

No. 815,537.

PATENTED MAR. 20, 1906.

A. KISSINGER.
SASH FASTENER.

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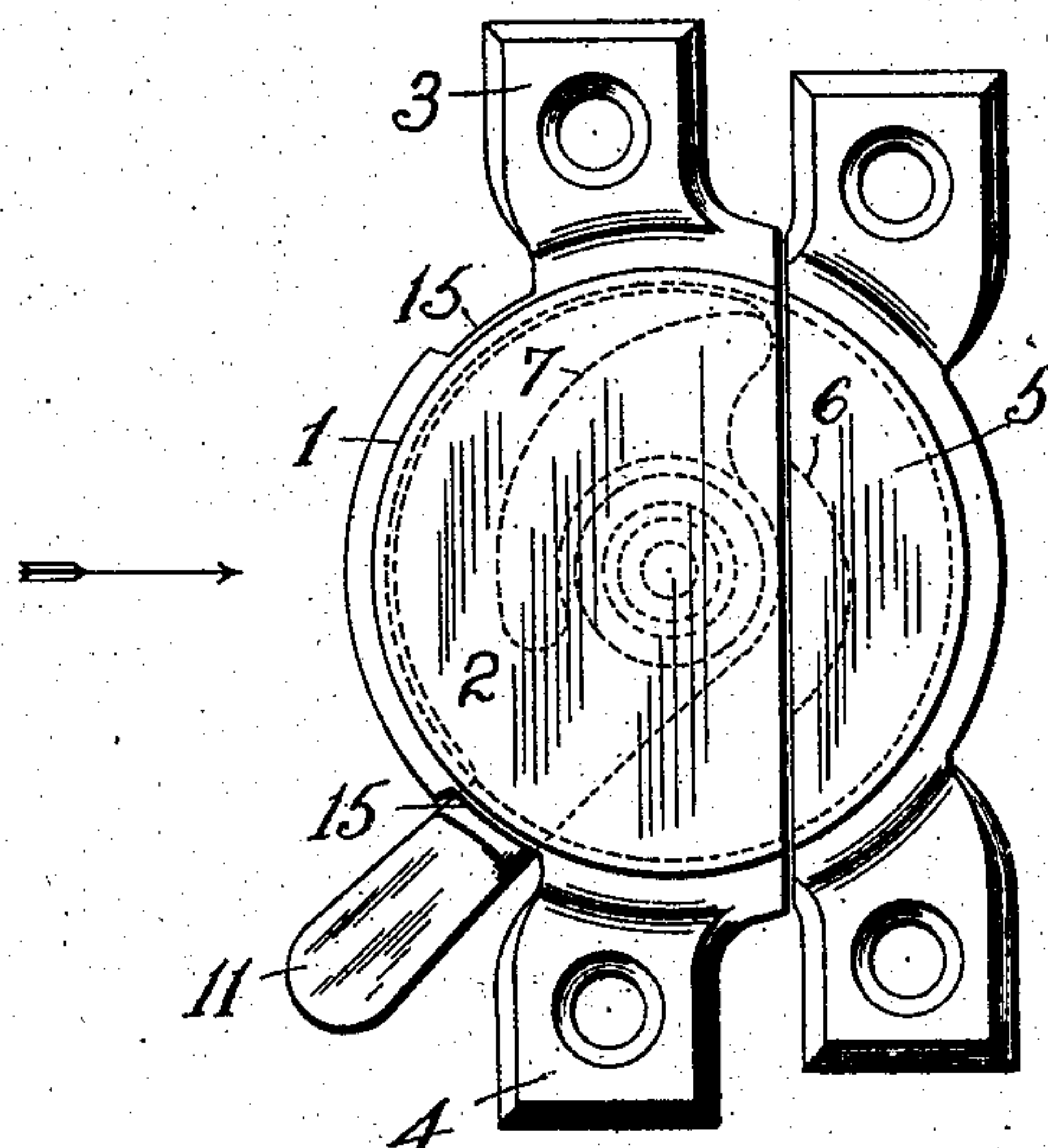
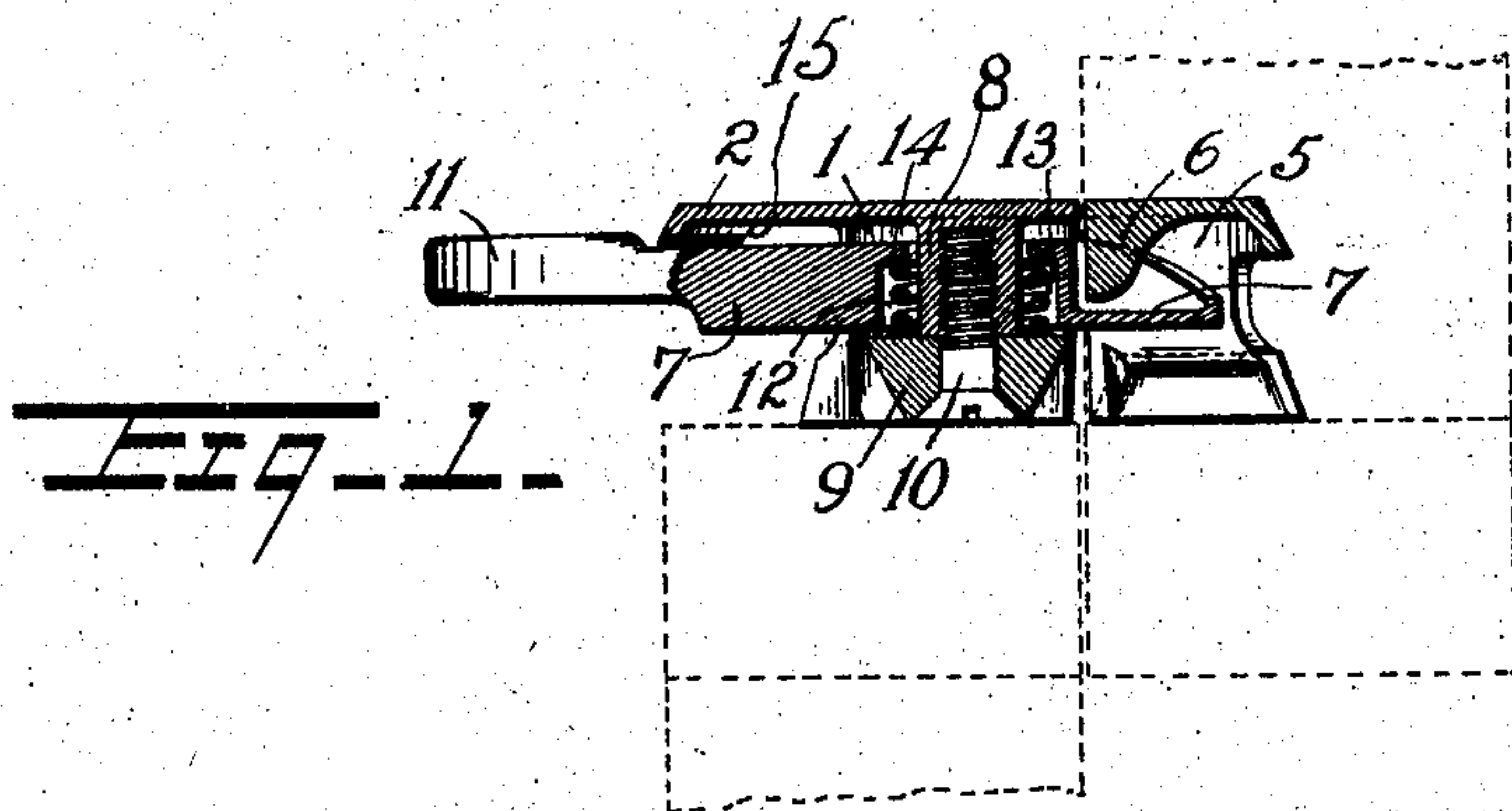
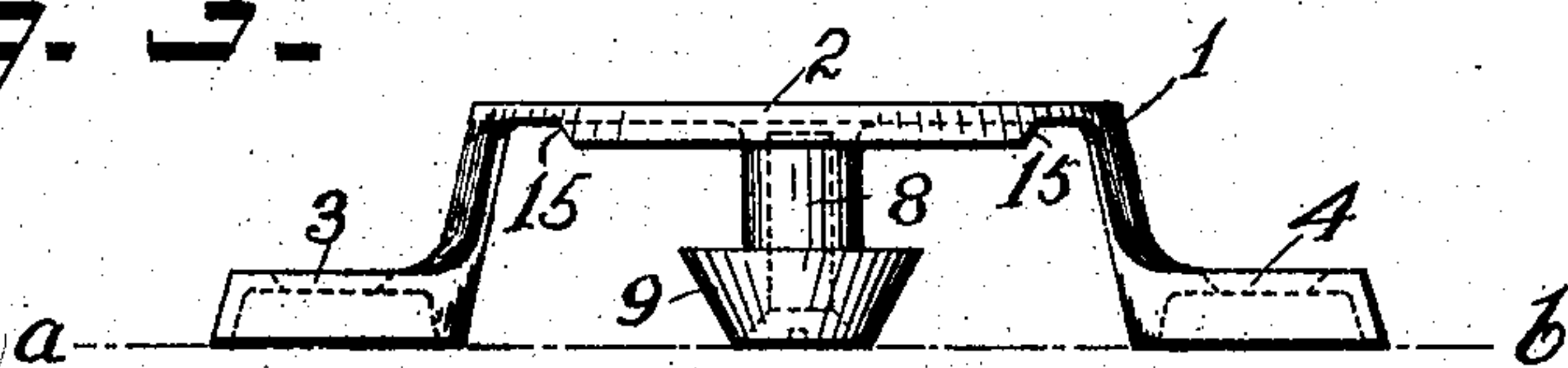


Fig. 3.



Witnesses
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SASH-FASTENER.

No. 815,537.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, AMOS KISSINGER, a citizen of the United States, and a resident of the city of Reading, county of Berks, State of Pennsylvania, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification.

My invention relates to fasteners for the meeting-rails of window-sashes; and my object is to provide a lock having a supported case covering the strike-engaging sweep or lever and its operating-handle to protect the same against damage and lock it in adjusted positions.

The accompanying drawings illustrate my invention, and the novel features are pointed out in the claims.

Figure 1 is a sectional elevation of a sash-fastener embodying my invention. Fig. 2 is a plan view of the same. Fig. 3 is a detail view of the case looking in the direction of the arrow, Fig. 2.

As shown in the drawings, the case 1 is formed with a single horizontal plate 2, carried above the sash-surface upon fastening-ears 3 and 4, which bear upon the sash, said plate 2 serving to carry the lever 7 by means of a rigid depending pivot-post, the head of which is adapted to bear upon the sash, as hereinafter described.

5 is the strike, also provided with ears for securing it to the other movable sash and having a projection 6 for engagement with the locking-plate 7.

Upon the under side of the top or cover plate 2 is formed a pivot-post 8, upon which the lever 7 is pivotally mounted. A head or washer 9 is secured to said post 8, either by a screw 10, as shown, or by a rivet, to retain the lever upon said post. This head 9 is made of sufficient thickness to rest upon the sash when the case 1 is secured thereto, thus adapting the pivot-post to serve as a support for the cover-plate 2. This is shown clearly in Fig. 3, where the pivot-post 8 and its attached head 9 are shown as resting upon the line *a b*, which represents the top of the sash.

The lever 7 is preferably made, as shown, of the double-cam arrangement ordinarily

employed and is provided with an integrally-formed handle 11, extending beyond the cover-plate 2 of the case 1 and lying below the same. Said lever 7 is pivotally mounted on pivot-post 8, as previously stated, and is adapted to be turned thereon to engage or disengage the strike 5.

The lever 7 is formed with a central recess 12 for the reception of a coiled spring 13, which spring bears against the head 9 on the pivot-post 8 and serves to press the lever against the cover-plate 2 of the case.

The cover-plate 2 is made with notches 15 and 15 in its outer rim, into which the handle 11 of the lever 7 is pressed by the spring 13 to lock the same in adjusted positions. A slight pressure upon the handle 11 releases the lever from the locking-notches, when it may be turned to either engage or disengage the strike 5.

It will be seen that in my improved sash-fastener as described the lever lies entirely below the cover-plate 2, so that it is fully protected thereby, while the cover-plate itself is strengthened by the central supporting-post against any blow upon the same such as it is liable to be subjected to by raising the window-sash so as to forcibly strike against the window-frame. The headed pivot-post thus effectually strengthens the plate 2, which covers the lever, while the latter incloses the spring whereby it is automatically pressed against the rim of the plate to secure it in adjusted position, thus providing a very neat, simple, and effective fastening device.

What I claim is—

1. In a sash-fastener the combination with the strike, of a case having spread-apart fastening-ears and a single horizontal uniting-plate therefor forming a cover and provided with a locking-rim, a headed pivot-post depending rigidly from said plate and adapted to serve as a central support therefor upon the sash, and a locking-lever pivoted upon said post below said top plate and having an integrally-formed handle projected beyond said rim, substantially as set forth.

2. In a sash-fastener the combination with the strike, of a case having a top plate pro-

vided with a locking-rim and a headed pivot-
post depending therefrom and adapted to
serve as a central support therefor upon the
sash, a strike-engaging lever pivoted upon
5 said post below said top plate and having an
integrally-formed handle projected beyond
said rim, and an annular spring-recess, and a
coiled spring seated upon the pivot-post head

and within said recess, substantially as set
forth.

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

AMOS KISSINGER.

Witnesses:

HENRY FOCHT,
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