

R. TAUBE.

SASH LOCK.

APPLICATION FILED DEC. 21, 1908.

928,408.

Patented July 20, 1909.

FIG. 1.

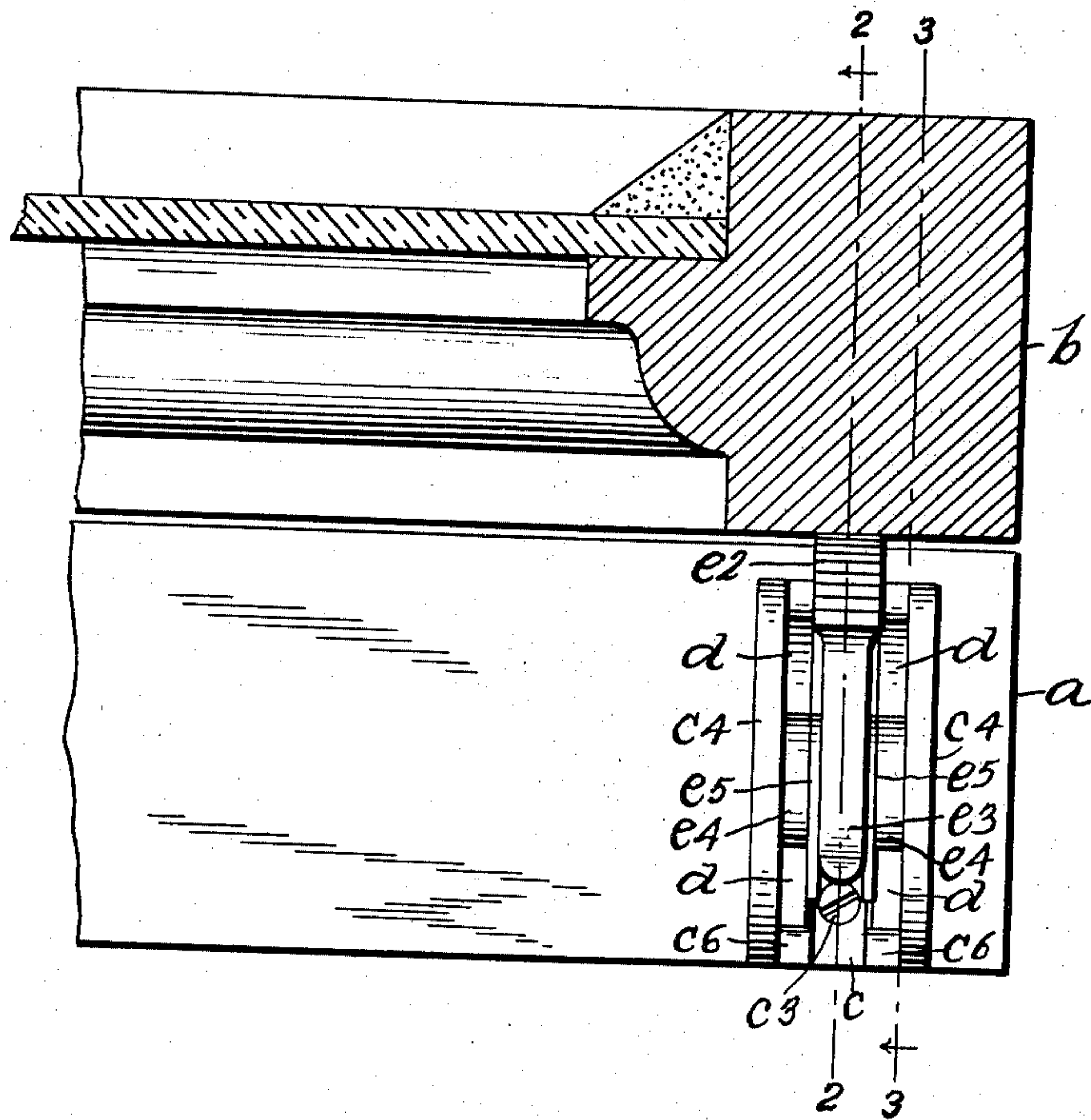


FIG. 2.

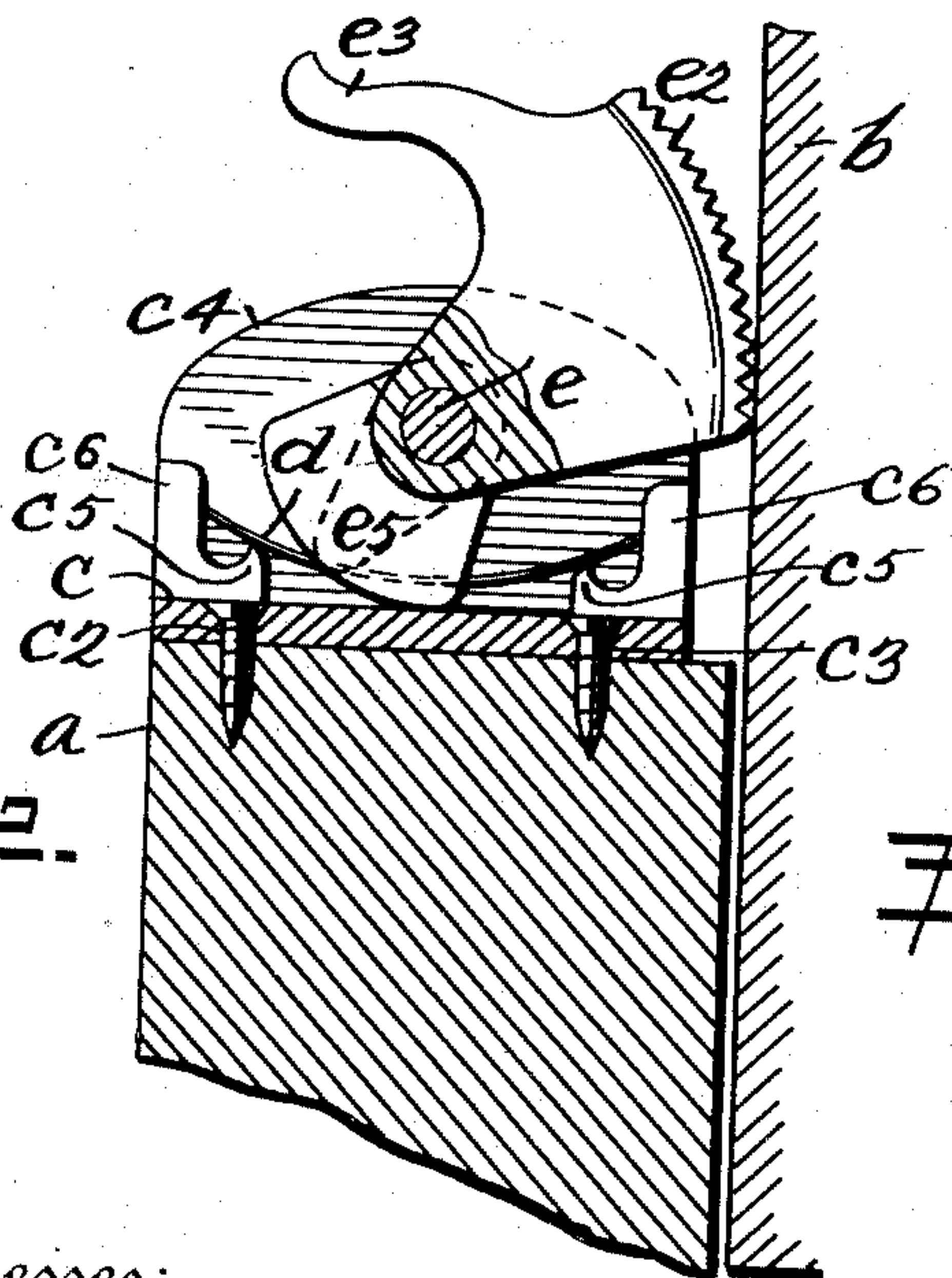
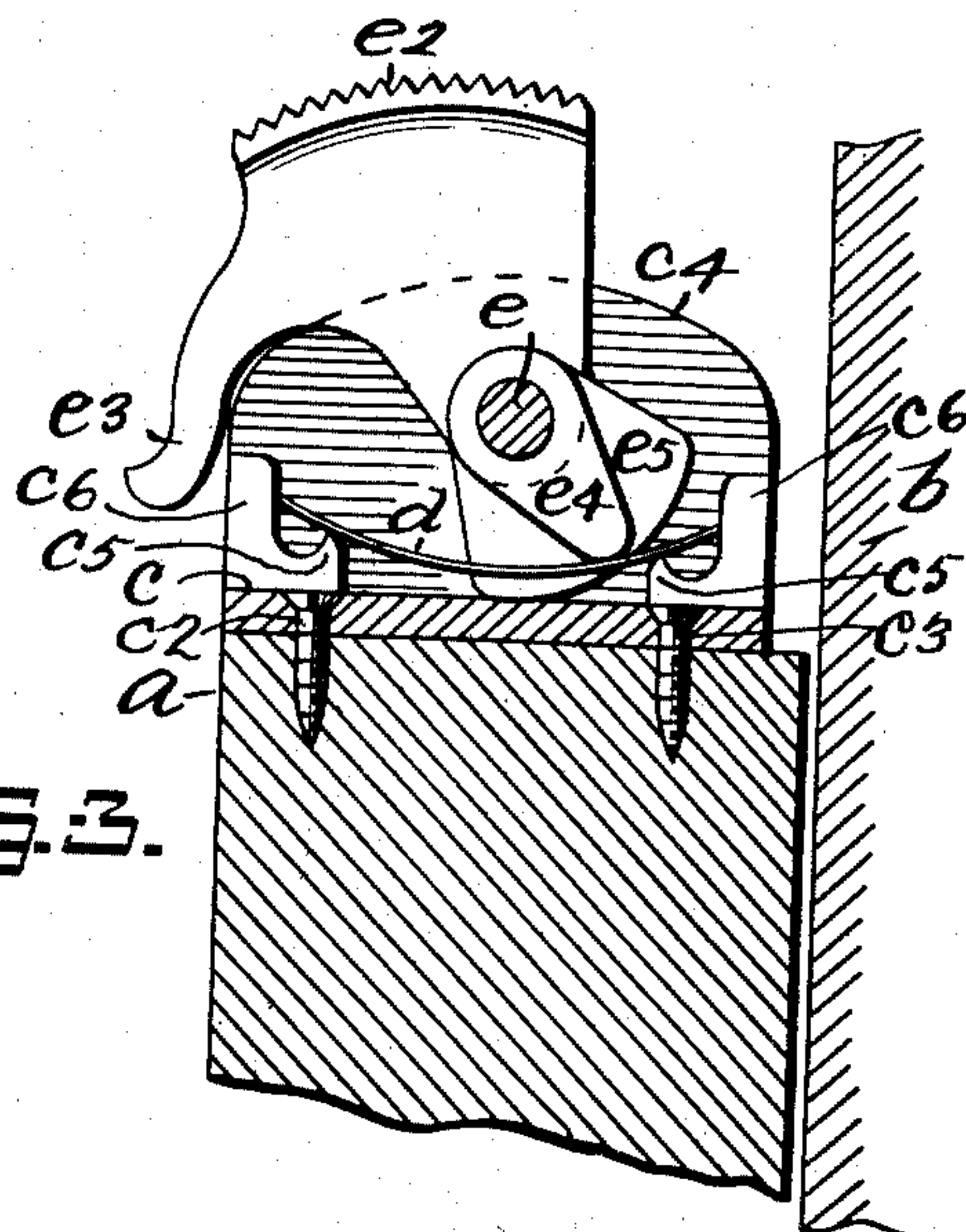


FIG. 3.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

RUDOLF TAUBE, OF NEW YORK, N. Y.

## SASH-LOCK.

No. 928,408.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed December 21, 1908. Serial No. 468,607.

To all whom it may concern:

Be it known that I, RUDOLF TAUBE, a subject of the Emperor of Germany, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Sash-Locks, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to locks for use in connection with window sashes of the vertically movable type, and the object thereof is to provide such a lock which permits of any desired adjustment of the said sashes with relation to the window and which, in such adjustment, prevents a further opening movement of either of said sashes; a further object being to provide such a lock which cannot be sprung out of locking engagement with the sashes by accident or sudden jerking movements of either sash; a further object being to provide such a lock which permits the closing of an open sash, to any degree, but which prevents the return thereof to the initial position; a further object being to provide positive means whereby the locking engagement is maintained, when desired, or whereby the said lock is positively held in a disengaged position, when not in use, and a still further object being to provide such a lock which is simple in construction and use, which is composed of few parts and readily placed in operative position, and which is very inexpensive.

My invention is fully described in the following specification, of which the accompanying drawings form a part, in which the separate parts are designated by the same reference characters in each of the views, and in which:—

Figure 1 is a plan view of my invention, in position for use in connection with window sashes; Fig. 2 is a section taken on the line 2—2 of Fig. 1; and Fig. 3 is a section taken on the line 3—3 of Fig. 1.

In the drawings forming a part of this application, I have shown a lower window sash *a* and an upper sash *b* of the vertically movable type, fragmentally, and upon the upper stile of the sash *a* is secured a plate *c* by means of screws *c*<sup>2</sup> and *c*<sup>3</sup>, of equivalents, said plate having two upwardly extending side members *c*<sup>4</sup> which, jointly, serve as a support for the operative parts of my invention, said side members *c*<sup>4</sup> having, each, a

lug *c*<sup>5</sup> provided with an upwardly directed member *c*<sup>6</sup> thereon, preferably integrally formed upon the said side members and serving as supports and guides for a plate spring *d* upon each of the said side members, on the inner sides thereof.

Passed through the two side members *c*<sup>4</sup> is a shaft or bolt *e*, upon which is mounted a segment ratchet *e*<sup>2</sup> of a length greater than the distance from the shaft *e* to the sash *b* with which it is adapted to engage, said segment having a handle *e*<sup>3</sup> whereby it may be manipulated, and being also provided with a finger *e*<sup>4</sup> in the position of, and bearing upon, each of the said springs *d*, and with plate *e*<sup>5</sup> adjacent to each of the fingers *e*<sup>4</sup> and extending beyond the corresponding spring *d* against which it bears.

In assembling my invention, I first drop the springs into the positions shown, after which I force the segment *e*<sup>2</sup> in such position that the hole therein registers with the holes in the side members *c*<sup>4</sup>, at which time the shaft *e* is passed therethrough and riveted or otherwise secured, and my invention is ready for mounting upon a window sash.

The assembled lock is placed upon the lower sash in such manner as to have the lower part of the segment ratchet *e*<sup>2</sup> bear against the sash *b*, at which time the screw *c*<sup>2</sup> is driven into the sash *a* through the plate *c*, after which the segment *e*<sup>2</sup> is moved into the position shown in Fig. 3 and the screw *c*<sup>3</sup> put into place and the device is ready for use.

It will be seen that the springs *d*, bearing upon the fingers *e*<sup>4</sup>, serve to hold the segment in either of two positions, engaged or disengaged, and when in the former position upward movement of the sash *a* or downward movement of the sash *b* is impossible because of the difference in centers of the segment pivot and of the segment ratchet, any attempt to move said sashes in these directions forcing the ratchet into the material of which the sash *b* is composed but, if one of the sashes be open, a closing movement thereof is possible for the reason that the ratchet slides over the sash *b* until an attempt is made to open the movable sash, at which time the lock again becomes operative.

When it is not desired to use the lock, all that is necessary is to move the segment, by means of its handle, out of the position



shown in Fig. 2 and into that shown in Fig. 3, at which time either sash may be moved at will and, because of the constant tension of the springs *d*, neither jarring nor jerking of the sashes will move the segment from its position and the said springs are made in duplicate in order that one shall be operative if the other be broken and, because of the lug members *c*<sup>6</sup> and the plates *e*<sup>5</sup>, said springs cannot be dislodged from the operative position.

Reserving the right to all such changes as may suggest themselves, within the following claims, what I claim as new, and desire to secure by Letters Patent, is:—

1. In combination with movable sashes, a segment ratchet pivotally mounted upon one of said sashes and adapted to engage the other sash if moved in one direction,

and means for insuring said engagement, said means serving also to hold said ratchet out of engagement, when desired.

2. In combination with movable sashes, a segment ratchet pivoted on one sash and adapted to engage the other if moved in one direction, springs for insuring said engagement, supports for said springs and plates on said ratchet for holding said springs in position.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 17th day of December 1908.

RUDOLF TAUBE.

Witnesses:

GEORGE F. BENTLEY,  
J. C. LARSEN.