

(No Model.)

E. SVENSEN.
STORM WINDOW FASTENER.

No. 589,448.

Patented Sept. 7, 1897.

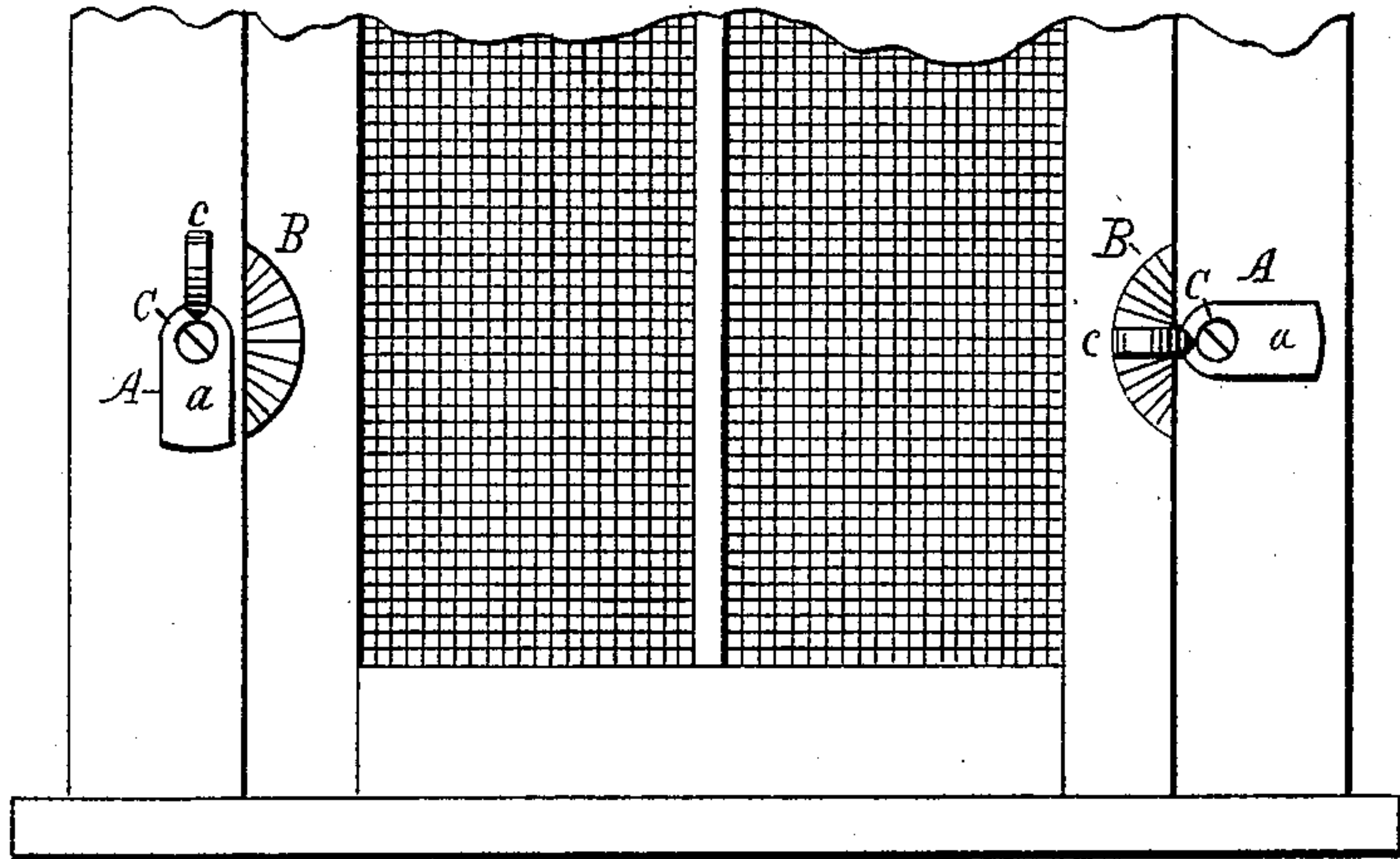


Fig. 1.

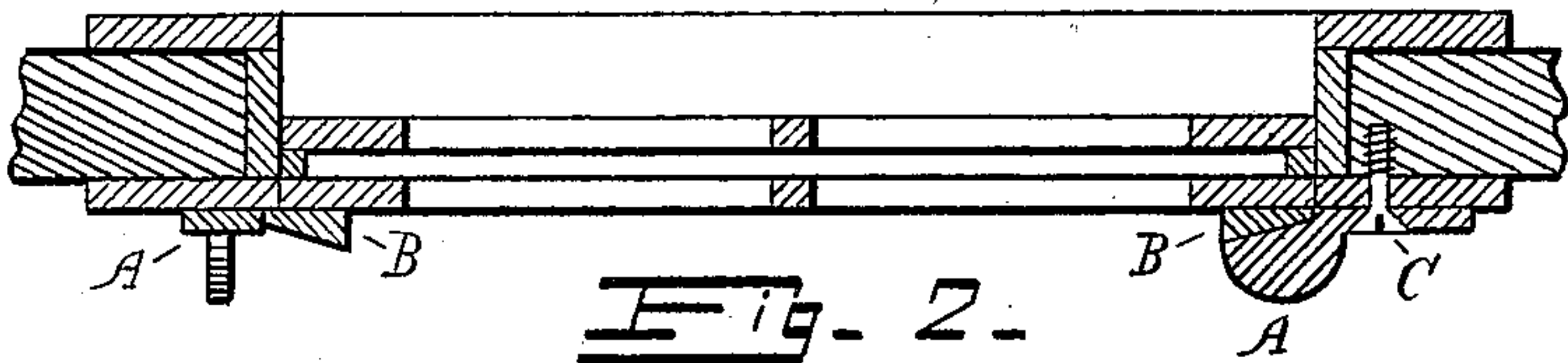


Fig. 2.

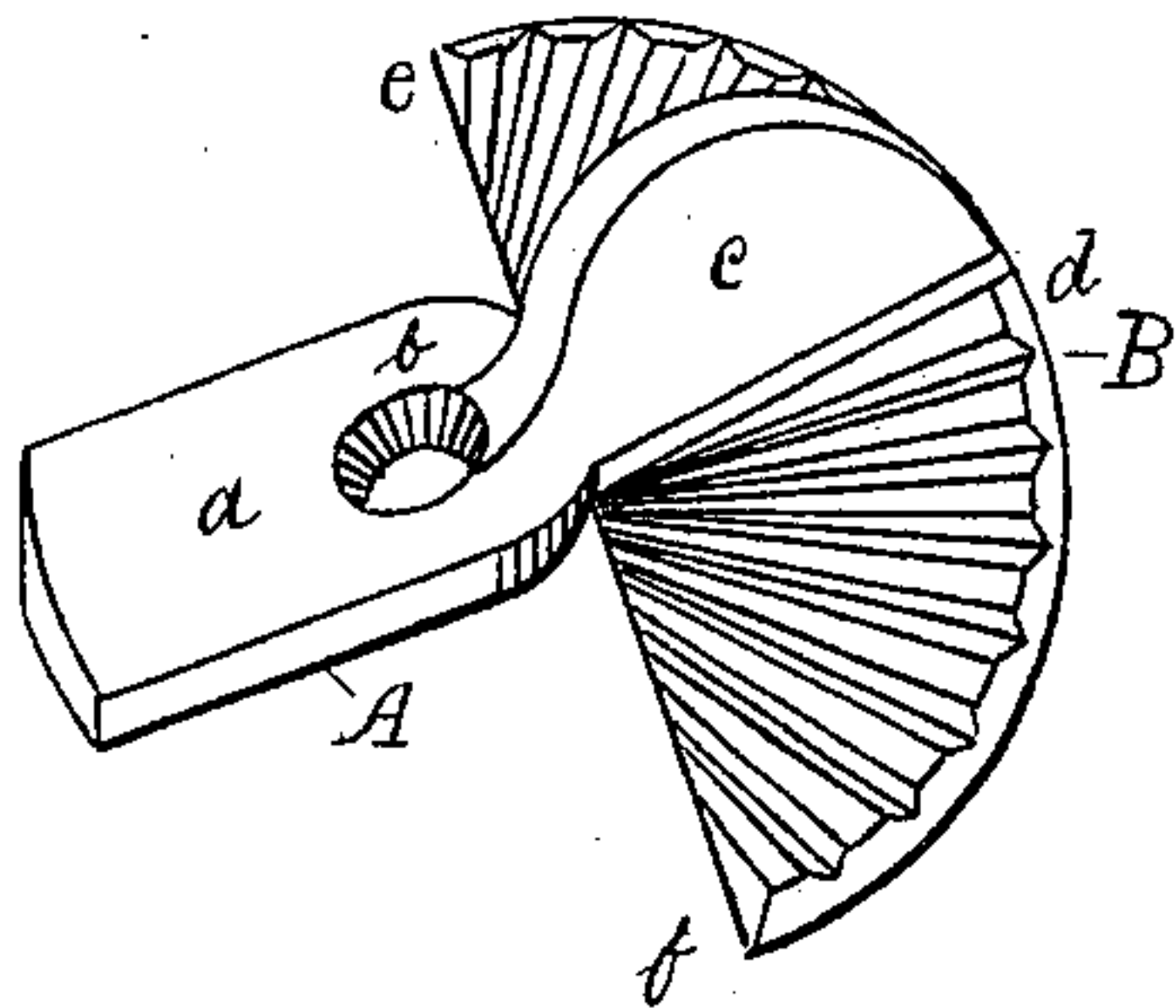


Fig. 3.

WITNESSES

Lee Pomeroy
Chas. H. Gibson

INVENTOR

Enoch Svensen
By J. W. Powers

UNITED STATES PATENT OFFICE.

ENOCK SVENSEN, OF MINNEAPOLIS, MINNESOTA.

STORM-WINDOW FASTENER.

SPECIFICATION forming part of Letters Patent No. 589,448, dated September 7, 1897.

Application filed December 15, 1896. Serial No. 615,754. (No model.)

To all whom it may concern:

Be it known that I, ENOCK SVENSEN, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Improvement in Storm-Sash or Window-Screen Fasteners, of which the following is a specification.

My invention relates to a class of devices for holding storm-sash or window-screens in place, and has for its object the production of a fastener adapted to hold the sash or screen closely against its seat, though its casings may vary in thickness.

To this end my invention consists of a button adjustably secured to the casing by means of a screw-pivot and a plate rigidly secured to the sash or screen, substantially as herein shown and hereinafter described.

In the accompanying drawings, Figure 1 is a side elevation of a portion of a window and screen having my fasteners, one of which is clasped and the other unclasped. Fig. 2 is a section of Fig. 1, taken on the line 2 2; and Fig. 3 is a perspective of my fastener detached.

The button A is fashioned with the flat portion *a*, provided with the screw-hole *b*, by means of which it is pivoted to the casing, and with the wing portion *c*, by means of which it is swung into and out of place. The flat portion *a* extends rearward from the screw-hole *b*—that is, in a direction opposite to the wing *c*—to give it a bearing upon the casing and to prevent it from wearing away the wood, and the wing portion *c* has a V-shaped lower edge. The plate B is preferably segmental in form, the radius of its curved side being equal to the distance from the screw-hole *b* of the plate *a* to the outer end of its wing portion *c*. The plate B varies in thickness, the thickest portion being at *d*, (the center of its curved side,) and gradually decreases there-

from, leaving its straight side *e f* of about uniform thickness. It is provided with radial V-shaped notches adapted to receive the V-shaped edge of the wing *c*. The point of divergence of these radial notches is where lines of equal length drawn from *d*, *e*, and *f* would meet, (the center of the screw-hole *b*.) This plate is secured to the sash or screen by means of screws with countersunk heads. The screw-pivot C adjustably secures the button A to the casing, a common wood-screw being adapted to the purpose.

Now it will be seen that my fastener is adapted to press the sash or screen close against its seat in the window-frame by reason of the variation in thickness of the plate B, the wing *c* of the button A being adjustable to any of its radial notches according to any variation in thickness of the casing and sash or of the casing and screen. It will also be seen that by the interlocking of the V-shaped edge of the wing *c* with the radial V-shaped notches of the plate B there is no liability of my fastener getting unclasped by accident.

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

In a storm-sash, or window-screen fastener, the combination of a button adjustably secured to the casing, by means of a screw-pivot, said button being fashioned with a wing having a V-shaped edge; and a plate rigidly secured to the storm-sash, or window-screen, by means of screws or otherwise, said plate being of varying thickness and fashioned with radial V-shaped notches adapted to interlock with the V-shaped edge of the said button substantially as shown and described.

ENOCK SVENSEN.

Witnesses:

LEE COMBS,
CHAS. I. GIBSON.