

APPLICATION FILED MAY 27, 1912.

2 SHEETS—SHEET 1.

Fig. 1.

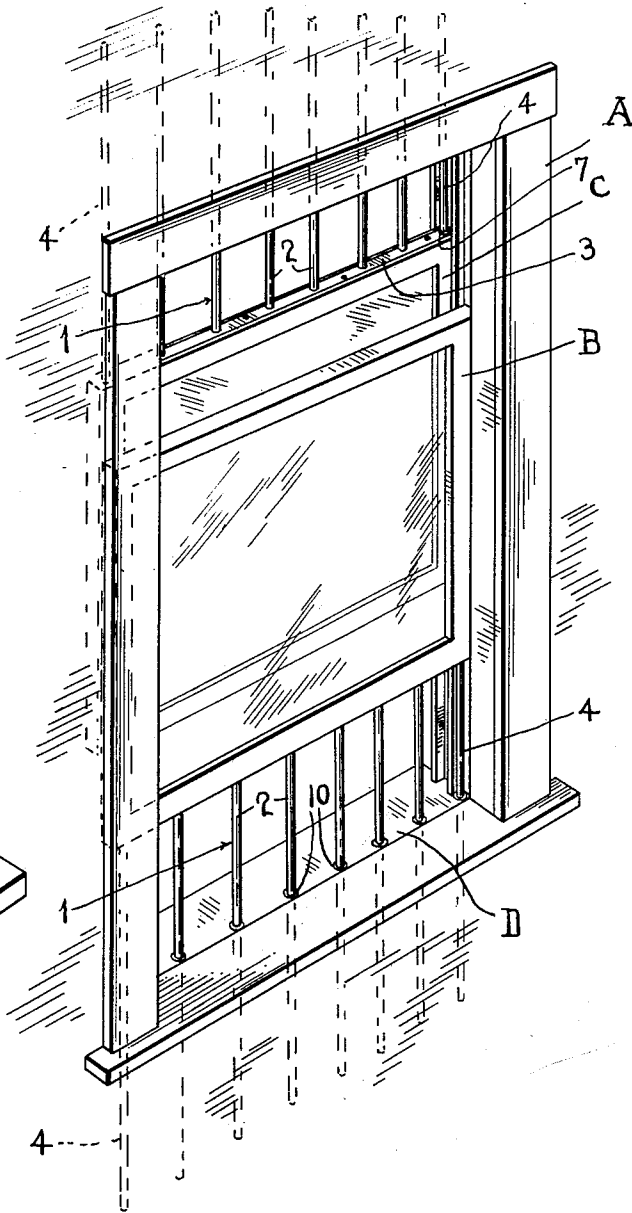


Fig. 6

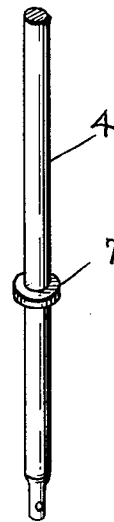


Fig. 7.

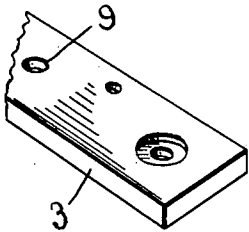
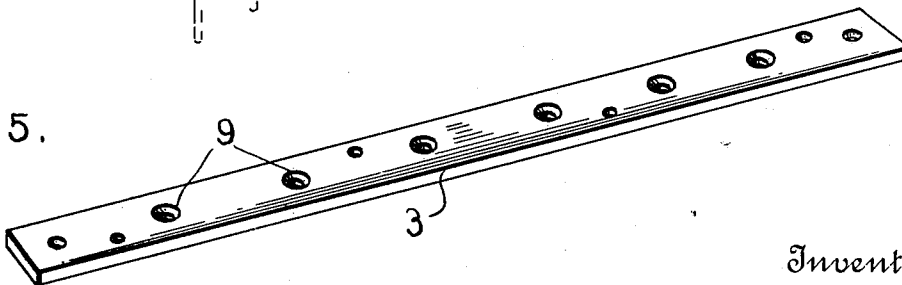


Fig. 5.



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WINDOW GUARD.

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1,065,193.

Patented June 17, 1913.

2 SHEETS—SHEET 2.

Fig. 2.

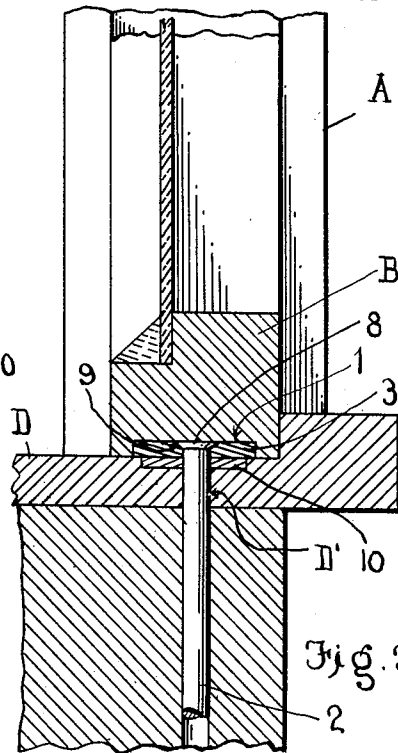
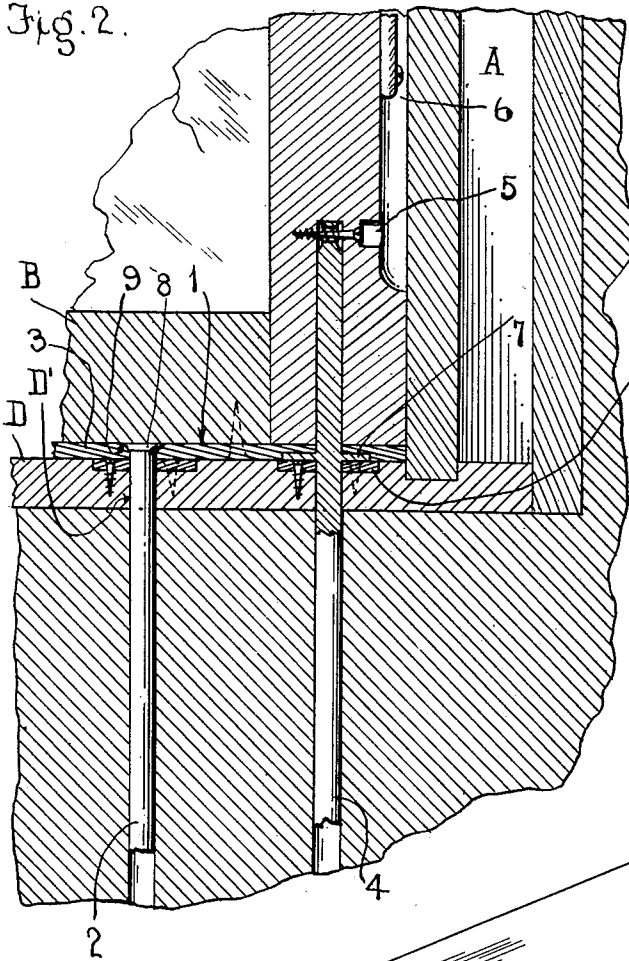
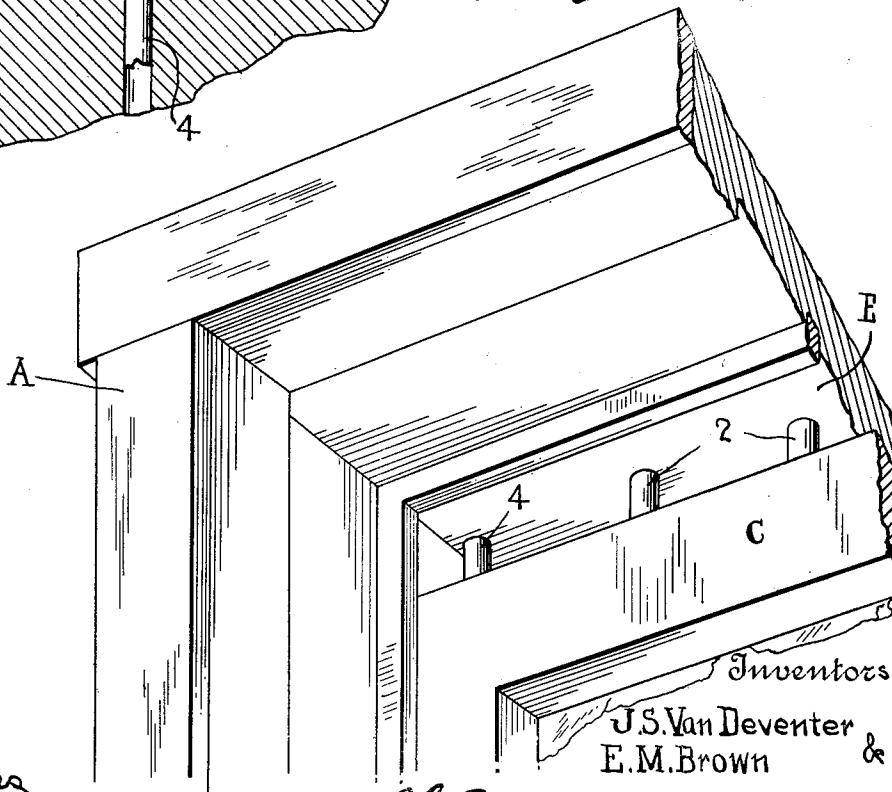


Fig. 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

JAMES S. VAN DEVENTER AND ERRETT M. BROWN, OF GARY, INDIANA.

WINDOW-GUARD.

1,065,193.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed May 27, 1912. Serial No. 699,942.

To all whom it may concern:

Be it known that we, JAMES S. VAN DEVENTER and ERRETT M. BROWN, citizens of the United States, residing at Gary, in the county of Lake and State of Indiana, have invented certain new and useful Improvements in Window-Guards; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to burglar proof window guards.

One object of the invention is to provide simple and efficient means applicable to both the upper and lower sash of the window to render the window proof against sneak thieves and other intruders when the top sash is lowered and also when the lower sash is raised; also to prevent children and articles from falling out of the window.

Another object is to provide a window guard of this character which will be out of sight when the window is closed, and consequently will not obstruct the view through the window as is the case with ordinary gratings.

With these and other objects in view, the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings: Figure 1 is a perspective view of a window, both sashes of which are opened slightly and equipped with this improved guard; Fig. 2 is a vertical transverse section; Fig. 3 is a vertical transverse section taken at right angles to Fig. 2; Fig. 4 is a detail perspective view of the upper sash partly lowered; Fig. 5 is a detached inverted perspective view of the guard plate; Fig. 6 is a detail perspective view of a portion of one of the end bars or rods of one of the guards; Fig. 7 is a detail perspective view of one end of the guard plate.

In the embodiment illustrated, a window frame A is shown of ordinary construction having mounted therein a lower sash B and an upper sash C. These sashes are arranged to slide in the ordinary ways of the window frame, and pockets or spaces are provided above and below the ends of the window frame to receive the sliding bars of the guards to be described, the sill D being apertured, as shown at D' for the passage of

the bars of the guard. The top bar E of the frame is also similarly apertured for the passage therethrough of the bars of the guard which is secured to the upper sash.

A guard 1 is secured to the lower rail of the lower sash B and to the upper rail of the upper sash C. These guards 1 may be of any suitable or desired formation, and each is here shown composed of vertical metal rods 2 which are secured at one end to a metal plate 3 adapted to be attached to the sash rail to which it is to be applied by screws or other suitable fastening elements. The end bars 4 of the guard are preferably made longer than the other bars 2, and one end thereof extends into recesses in the side rails of the sash and is secured thereto by screws which are inserted transversely through the ends of said bars through openings 5 extending transversely through one edge of the side sash rails communicating at their outer ends with the cord grooves 6 of the sash, as is clearly shown in Fig. 2. These end bars or rods 4 are provided with flanges 7 which are adapted to fit against the outer face of the plate 3 and assist in securing said plate to the sash rail, and for preventing it from being removed therefrom should the screws be surreptitiously taken out. It will thus be obvious that these plates 3 can only be removed by obtaining access to the sides of the window sash and removing the screws which secure the ends of the bars to said sash.

The intermediate rods or bars 2 are preferably provided with heads 8 which fit in seats 9 formed in the inner face of the plate 3, the outer faces of the heads being flush with the inner face of the plate when applied, as is shown clearly in Figs. 2 and 3 and which prevents the rods from being withdrawn from the plates except from the inner side thereof.

The plate 3 is applied to the sash rail in a mortise formed therein so as to dispose the upper face of said plate flush with the upper face of said rail to permit the window to be closed tightly. This plate 3 terminates adjacent to the ends of the sash rails to provide space for the cord grooves.

The rods 2 and 4 are of a length sufficient to span the entire space between the top bar of the window frame and the top rail of the upper sash when said sash is at its extreme lowermost position, and also of a length to span the space between the lower rail of the

lower sash and the window sill when the lower sash is raised to its full extent, said rods passing through the apertured window sill and top bar of the frame a sufficient distance to guide them on the movement of the sash either up or down. As shown, the window sill has wear plates 10 arranged around the apertures through which the rods of the guard pass.

10 From the above description it will be obvious that these guards may be readily applied to any window and when applied render said window entirely burglar proof, it of course, being understood that the sashes
15 are locked when in open position, by means not here shown.

We claim as our invention:

1. In combination with a vertically movable window sash, a guard adapted to be secured to one rail thereof and comprising a plate having a plurality of longitudinally spaced apertures therein with seats formed on its inner face, rods inserted through said

apertures and provided with heads adapted to fit in said seats, the end rods having flanges thereon adapted to engage the outer face of said plate, and means for securing the ends of said end rods to the window sash.

2. The combination with a window frame having a sliding sash, of a guard secured to said sash comprising a plate having a plurality of longitudinally spaced rods extending at right angles from its outer face, some of said bars having means for preventing the withdrawal of the plate from the sash rail to which it is applied, and means for securing the end bars to said sash beyond said plate.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

JAMES S. VAN DEVENTER.

ERRETT M. BROWN.

Witnesses:

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