

(No Model.)

F. E. RAMSDEN.
WINDOW SCREEN.

No. 584,702.

Patented June 15, 1897.

Fig. 1

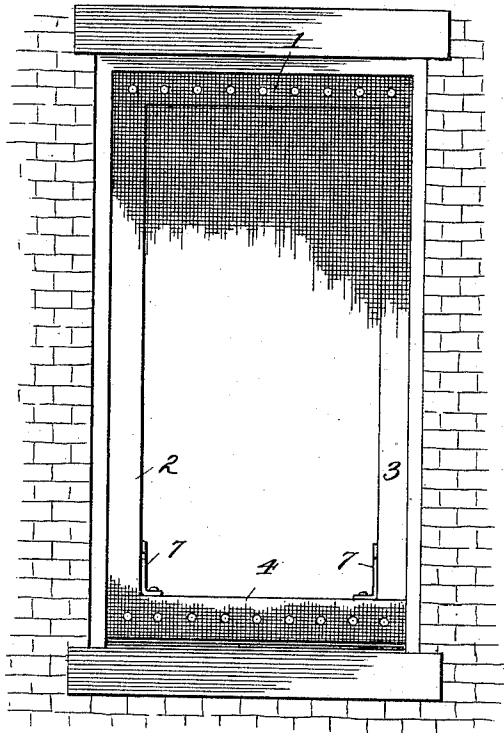


Fig. 2.

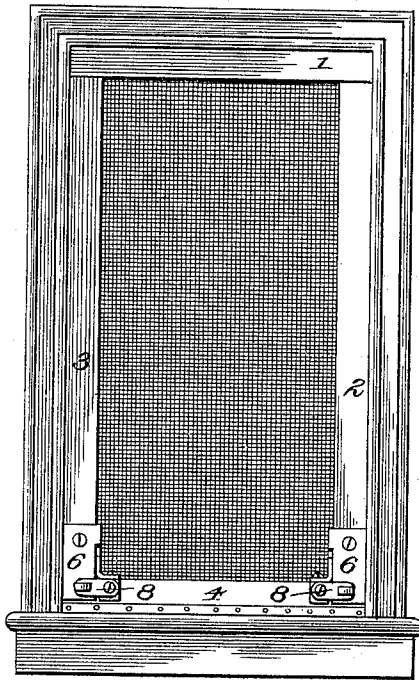
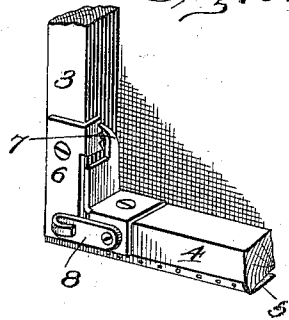


Fig. 3.



WITNESSES:

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FRED E. RAMSDEN, OF CHEROKEE, IOWA.

WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 584,702, dated June 15, 1897.

Application filed May 12, 1896. Serial No. 591,225. (No model.)

To all whom it may concern:

Be it known that I, FRED E. RAMSDEN, a citizen of the United States of America, residing at Cherokee, in the county of Cherokee and State of Iowa, have invented certain new and useful Improvements in Window-Screens, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to an improvement in window-screens in which the ordinary form of frame used on window-screens is dispensed with. It also provides an improved means for locking and unlocking the screen on the window.

15 The objects of my invention are, first, to provide a means for screening a window of any size with wire or any other suitable screening; second, to provide an improved form of frame not requiring the services of a carpenter to make and attach to the window-frame, and, third, the provision of means for locking and unlocking the screen from the window-frame. These objects I attain by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of the window-screen in position on the window, looking from the outside; Fig. 2, a view of the screen from the inside of the window, showing it locked; Fig. 3, a detail view of the locking mechanism.

Like numbers of reference refer to like parts throughout the several views.

1, 2, 3, and 4 each represent a slat or stick of wood made in proportion to the width and size of the window to be screened. At the top slat 1, which is nailed or screwed to the window-frame in the manner shown in the drawings, the screening is nailed on. At the bottom of the screening the slat 4 is nailed

on. This slat contains at each end the locking mechanism, and to its bottom is affixed a flexible weather-strip 5. It is not affixed to the window-frame in any way, but it is adapted to swing outward when the screen is unlocked. At each side of the window-frame are nailed or screwed the slats numbered 2 and 3. (Indicated in the drawings.) These slats 2 and 3 at the bottom of each contain means for engaging the locking mechanism.

The means used for locking and unlocking the screen (illustrated in Figs. 2 and 3) consists of a catch (marked 6) providing slotted receptacles for engaging the finger 7, and a bolt 8, screwed onto the finger 7 and adapted to swing over and hold the finger 7 firmly against the catch 6. The finger 7 should be engaged by the catch 6, so as to throw the slat 4 outward at an angle of forty-five degrees. It will thus be seen that when the slat 4 is pulled any farther downward in order that the screen may be locked it will pull the screen taut and hold it firmly against the strips 2 and 3, which are attached to the window casings or frame.

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

An improved window-screen consisting of the combination of the catch 6, the finger 7, and bolt 8 for locking and unlocking the screen: with the slats 1, 2, 3, and 4, any suitable screening and the window-frame, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRED E. RAMSDEN.

Witnesses:

H. C. KELLOGG,
H. E. BINKLEY.