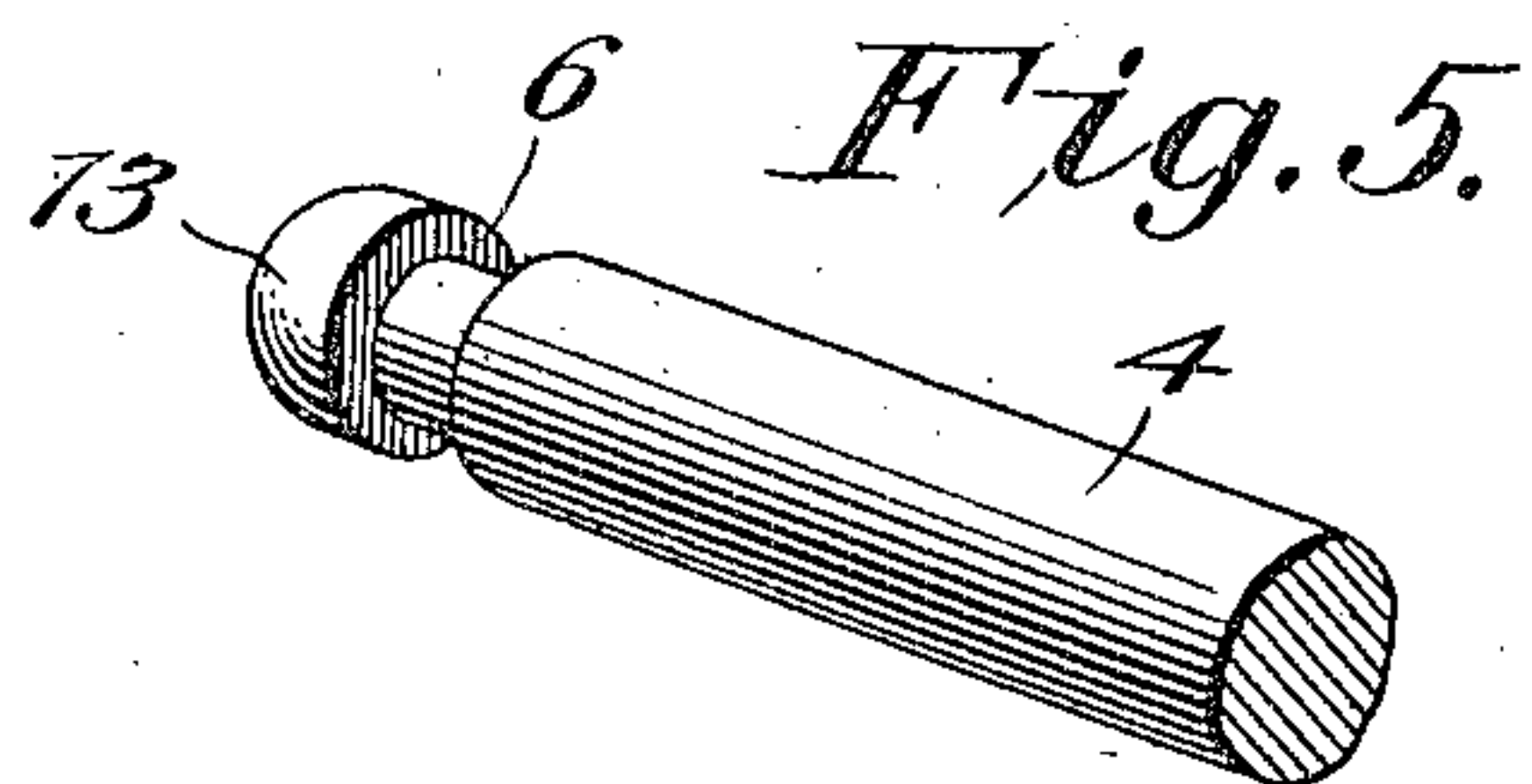
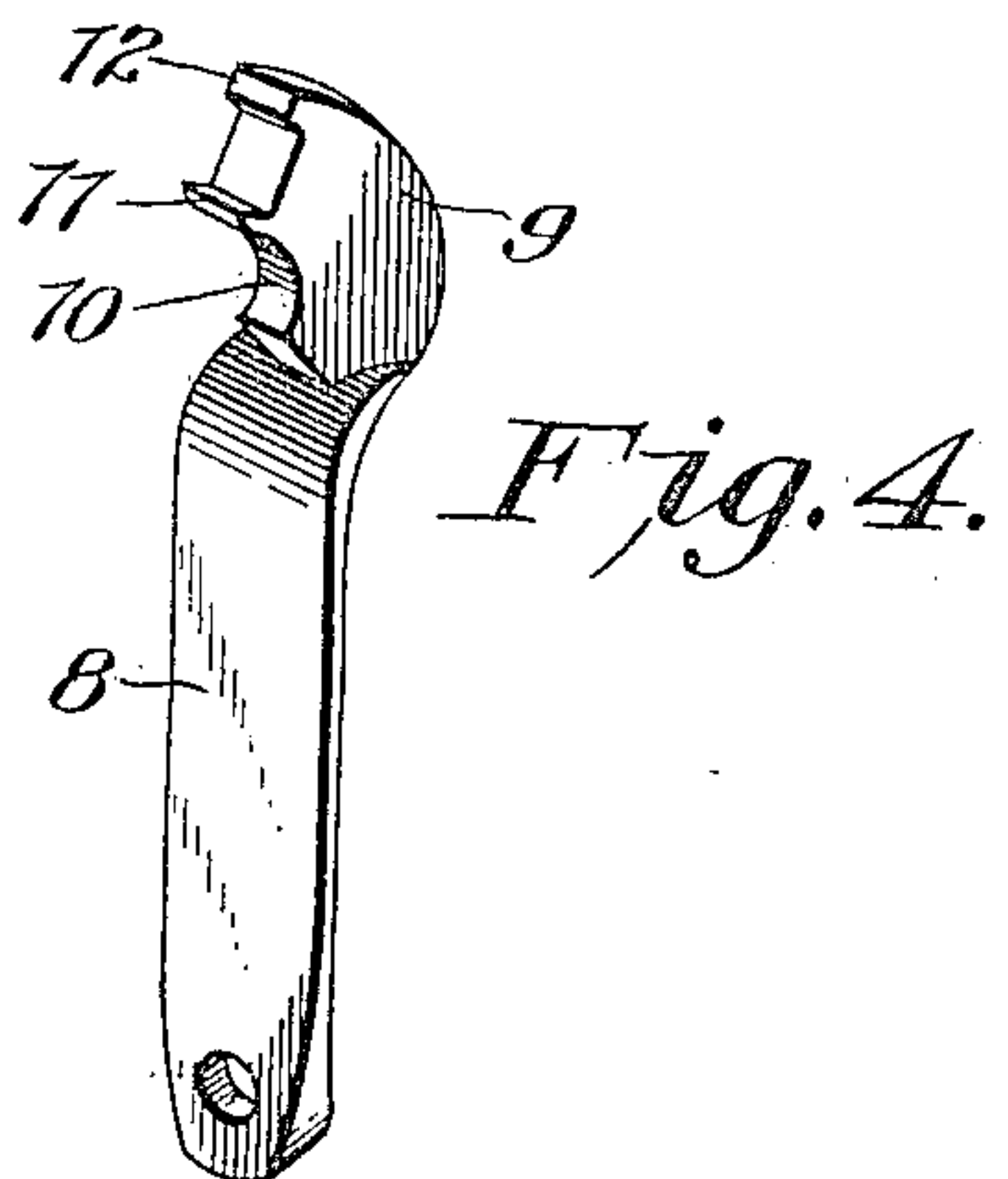
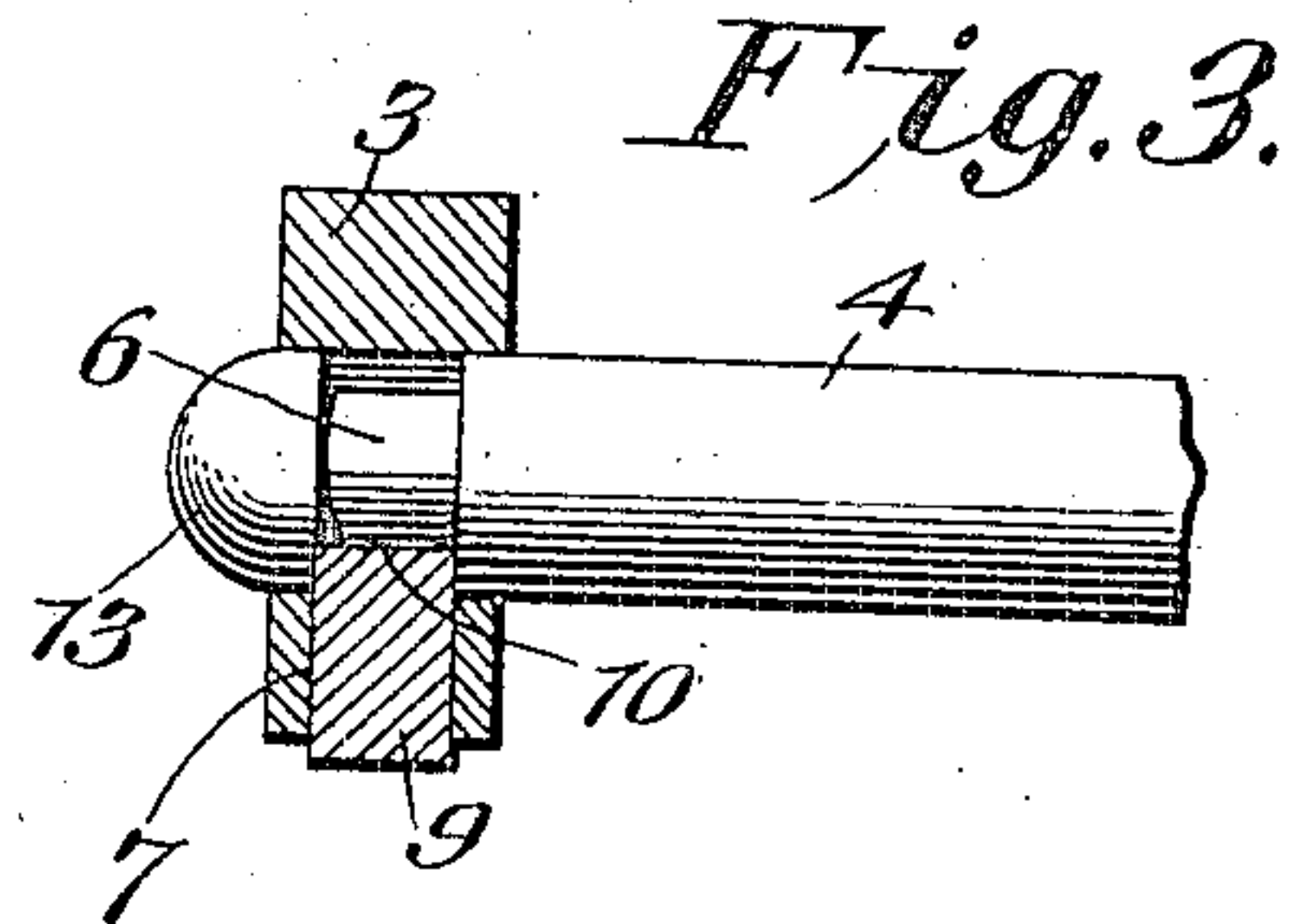
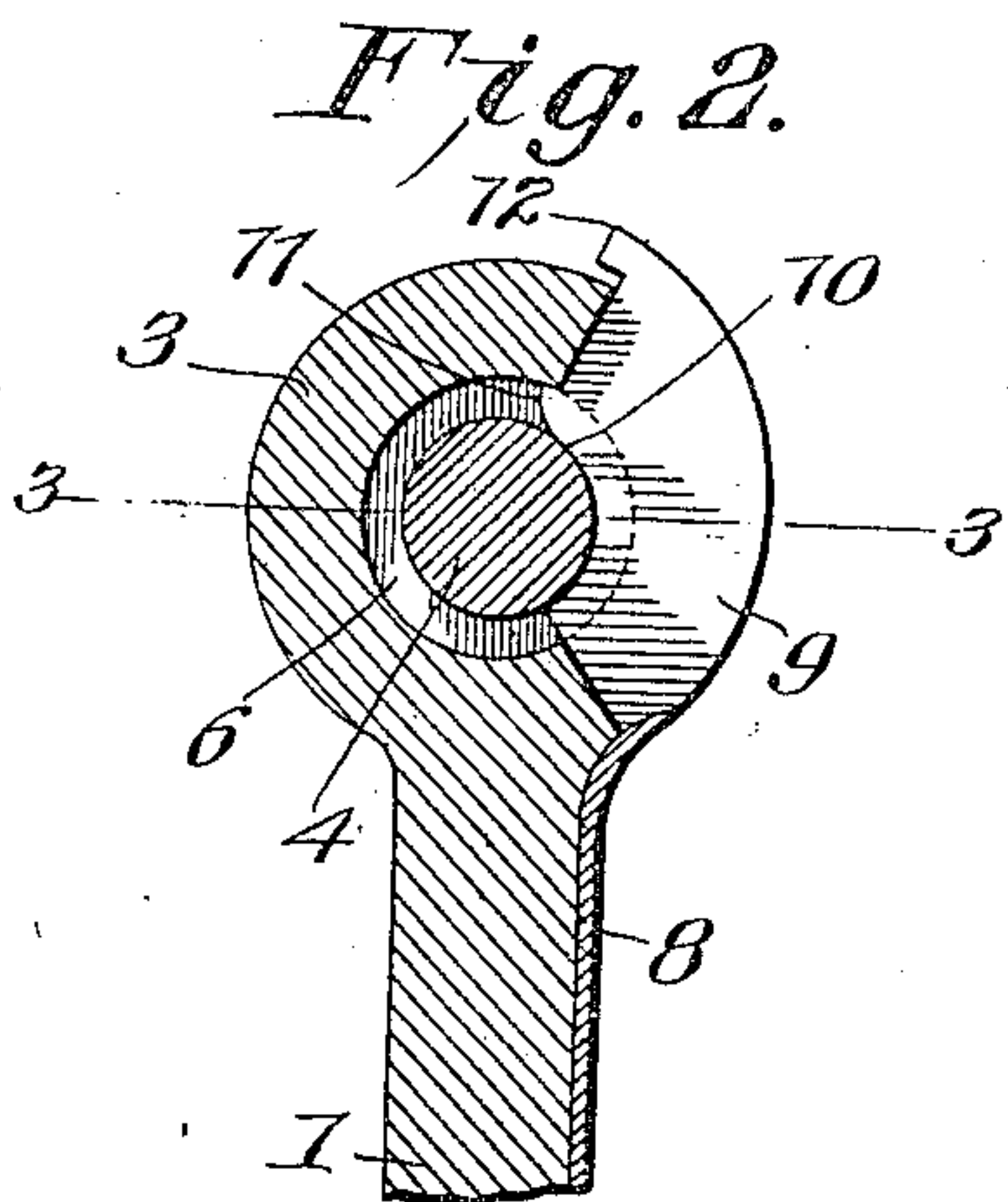
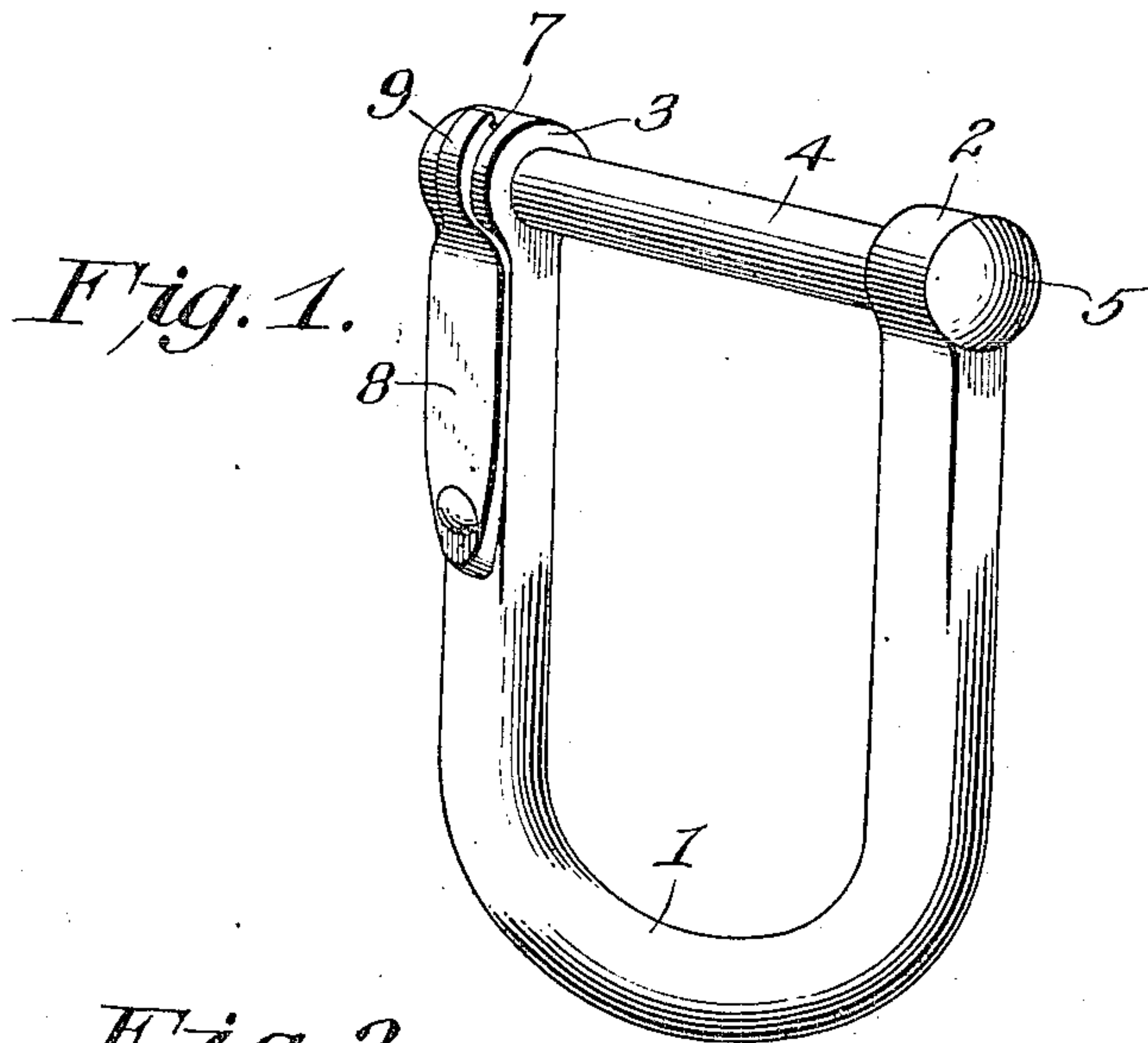


No. 831,600.

PATENTED SEPT. 25, 1906.

W. E. BURROW.  
CLEVIS.

APPLICATION FILED APR. 11, 1906.



Inventor

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Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM E. BURROW, OF OPHIR, OREGON.

## CLEVIS.

No. 831,600.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed April 11, 1906. Serial No. 311,106.

*To all whom it may concern:*

Be it known that I, WILLIAM E. BURROW, a citizen of the United States, residing at Ophir, in the county of Curry and State of Oregon, have invented certain new and useful Improvements in Clevises; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in clevises, and more particularly to that class adapted to be used in connection with farm machinery, such as plows, harrows, and the like; and my object is to provide a locking device whereby the pin connecting the two arms of the clevis will be held securely in place and free to rotate.

Other objects and advantages will be hereinafter referred to in the specification and pointed out in the claim.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a perspective view of my improved clevis complete. Fig. 2 is a detailed sectional view thereof through that part of the clevis containing the locking mechanism. Fig. 3 is a transverse sectional view as seen from the dotted line 3 3, Fig. 2. Fig. 4 is a perspective view of the locking mechanism removed from the clevis, and Fig. 5 is a detail perspective view of one end of the clevis-pin.

Referring to the figures by numerals of reference, 1 indicates a clevis which is of the usual or well-known form, said clevis having circular heads 2 and 3 at the outer ends thereof, said heads being provided with registering bores therein, through which is adapted to take a clevis-pin 4, said pin having a head 5 at its upper end and provided near its lower end with a groove 6. The head 3 is provided with a slotted opening 7, said slotted opening intersecting the bore in the head 3 and in a line with the circumferential groove 6 when the pin is placed in said bores.

Secured to the clevis 1 in any preferred manner is a spring-arm 8, said arm having at its free end a head 9, said head resting in the slotted opening 7 and having a curved inner

face 10, said face 10 entering the groove 6 and serving to lock the pin 4 securely in the clevis. The free end of the head 9 is provided with a lip 11, said lip being a continuation of the curved inner face 10, while the upper edge of the head 9 is provided with an overhanging projection 12, said projection being so arranged that it can be utilized to raise the head 9 and disengage the curved inner face 10 from the groove 6, and the object of the lip 11 is to engage the lower edge of the slotted opening 7, so that it will require a smart pull to disengage said lip and elevate head 9, thereby preventing the casual removal of the face 10 from the groove 6.

By this construction it will be seen that when the clevis-pin has been pushed through the bores in the circular heads 2 and 3 the rounded end 13 of the pin will readily displace the head 9 and allow the extreme lower end of said pin to pass therethrough. As soon, however, as the groove 6 registers with the head 9, the curved face 10 will be directed into said groove and hold said pin from longitudinal movement. The pin will, however, be left free to rotate, owing to the fact that the groove 6 is extended around the entire circumference of the pin 4.

What I claim is—

A device of the class described comprising a clevis proper having heads at its ends, registering bores in said heads, a locking-pin adapted to enter said bores, said pin having a circumferential groove near its lower end; in combination with a locking mechanism secured to said clevis comprising a spring-arm, a head secured to said arm and adapted to enter a slotted opening in one of the circular heads, the curved inner face of said head adapted to enter said groove, a lip on said head, and an overhanging projection integral with said head and on the outside of the circular head.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM E. BURROW.

Witnesses:

C. L. WAKEMAN,  
W. S. MILLER.