

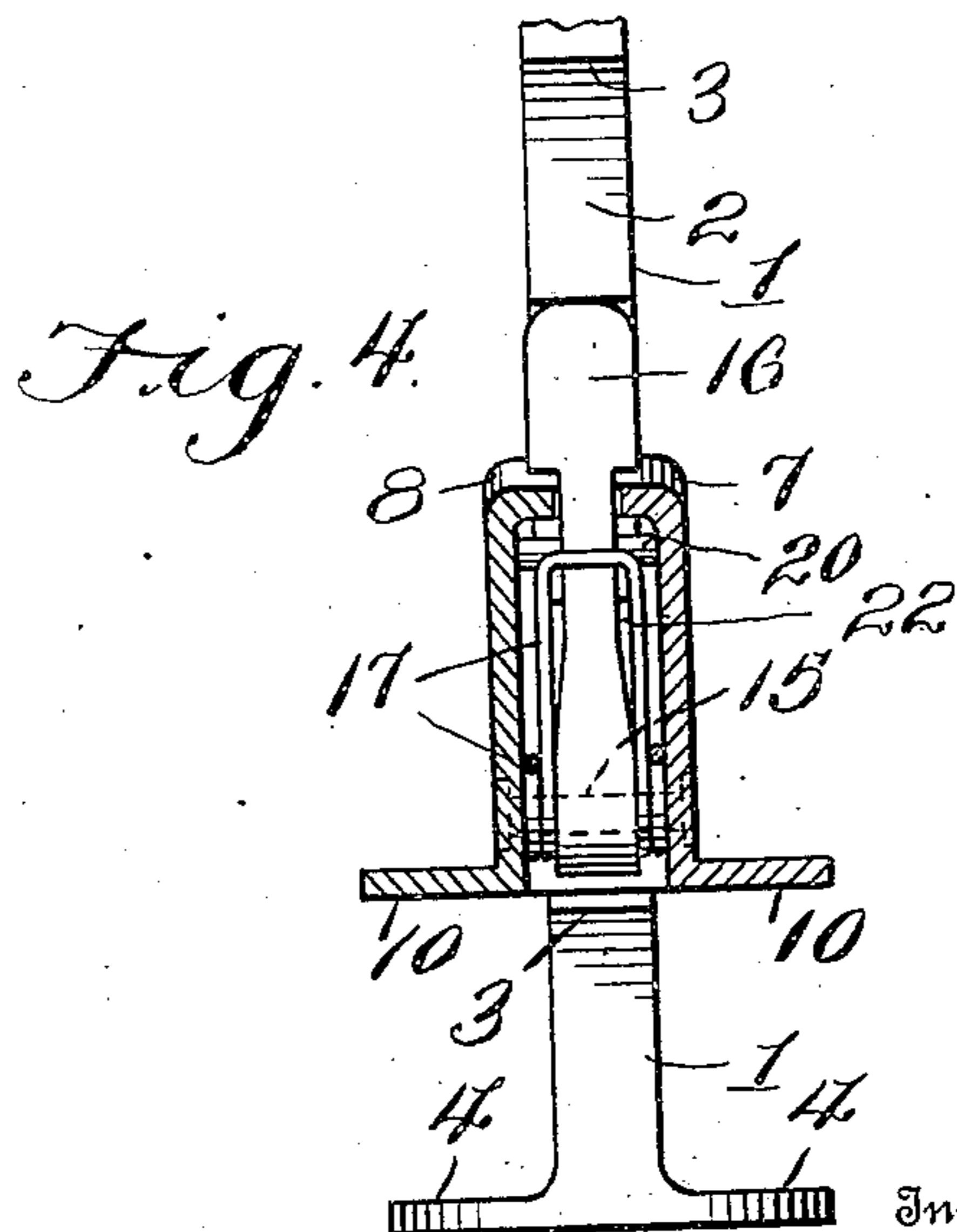
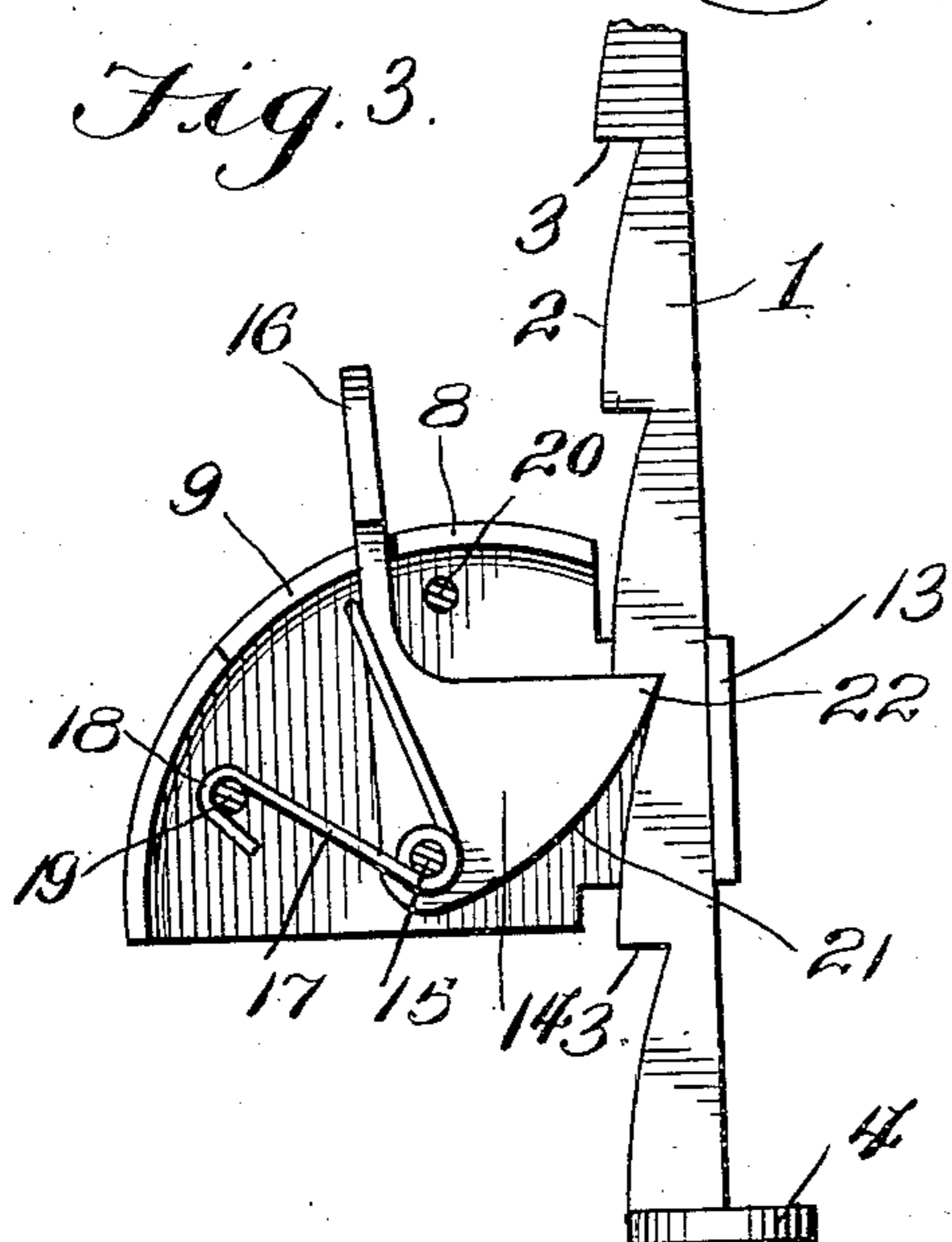
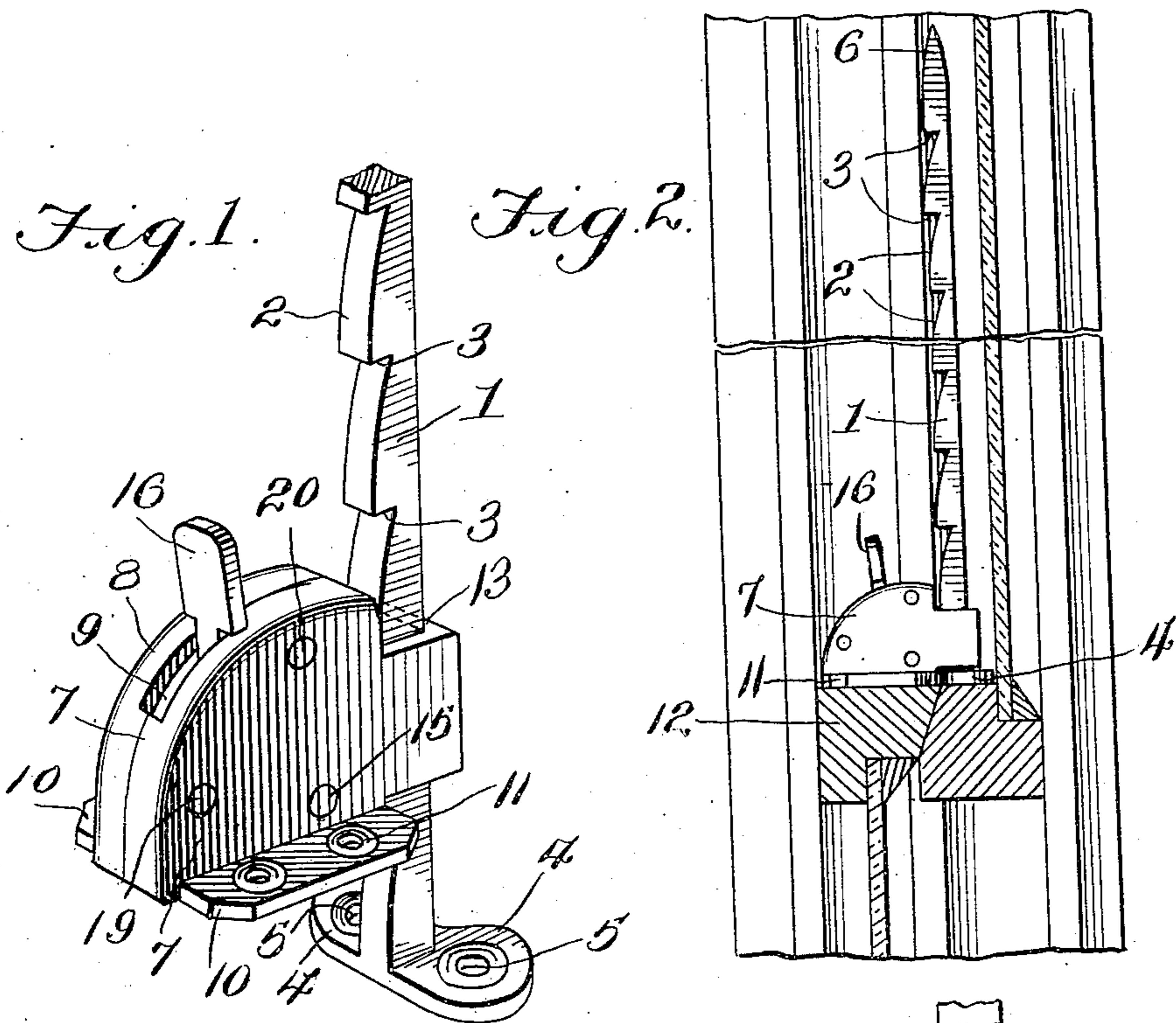
W. F. WEBBER.

SASH LOCK.

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915,001.



Witnesses

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UNITED STATES PATENT OFFICE.

WARDLEY F. WEBBER, OF DENVER, COLORADO.

SASH-LOCK.

No. 915,001.

Specification of Letters Patent.

Patented March 9, 1909.

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To all whom it may concern:

Be it known that I, WARDLEY F. WEBBER, a citizen of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented new and useful Improvements in Sash-Locks, of which the following is a specification.

This invention relates to sash locks, and one of the principal objects of the same is to provide a simple and efficient spring lock for holding the upper and lower sash in any adjusted position and for locking said sashes closed whenever desired.

Another object of the invention is to provide a sash lock which can be readily attached to sashes without requiring alteration in the window casing or sash and which will automatically hold said sashes either in adjusted or locked positions.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which,—

Figure 1 is a perspective view of a sash lock made in accordance with my invention and shown removed from the sash. Fig. 2 is a vertical sectional view of the midrails of a pair of sashes and showing my lock in position thereon. Fig. 3 is a vertical section through the lock, and showing the locking bar in elevation. Fig. 4 is a vertical sectional view taken at right angles to that shown in Fig. 3.

Referring to the drawing, the numeral 1 designates a rack bar provided with curved teeth 2 having abrupt shoulders 3, said bar being provided with feet 4 having screw holes 5 therein. The upper end of said lock bar is tapered, as shown at 6. This bar is adapted to be secured to the midrail of the upper sash, as shown in Fig. 2.

The spring lock comprises a casing consisting of two members 7 of like construction, each having a curved upper surface 8 provided with a slot or recess 9 and out-turned flanges 10 provided with screw holes 11 for securing said lock member to the upper midrail 12 of the lower sash. The casing members 7 are each provided with an angular lug 13, said lugs meeting centrally when the two members of the casing are secured together, and the lock bar 1 occupies a position immediately in front of said lugs. A latch 14 pivoted at 15 is provided with a finger hold 16, and a spring 17, preferably formed of wire in a single piece, is bent around the pintle 15 and bears at one end against the latch 14,

while the other ends are provided with hooks 18 connected to a pin or screw 19 which serves in connection with the pin 20 to hold the two sections 7 of the lock together. The latch 14 is provided with a curved lower surface 21 and a pointed end 22 designed to engage the shoulders of the lock bar 1, while the curved portion 21 is designed to ride upon the curved teeth 2 whenever the upper sash is lowered or the lower sash is raised.

The operation of my invention may be briefly described as follows:—Whenever it is required to slightly raise the lower sash or to lower the upper sash, the finger hold 16 is drawn back, and the sash members are adjusted. Whenever it is desired to lock the sash closed, they may be pushed to the proper position, and the latch 14 will automatically engage the lower tooth of the lower bar 1.

From the foregoing it will be obvious that my sash lock, while of simple construction, is strong, durable and efficient for its purpose, can be readily connected to any sash without alteration of any of the parts and can be readily operated to hold the sash in adjusted or locked positions.

I claim:—

1. A sash lock comprising a lock bar designed to be secured to the midrail of the upper sash, said lock bar being provided with teeth having abrupt shoulders, a locking member secured to the midrail of the lower sash, said locking member comprising a casing in two sections secured together to engage the lock bar, and a spring latch in the casing provided with a finger hold projecting through the casing.

2. A sash lock comprising a lock bar provided with teeth, means for securing said bar to a sash, a locking member comprising a casing through which said lock bar projects, means for securing said casing to a sash, a latch pivoted within the casing to engage the teeth of the lock bar, and a spring connected to the pivot pin of the latch and bearing against said latch, the opposite ends of said spring being hooked and engaged with a pin extending across the casing.

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

WARDLEY F. WEBBER.

Witnesses:

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CHARLES D. JOHNSON.