

No. 684,877.

Patented Oct. 22, 1901.

W. B. SMOOT.
SASH FASTENER.

(Application filed Mar. 30, 1901.)

(No Model.)

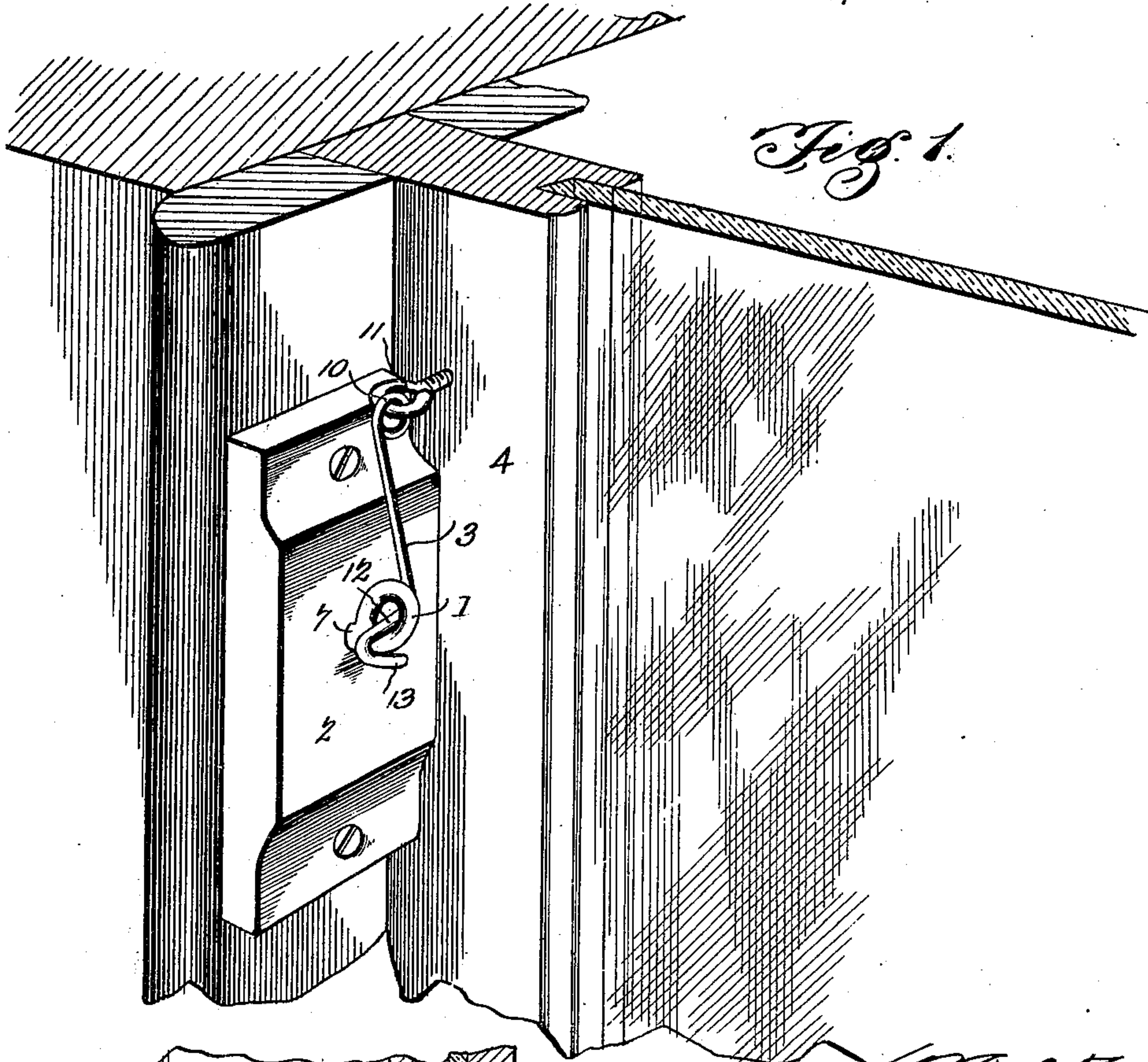


Fig. 1.

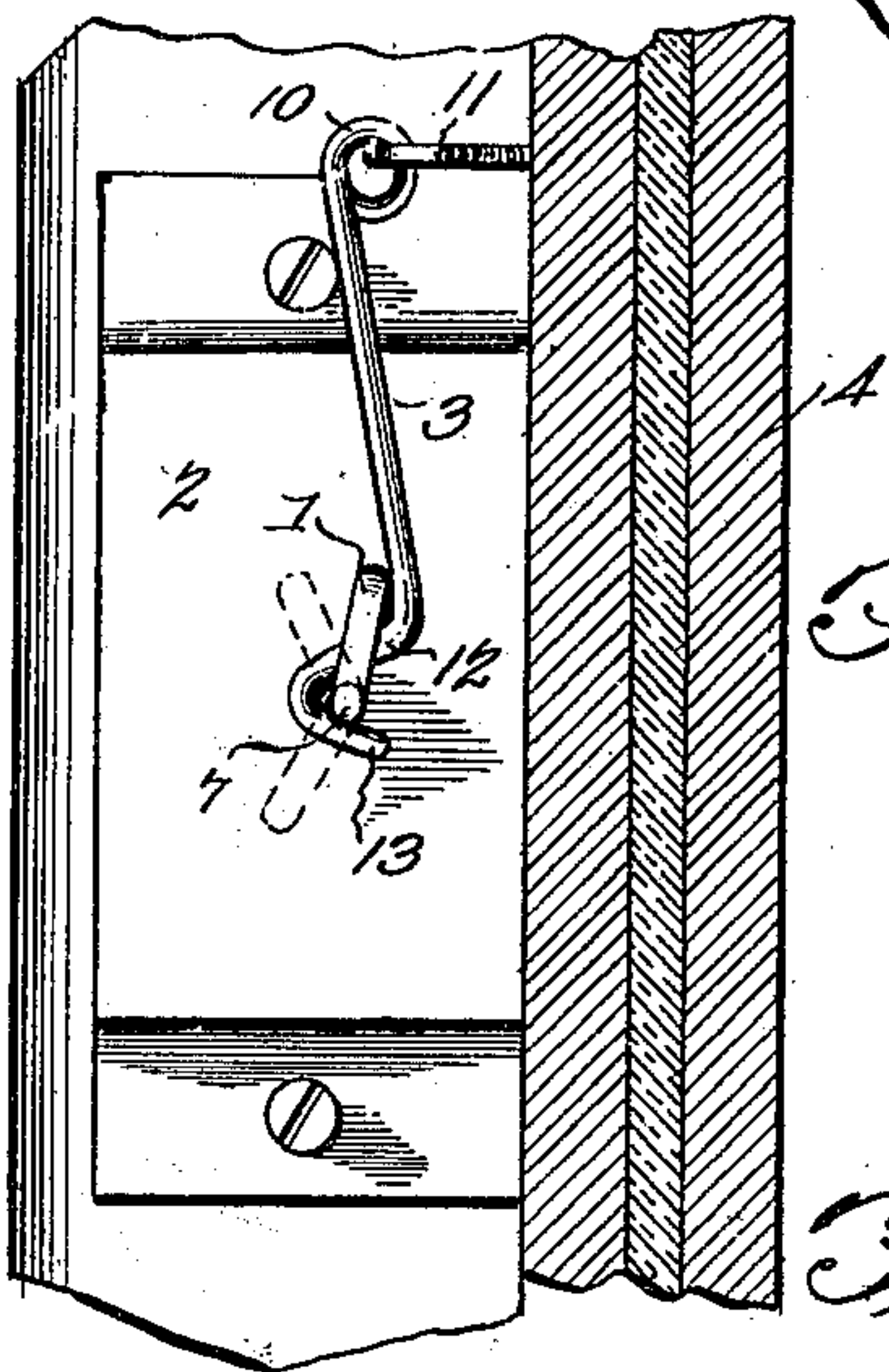


Fig. 2.

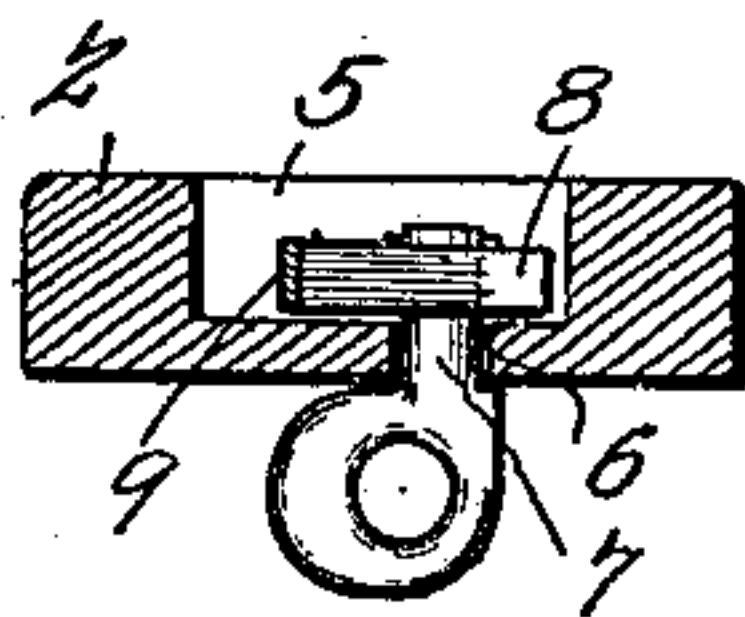


Fig. 4.

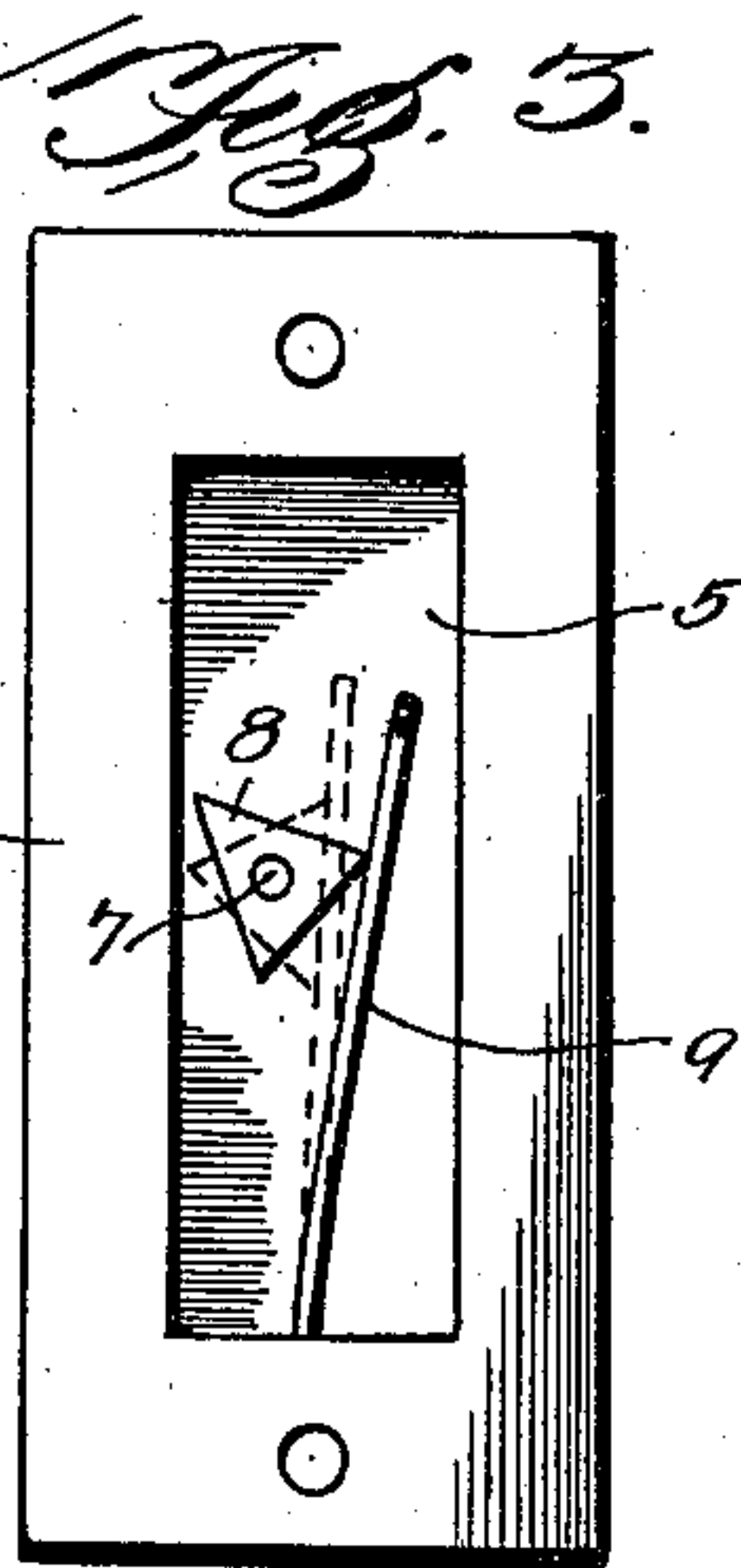


Fig. 3.

Witnesses

W. B. Smoot
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UNITED STATES PATENT OFFICE.

WILLIAM B. SMOOT, OF SALISBURY, NORTH CAROLINA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 684,877, dated October 22, 1901.

Application filed March 30, 1901. Serial No. 53,706. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. SMOOT, a citizen of the United States, residing at Salisbury, in the county of Rowan and State of North Carolina, have invented a new and useful Sash-Fastener, of which the following is a specification.

The invention relates to improvements in sash-fasteners.

10 The object of the present invention is to improve the construction of sash-fasteners and to provide a simple, inexpensive, and efficient device adapted to be readily applied to a window and capable of effectually preventing a sash from being raised surreptitiously from the exterior.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a sash-fastener constructed in accordance with this invention and shown applied to a window. Fig. 2 is an elevation of the same. Fig. 3 is a reverse plan view of the casing, illustrating the arrangement of the triangular head or plate and the spring. Fig. 4 is a transverse sectional view of the casing, illustrating the manner of mounting the pivoted eye.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

35 1 designates an eye arranged on the exterior of a casing 2 and adapted to be rotated to engage it with a hook 3 of a window-sash 4, whereby the latter is locked against vertical movement and is prevented from being opened from the exterior. The casing 2, which is secured by screws or other suitable fastening devices to the window-frame, may be of any ornamental design, and it is provided with an interior recess 5, and it has a perforation 6, communicating with the same and receiving a stem 7, which connects the eye with the triangular plate 8. The stem is formed integral with the eye, and it is rigidly secured to the triangular plate, which may be constructed of any suitable metal and which is engaged by a spring 9, whereby the

eye is firmly held in engagement with the hook of the window-sash with sufficient force to prevent the hook from being shaken out of such engagement. The plate, as illustrated in Fig. 4 of the accompanying drawings, is arranged in the recess of the casing, which may be constructed of any suitable material, and the spring, which is secured at one end to the casing, has its other end free and is adapted to engage the edges of the triangular plate, and when the latter is rotated it is flexed, as clearly shown in Fig. 3. The stem is connected with the eye at one side thereof, and the latter is adapted to swing to the several positions illustrated in dotted lines in Fig. 2 of the drawings, and when partially rotated it is adapted to be swung into and out of engagement with the hook 3. The hook 3, which is provided at the upper end of its shank with an eye 10, is linked into a screw-eye 11, and it is provided at the lower end of the shank with an arm 12. The arm 12 is arranged approximately at right angles to the shank of the hook, and the bill 13 extends inward from the arm, as clearly shown in Fig. 2, and the pivoted side of the eye is received within the hook and the outer side of the eye engages the shank of the hook above the arm. By this construction the hook is firmly interlocked with the pivoted eye and is securely retained in such engagement.

It will be seen that the sash-fastener is exceedingly simple and inexpensive in construction, that it is strong and durable and adapted to be readily mounted on a window, and that it is capable of effectually preventing the sash from being raised from the exterior.

What I claim is—

1. A device of the class described comprising a hook designed to be mounted on a sash, a pivoted eye capable of rotation to engage it with and disengage it from the hook, and a spring for holding the eye in engagement with the hook, said spring being arranged to permit the rotation of the eye, substantially as described.

2. A device of the class described comprising a hook designed to be mounted on a sash, a casing, an eye having a stem extending into the casing and forming a pivot, a plate

mounted on the stem and arranged within the casing, and a spring engaging the plate, substantially as described.

3. A device of the class described comprising a hook designed to be connected at one end of its shank with a sash and provided at the other end of its shank with an angularly-disposed arm and having a bill at the outer end of the arm, a pivoted eye arranged on the said arm when the device is locked and engaging both the shank and the bill, said eye being capable of rotation to carry it

off the arm and the bill and to return it to its engaging position, and means for holding the eye in its engaging position, substantially as described. 15

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM B. SMOOT.

Witnesses:

J. F. MILLER,
H. T. SIMPSON.