

(No Model.)

F. E. BENEDICT.  
SASH FASTENER.

No. 573,255.

Patented Dec. 15, 1896.

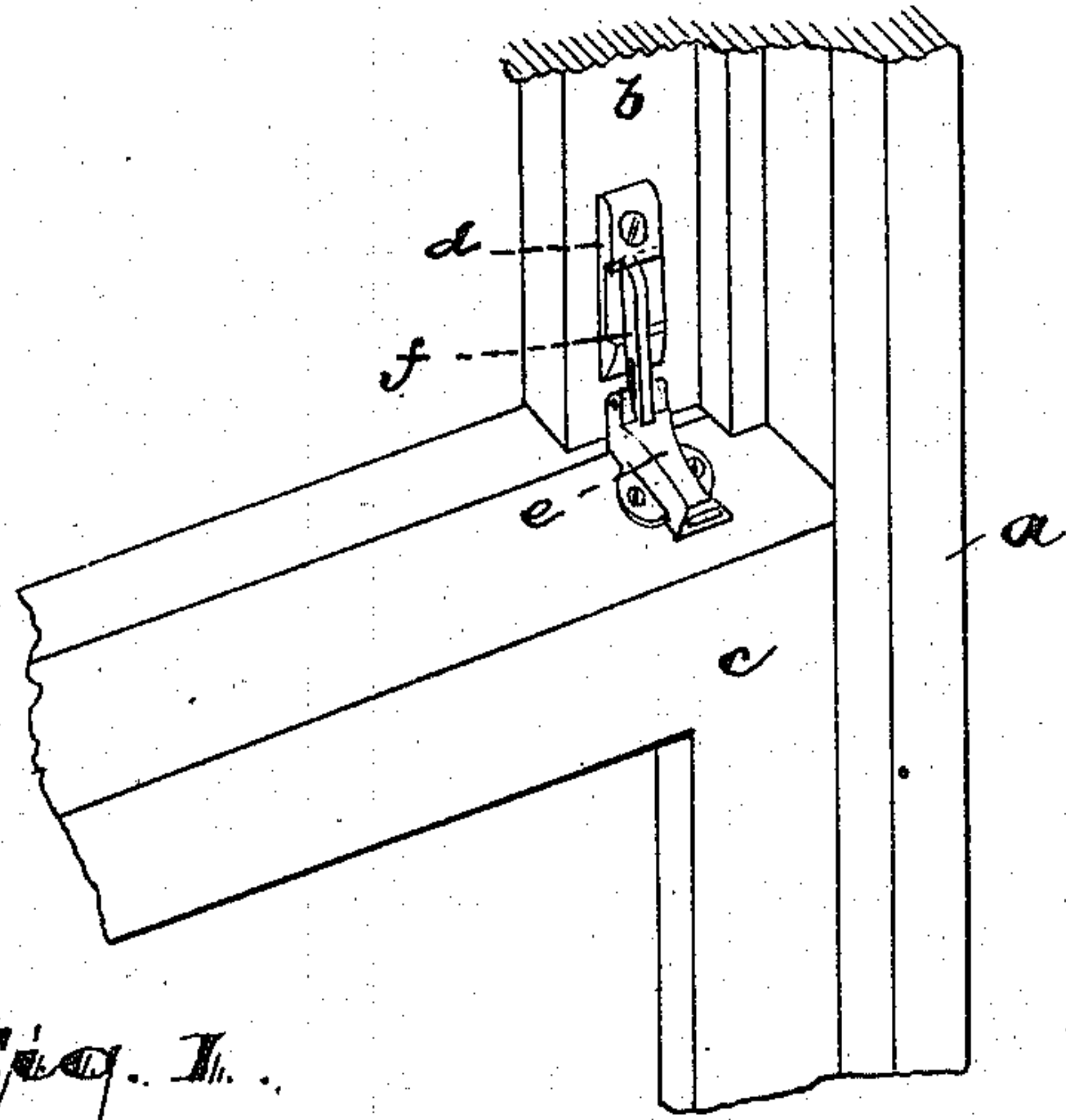


Fig. 1.

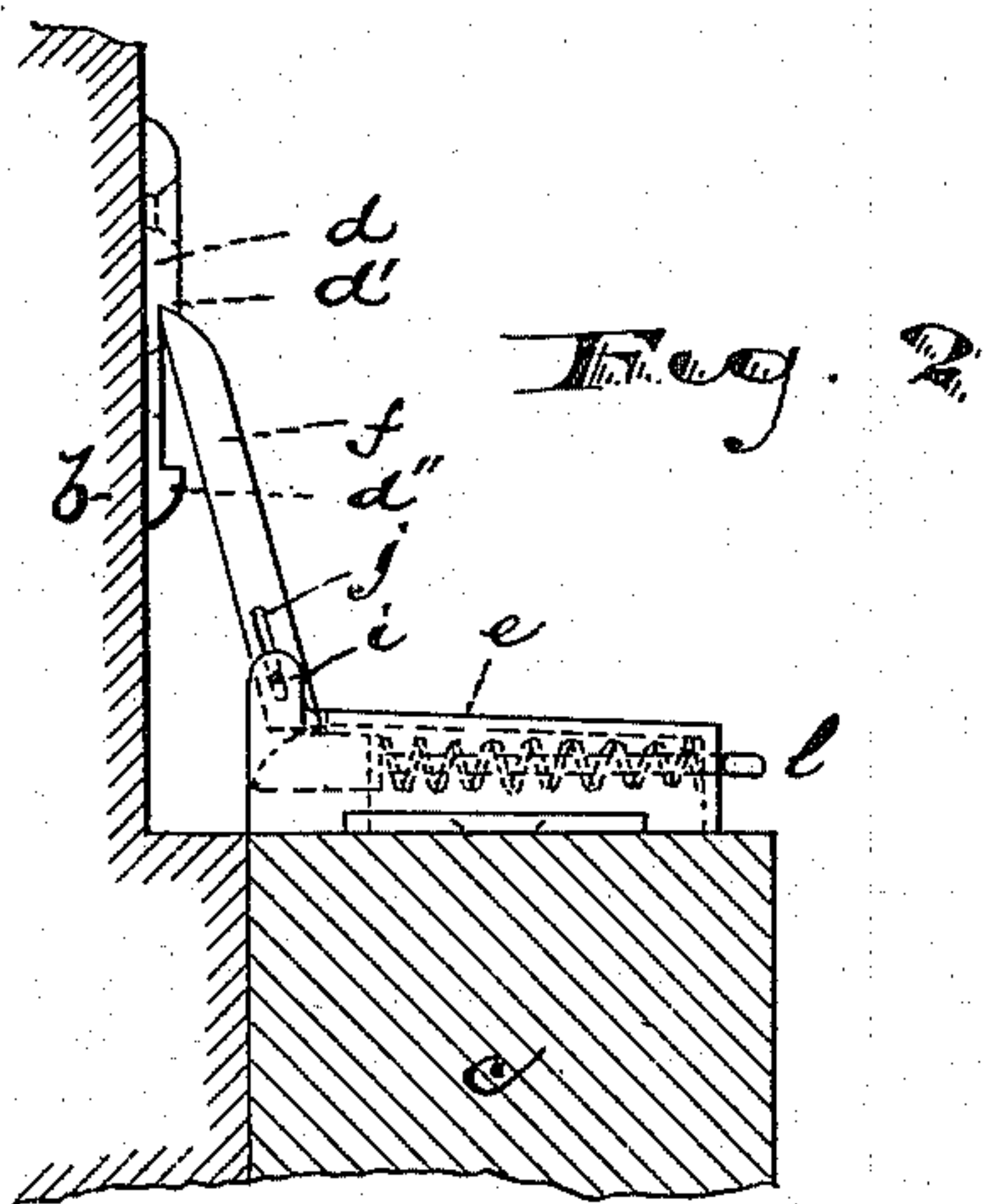


Fig. 2.

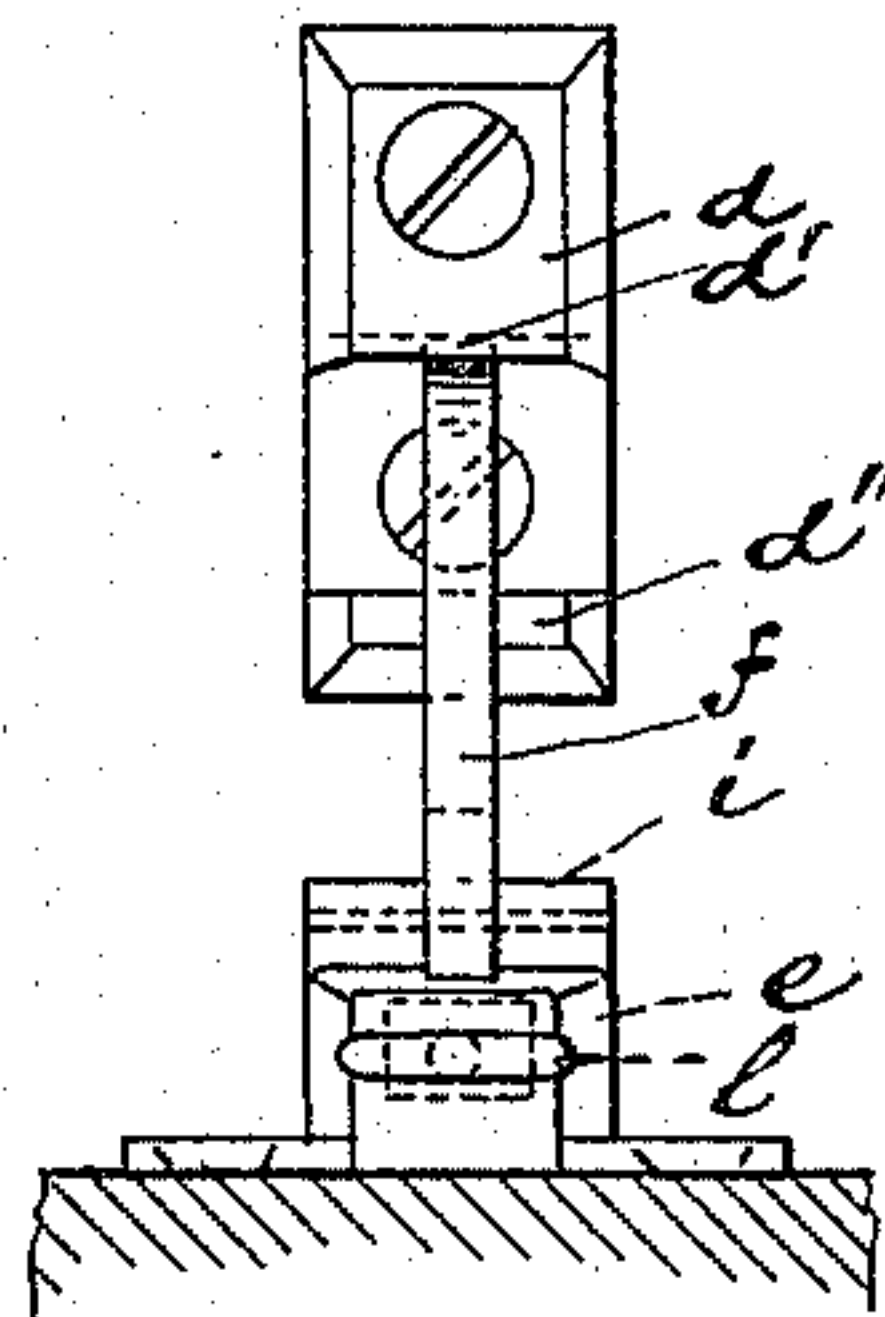


Fig. 3.

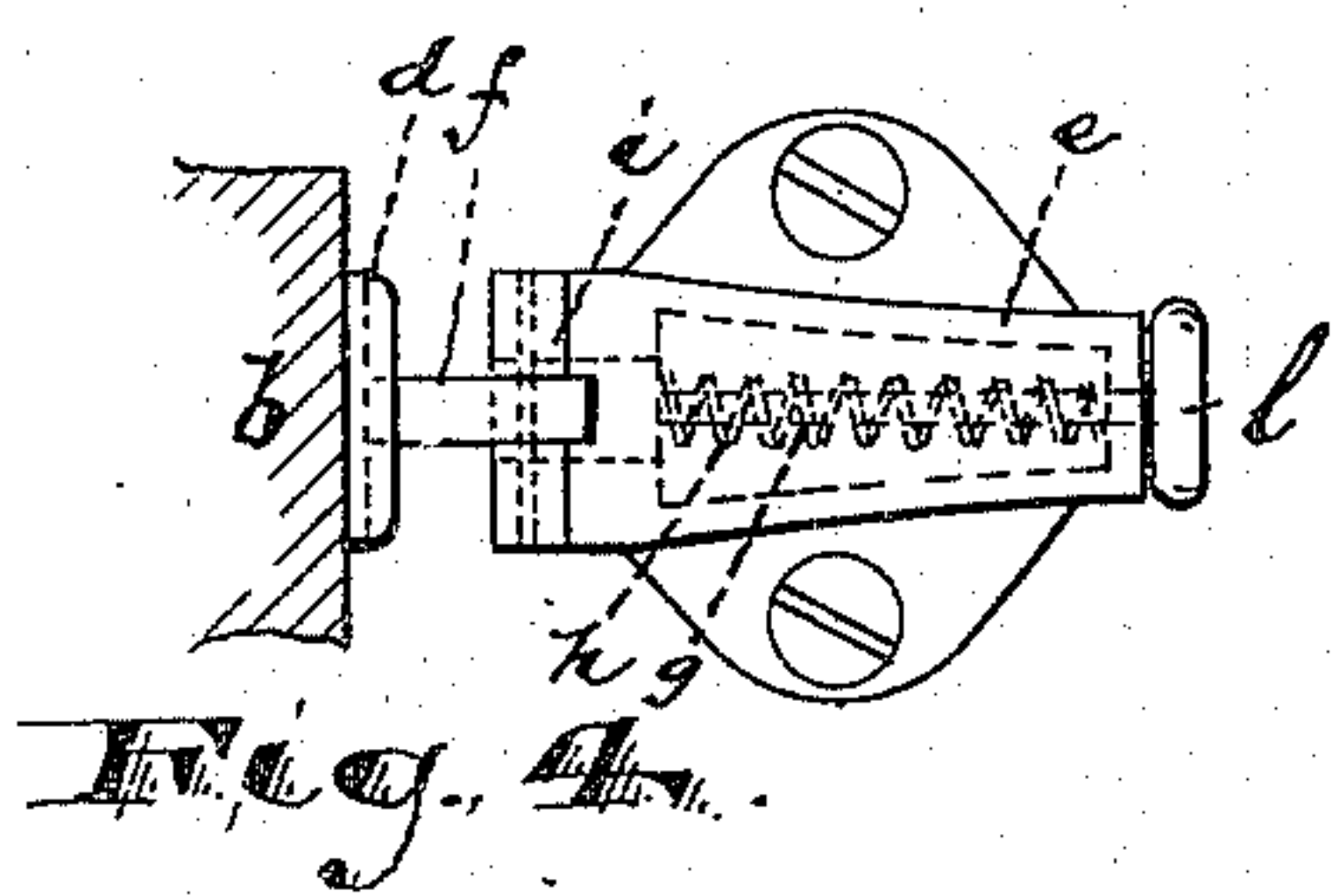


Fig. 4.

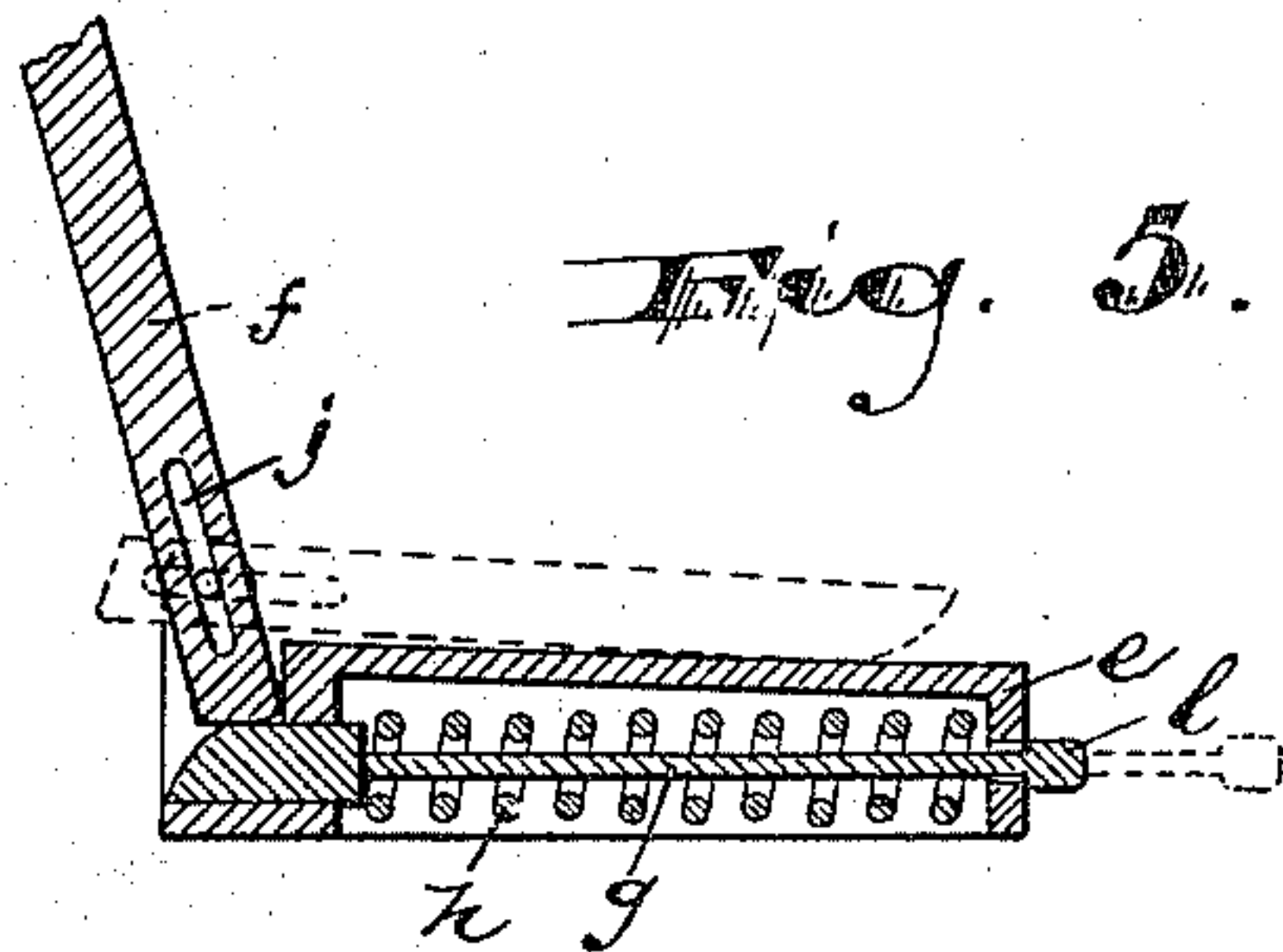


Fig. 5.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANK E. BENEDICT, OF NEWARK, NEW JERSEY.

## SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 573,255, dated December 15, 1896.

Application filed April 1, 1896. Serial No. 585,695. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK E. BENEDICT, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Sash-Fasteners; and I do hereby 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a sash-fastener that will be more secure against outside manipulation, one that cannot be forced open by means of a jimmy or similar burglars' tools, and to secure other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved sash-fastener, and in the arrangements and combinations of parts, all substantially as will be hereinafter set forth and finally embraced in the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a perspective view of a portion of a window, to the sashes of which is attached the improved sash-fastener. Fig. 2 is a side elevation of the said fastener and portions of the sashes. Fig. 3 is an elevation. Fig. 4 is a plan of the same, and Fig. 5 is an enlarged section taken on line *x*.

In said drawings, *a* indicates the window-frame; *b c*, portions of the sash therein. *d* is one of the parts of the fastener vertically secured upon the upper sash, and *e* a cooperating part of the fastener attached upon the horizontal top of the lower sash and having a tongue *f* adapted to engage the said vertical plate *d* upon the upper sash to secure the sashes in their closed positions against outside manipulation.

At about the center of the fastener-plate *d* of the upper sash the same is provided with an overhanging or undercut shoulder *d'* and at its lower end with a projection *d''*, the shoulder *d'* being adapted to receive the up-

per extremity of the tongue *f*, so that the said extremity enters beneath the undercut part and is thus locked or prevented from being moved upward by an attempt to raise the sash or thrown pivotally forward by pressure from behind, produced by a knife inserted through the joint between the sash or the like. The projection *d''* serves to throw the lower end of the tongue forward away from the plate *d* when unlocked, so that it will not engage or slide against the sash and thus mark the same.

The section *e* of the fastener consists of a box-like piece having an interior chamber to receive a lock-bolt *g* and the spring *h* for automatically operating the same. Said box is also provided at the end nearer the upper sash with ears *i*, between which the tongue *f* is pivoted. Said tongue is slotted, as at *j*, where it receives the pivotal pin *k*, and is thus free to slide on said pin a limited distance, say one-quarter of an inch, more or less.

The lock-bolt *g* slides horizontally within the case or member *e*, said case providing suitable bearings for said bolt in which the latter slides.

The relation of the tongue *f* to the bolt *g* is such that when the former is thrown to its approximately vertical position, as shown in Fig. 2, the said bolt *g*, which is inclined or beveled at its forward extremity, engages the lower extremity of said tongue and, entering beneath the same under the power of the spring *h*, forces the latter upward into engagement with the lock-plate. The said bolt entering beneath the lower extremity of said tongue, as described, provides a firm and positive bearing for the tongue, whereby the latter cannot be forced downward or from locking engagement with the plate *d* by a jimmy or other similar tool or be thrown pivotally away from engagement with said plate *d* by a knife or other implement inserted between the sashes and engaging the back of the tongue extending up, as will be apparent. The bolt is provided with a finger-piece *l* at its forward extremity adapted to receive the fingers and admit of said bolt being drawn outward against the power of the spring *h* from beneath the tongue *f*, which



action allows the said tongue to drop from beneath its undercut bearing  $d'$ , so that it can be drawn forward and pivotally downward by the hand. On releasing the hand  
5 from the finger-piece the bolt is suddenly forced forward by the spring and engages the forward side of the tongue  $d$ , so that it is thrown by a hammer-like blow to the horizontal position shown by the dotted outline  
10 in Fig. 5. In this position its heel may be engaged by the projection  $d''$  and the bolt thrown away from the sash  $b$ , as will be apparent.

When it is desired to lock the sashes, the  
15 pivotal tongue is raised by a hand into engagement with the plate  $d$ , and the bolt, forced by the spring  $h$ , enters beneath the said tongue, as before described, and raises the same into locking engagement.

Having thus described the invention, what  
I claim as new is—

The combination, in a sash-fastener, with the plate  $d$ , having a locking shoulder or projection  $d'$ , of a pivotal and sliding tongue  $f$ ,  
25 and a bolt  $g$ , adapted to enter beneath the extremity of said tongue to hold the same into engagement with the said plate  $d$ , and a plate providing bearings for said tongue and bolt, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I  
have hereunto set my hand this 18th day of  
March, 1896.

FRANK E. BENEDICT.

Witnesses:

CHARLES H. PEIL,  
R. B. BLOEMEKE.