

J. G. ROGERS.  
Pruning-Shears.

No. 140,388.

Patented July 1, 1873.

Fig. 1

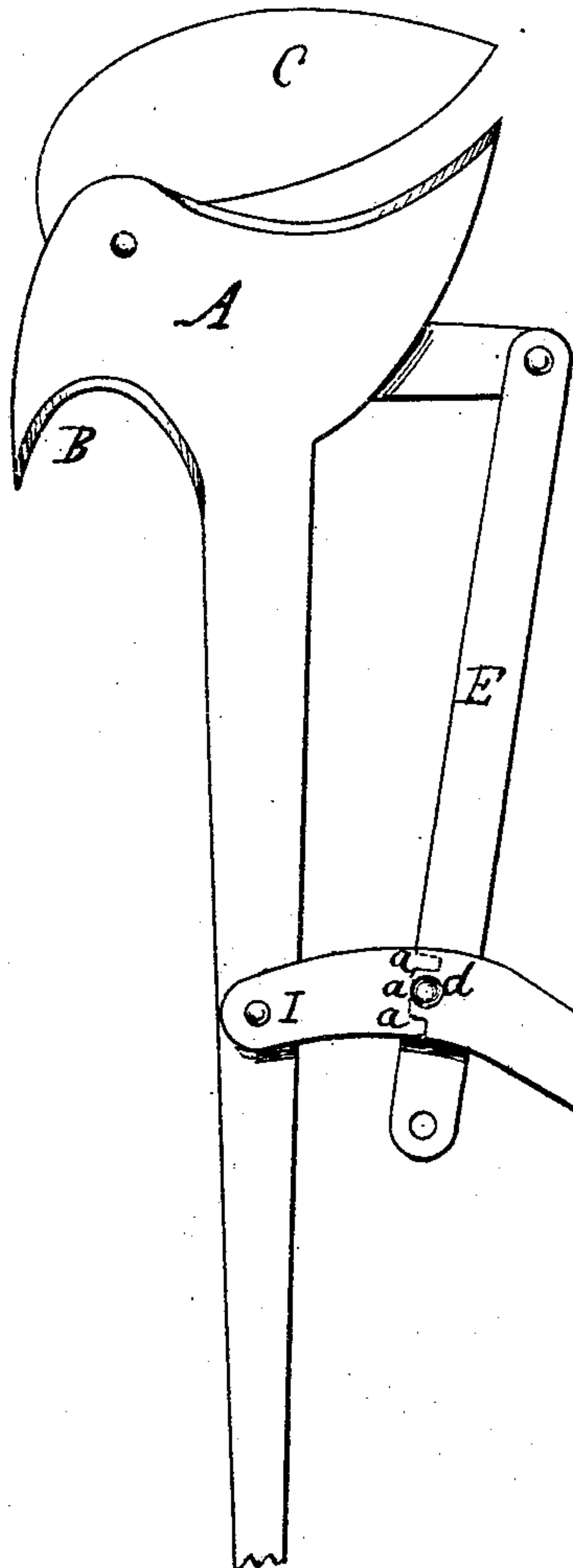
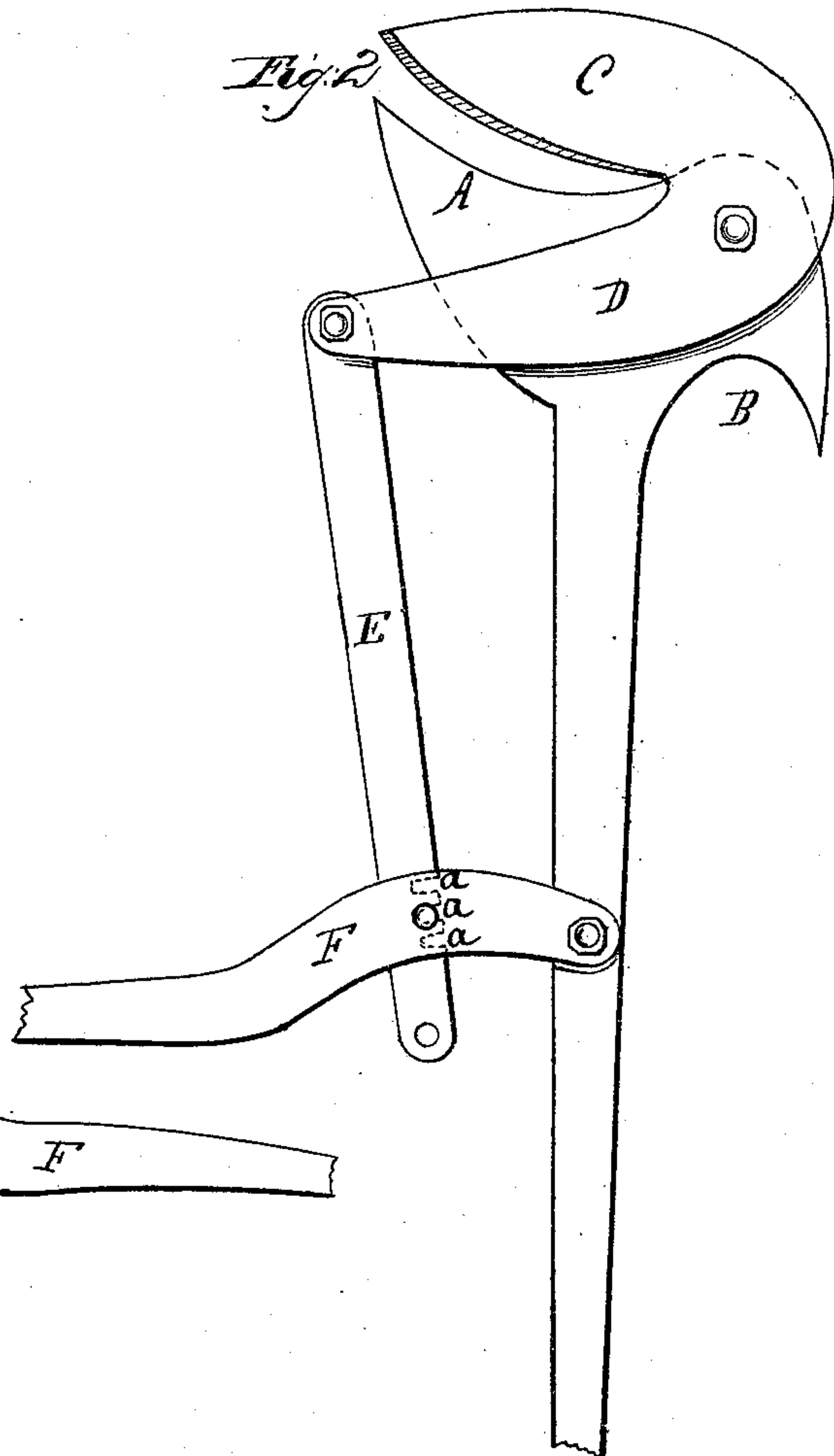


Fig. 2



Witnesses.  
J. H. Wheeler  
D. M. Wheeler

Inventor.  
John G. Rogers

# UNITED STATES PATENT OFFICE.

JOHN G. ROGERS, OF BERRIEN COUNTY, ASSIGNOR OF ONE-HALF HIS RIGHT  
TO S. S. WHITE, OF MICHIGAN CITY, MICHIGAN.

## IMPROVEMENT IN PRUNING-SHEARS.

Specification forming part of Letters Patent No. **140,388**, dated July 1, 1873; application filed  
May 13, 1873.

*To all whom it may concern:*

Be it known that I, JOHN G. ROGERS, of Berrien county and State of Michigan, have invented a Pruning-Shears.

The object of my invention is to secure such an arrangement and construction of parts as shall combine great convenience with strength and durability, as hereinafter described, and shown in the accompanying drawing, which forms a part of this specification, of which—

Figure 1 shows a view of the side of the shears having the stationary blade, and Fig. 2 shows the opposite side having movable blade.

A represents the stationary blade. This blade is set at right angles to its shank or handle, with its cutting-edge up, and is provided at B with a hook-shaped knife, for the purpose of cutting small limbs, and to be used in dislodging such limbs as are cut off and entangled in the tree-top. C represents the movable blade. This blade and its shank D forms an elbow, and is pivoted to the stationary blade A. To the end of the shank D is pivoted a connecting-bar, E; the lower end of this bar passes between the forks of the lever F, and is provided with several notches *a a a*. One end of the lever F is pivoted at I to the handle of the stationary blade A, and is provided with a fulcrum-pin, *d*. This pin is fixed in the forks of the lever F, and may be made

to engage with any of the notches *a a a* in the bar E, making this joint adjustable, and giving the shears greater range in opening to receive a larger limb, than can be done when this joint is not adjustable, as the distance from the pivot I to the pin *d* must be sufficient to give ample movement to open the shears. This of course limits the power; but with my construction of this joint the pin *d* may be made to engage with any of the notches *a a a*, and may be passed through the forked lever F very close to the pivot I, thus giving great advantage to the operator, as several full movements of the lever F may be employed in opening or closing the shears, and the power will only be limited by the strength of the parts.

Having thus fully described my invention, what I claim is—

The above-described pruning-shears, consisting of the blade A with its hook B, blade C with its elbow-shaped shank D, adjustable connecting-bar E with notches *a a a*, and forked lever F, as and for the purposes hereinbefore set forth.

JOHN G. ROGERS.

Witnesses:

S. H. WHEELER,  
J. O. WHEELER.