

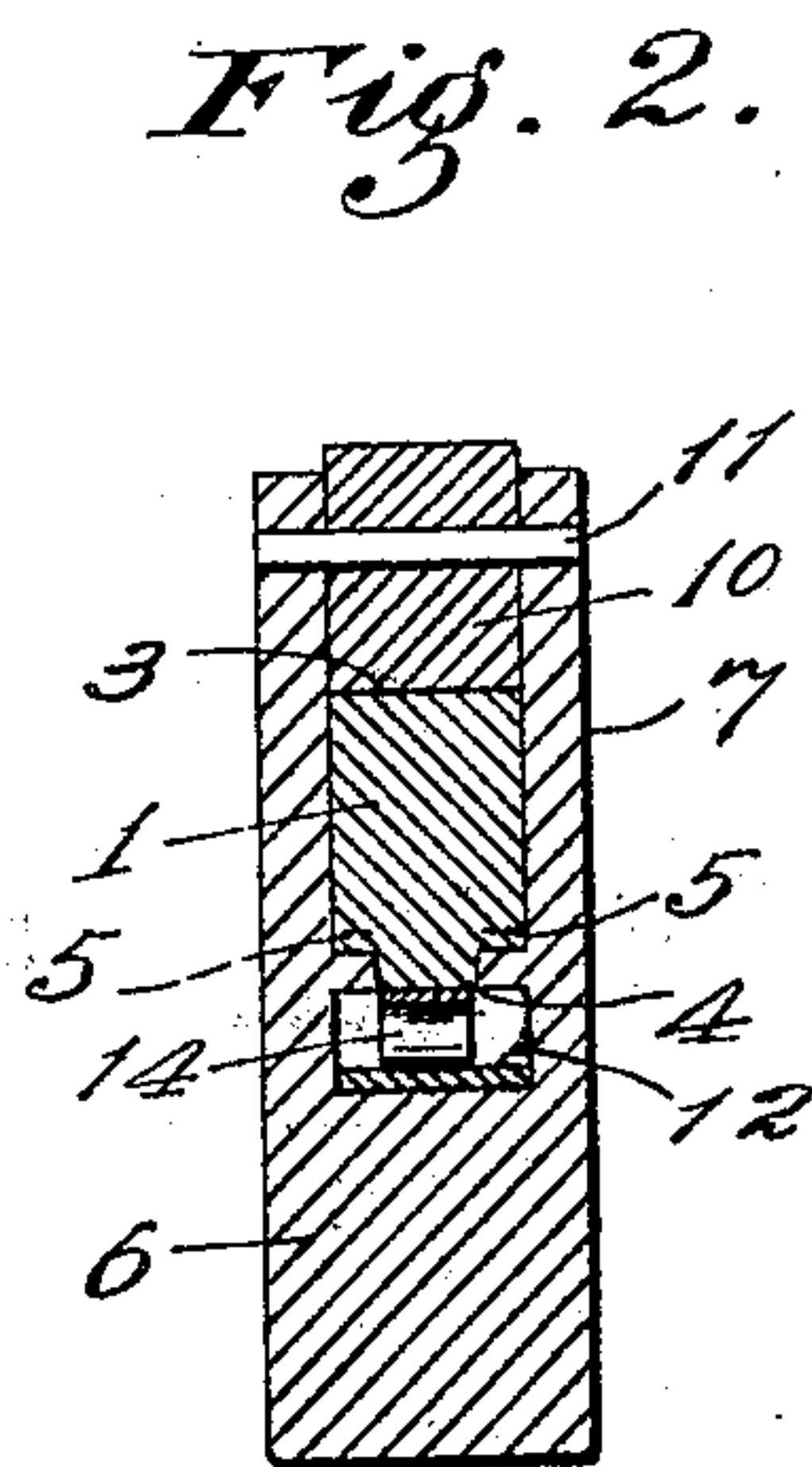
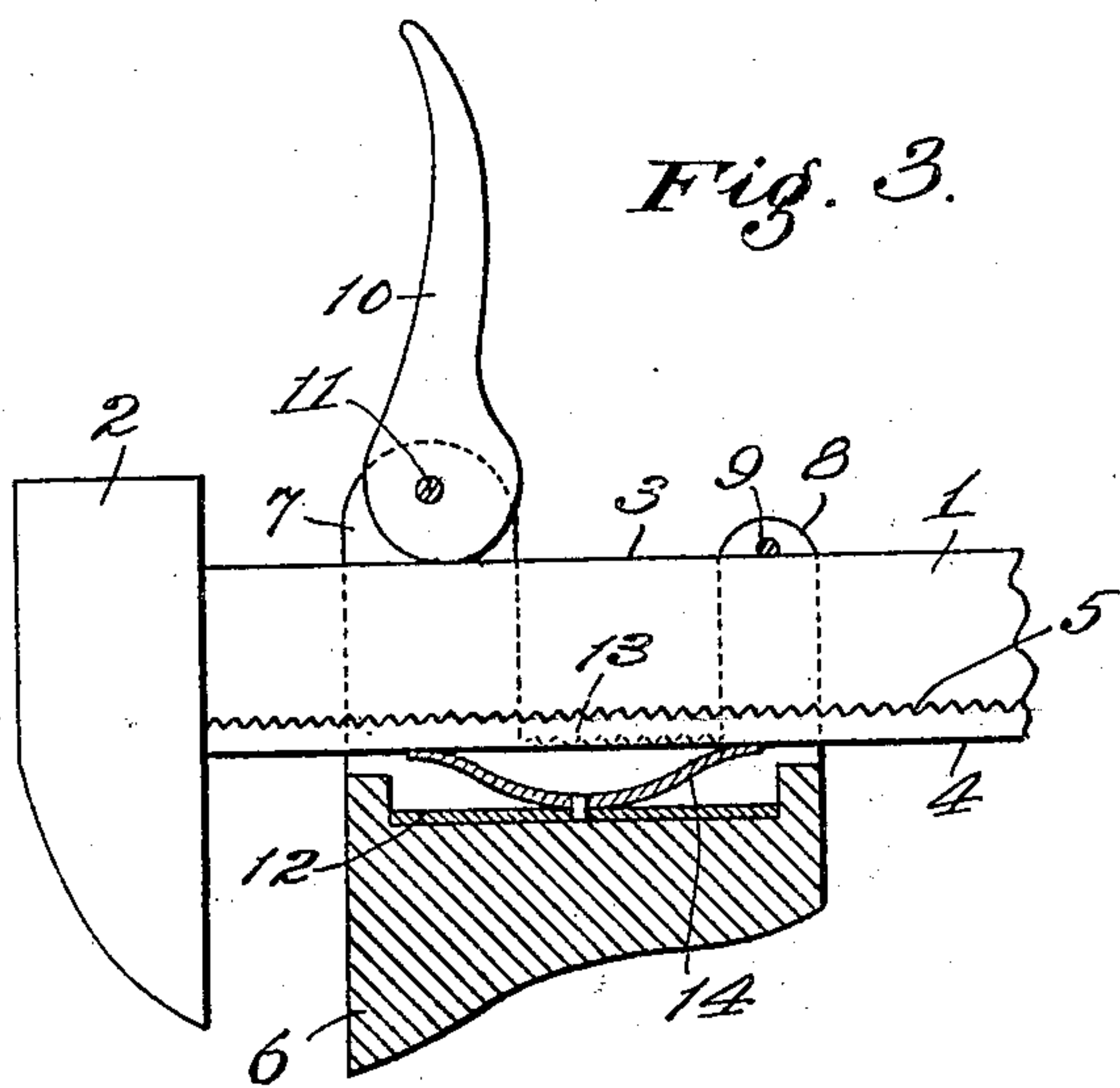
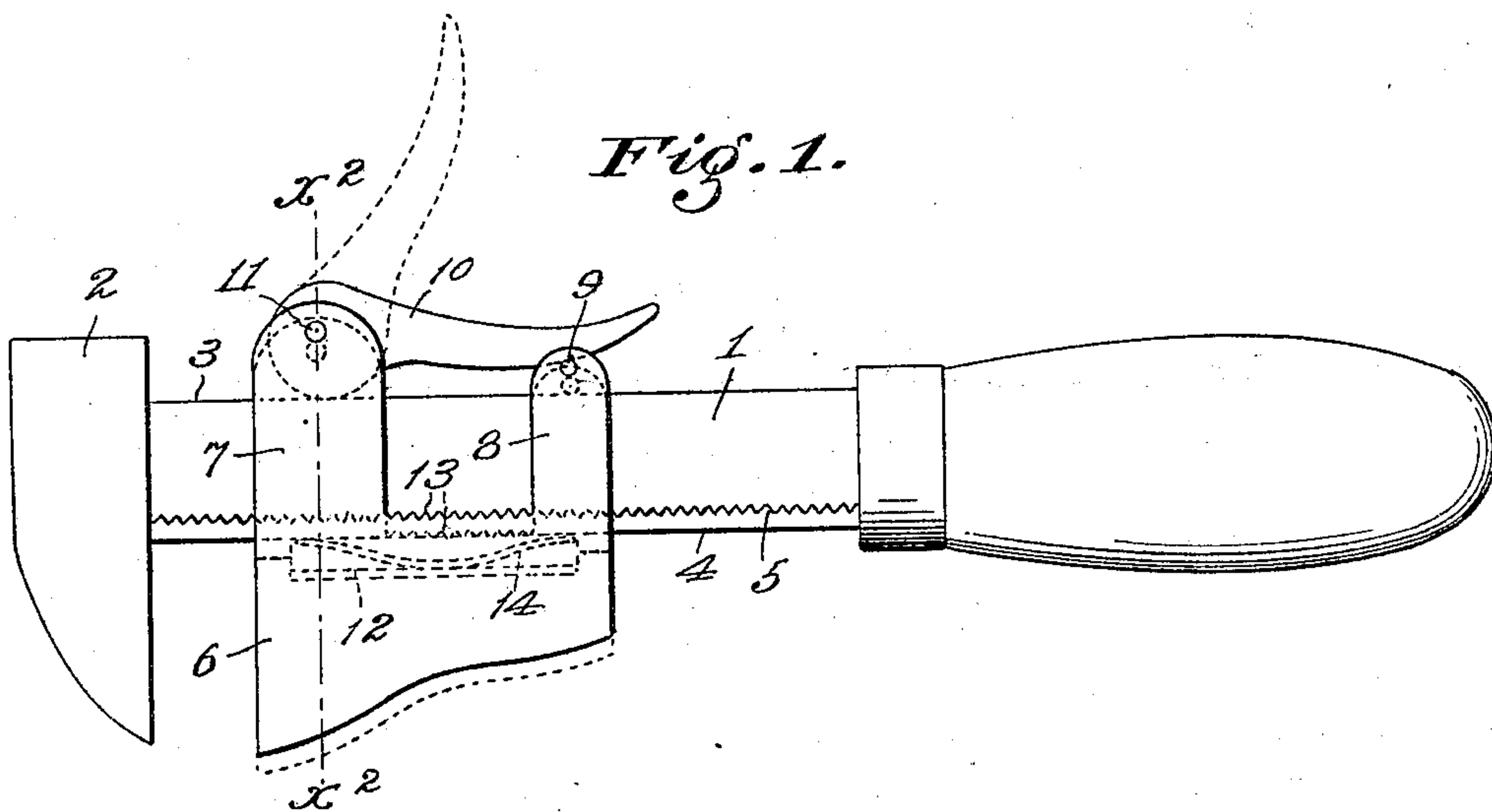
A. B. KING.

WRENCH.

APPLICATION FILED NOV. 6, 1906.

914,580.

Patented Mar. 9, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

AYLMER B. KING, OF LOS ANGELES, CALIFORNIA.

WRENCH.

No. 914,580.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed November 6, 1906. Serial No. 342,309.

To all whom it may concern:

Be it known that I, AYLMEER B. KING, a citizen of the United States, residing at the city of Los Angeles, county of Los Angeles, State of California, have invented a new and useful Wrench, of which the following is a specification.

My invention relates to a wrench in which a cam clutch and spring operate in conjunction with an adjustable jaw, that is slidably mounted on a bar which is provided at one end with a fixed head and is provided along one side with a guide in the form of a projecting rib with a ratchet face alongside said rib; said adjustable jaw being provided with teeth to engage said ratchet face and with portions to engage said rib, the cam clutch being pivoted to the adjustable jaw and engaging the bar on the side thereof opposite the ratchet face to overcome the spring and cause the teeth to engage said face.

The accompanying drawings illustrate the invention.

Figure 1 is a side elevation of a wrench embodying my invention. Fig. 2 is a section of same on line x^2-x^2 , Fig. 1. Fig. 3 is a fragmental sectional view. In Fig. 1 the solid lines show the movable jaw locked and dotted lines show it released.

1 designates the bar provided at one end with a fixed jaw 2 and provided with a smooth face 3 on one side and provided on the opposite side with a longitudinal rib 4 forming a guide and also provided with serrations 5 alongside said rib on each side thereof. 6 designates the adjustable jaw mounted to slide along said bar and held thereon by the arms 7, 8, which embraces the bar 1.

9 designates a rivet through the arms 8; 10 designates a cam fastened by rivet 11 to the arms 7 and arranged to engage the smooth face 3 of the bar.

12 is a spring seat in the jaw 6 and 13 designates teeth on said jaw to engage the serrations 5 of the bar.

14 designates a spring mounted in the spring seat 12 of the jaw and arranged to engage the smooth rib 4 and to slide therealong.

In practical use when the cam is thrown into one position the spring releases the adjustable jaw and slides freely along the rib. When the cam is thrown into the position shown in solid lines in Fig. 1, the teeth are brought into engagement with the serrated faces 4, thus firmly holding the jaw in that position.

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

A wrench comprising a bar provided at one end with a jaw, and provided on the opposite side with a smooth longitudinal rib forming a guide, and with serrations alongside said rib; an adjustable jaw mounted to slide along said bar and provided with teeth to engage said serrations, and with a seat for a spring, a spring in said seat to engage the face of said rib, to hold the jaw in position with the teeth disengaged, and a cam pivoted at the end of the jaw nearest the head of the jaw to engage the smooth face of the bar to move the adjustable jaw against the pressure of the spring to cause the teeth to engage.

AYLMER B. KING.

Witnesses:

G. W. PEARSON,
J. R. KERNS.