

J. CHASE.  
Pruning-Shears.

No. 160,392.

Patented March 2, 1875.

Fig. 1.

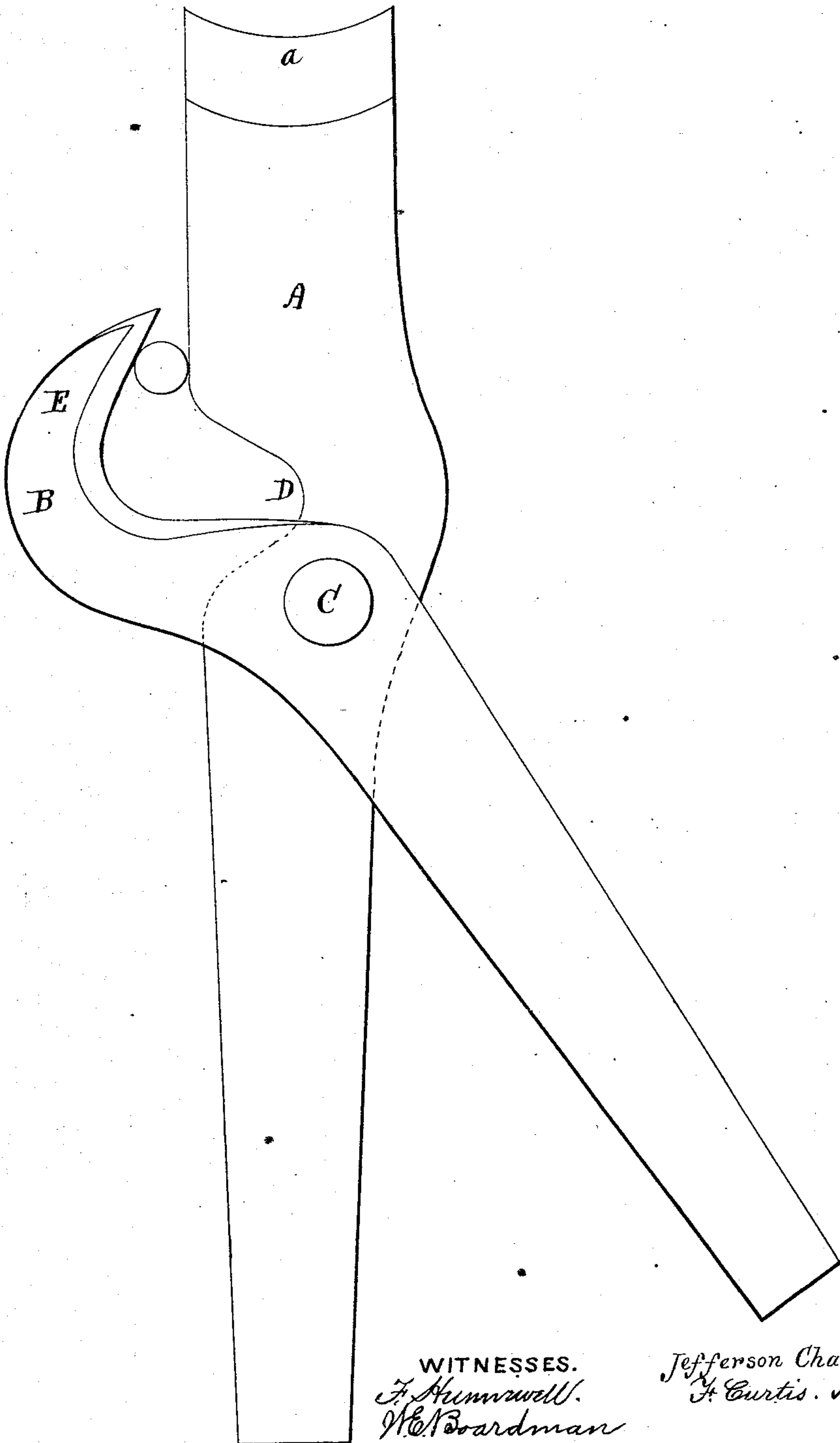
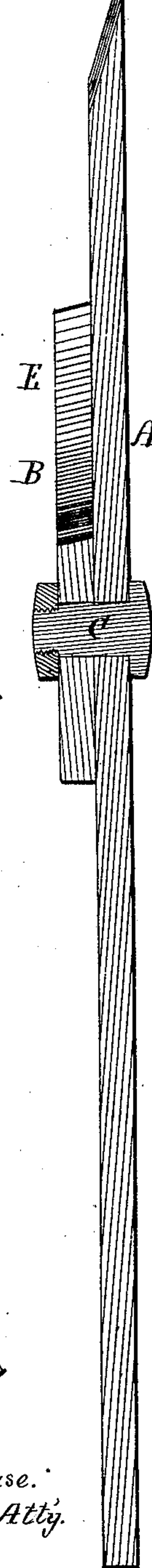


Fig. 2.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

JEFFERSON CHASE, OF ORANGE, MASSACHUSETTS.

## IMPROVEMENT IN PRUNING-SHEARS.

Specification forming part of Letters Patent No. **160,392**, dated March 2, 1875; application filed December 19, 1874.

*To all whom it may concern:*

Be it known that I, JEFFERSON CHASE, of Orange, Franklin county, Massachusetts, have invented certain Improvements in Pruning-Shears, of which the following is a specification:

My invention consists of improved pruning-shears having peculiarly-shaped cutting-edges, hereinafter described, and a chisel-edge on the extremity and in the line of the handle or main half of the shears.

The drawings accompanying this specification represent, in Figure 1, a side elevation of a pair of pruning-shears embodying my improvement; in Fig. 2, a longitudinal section of the same.

In this drawing, A and B represent two blades united by a rivet, C, after the manner of shears in general, one blade, A, being formed with a concave notch or recess, D, immediately above or outside of the rivet C, while the opposite blade terminates in a hooked jaw, E, which coincides with the recess, D, the metal about said recess and the jaw E being reduced to an obtuse chisel-edge, in order to readily cut twigs or branches of trees.

It will be seen that when a twig is inclosed between them, as shown in the drawing, any pressure upon the blades which forces them together in the act of cutting such twig, will tend to force such twig inward toward the pivot or fulcrum of the blades.

The outer end of the blade A terminates in a chisel-edge, *a*, by means of which the small shoots which often spring from the trunk of a tree may be readily removed. For the removal of shoots which are above the head of the user, the chisel *a* will be found of great convenience. It is on the direct prolongation of the handle and in the line of the main blade A, and in position where it can be used to much advantage.

I claim—

The described pruning-shears, consisting of the hooked blade B, and the blade A with the recess D, as specified, and the chisel *a* on the extremity of and in line with the blade A and the handle, all constructed as herein set forth.

JEFFERSON CHASE.

Witnesses:

E. L. SWIFT,  
G. M. STAPLES.