

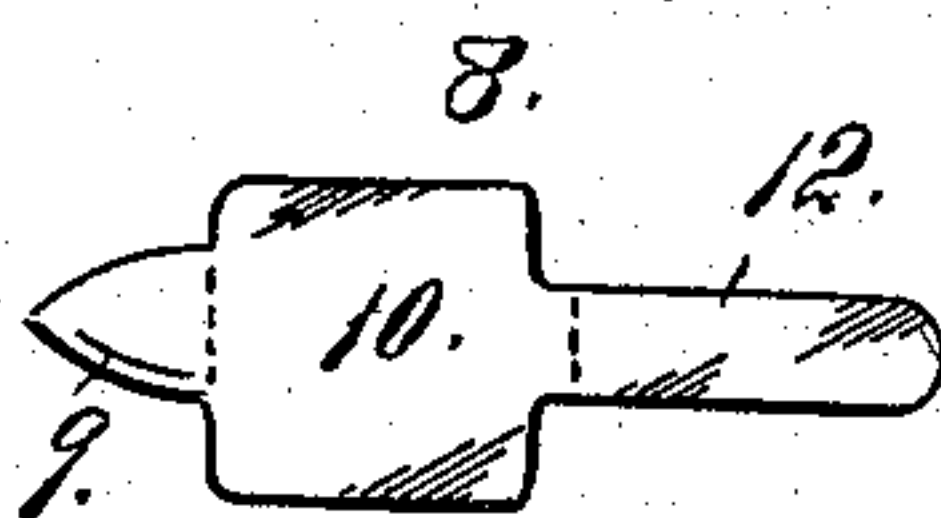
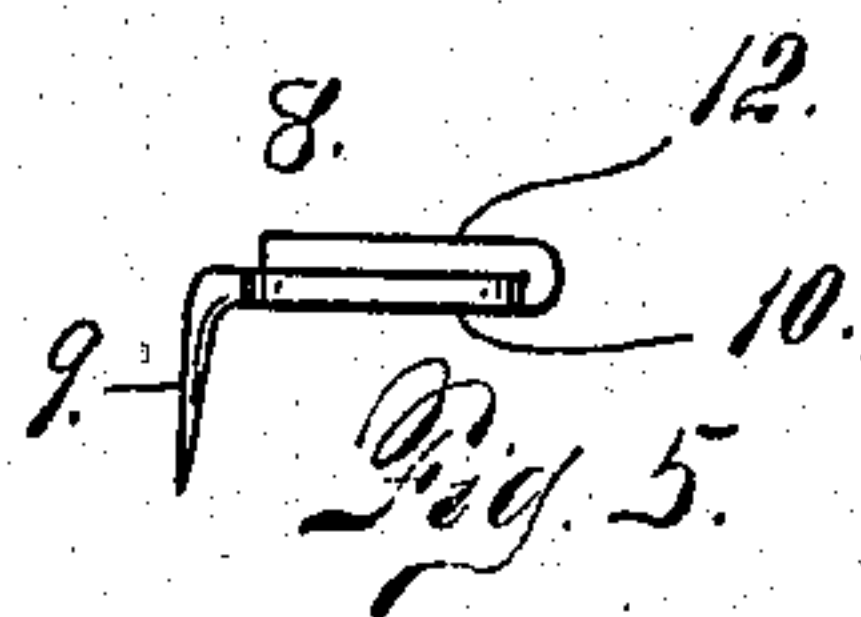
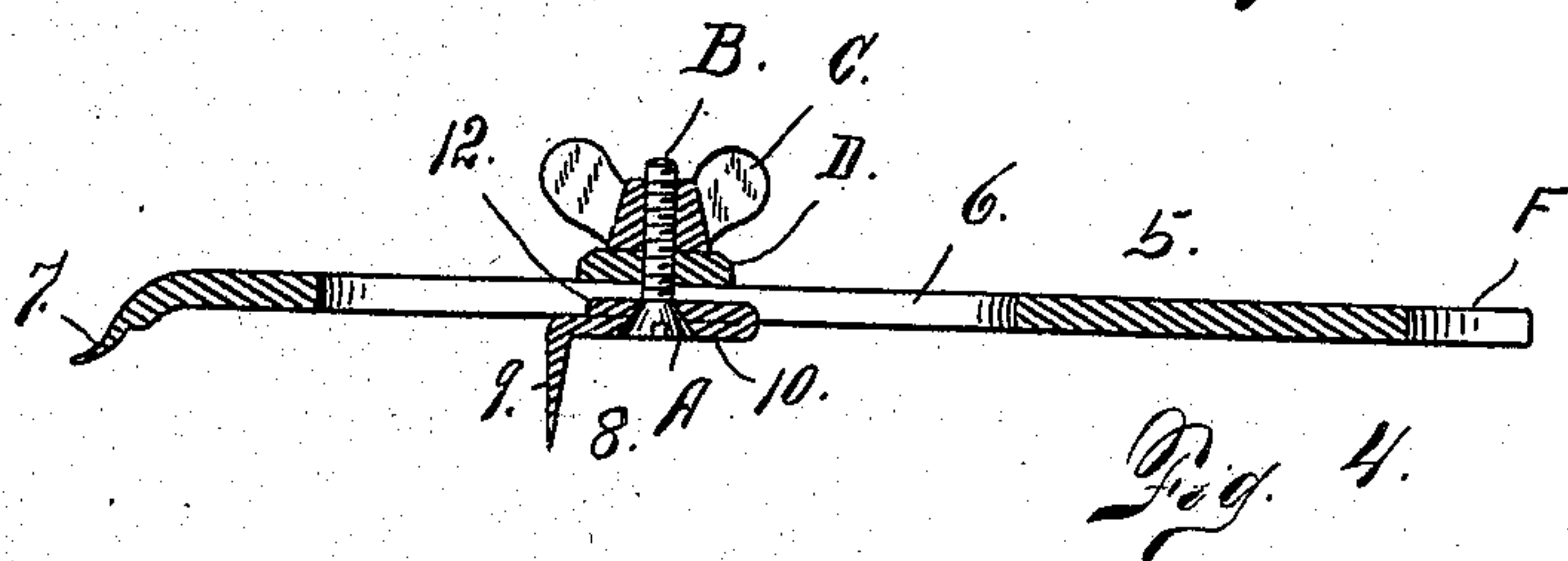
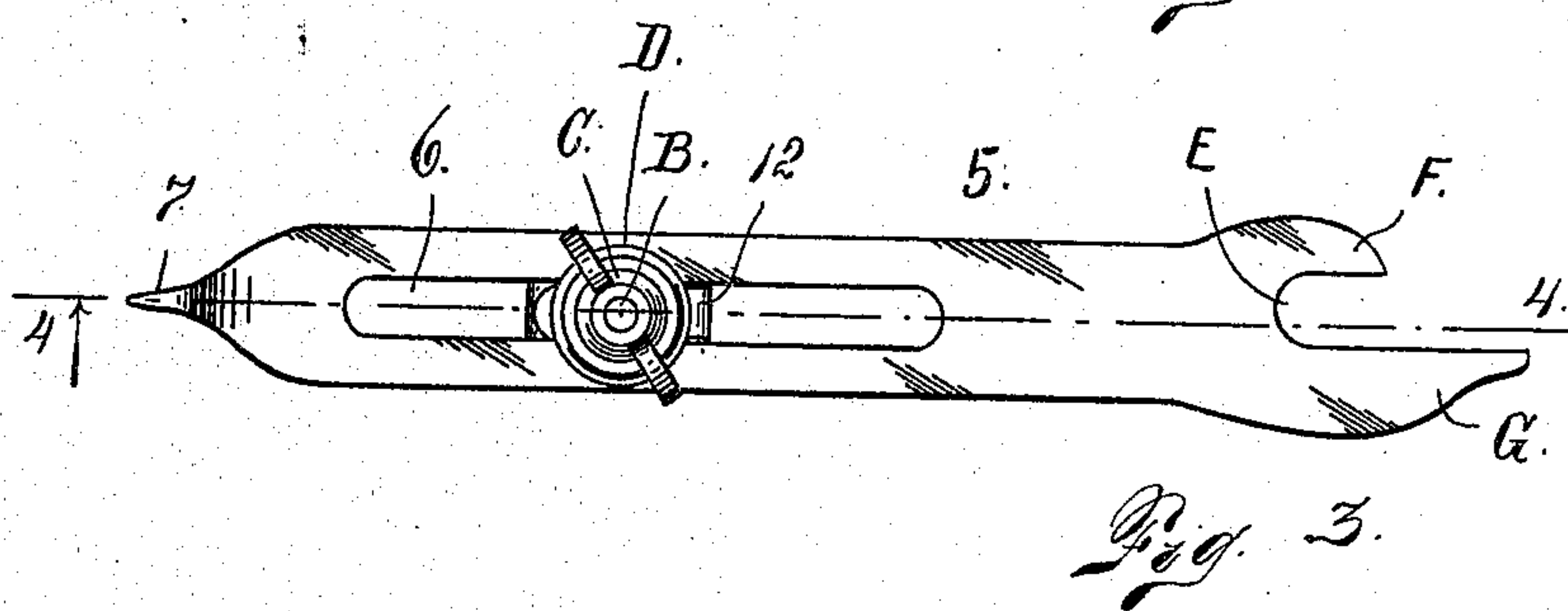
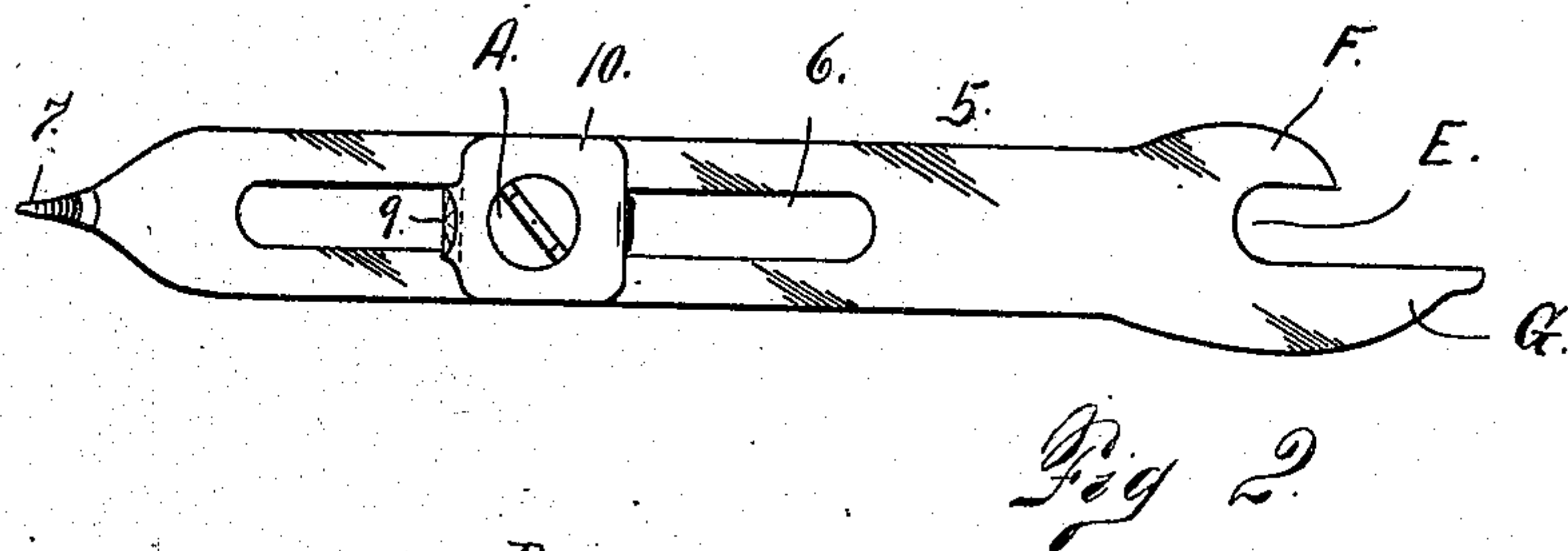
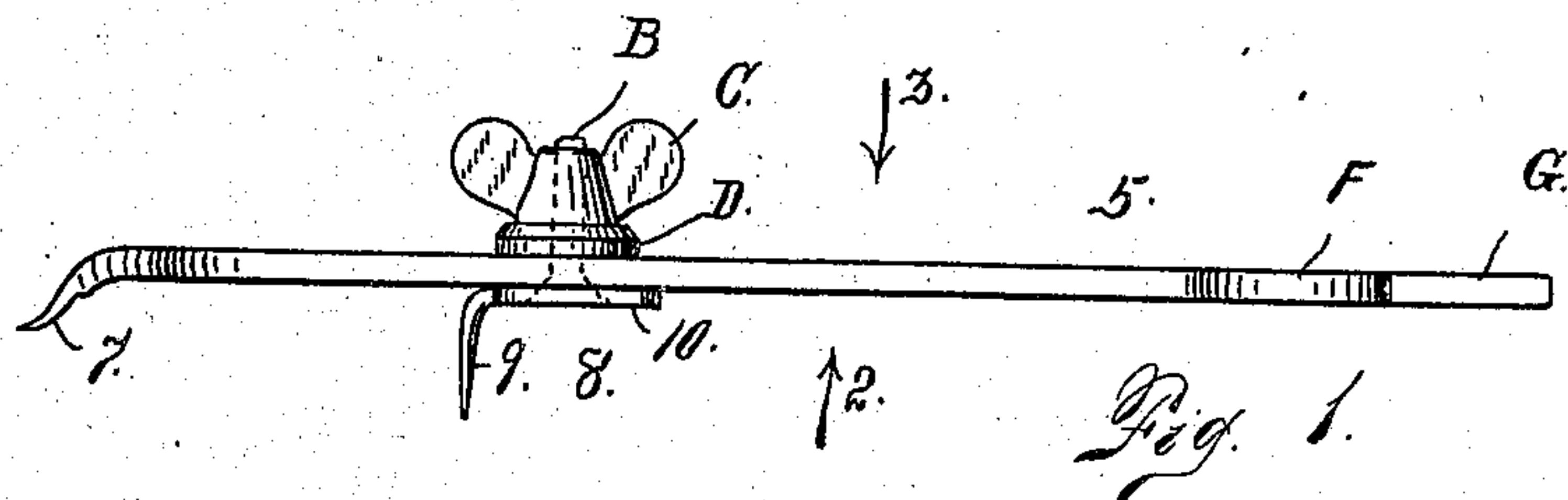
No. 885,686.

PATENTED APR. 21, 1908.

F. CANFIELD.

CAN OPENER.

APPLICATION FILED MAY 10, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

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CAN-OPENER.

No. 885,686.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed May 10, 1906. Serial No 316,152.

To all whom it may concern:

Be it known that I, FRANK CANFIELD, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Can-Openers; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in combination tools.

This invention consists of a combined can opener and bottle cap remover, which will be fully understood by reference to the accompanying drawing in which,

Figure 1 is a side elevation of the device. Fig. 2 is an underneath view of the same or a view looking in the direction of arrow 2 in Fig. 1. Fig. 3 is a top plan view of the same or a view looking in the direction of arrow 3 in Fig. 1. Fig. 4 is a central longitudinal section or a section taken on the line 4—4 Fig. 3 looking in the direction of the arrow. Fig. 5 is a detail view of the slidable can opening knife employed in connection with the device. Fig. 6 is a top view of the knife before its completion or before the bending of the portion of it over upon its body part to form a tongue which slides in a slot in the body of the tool.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the body of the tool which consists of a plate having a longitudinal slot 6. One extremity of this body part is reduced and bent downwardly forming a comparatively pointed member 7 adapted to pierce the center of the can cap a portion of which is to be removed. Slidably mounted in the slot 6 of the body of the tool, is a knife member 8 consisting of a downwardly-projecting cutter 9, a plate 10 and a reinforcing part 12 occupying a position on top of the plate and forming a tongue adapted to slide freely in the slot 6. Countersunk in the knife member 10 and the tongue 12 is the head A of a screw whose threaded shank is designated B. This shank passes through the slot and threaded thereon is a thumb nut

C. Between the thumb nut and the body of the tool is a washer D. The knife plate member 10 and the washer engage the opposite sides of the slot while the tongue 12 is fashioned to fit the slot which forms a guide for the knife. The thumb nut when tightened locks the knife in any position of adjustment on the slotted portion of the tool body. By loosening the thumb nut, the knife may be adjusted to occupy any desired position according to the size of the can to be opened or of the radius of the arc which the cutter part 9 is to describe during the cutting operation.

The extremity of the body of the tool opposite the brad 7, is provided with a slot E on opposite sides of which are parts F and G. The part G extends considerably beyond the point F. This extremity of the tool is adapted for removing the caps of bottles. During this operation the member F engages the edge of the cap while the outer extremity of the member G engages the cap on top and forms a sort of fulcrum. Then as the body of the tool is raised, the member F pulls the edge of the cap off from the top of the bottle.

From the foregoing description the use and operation of my improved device will be readily understood and need not be further described in detail.

Having thus described my invention, what I claim is:

A can opener comprising a plate slotted intermediate its extremities, one of its extremities having a downwardly bent pointed portion adapted to enter the can to be opened, a knife slidable in the slot and having a downwardly extending cutter, and a body part provided with a reinforcing member bent thereupon to form a tongue adapted to enter and slide in the slot of the body of the tool, the body of the knife overlapping the slot, a screw whose head is countersunk in the body of the knife, a thumb nut applied to the screw on the opposite side of the body of the tool, and a washer interposed between the thumb nut and the body of the tool.

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

FRANK CANFIELD.

Witnesses:

DENA NELSON,
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