

*J. Sattazahn,*  
*Grubbing Implement.*  
*No. 103088. Patented May 17, 1870.*

Fig.1.

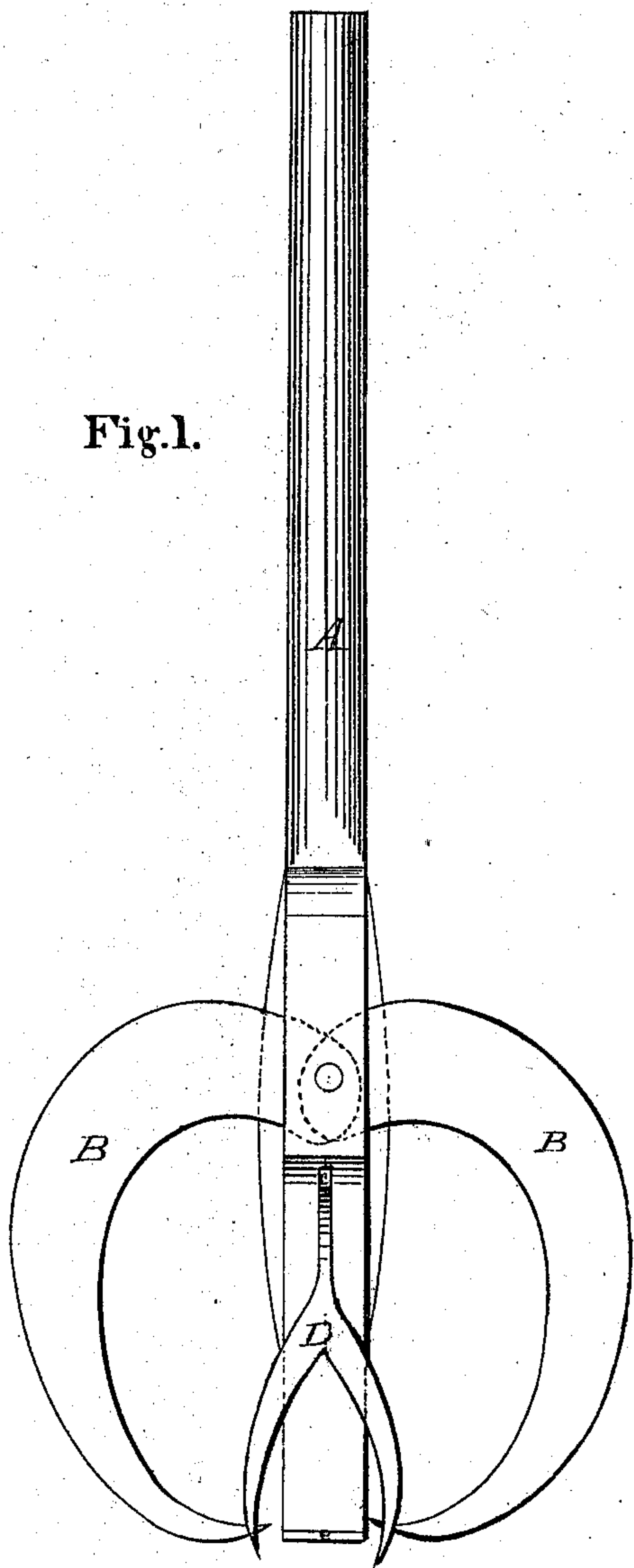
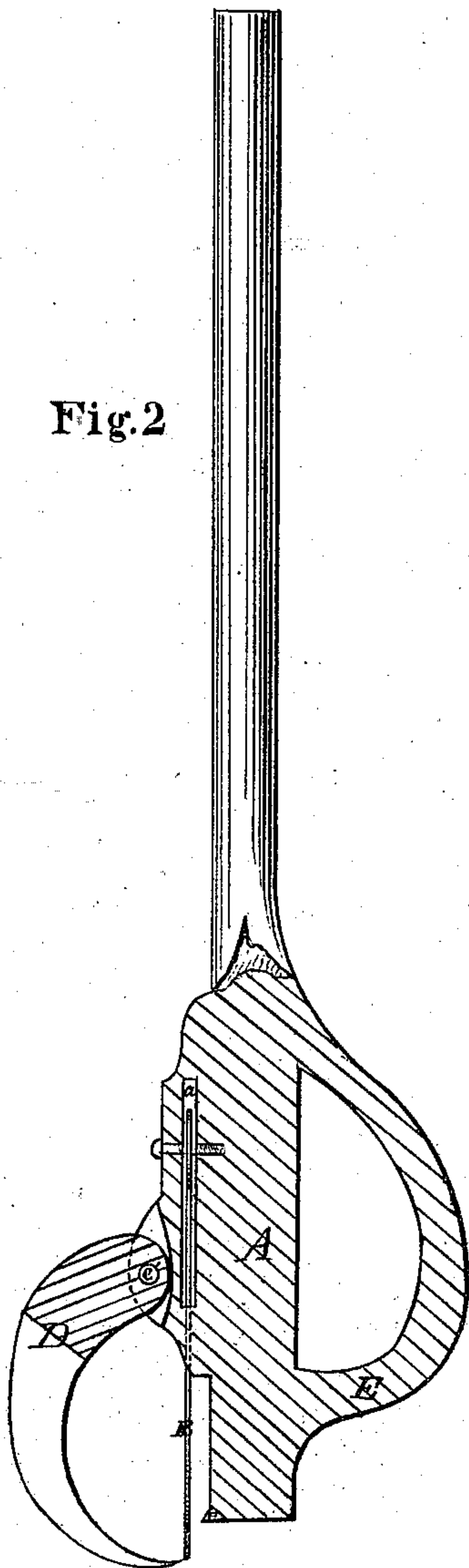


Fig.2



Witnesses

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# United States Patent Office.

JOHN SATTAZAHN, JR., OF PINE GROVE TOWNSHIP, PENNSYLVANIA.

*Letters Patent No. 103,088, dated May 17, 1870; antedated May 10, 1870.*

## IMPROVEMENT IN GRUBBING-IMPLEMENT.

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

*To all whom it may concern:*

Be it known that I, JOHN SATTAZAHN, JR., of Pine Grove township, in the county of Schuylkill and State of Pennsylvania, have invented a new and valuable Improvement in Grubbing-Instruments; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a front view of my invention.

Figure 2 is a central vertical longitudinal section of the same.

My invention relates to means for pulling up small saplings, shrubbery, or stumps, and consists mainly in the construction and novel arrangement of devices applied to a lever, and designed to serve an efficient purpose in such operations.

The letter A of the drawings designates the lever, usually constructed of tough wood or iron.

Through the lower end of the lever, from side to side, is formed the slot *a*, in which are pivoted the ends of the hooks B B.

A slot, *c*, is also made in the face of the lever, to receive the end of the forked hook D, which is pivoted therein by the pin *c'*.

The lower front end of the lever has a projecting beveled flanch, *e*, by means of which a purchase is obtained on the face of the sapling or stump.

E is the fulcrum of the lever, a curved projection formed at its lower end, on the side opposite the hooks. This also serves as a runner in dragging the heavy instrument about the field.

When it is desired to pull up a sapling, the lever is placed on end alongside thereof, and the hooks B B are driven into the sapling. The handle of the lever is now borne down, and the sapling thereby pulled up.

For pulling small shrubbery or stumps the forked hook D is used, the lever being set on end and the prongs driven under the roots.

What I claim as my invention, and desire to secure by Letters Patent, is—

The grubbing implement herein described, having runner or fulcrum E, lateral hooks B B, vertical forked claw D, and flanch *e*, when constructed and arranged to operate as specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

JOHN SATTAZAHN, JR.

Witnesses:

WILLIAM FEGER,  
HENRY WENTZ.