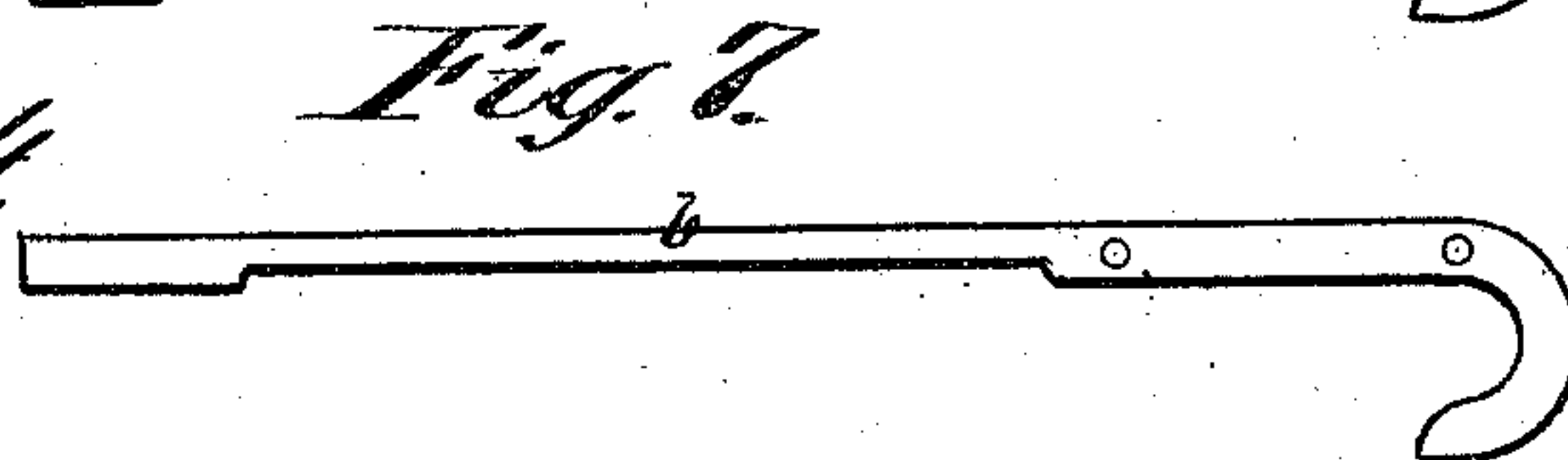
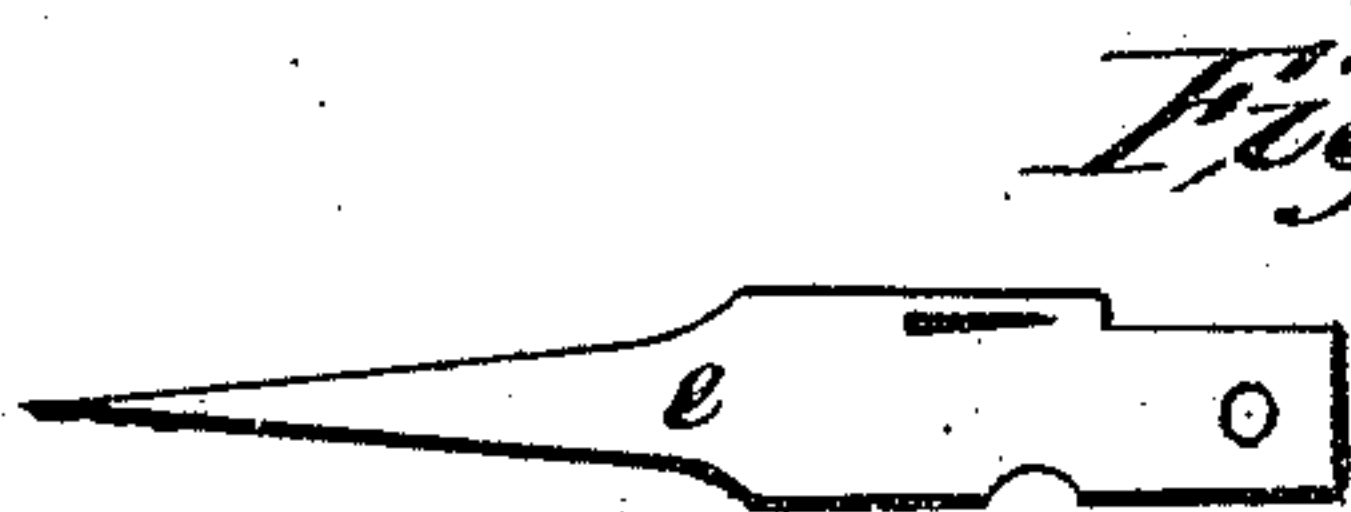
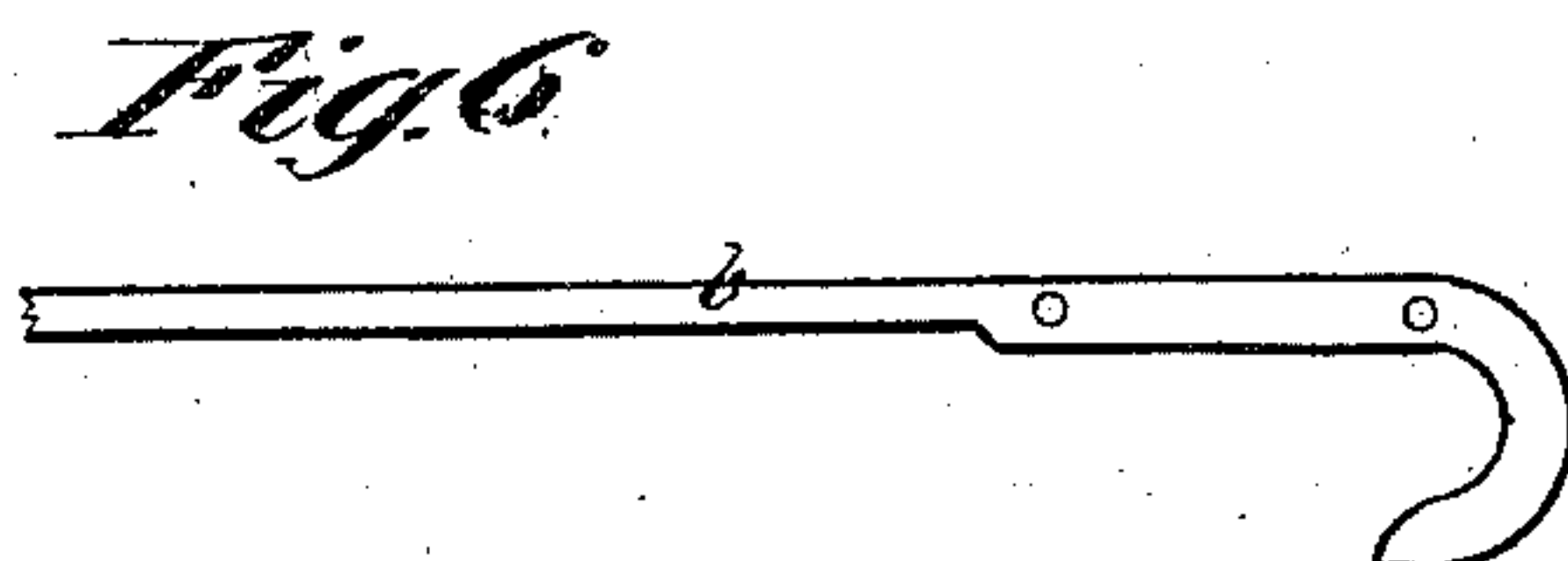
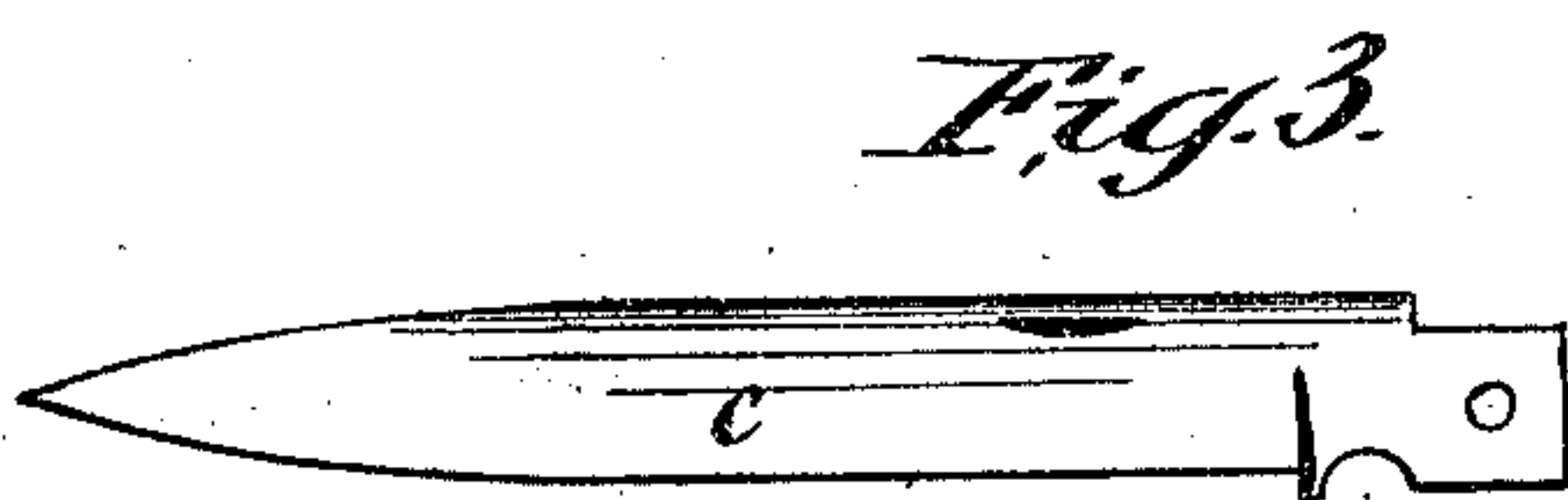
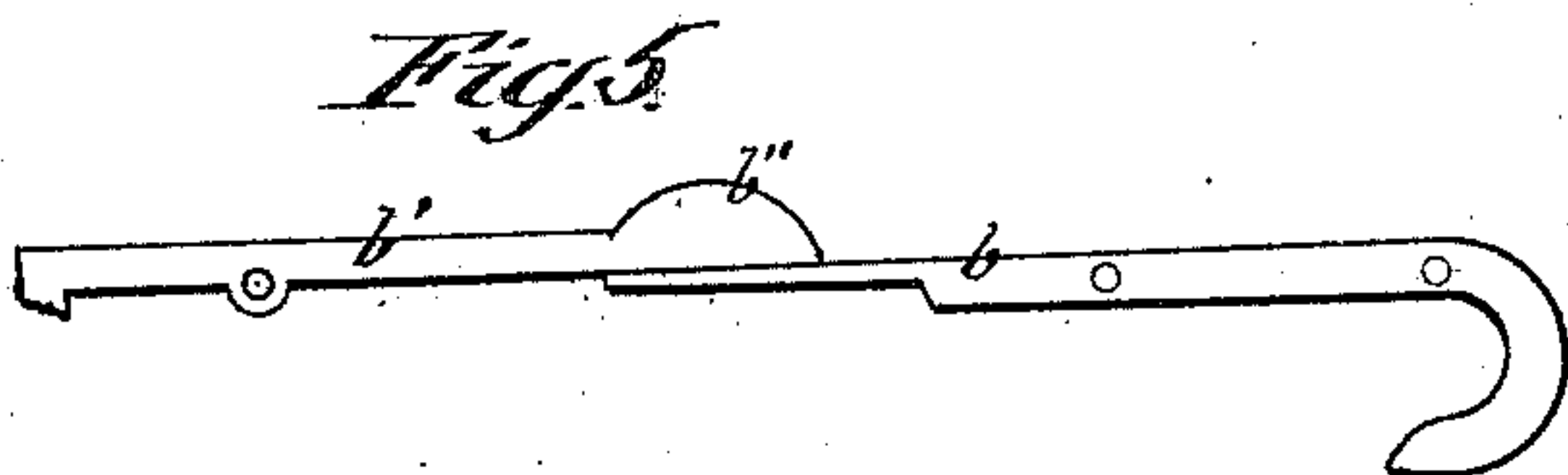
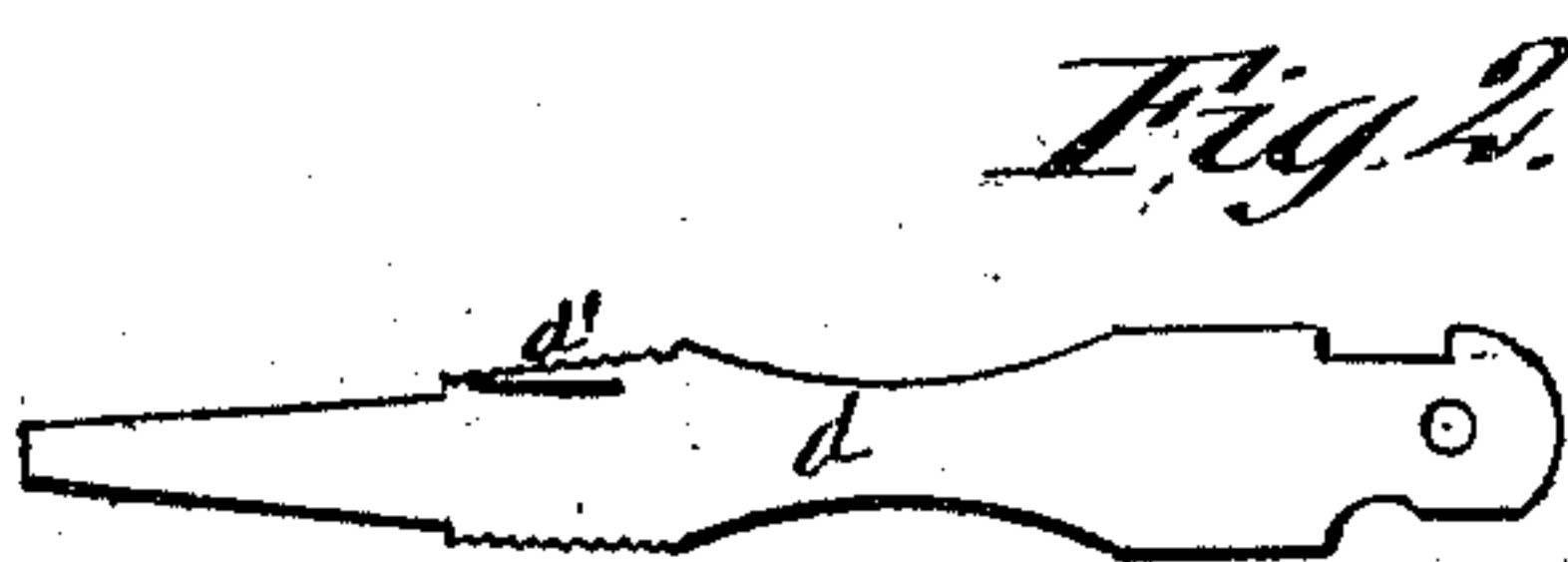
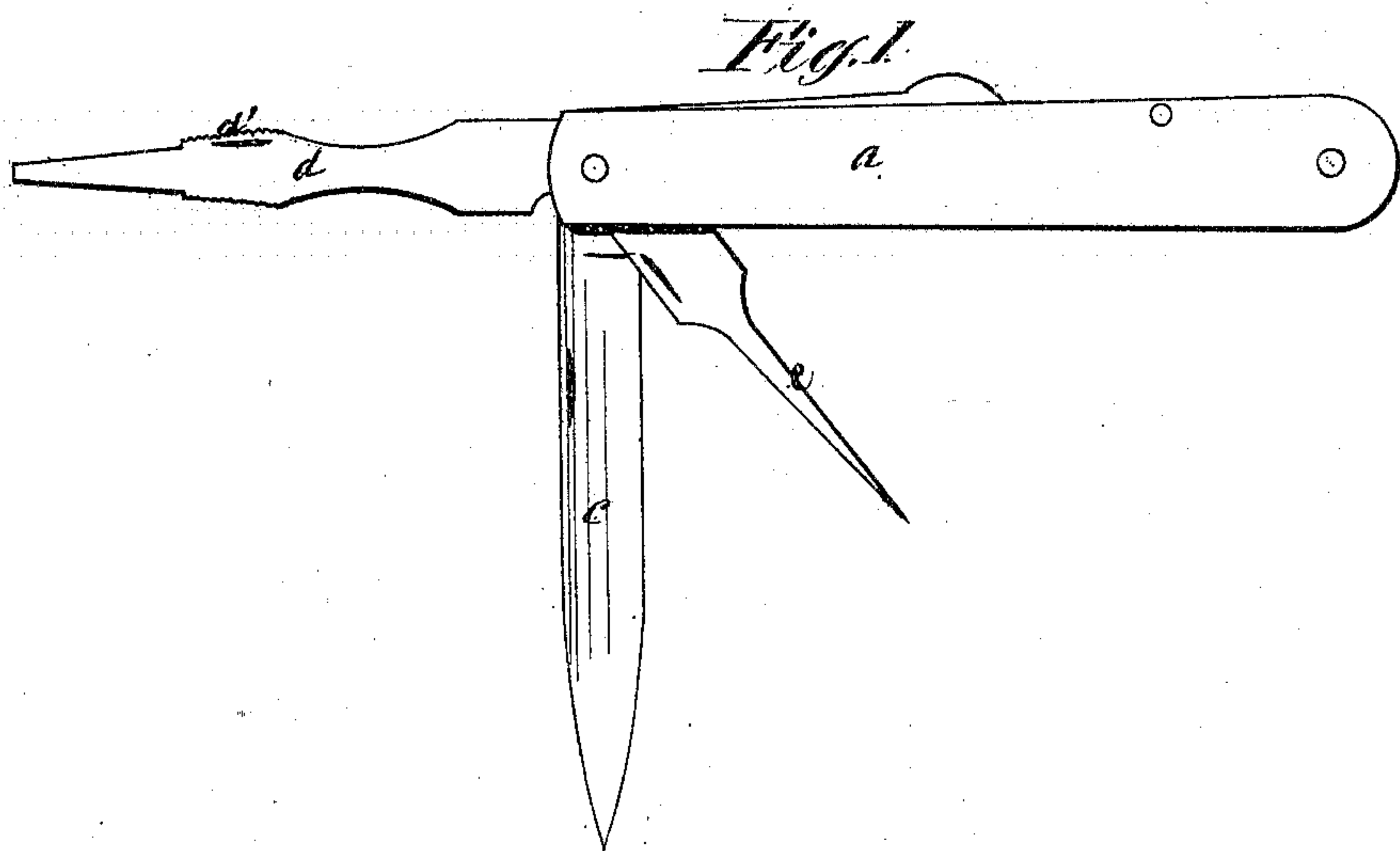


Barnard & Brace,

Pocket Knife.

No. 97,154.

Patented Nov. 23, 1869.



Witnesses.

Ernest J. B.
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FRANCIS H. BARNARD AND WALTER L. BRACE, OF HARTFORD, CONNECTICUT.

Letters Patent No. 97,154, dated November 23, 1869.

IMPROVEMENT IN POCKET-KNIFE.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that we, FRANCIS H. BARNARD and WALTER L. BRACE, both of the city and county of Hartford, and State of Connecticut, have invented a certain new and useful Improvement in Pocket-Utensil as an article of manufacture; and to enable others skilled in the art to make and use the same, we will proceed to describe, by referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention consists in arranging several tools in one handle, as a knife-blade, combined with a screw-driver, having a rucked edge-formation to fit the orifice of the spindle-hub of a lock or latch, for the purpose of operating the latch when the spindle is removed therefrom; also, a boring-awl, which also answers the purpose of a marking-awl and a reamer, all combined to produce a new improved article of manufacture.

This utensil is designed for the use of joiners, carpenters, &c.

The handle is made of metal.

The tools consist of first, a boring-awl, second, of a screw-driver; third, a knife-blade.

The brad or boring-awl is formed three or four square, and tapers to a point, thus forming a tool of practical use for three purposes.

First, in putting mortise locks in doors, it will make the holes for the screws.

Second, if the holes in the fastening-plate are not large enough to admit the body of the screw, it will answer the purpose of a reamer.

Third, it can be used at any time as a marking-awl.

The screw-driver is also made to answer a double purpose.

First, to put in the screws.

Second, in case the door should be shut; the enlarged rough-edge portion is inserted into the lock hub orifice and the door temporarily opened therewith, in place of the knob and spindle; also, a knife-blade, made long and slim, making it of great value in trimming doors and windows, and for general use.

In the accompanying drawings—

Figure 1 is a side view of this invention, having the several tools opened out of their handle.

Figure 2, the screw-driver.

Figure 3, the knife-blade.

Figure 4, the boring-awl.

Figure 5, the thumb-lock and spring-back.

Figures 6 and 7, the common spring-back.

These several tools are fitted to the handle and secured to work thereon, substantially in the common way of fitting knife-blades to their handles.

a is the metal handle.

b are spring-backs.

b' is a thumb-latch or lock, for holding all or either one of the tools firmly in an opened position, (as screw-driver in fig. 1.)

This latch is actuated by the thumb-piece *b''*, on the latch *b'*.

These spring-backs *b b'* are constructed substantially as knife-back springs have heretofore been made.

c is a knife-blade, made long and slim, much in the common way.

d is a screw-driver, having a roughened edge enlargement, *d'*, for inserting into the orifice of the spindle-hub of a lock, by which it takes the place (for the time being) of the knob and spindle.

This screw-driver is secured in the handle *a* in the common way of securing knife-blades in their handles.

e is a boring-awl, also secured in the handle in the common way. Its shape is three or four square, and tapers to a point, so that it will be convenient for a marking-awl, for a boring-awl, and for a reamer. Thus it will be seen that this implement is desirable and useful for a variety of purposes.

We believe we have thus shown the nature, construction, and advantage of this invention, so as to enable others skilled in the art to make and use the same therefrom.

What we claim, and desire to secure by Letters Patent, is—

A pocket-knife, *a*, with spring *b*, thumb-latch *b'*, and thumb-piece *b''*, blade *c*, awl *e*, screw-driver *d*, with the rough enlargement *d'*, constructed and arranged as described, substantially as set forth.

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WALTER L. BRACE. [L. S.]

Witnesses:

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