

(Model.)

H. FELLOWS.
Sash Fastener.

No. 238,876.

Patented March 15, 1881.

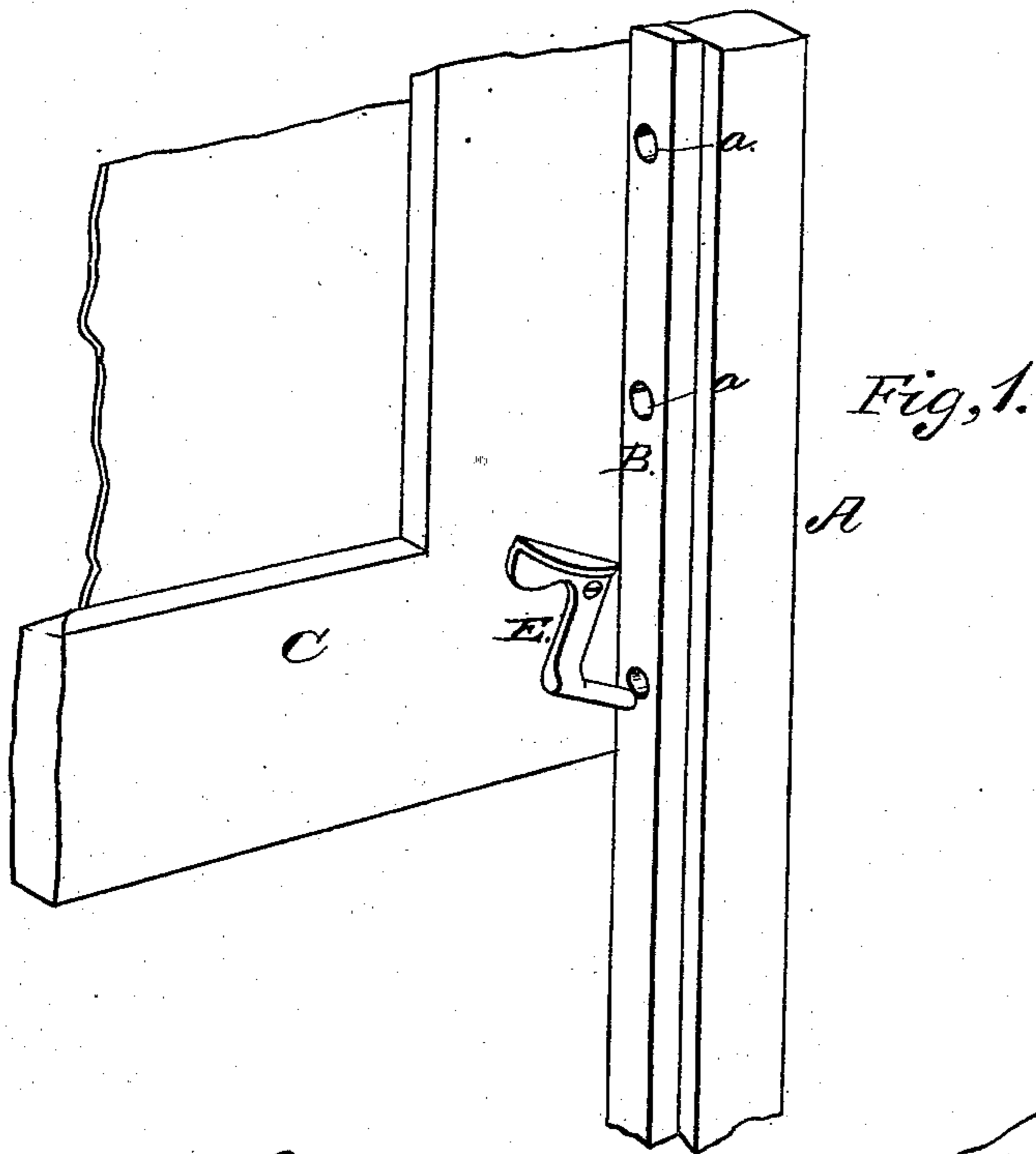


Fig. 1.

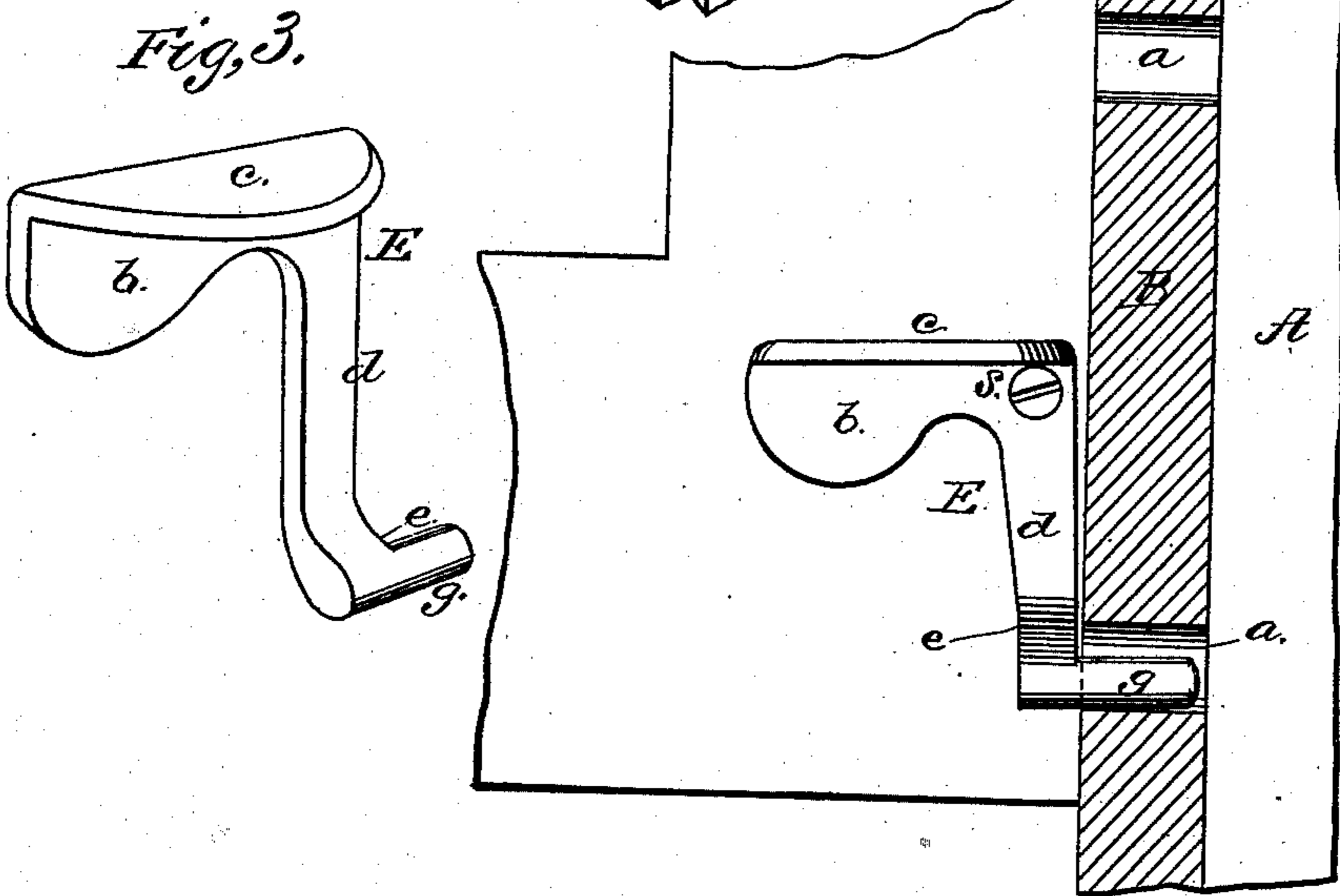


Fig. 2.

Fig. 3.

WITNESSES

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HENRY FELLOWS, OF BLOOMINGTON, INDIANA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 238,876, dated March 15, 1881.

Application filed April 22, 1880. (Model.)

To all whom it may concern:

Be it known that I, HENRY FELLOWS, of Bloomington, in the county of Monroe and State of Indiana, have invented a new and valuable Improvement in Sash-Locks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of a sash and frame showing my sash-lock applied. Fig. 2 is a front view of my lock applied to a frame, and Fig. 3 is a perspective view of the same detached.

This invention has relation to sash-fasteners; and it consists in the construction and novel arrangement of the vibratory catch-plate having along its upper portion a horizontal flange, and depending from it an arm at right angles to said flange having an outwardly bent end terminating in a laterally-projecting stud designed to engage with the holes of a bored sash-strip, all as hereinafter shown and described.

The object of this invention is to provide a simple and secure sash-fastener which can be readily attached to the sash by one holding-screw, and which requires no additional plates, boxes, or castings, to put it in use. It is designed to work in connection with a series of round holes bored in the sash-strip of the window-frame, engaging with each hole in the line of the vertical diameter.

I am well aware that a gravitating catch-plate having a projection to engage the shoulders or recesses of a plate attached to the window-frame are well known, and therefore I make no broad claim to such devices, my invention being limited to particular devices, which I will now proceed to describe, pointing them out especially in the claim appended at the end of this specification.

In the accompanying drawings, the letter A designates a window-frame having a sash-strip, B, which is provided with bored recesses or holes *a* at a sufficient distance from each other to afford convenient rests for the sash C, one of these holes being arranged near the sill.

E represents the gravitating catch-plate, a simple casting consisting of a body, *b*, a horizontal outwardly-extending flange, *c*, along

the upper portion of said body, and an arm, *d*, extending downward from the inner end of the body next the sash-strip, and bent outward at its lower end, as shown at *e*, so as to bring its terminal projection or lateral stud *g* in line with the vertical diameters of the holes *a* of the sash-strip, with which it is designed to engage. This catch-plate is pivoted to the sash by means of a screw, *s*, which passes through said plate at its angular portion or corner underneath the horizontal flange *c*. The catch-plate is designed to be pivoted near enough to the lower edge of the sash to be within reach of the thumb when the hand is placed under the sash to raise or lower the same, the end of the thumb in this operation holding the horizontal flange by its upper or beveled surface against the sash-strip, along which it slides in the manner shown in the drawings. When the flange is released the arm will fall and its lateral stud will enter the hole of the sash-strip. The flange *c* therefore serves as a guide and guard for the thumb, and the outwardly-bent lower end of the arm places the lateral stud or catch projection at a sufficient distance out from the sash-strip to engage with holes bored in said strip at a sufficient distance from its inner edge to be strong and capable of holding the catch against strain.

I am aware that it has been proposed to construct gravity-latches with a lift and locking-stud. In my device the body of the latch is deepened below the lift, which keeps the finger off from the window, and the arm projecting downward has a bend, *d*, and the locking-stud is at right angles thereto, so that the holes *a* in the casing can be made off from the sashway, and do not weaken the casing materially.

What I claim is—

The gravity-catch plate E, having the body *b*, lift *c*, at its top edge, arm *d*, extending downward and having the curve *d'*, and stud *g*, projecting outward at right angles to the curve *d'*, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY FELLOWS.

Witnesses:

HARRY W. DURAND,
WM. M. TATE.