(No Model.)

F. BELL.

SASH FASTENER.

No. 287,409. Patented Oct. 30, 1883.

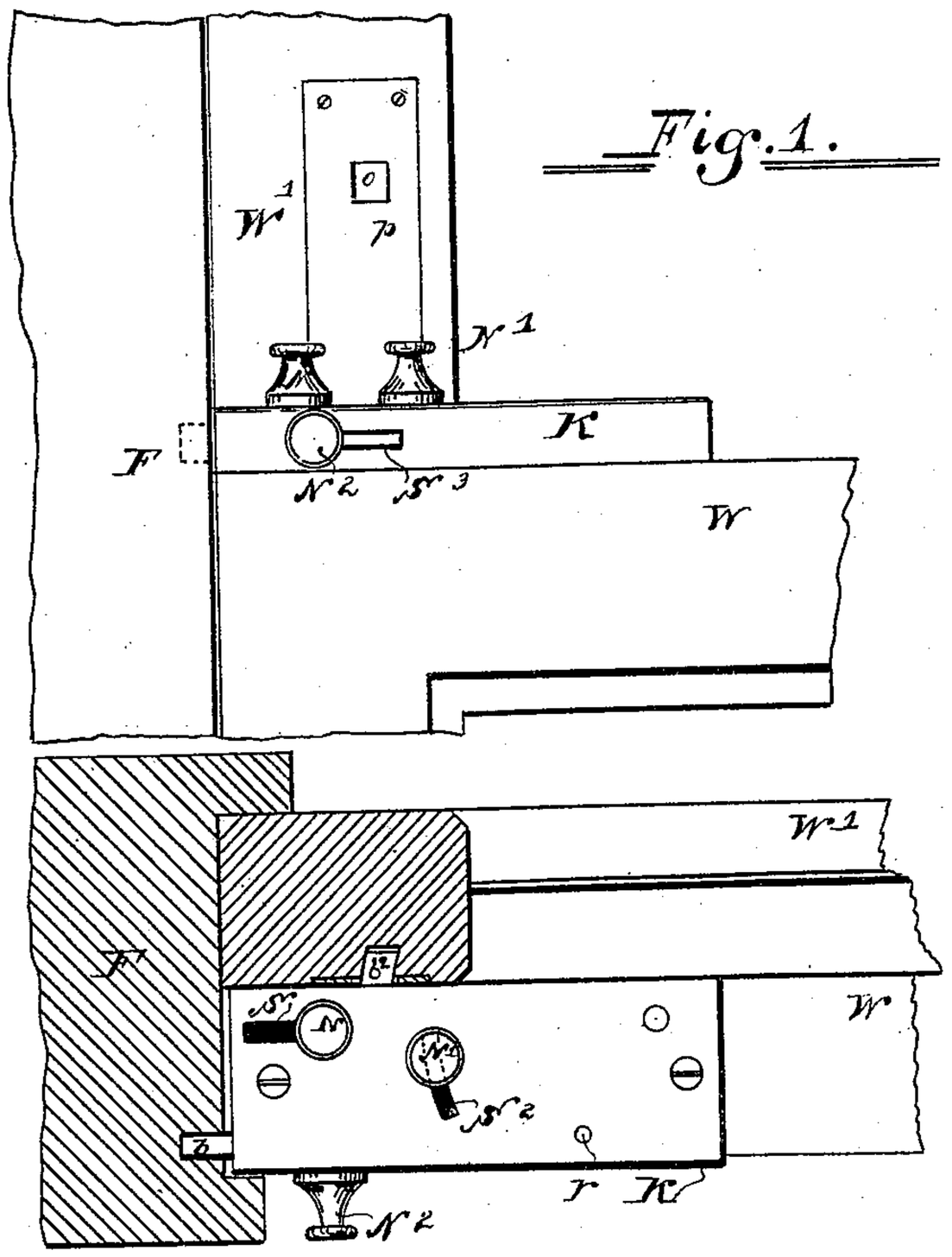

Fig. 1.

Fig. 2.

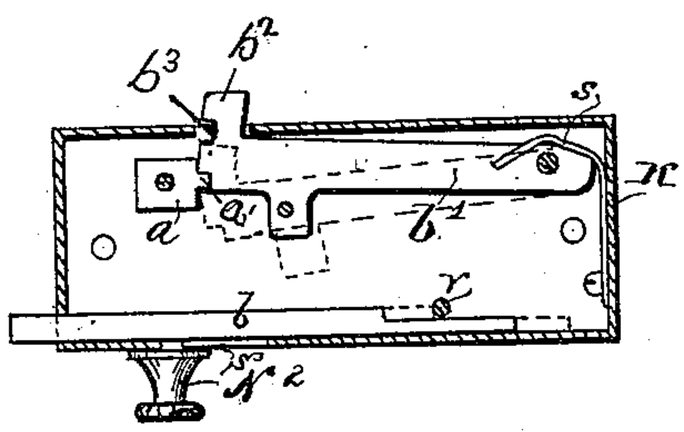

Fig. 3.

WITNESSES.

Jacob W. Looper

W. P. Smith

INVENTOR.

Frederick Bell

By C. P. Jacobs

Atty.

UNITED STATES PATENT OFFICE.

FREDERICK BELL, OF ANDERSON, INDIANA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 287,409, dated October 30, 1883.

Application filed January 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK BELL, of Anderson, Indiana, have invented a new and useful Improvement in Sash-Locks, of which the following is a description, reference being had to the accompanying drawings, in which like letters indicate like parts.

My invention relates to sash-locks; and it consists in the parts which will be hereinafter described, and pointed out in the claim.

In the drawings, Figure 1 represents a perspective view of my device attached to the lock-rail of the lower sash. Fig. 2 is a top view of the same, showing a part of the frame and side rail of the upper sash in cross-section. Fig. 3 is an interior view of my device, showing the construction and arrangement of the bolts.

In detail, K is the shell or case of the lock, b' the bolt for the upper, and b the bolt for the lower, sash.

a is a catch, which slides in a slot, S, in the face of the shell, and has a projection, a', which fits into notches b^3 in the short arm of the bolt b^2, to prevent its being moved.

N is the knob that moves the catch a, N′ the knob that moves the bolt b', and N² the knob that moves the bolt b. The bolt b has a recess or shoulder, c, formed thereon. Said shoulder is adapted to engage the stud r, whereby the inward movement of the bolt b is limited. The dotted lines in Fig. 3 show the position of bolt b' when drawn clear back.

W is the lock-rail of the lower sash, on the top of which the lock is fastened, as shown in Fig. 1.

W′ is the side rail of the upper sash, and p is an iron plate, having openings o at suitable distances to receive the arm of the bolt b^2. Instead of a plate with holes, a series of stops or lugs might be made in one strip or piece to receive the arm of the bolt b^2.

F is a part of the window-frame, and the bolt b slides into holes mortised therein, as shown by the dotted lines in Fig. 1. These stops or holes may be made at such places in the frame F that the sash may be bolted at any desired height, and the same is true of the openings in the side rail of the upper sash. Either bolt of the lock may be used separately, and both may be used at once when desired, thus locking both sashes of the window when closed. The bolts, it will be seen, operate substantially at right angles to each other. The bolt b' has a spring, s, secured to its lower end, to keep the bolt pressed forward in place.

What I claim, and desire to secure by Letters Patent, is—

The combination of the casing K, provided with the spring s and slots S S², the bolt b', pivoted at one end in said casing, said bolt being provided with foot-piece b^2, notches b^3, and thumb-piece N′, the sliding catch a, having projection a', thumb-piece N, and the bolt b, substantially as described, and for the purposes set forth.

In witness whereof I have hereunto set my hand this 17th day of January, 1883.

FREDERICK BELL.

Witnesses:
C. P. JACOBS,
C. S. SPRITZ.