

Babcock & Farrell

Grinding Tool.

N^o 93,663.

Patented Aug. 17, 1869.

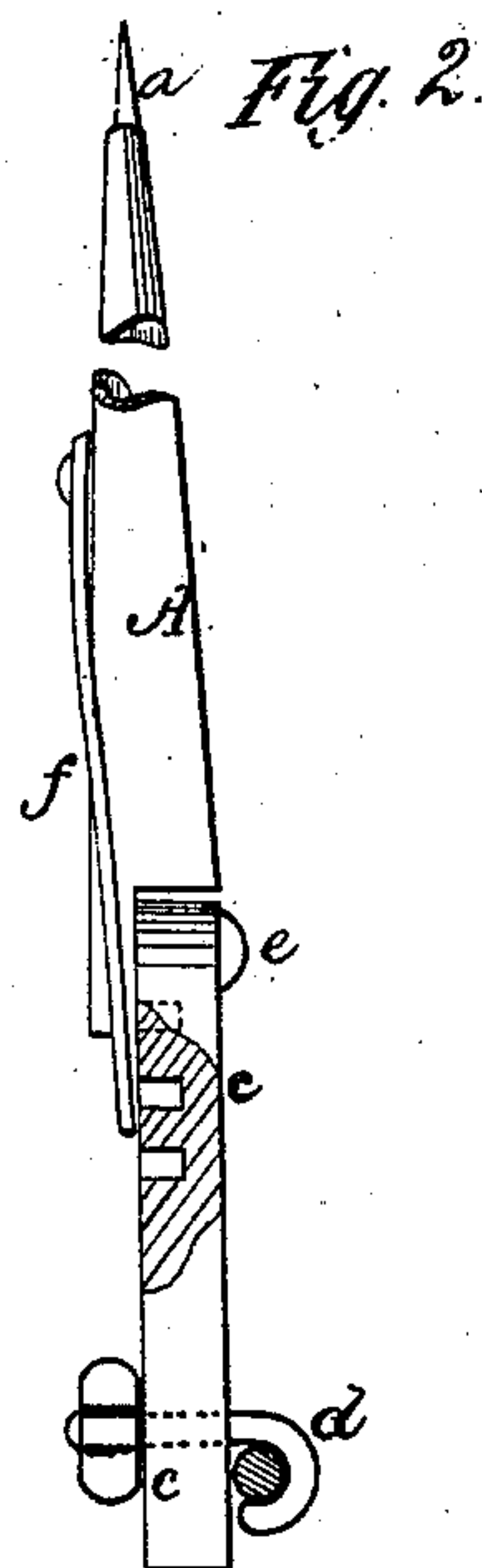
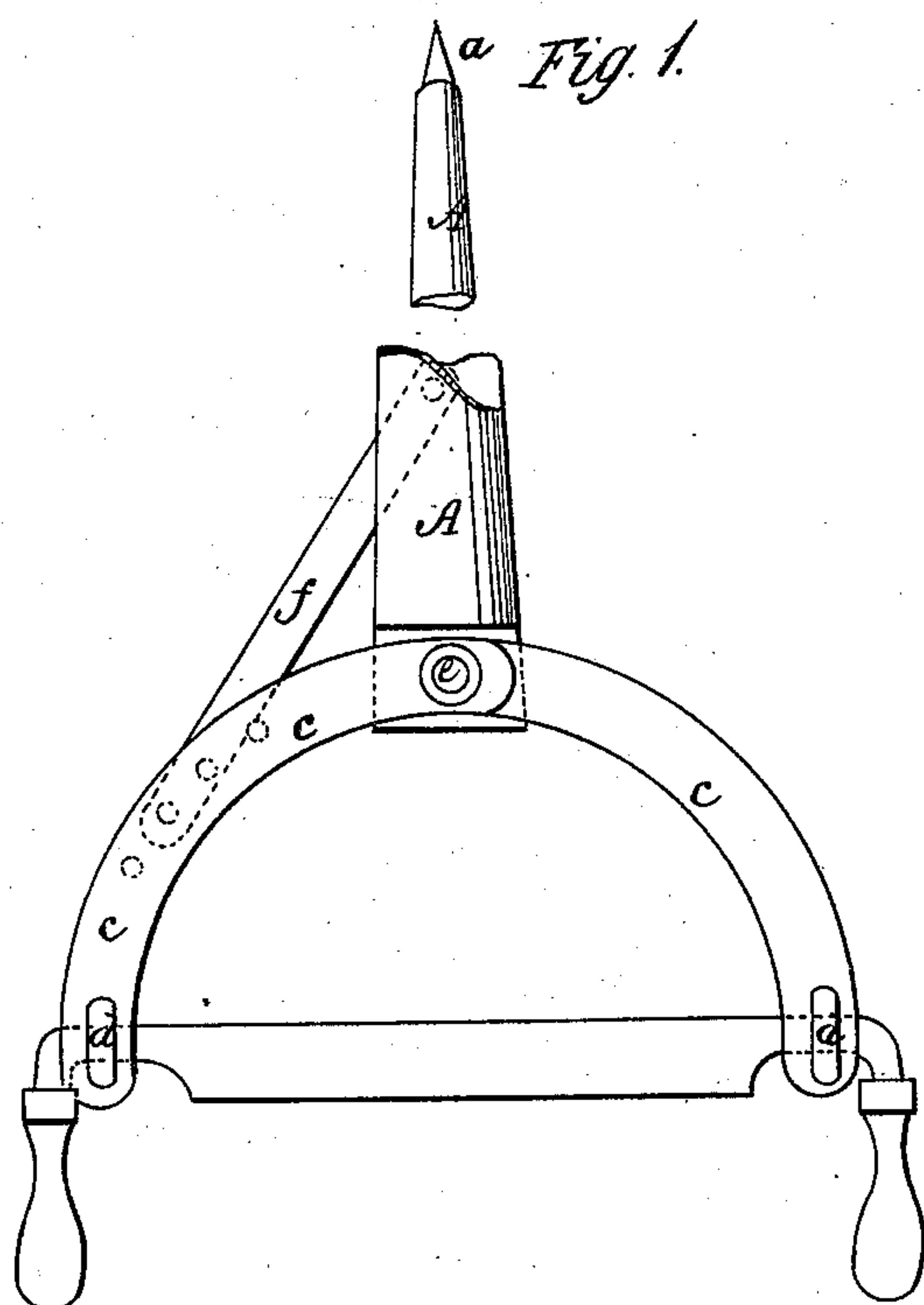
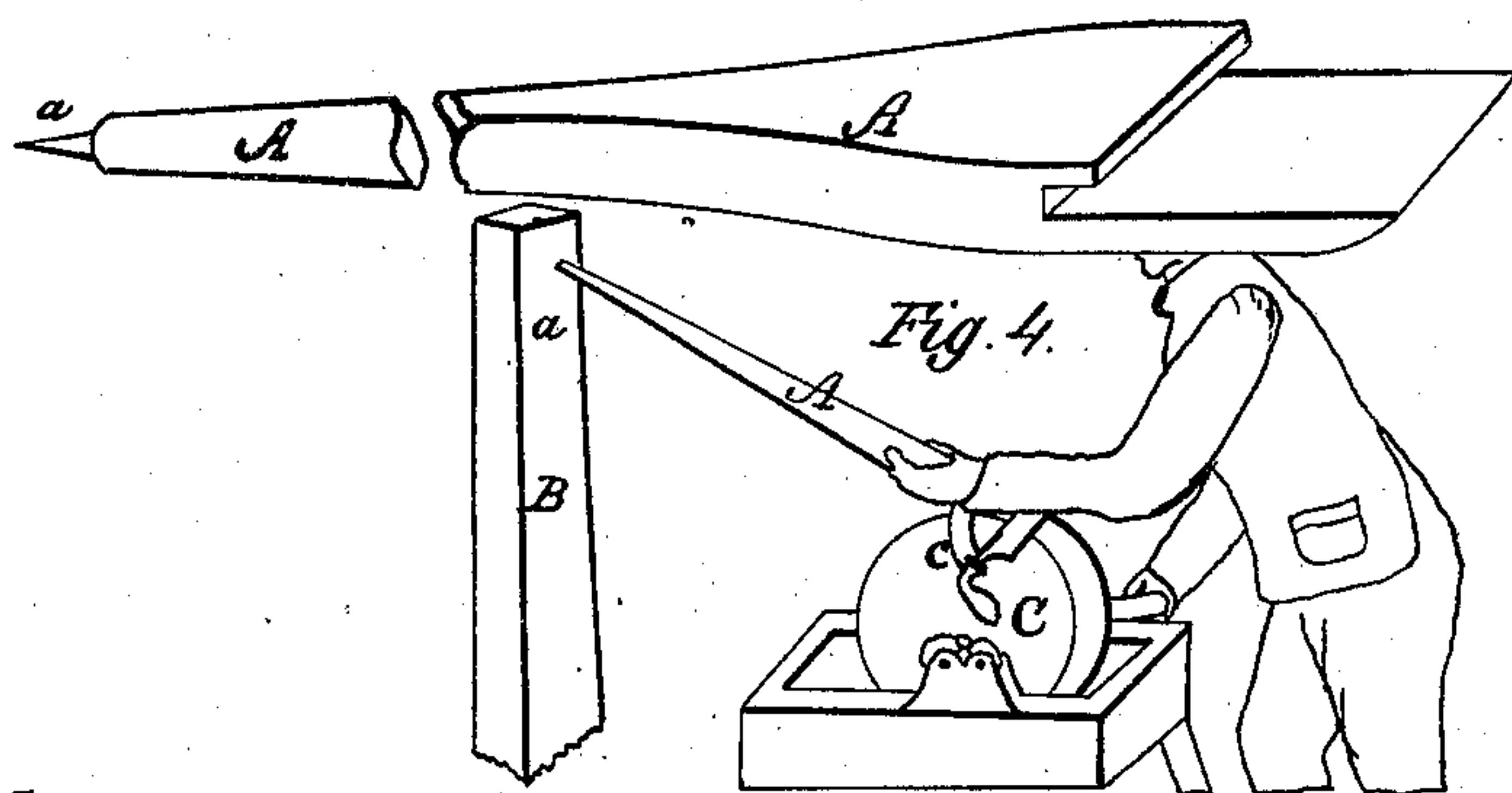


Fig. 3.



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EGBERT BABCOCK AND THOMAS B. FARRELL, OF LAURENS, NEW YORK.

Letters Patent No. 93,663, dated August 17, 1869.

IMPROVEMENT IN TOOL-HOLDER FOR HOLDING TOOLS WHILE BEING GROUND.

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, EGBERT BABCOCK and THOMAS B. FARRELL, of Laurens, in the county of Otsego, and State of New York, have invented a new and useful Improvement in Grinding Tools; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 represents a face view of our improved device for holding the drawing-knife to the grindstone.

Figure 2 is an edge view of the same.

Figure 3 is a perspective view of our plane-iron holder.

Figure 4 is a perspective view of our improved apparatus, showing it applied.

Similar letters of reference indicate corresponding parts.

This invention has for its object to provide an apparatus by means of which it will be possible for one man to hold a tool to be sharpened against the edge of a grindstone, and to also turn the stone.

Our invention consists in providing a holder, which, when properly applied, will enable a person to steady, with one hand, a tool of suitable kind, while he may, with the other hand, turn the stone.

The tool to be ground is, for this purpose, secured to a bar, *A*, which is, with one end, fastened to a post or wall, *B*, near which the grindstone is placed, as indicated in fig. 4.

The bar *A* is, for this purpose, provided with a projecting pointed pin, *a*, which is stuck into the wall or

post, and which allows the bar to be swung up, or down, or laterally, on its pivot *a*.

The other end of the tool may be formed with a groove, as in fig. 3, for holding a plane-iron, or other similar instrument; or it may be provided with a semi-circular plate, *c*, as in fig. 1, for holding the ends of a drawing-knife in hooks *d d*, that are fitted into the ends of said plate.

The plate *c* we propose to make of two pieces, pivoted by a pin, *e*, to the bar, so that they can be swung apart or together, for longer or shorter tools, and to allow them to hold the tool in an oblique or straight position, they being, in either position, locked by a spring-catch, *f*.

It will be seen that when in this device the tool is secured, it will be sufficiently supported, so that the attendant need only guide it properly against the edge of the stone.

Having thus described our invention,

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

1. The bar *A*, provided at one end with the pin *a*, whereby the same may be fixed in a wall at any desired point, thus allowing free movement of the broad slotted end in every direction, as set forth.

2. In combination with the bar *A* and pivoted plates *c*, the catch *f*, substantially as described for the purpose specified.

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Witnesses:

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