

No. 822,696.

PATENTED JUNE 5, 1906.

F. SIEDER.
SASH FASTENER.
APPLICATION FILED JULY 21, 1905.

Fig. 1.

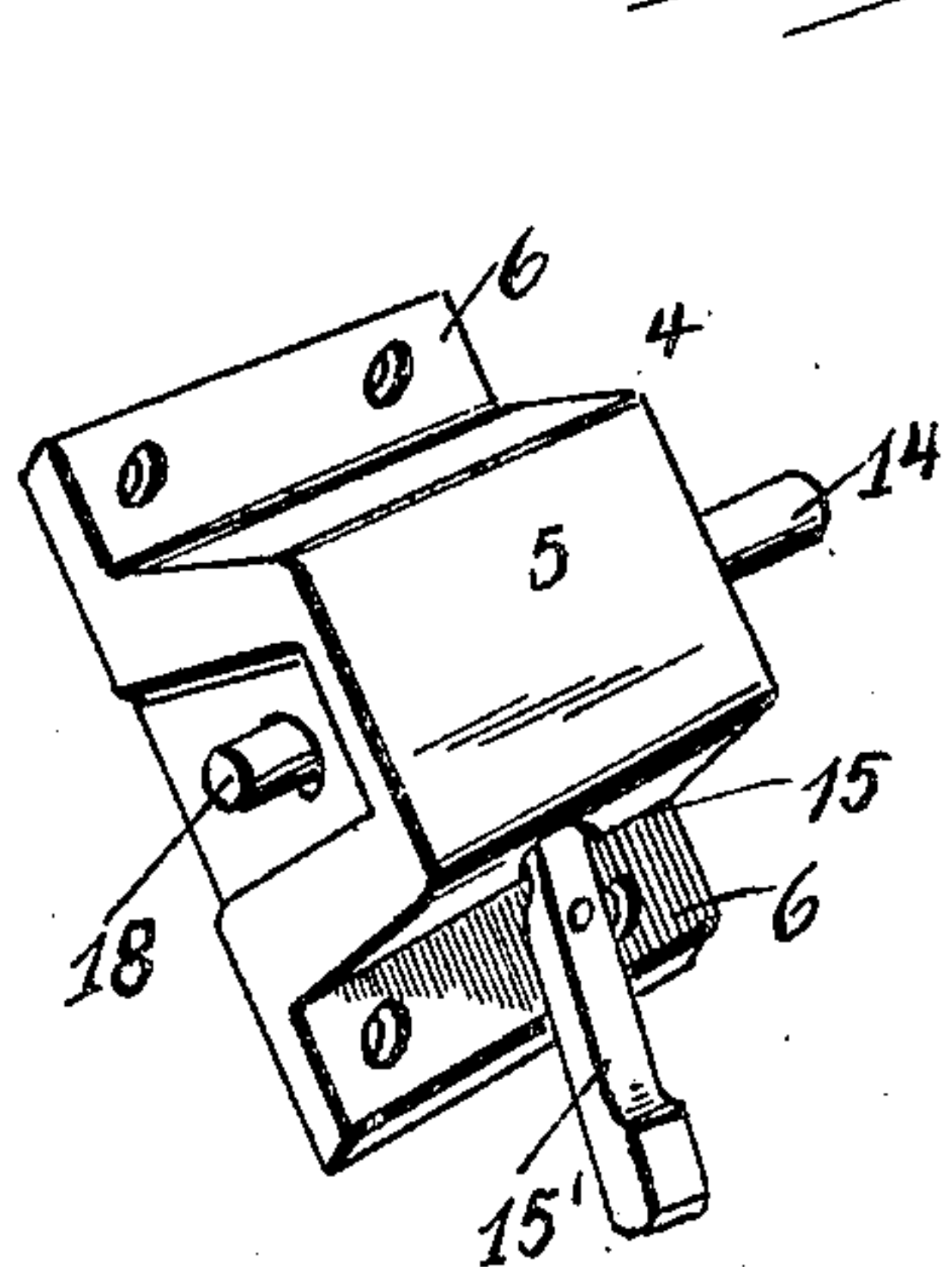
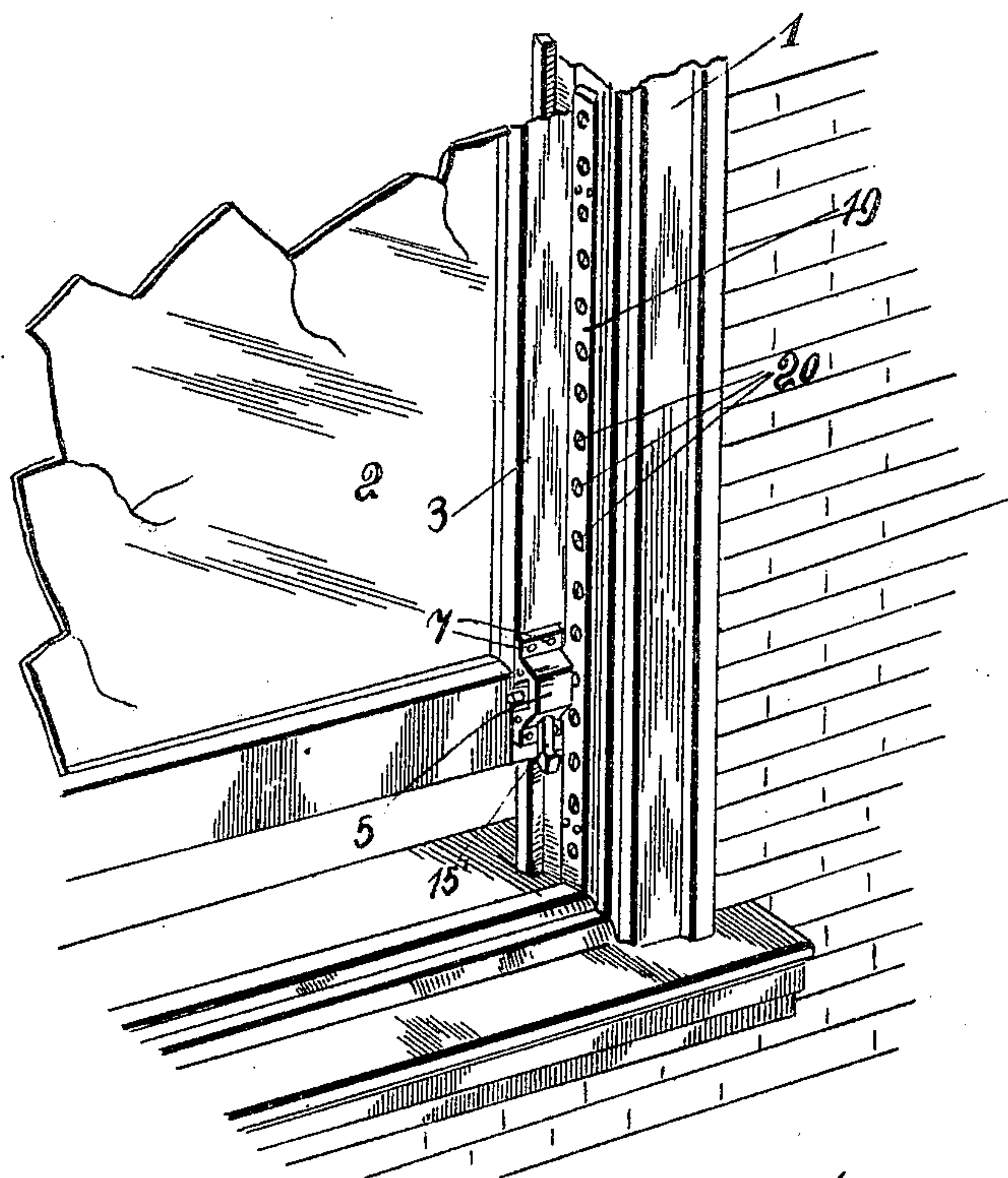


Fig. 2.

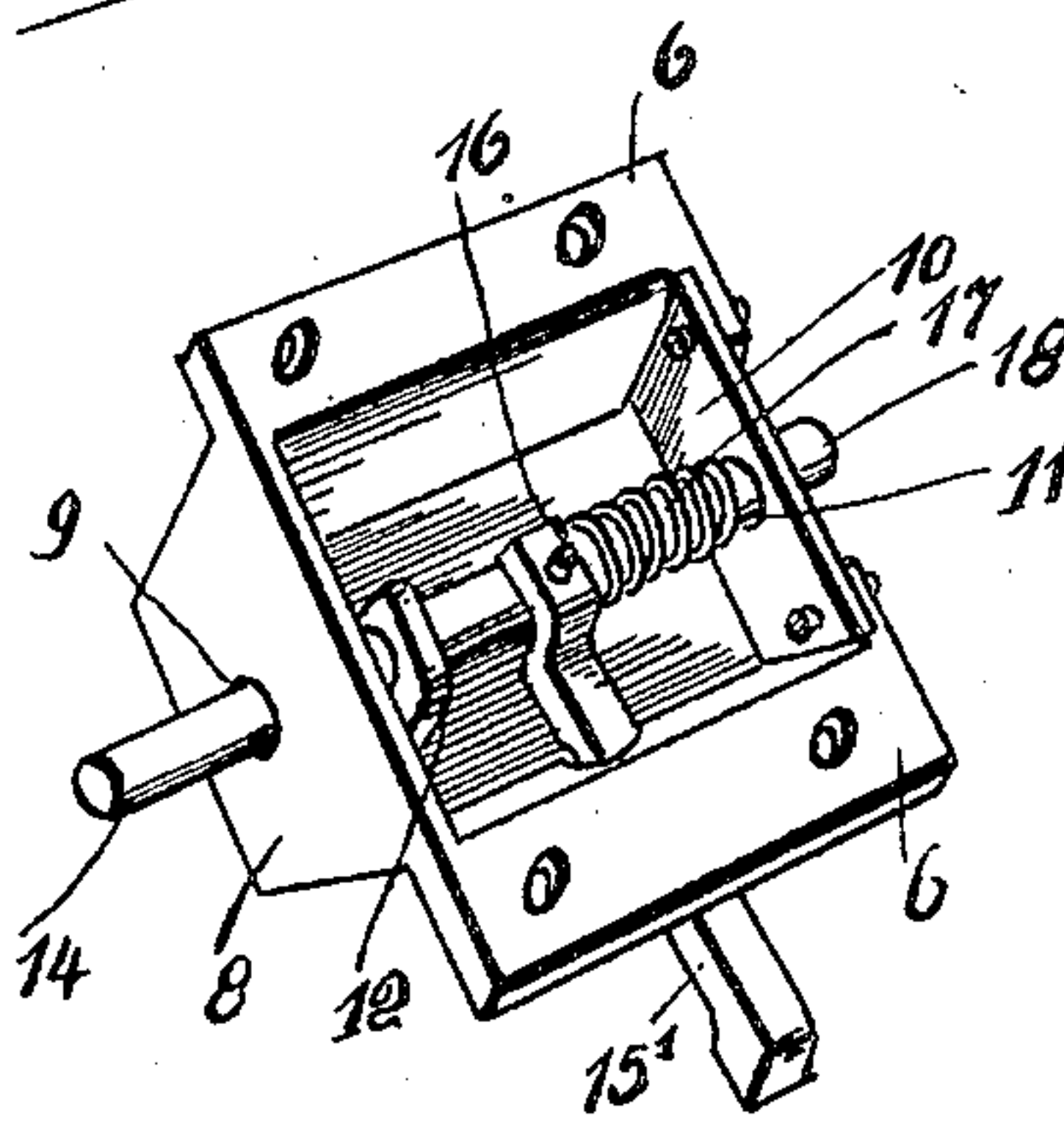


Fig. 3.

Witnesses:

C. W. Ostermann.

K. H. Butler

Inventor.
Frederick Sieder.

by *W. C. Swert*
Attorneys.

UNITED STATES PATENT OFFICE.

FREDERICK SIEDER, OF SWISSVALE, PENNSYLVANIA.

SASH-FASTENER.

No. 822,696.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed July 21, 1905. Serial No. 270,650.

To all whom it may concern:

Be it known that I, FREDERICK SIEDER, a subject of the German Emperor, residing at Swissvale, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in sash-fasteners; and the invention has for its object the provision of novel means whereby a window-sash can be adjusted to any desired position and locked in such a manner that it cannot be opened from the exterior of the window.

Another object of this invention is to provide a sash-fastener that can be readily used in connection with a window-frame and its sashes without disfiguring the same or removing any part of the sash or frame.

Another object of this invention is to provide a sash-fastener which will be extremely simple, strong and durable, comparatively inexpensive to manufacture, and one which can be easily and quickly manipulated to lock or unlock a window-sash.

Briefly described, my improved sash-fastener consists of a casing in which is mounted a spring-actuated plunger, this plunger being adapted to engage in a strip which is secured to the window-frame, said strip being provided with a plurality of openings, whereby the window-sash can be raised to any desired position and locked, the plunger being moved in a direction opposite to that in which it is moved by the spring by means of a lever which extends into the casing and has its end bent downwardly to engage the plunger and is pivotally connected to the plunger and to the casing.

The above construction will be hereinafter more fully described and then specifically pointed out in the claim, and, referring to the drawings accompanying this application, like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a fragmentary perspective view of a window-frame and sash equipped with my improved lock. Fig. 2 is a perspective view of the lock proper, and Fig. 3 is a similar view looking at the back of the lock detached from the sash.

In the accompanying drawings, the refer-

ence numeral 1 designates a window-frame, and the reference-numeral 2 a sash.

My invention resides in securing upon the side rail 3 of the sash a lock 4. This lock consists of a casing 5, having flanges 6 6 with openings therein, which are employed, together with screws 7 7, for fastening the lock to the side rail 3. The one end of the casing 5 is closed, as at 8, this closed end being provided with an opening 9. The opposite end of the casing is closed by a plate 10, having an opening 11 formed therein. The top of the casing is provided with a depending pierced lug 12, and supported by this lug and the openings in the ends of the casing is a plunger 14. The one side of the casing is cut away, as at 15, and pivotally mounted upon one of the flanges 6 adjacent to the cut-away portion is a lever 15', which extends into the casing and has its end bent upwardly to engage the plunger, the upwardly-bent end being pivotally connected to said plunger by a pin 16. The opposite end of the lever 15' extends out a short distance beyond the flange 6 of the casing; whereby it can be conveniently gripped when it is desired to actuate the plunger.

Upon the plunger within the casing 5 I mount a contractile spring 17, the one end of which is attached to the plate 10, while the other end is attached to the plunger, this spring being adapted to normally hold the one end 18 of the plunger outside of the casing 5.

Upon the side of the frame adjacent to the lock 4, and preferably upon one of the weather-strips thereof, I mount a strip 19, which is provided with a plurality of openings 20, disposed one above the other, and in these openings the end 18 of the plunger 14 is adapted to engage.

In Fig. 1 of the drawings, I have illustrated the sash 2 partially raised and locked by the lock 4, and should it be desired to close the sash or further open the same the lever 15' is moved toward the right-hand side of the lock 4, and as this lever is pivotally connected to said lock the plunger 14 will be moved in the opposite direction, disengaging the end 18 of the plunger from its respective opening in the strip 19 and permitting of the sash being raised or lowered. After the sash has been positioned at the desired place the lever 15' is released and the spring 17 will force the end 18 of the plunger 14 into one of the openings 20 of the strip 19. The openings 20 in

the strip 19 are preferably spaced apart, whereby the sash 2 can be minutely adjusted to any desired height.

From the construction of my improved
5 lock and the position in which it is placed upon the sash 2 it will be impossible for a person upon the exterior of the window to surreptitiously open the same.

It is thought from the foregoing that the
10 construction, operation, and advantages of the herein-described window-lock will be apparent without further description, and various changes in the form, proportion, and minor details of construction may be resorted
15 to without departing from the spirit of the invention or sacrificing any of the advantages thereof.

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

20 The combination with a window-frame, a perforated strip carried by said frame and a sliding sash, of a lock consisting of a casing of substantially rectangular form and having

laterally-extending flanges provided with holes for the passage of attaching-screws, 25 said casing having holes in its ends and the top of the casing being provided with a lug formed with a hole in alinement with the holes in the end of the casing, a plunger passing through the holes in the end of the casing 30 and through the hole in said lug, a lever having an angularly-bent inner end, said lever being pivotally secured to the plunger and extending through an opening in one side of a casing and being pivotally attached to one 35 of the said flanges and a spring surrounding the plunger, said spring being attached at one end to one end of the casing and at the other end to the said plunger.

In testimony whereof I affix my signature 40 in the presence of two witnesses.

FREDERICK SIEDER.

Witnesses:

AUGUST SIEDER,
EDWARD SIEDER.