

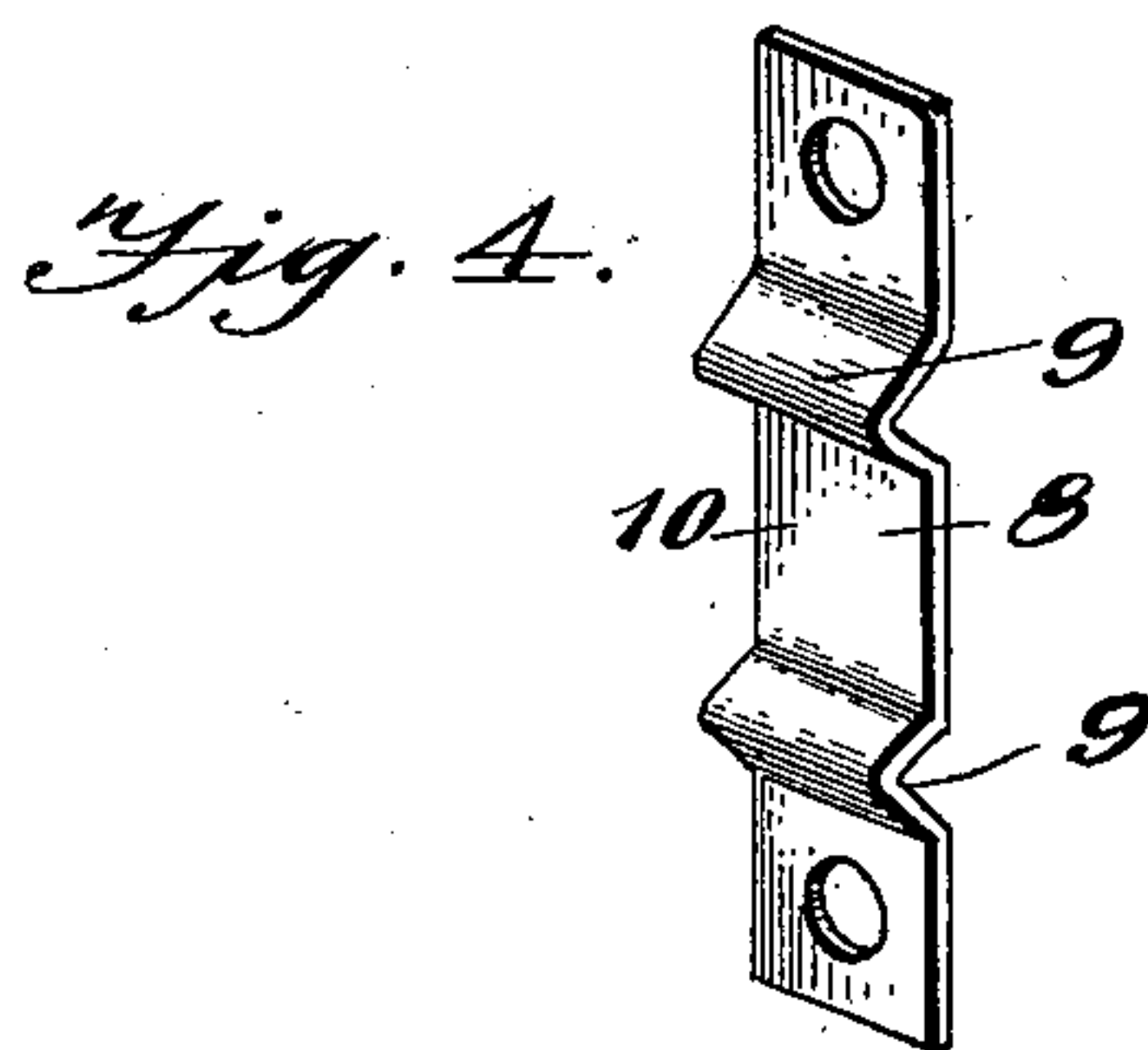
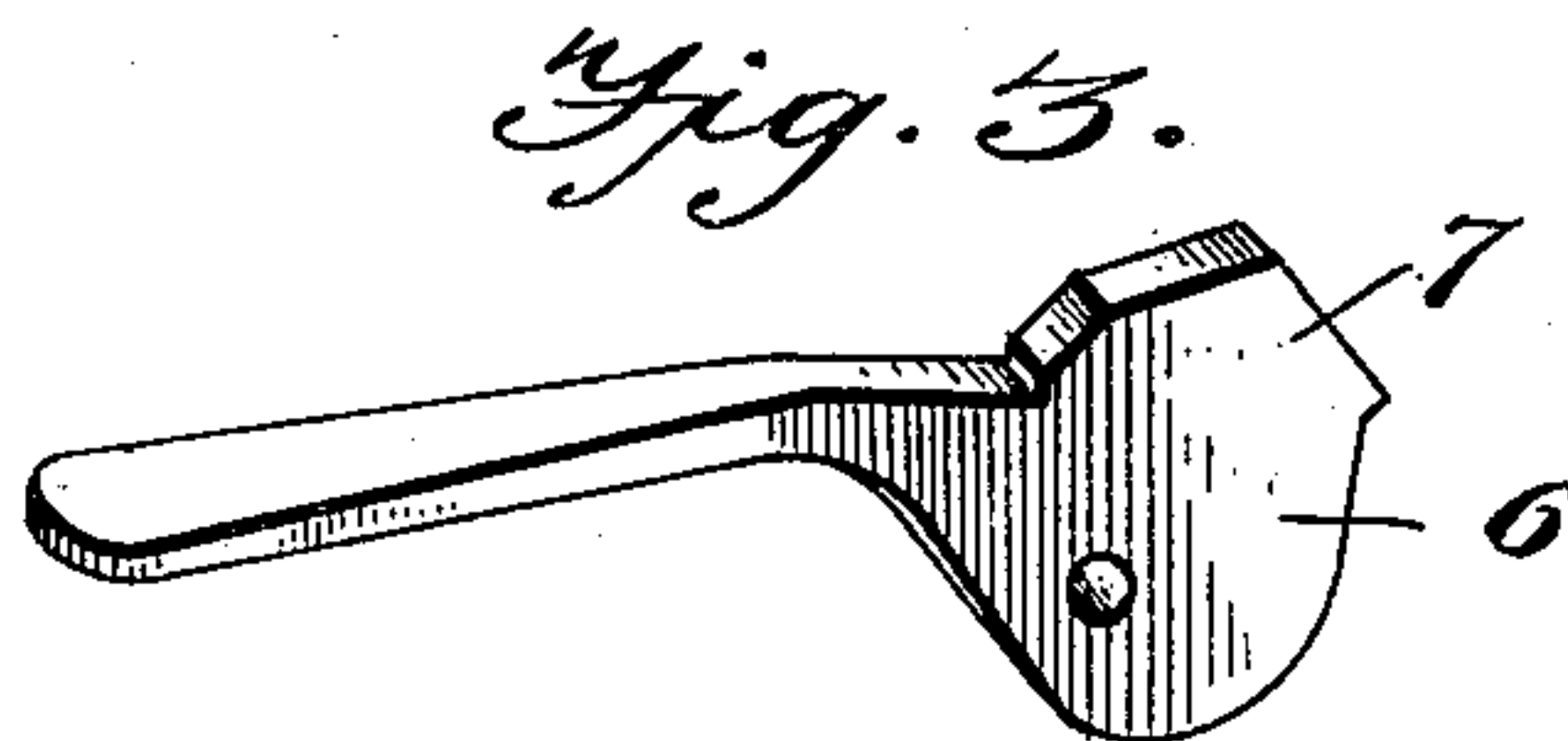
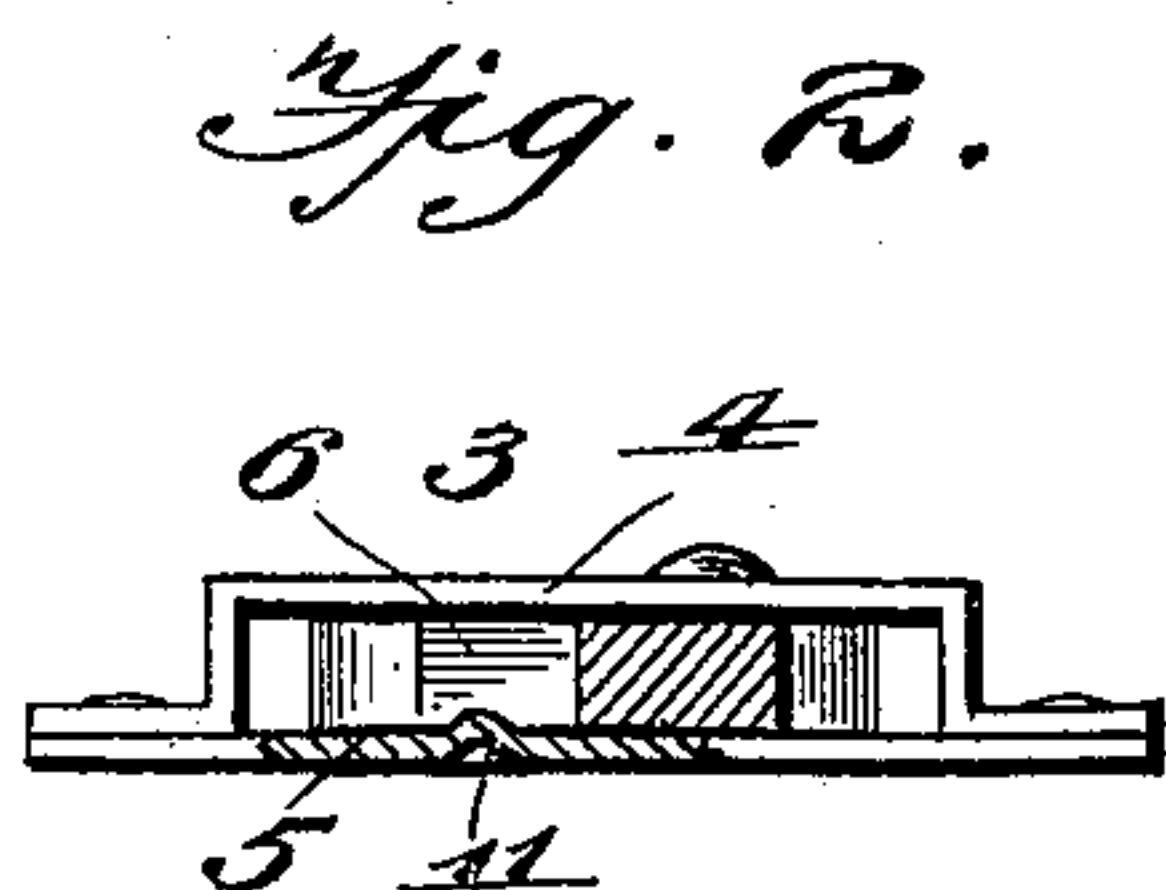
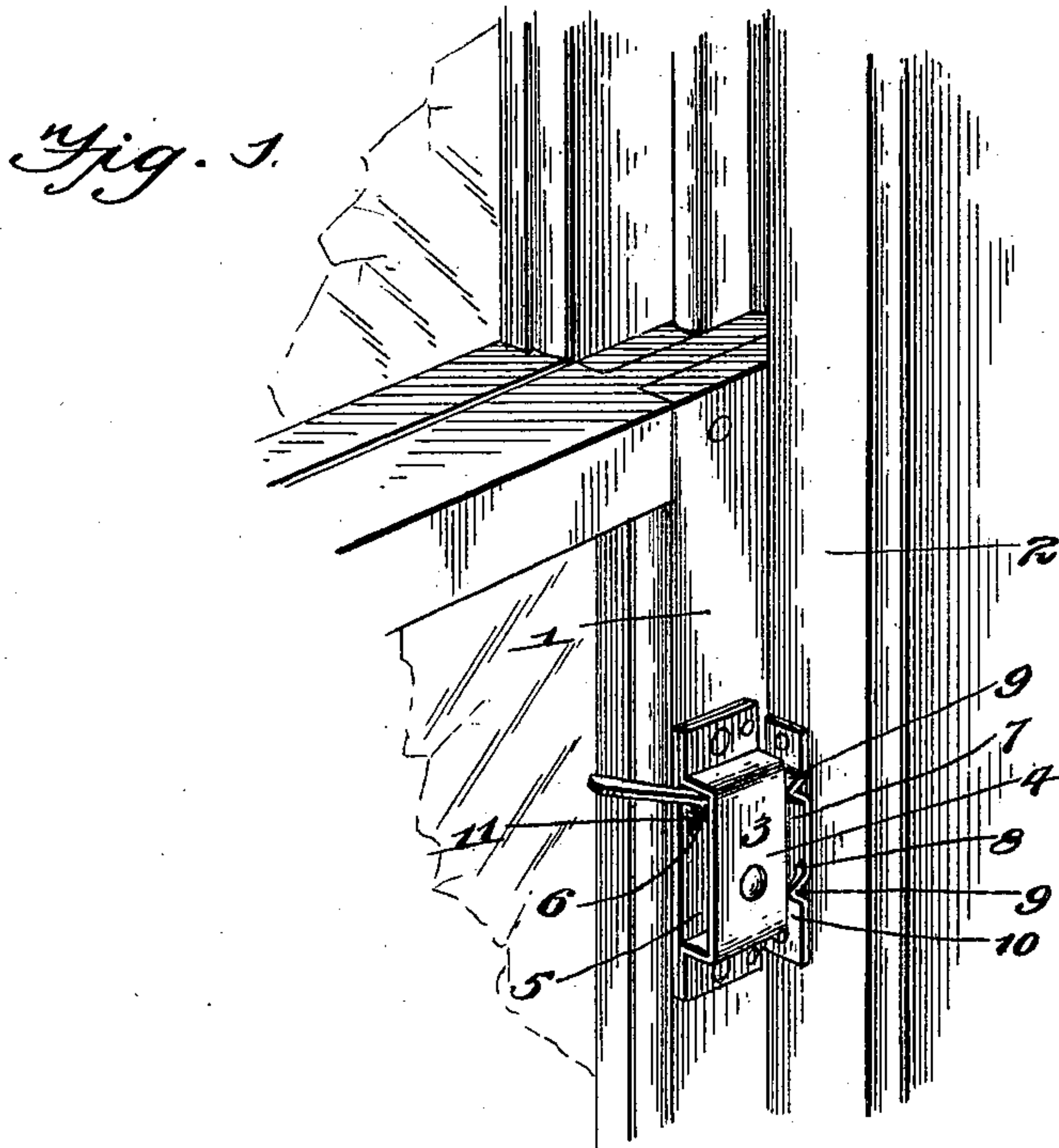
No. 621,569.

Patented Mar. 21, 1899.

J. W. HOWLAND.
SASH FASTENER.

(Application filed Apr. 7, 1898. Renewed Feb. 14, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN WESLEY HOWLAND, OF LINCOLN, NEBRASKA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 621,569, dated March 21, 1899.

Application filed April 7, 1898. Renewed February 14, 1899. Serial No. 705,512. (No model.)

To all whom it may concern:

Be it known that I, JOHN WESLEY HOWLAND, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Sash-Fasteners; and I 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.

The invention has relation to sash-fasteners; and the object is to provide a simple, durable, and inexpensive device of this character by means of which the sash may be locked from the inside and effectually prevent persons from without gaining entrance to the house through the window.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a portion of the sash and window, illustrating the application of my invention. Fig. 2 is a detail view, partly in section, of the locking-cam and its casing, a portion of the casing being removed to illustrate the stop-lug. Fig. 3 is a detail perspective view of the cam removed from the casing, and Fig. 4 is a detail perspective view of the catch.

In said drawings, 1 denotes the window-sash, and 2 the window-frame.

3 denotes the cam-casing, which consists of two strips of metal 4 and 5, the strip 4 being arched and riveted to the strip 5. These strips have a slight spring action, and between the two is pivoted the cam-lever 6, which has upon its working face a flat or rectangular portion 7, that engages the space 8 between

the lugs 9, formed on the catch 10, that is secured to the window-frame.

The front face of the plate 5 near one edge is formed with a lug 11, punched from the metal. When the handle of the cam is elevated to throw its square or rectangular face into engagement with the catch-plate, the handle of the lever presses by this lug due to the spring in the plates. After it has been elevated a point above the lug the lug springs under the handle and holds it in its elevated position and the square portion of the cam in the catch, thereby securely holding the window-sash in locked position.

To unlock the window-sash, pressure is applied to the handle and it is forced downward, the spring-plates spreading apart to permit of the handle freeing itself from the stop-lug.

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

In a sash-fastener, the combination with the cam-frame consisting of two spring-plates secured together, and one arched away from the other, one of said plates being formed with an indentation or stop-lug, a cam pivoted between said plates and having a rectangular portion, and adapted to have its handle held in an elevated position by the lug or indentation, and a catch with which the squared portion of the cam engages, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN WESLEY HOWLAND.

Witnesses:

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