 8, and at the opposite end with an angular extension 13, to which is secured a bar 14, and each of these bars is provided at its end with a clamp or band 15, through which the other bar is passed, as clearly shown in Fig. 2.

The angular extensions 12 of each of the bars 11 are provided on their under sides with an angular notch or recess 16, and when said extensions are passed through the slots 9 in the plates 8 said arms will drop down, so that the lower end walls of said slots enter said notches or recesses 16, as clearly shown in Fig. 1, and the plates 8 are each provided above said slots 9 with a pivoted lock 17, which is adapted to be turned downwardly so as to hold the extensions 12 of the arms 11 in place.

The bars 14 are longitudinally adjustable one on the other, and by means of this construction the arms 11 may be adjusted so as to adapt the device to window-frames of different widths, and my improved safety-guard may be placed at any desired point above the bottom of the window-frame, as will be readily understood, and is perfectly adapted to accomplish the result for which it is intended, while being simple in construction and operation, and also comparatively inexpensive.

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

The herein-described safety-guard for windows, said guard consisting of plates which are secured to the window-frame at each side thereof, said plates being provided with vertical or longitudinal slots, and side arms provided with angular extensions which are adapted to be locked in said slots, said arms being projected outwardly from the frame, and being provided at their outer ends with bars which overlap each other, and which are longitudinally adjustable one upon the other, said bars being each provided with a clamp or band through which the other is passed, and the angular extensions by which said arms are connected with said plates being provided with notches or recesses in their lower sides, and said plates being provided with pivoted locks, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 29th day of January, 1897.

HENRY C. PIGNERON.

Witnesses:

C. GERST,
A. C. VAN BLARCOM.