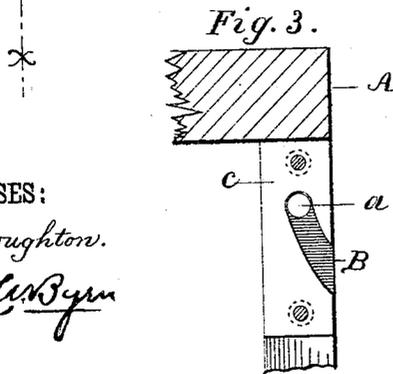
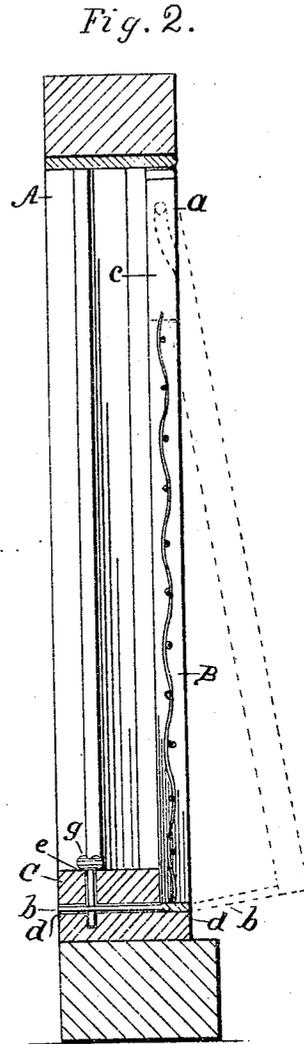
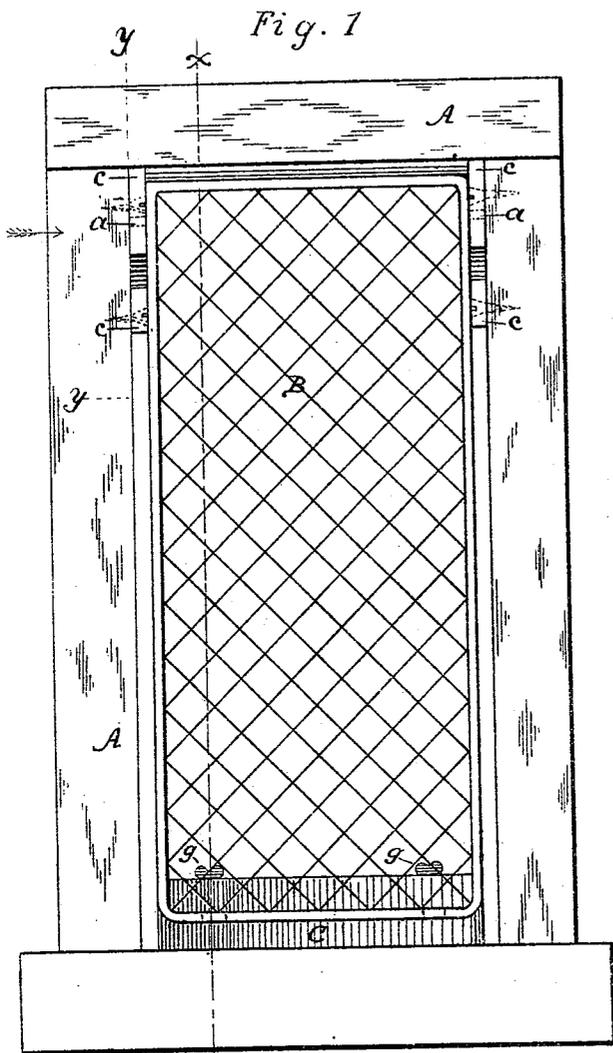


(No Model.)

J. O. SMITH.  
WINDOW GUARD.

No. 250,592.

Patented Dec. 6, 1881.



WITNESSES:  
*Thos. Houghton.*  
*Edw. W. Byrn*

INVENTOR:  
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 BY *[Signature]*  
 ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN OWEN SMITH, OF SAVANNAH, GEORGIA, ASSIGNOR TO HIMSELF AND JAMES CLEMENCE, OF SAME PLACE.

## WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 250,592, dated December 6, 1881.

Application filed September 3, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN OWEN SMITH, of Savannah, in the county of Chatham and State of Georgia, have invented a new and Improved Window-Guard; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

10 Figure 1 is a front view, and Fig. 2 a vertical section, through the line *x x*, Fig. 1. Fig. 3 is a sectional detail view through the line *y y*, Fig. 1, looking in the direction of the arrow.

15 The object of my invention is to provide a means for protecting windows or doors against the efforts of burglars to break in; and it consists in a strong protective frame of metal or wood, provided with lugs at the top, adapted

20 to enter seats formed in plates in the sides of the window-frame, and provided with tongues of metal at the bottom, projecting at right angles to the frame inwardly, and adapted to enter horizontal holes in the window-sill and

25 be locked by set-screws or pins inside, as hereinafter more fully described.

In the drawings, A represents a window or door frame, and B is the guard. This latter, as shown, is composed of a strong rectangular

30 metal frame filled in with an open grating or other suitable metal net-work, and provided upon each of its sides, near its upper end, with lugs *a a*, and having at its bottom end two inwardly-projecting rigid metal tongues, *b b*, projecting from the guard at right angles to its

35 plane. Near the upper ends of the side frames of the window are arranged plates *c*, which are let in so that their faces opposing each other are flush with the sides of the window-frame, and these plates are notched at their

40 edges with notches running inwardly and then upwardly, which notches are adapted to receive the lugs *a a* of the guard. In the sills C of the window-frame there are also horizontal

45 holes *d*, running partially or wholly through the same, which receive the tongues *b*. These tongues have perforations in their ends, which, when the tongues are in place in the sill, register with vertical holes *e* in the window-sill,

50 through which screws, bolts, or pins *g* may then be passed to lock the tongues in the sill.

To apply the guard, its lugs *a a* are first entered into the notches, as shown in dotted lines in Fig. 2, the guard then slipped up until its tongues *b* are in line with the holes in the sill, and the tongues then forced in and secured by the bolts or pins.

In making use of my invention the guard may be made to extend the full length of the window, or only part way, as may be desired, and it may be made either in the form of an open metal grating or an imperforate shutter. When applied to store-windows, also, the tongues may pass all the way through the sill and be secured by a pin, bolt, or key upon the inside edge of the sill, instead of by a bolt passing vertically through the latter.

Among the advantages of my invention may be mentioned the fact that they are easily and quickly applied, and may as readily be taken down for washing the windows, &c., and they present, moreover, an effectual barrier to the efforts of burglars, for it will be seen that not only are the fastenings all inside, but the screws which hold in the plates *c* are covered by the frame of the guard itself, so that they cannot be gotten at to take off the plates.

Having thus described my invention, what I claim as new is—

1. The combination, with a window-frame having lug-seats at its upper ends and horizontal holes through its sill, of a window-guard having lugs at its upper end and adapted to enter said seats, and rigid tongues projecting at right angles from its lower end, adapted to enter the holes in the sill, and means for securing the same, substantially as described.

2. The combination, with a window-frame having plates *c*, provided with undercut lug-seats and horizontal and vertical holes through its sill, of the window-guard having lugs *a a* near the top and rigid tongues *b b* at the bottom, projecting at right angles, as described, and fastening bolts, screws, or pins *g*, substantially as and for the purpose described.

JOHN OWEN SMITH.

Witnesses:

R. WAYNE RUSSELL,  
B. F. GRAY.