

No. 887,420.

PATENTED MAY 12, 1908.

H. NEUMANN.
SASH LOCK.

APPLICATION FILED MAR. 7, 1908.

Fig. 1.

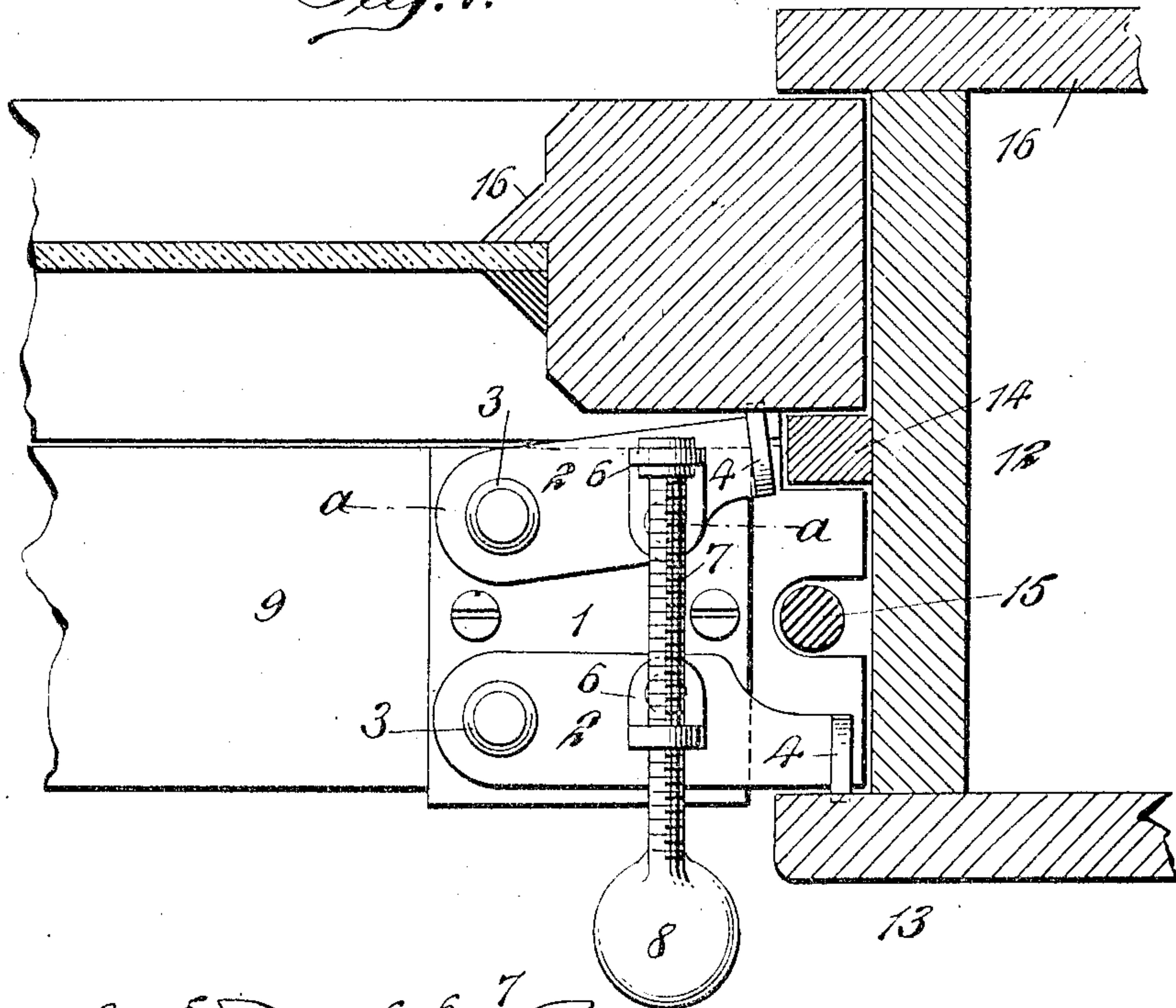


Fig. 2.

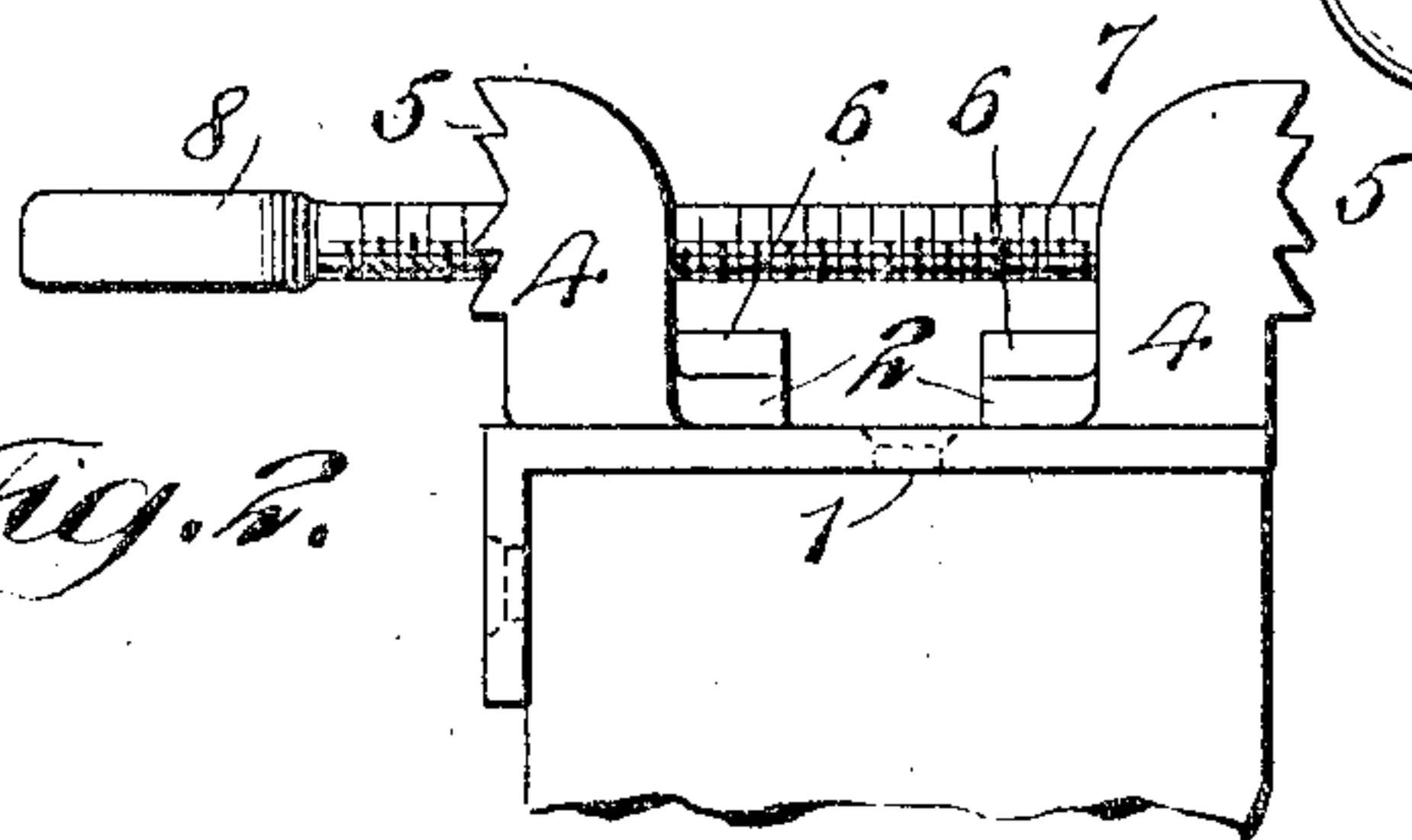


Fig. 3.

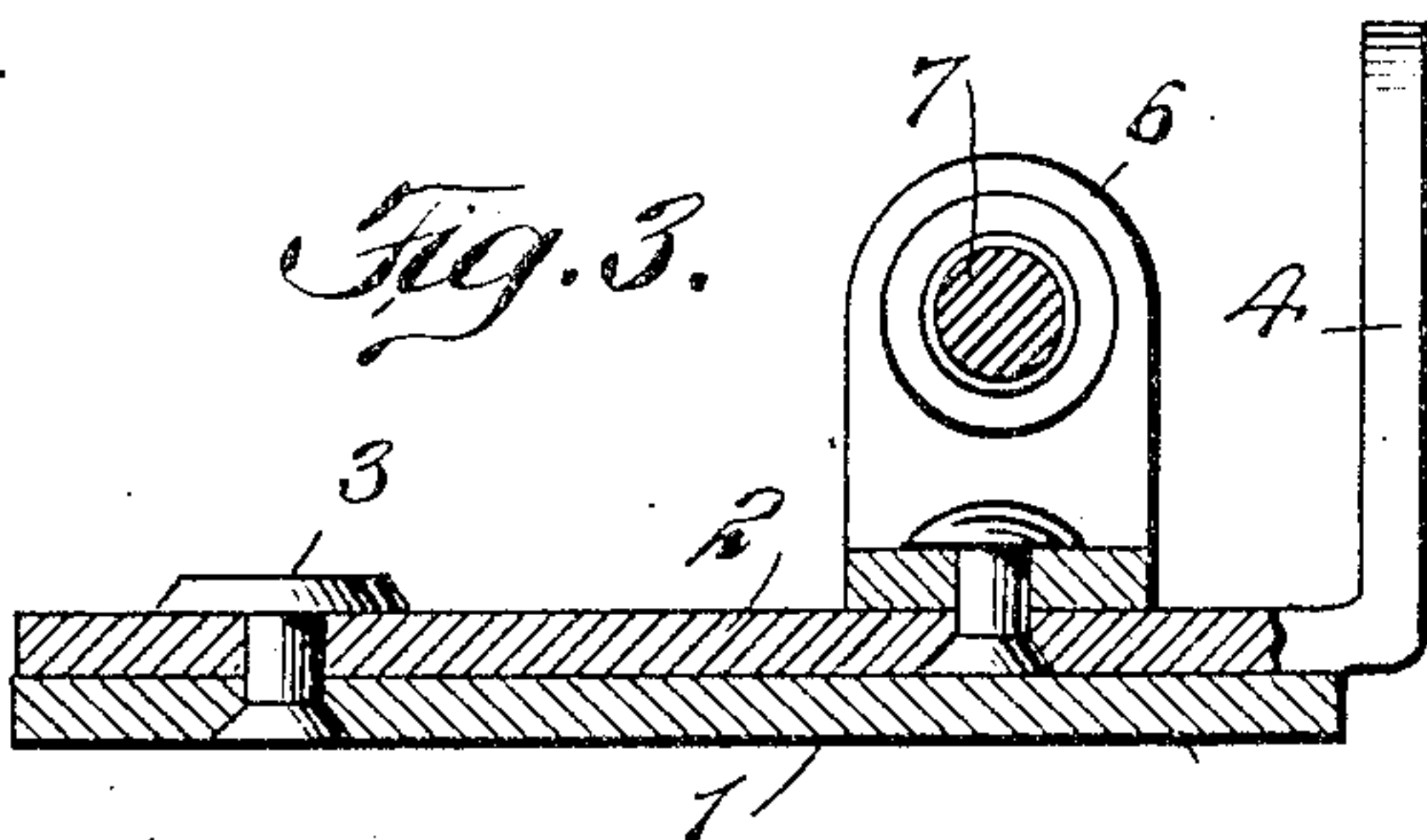


Fig. 5.

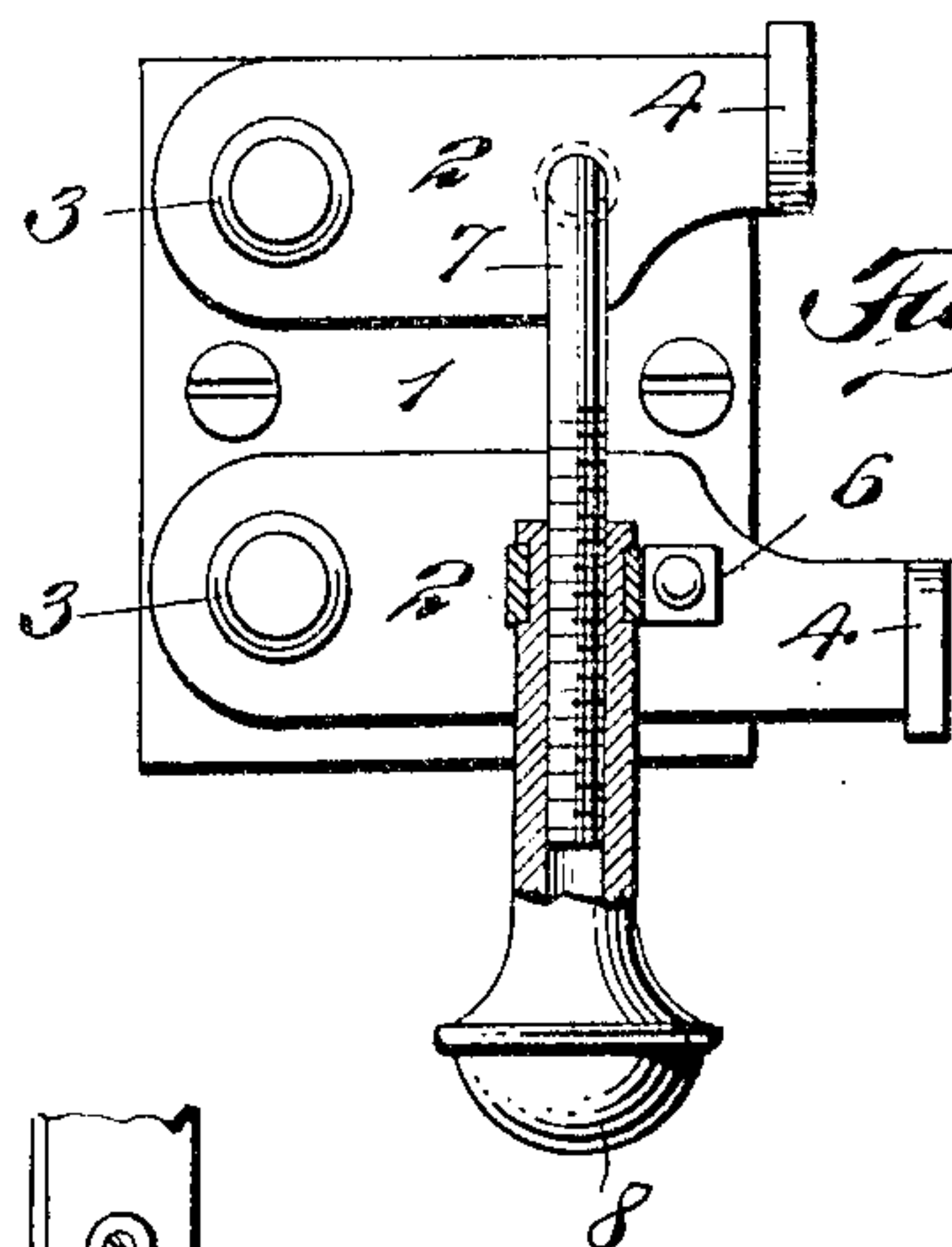
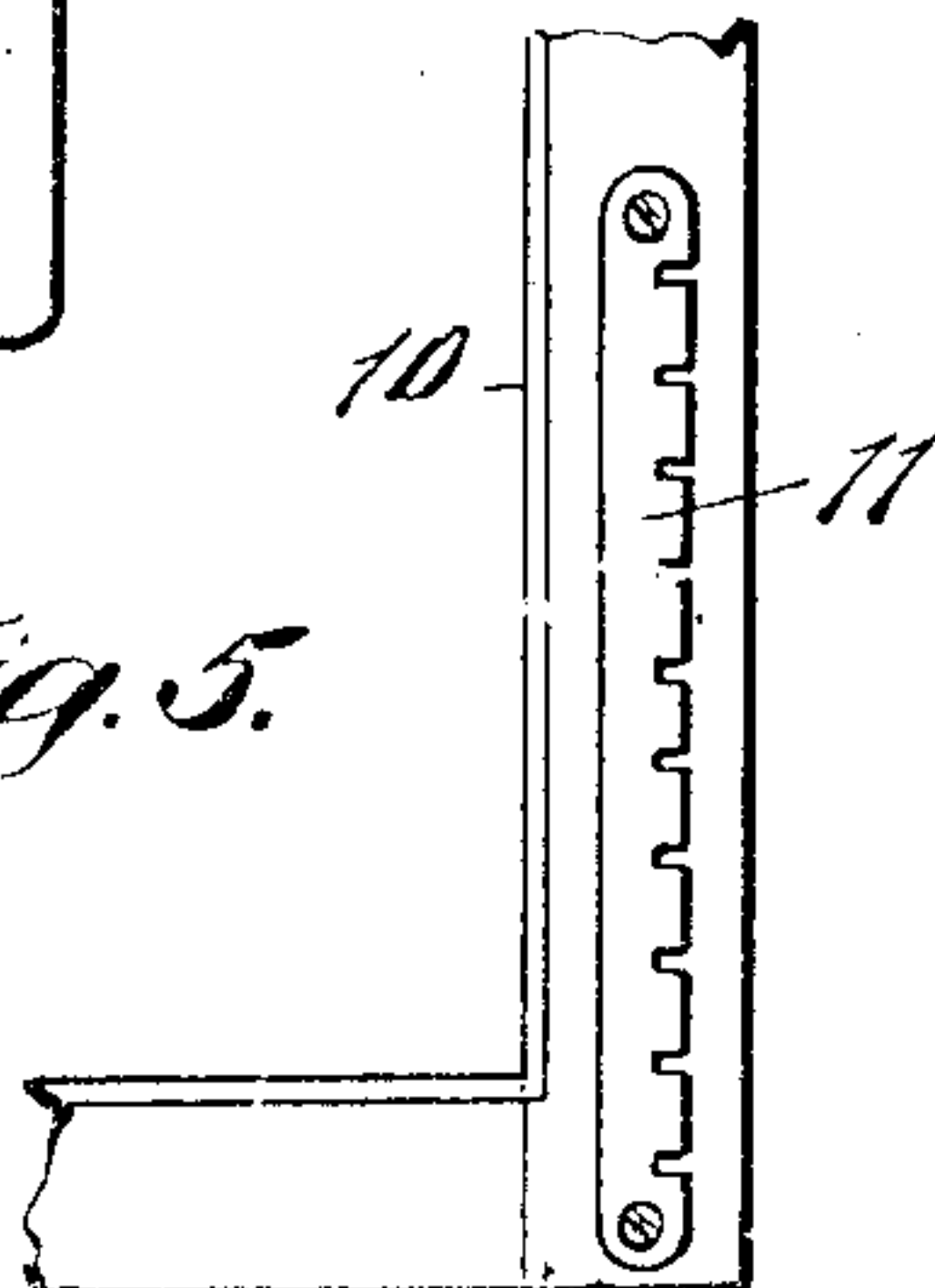


Fig. 4.

WITNESSES
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SASH-LOCK.

No. 887,420.

Specification of Letters Patent.

Patented May 12, 1908.

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To all whom it may concern:

Be it known that I, HERMAN NEUMANN, a citizen of the United States, 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, reference being had therein to the accompanying drawing.

My invention relates especially to devices employed for locking window sashes against movement, and has for its object the provision of a sash lock whereby both sashes may be locked in a closed position, or either or both open or partially open, preventing any movement of the sashes.

To attain the desired end my invention consists in a sash lock in which is comprised a base-plate adapted to be secured to a lower window sash, a pair of movable plates provided with jaws, pivoted to said base, and a screw pivotally connected to the base-plates; and my invention also involves certain novel and useful combinations or arrangements of parts and peculiarities of construction and operation, all of which will be hereinafter first fully described and then pointed out in the claims.

In the drawings, Figure 1 is a plan view of my sash fastener shown as applied to the lower sash of a window. Fig. 2 is a side elevation of the fastener. Fig. 3 is a horizontal sectional view at line *a-a* of Fig. 1. Fig. 4 is a plan view of a modified form of construction. Fig. 5 is a side elevation of a fragment of an upper window sash showing a metal plate applied thereto with which the teeth of the holding jaw may engage when it is desired to protect the wood of the sash from injury.

Like numerals of reference, wherever they occur, indicate corresponding parts in all the figures.

1 is a base-plate adapted to be secured to the lower sash of a window, requiring no cutting or fitting of any kind either of sash or window frame.

2 are plates pivoted to the base-plate at 3 and free to turn thereon.

4 are jaws, formed by turning the free extremities of the plates 2 at right angles, and 5 are teeth formed in the edges of the jaws.

6 are ears pivoted to the plates 2, also free to turn on their pivots.

7 is a screw, provided with a manipulating knob 8.

In the construction illustrated in Figs. 1, 2 and 3 of the drawing, the screw engages a thread in the outer or first ear, and rotatably engages the second or inner ear. In the modification of Fig. 4 the spindle of the knob 8 rotatably engages the first ear and is provided with an internal screw thread which engages the shank of the screw 7, the inner end thereof being turned downward and pivoted in the inner plate 2.

9 is the top rail of a lower window sash and 10 the upper sash.

11 is a metal plate which may be secured to the side rail of the upper sash.

12 is the window casing, 13 the inner stop, 14 the parting strip, 15 the sash cord, and 16 the outer stop.

No mechanical skill is required to apply my sash fastener, it being held in place by screws passing through the base-plate into the top rail of the lower sash. In operation, by turning the manipulating knob, the jaw-plates turn upon the pivots and the screw being pivotally connected to said plates, permits the jaws to be forced away from each other without binding the screw, and the inner jaw takes in the inner face of the stop 13, while the second jaw takes in the side rail of the upper sash, or in the notches of the plate secured thereto, effectually locking the sashes against movement and preventing any rattle. If it is desired to secure either or both sashes partially open, they are located at the desired point, and then the lock is operated, immovably securing both sashes as desired.

Having now fully described my invention, what I claim as new therein and desire to secure by Letters Patent, is:

1. A sash lock comprising a base-plate adapted to be secured to a lower sash, a pair of movable plates provided with jaws, pivoted to said base-plate, and a screw pivotally engaging the jaw-plates, substantially as shown and described.

2. A sash lock comprising a base-plate adapted to be secured to the top rail of a

lower sash, a pair of movable plates pivoted
on said base-plate, the free ends of said plates
terminating in jaws having serrated edges,
perforated ears pivoted to the jaw-plates,
5 and a screw engaging said ears and arranged
to operate substantially as shown and de-
scribed.

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

HERMAN NEUMANN.

Witnesses:

JOHN F. GALLAGHER,

JOSEPH BERGER.