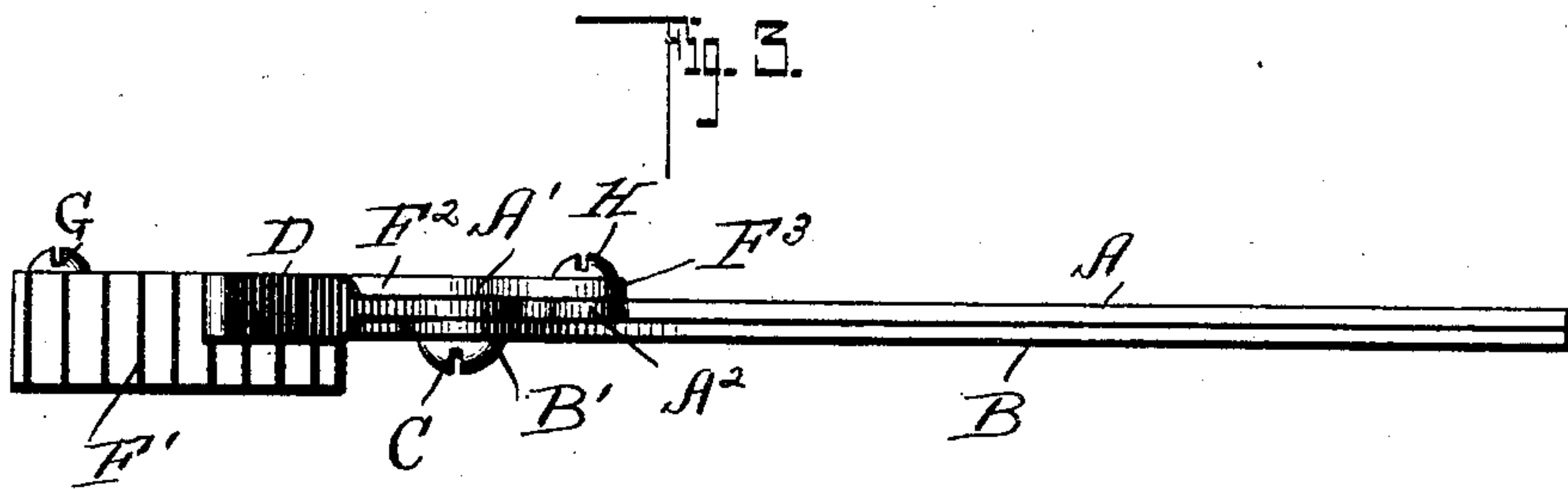
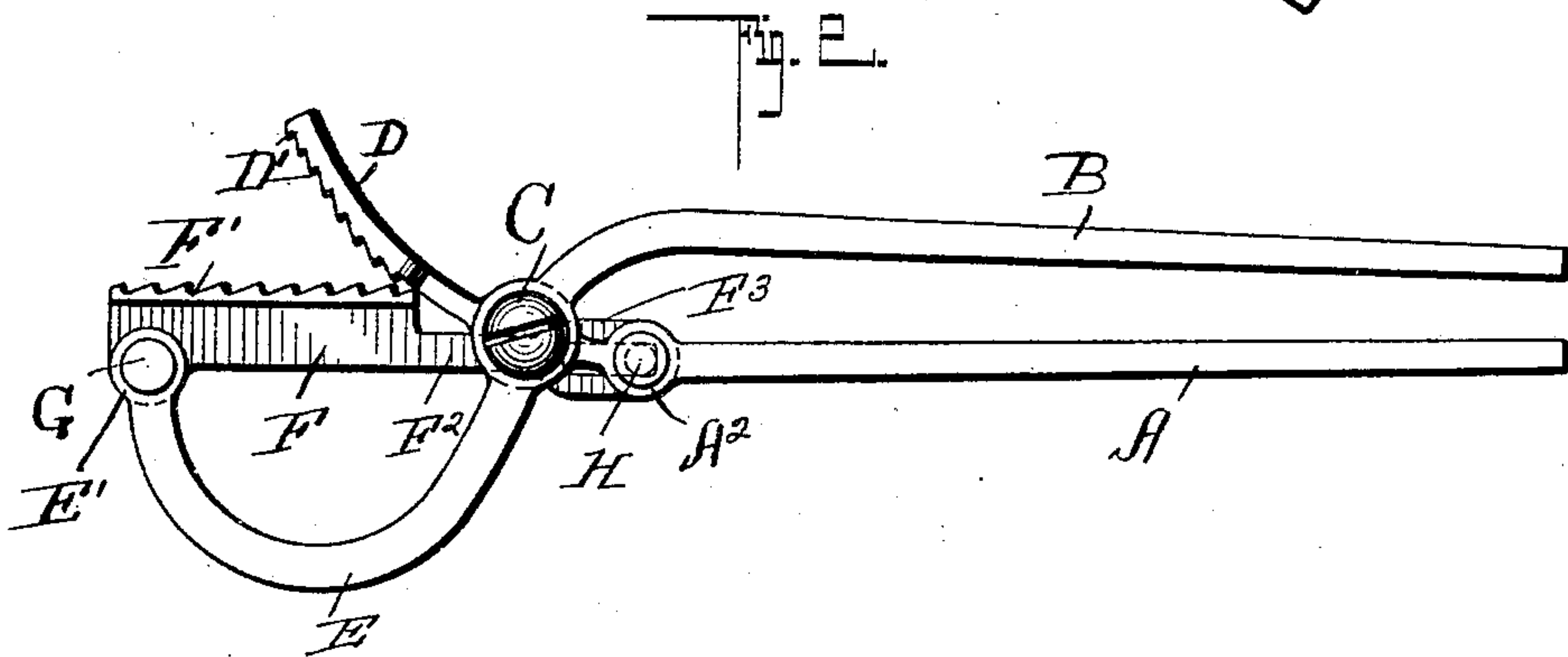
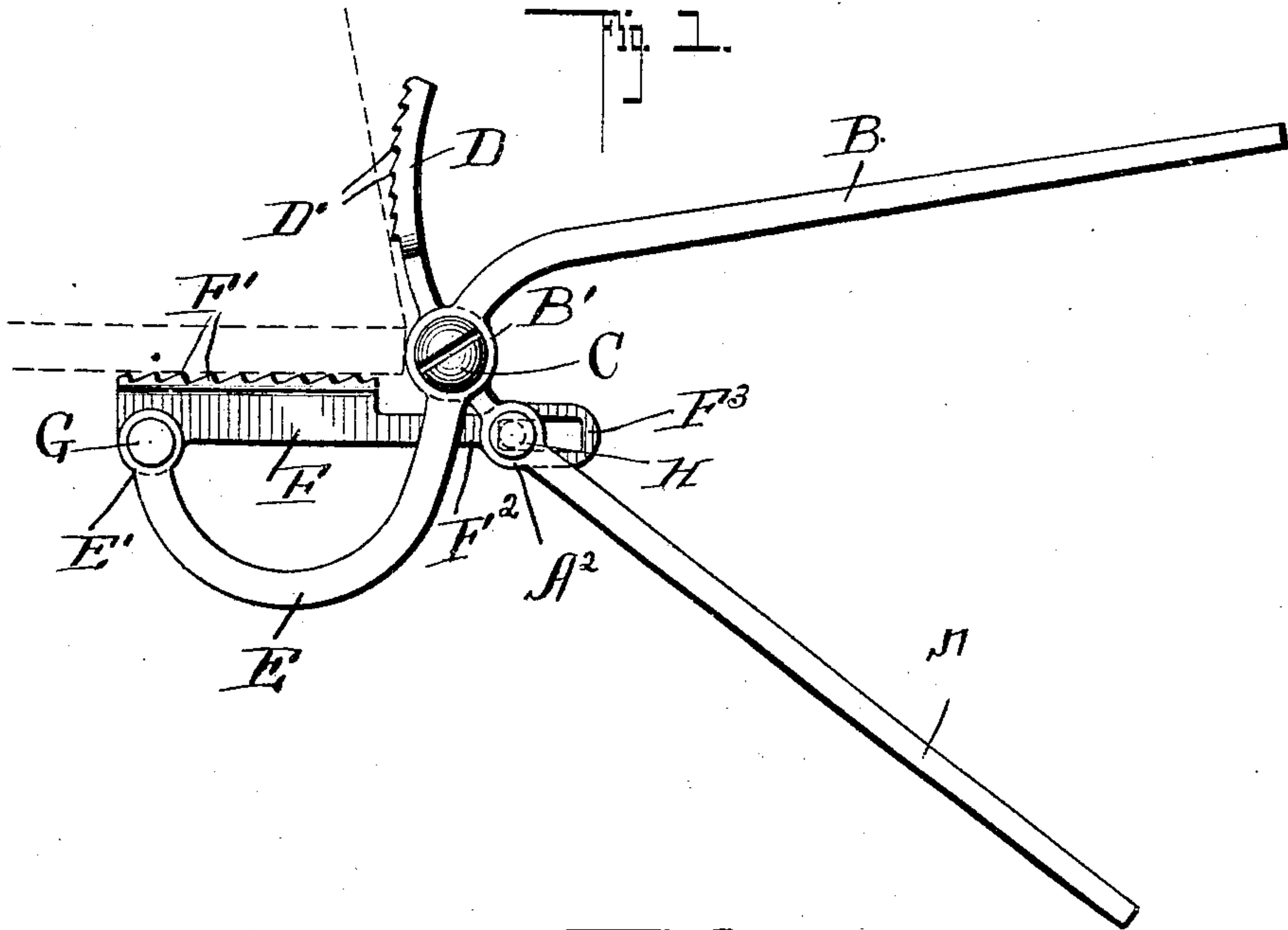


G. B. MERSHIMER.
HORSESHOE NAIL CLENCHER.
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GEORGE B. MERSHIMER, OF NEW CASTLE, PENNSYLVANIA.

HORSESHOE-NAIL CLENCHER.

No. 929,967.

Specification of Letters Patent.

Patented Aug. 3, 1909.

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To all whom it may concern:

Be it known that I, GEORGE B. MERSHIMER, a citizen of the United States, residing at New Castle, in the county of Lawrence and State of Pennsylvania, have invented a new and useful Improvement in Horseshoe-Nail Clenchers, of which the following is a specification.

This invention relates to horseshoe nail clenchers for clenching the nail after it has been driven through the hoof, the object being to provide a tool which is so constructed that it can be readily placed in position to clench a nail and one which will clench the nail in such a manner that all danger of the nail coming out is prevented.

Another object of my invention is to provide a nail clencher which is exceedingly simple and cheap in construction and one which is composed of a very few parts which are so connected that they are not likely to get out of order in use.

A further object of the invention is to provide a nail clencher which is composed of a pair of handles pivotally connected together, one of said handles having a jaw formed on its end and the other handle being provided with a curved portion to which is connected a pivoted jaw which is loosely connected to the first mentioned handle whereby a wiping action is imparted to the rigid jaw when the handles are brought together so as to thoroughly clench the nail.

A still further object of the invention is to provide a nail clencher with jaws which are so arranged and connected that in use one of the jaws will be held in a horizontal position against the head of the nail and the other will extend up alongside of the hoof over the nail, said jaw being curved so that when the handles are drawn together, it will be drawn downwardly over the point of the nail.

With these various objects in view, my invention consists in the novel features of construction, arrangement and combination of parts hereinafter fully described, pointed out in the claims and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved nail clencher showing it in position on the foot of an animal. Fig. 2 is a side elevation of the same in a closed position. Fig. 3 is a top plan view of the same.

In carrying out my improved invention, I employ a pair of handles A and B provided

with enlarged portions A', B' which are pivotally connected together by a pivoted member C which is secured within the enlarged portion B'. The end of the handle B is provided with a curved jaw D having teeth D' formed on its face as clearly shown and adapted to engage the point of the nail as will be hereinafter fully described. The end of the handle A is provided with a bowed portion E having an enlarged apertured end E' to which is pivotally connected a jaw member F by a pivot member G, the jaw member F being provided with a laterally projecting jaw face F' which is provided with teeth and is adapted to be held up against the head of the nail as clearly shown in Fig. 1 when the jaws are in an open position. The jaw member F is provided with a shank portion F² having an enlarged slotted end F³ which is slidably mounted on a screw H secured in an enlarged apertured portion A² of the handle A and it will be seen that when the jaws are drawn together, a wiping motion will be imparted to the curved jaw so as to cause the same to pass down over the point of the nail and clench the same.

I am fully aware that nail clenchers comprising a pair of handles having rigid jaws at their ends have been used before, but these nail clenchers do not clench the nail thoroughly as when the jaws are brought together a wedging motion is imparted to the same which forces the nail back into the hoof and does not turn the same in the same manner as mine as when the jaws of my device are brought together by the sliding movement of the jaw a wiping action is imparted to the curved jaw so as to cause the point to be turned before the wedging action takes place. It will be seen that by this arrangement when the device is in the position as shown in Fig. 1 and the handles are brought together, the pivoted jaw F will be forced to move forward along the bottom of the shoe so as to cause the rigid jaw to be drawn down over the point of the nail in such a manner that all danger of the nail being forced back into the hoof or the hoof injured in any way is prevented.

From the foregoing description, it will be seen that I have provided a nail clencher with a rigid jaw and a pivoted jaw which are so connected together that when the handles are operated a wiping action is imparted to the rigid jaw.

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

1. The combination with a pair of handles 5 pivotally connected together, one of said handles being provided with a bow portion and the other with a curved serrated portion, a jaw member pivotally mounted on the end of the bowed portion provided with a later- 10 ally projecting jaw face having teeth, a shank extending rearwardly from said jaw member having an enlarged slotted end and a screw carried by the handle with the curved portion working in said slot.

15 2. A horseshoe nail clencher comprising a pair of cross handles pivotally connected together, one of said handles being provided with a curved jaw at its end provided with teeth, a curved portion formed on the end of 20 the other handle, a jaw pivotally connected

to the end of said curved portion provided with a shank having an enlarged slotted end and a screw extending through the slot of the shank carried by the handle with the rigid jaw. 25

3. A horseshoe nail clencher comprising a pair of handles pivotally connected together, one of said handles being provided with a curved jaw, having teeth, the other handle being provided with a curved portion, a jaw 30 pivotally connected to the end of said curved portion provided with a rearwardly extending shank having an enlarged slotted end, and an enlarged portion formed on the handle with the rigid jaw carrying a screw 35 working in the slot of the shank.

GEORGE B. MERSHIMER.

Witnesses:

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