

O. CHASE.

Pruning-Shears.

No. 134,591.

Patented Jan. 7, 1873.

Fig. 1.

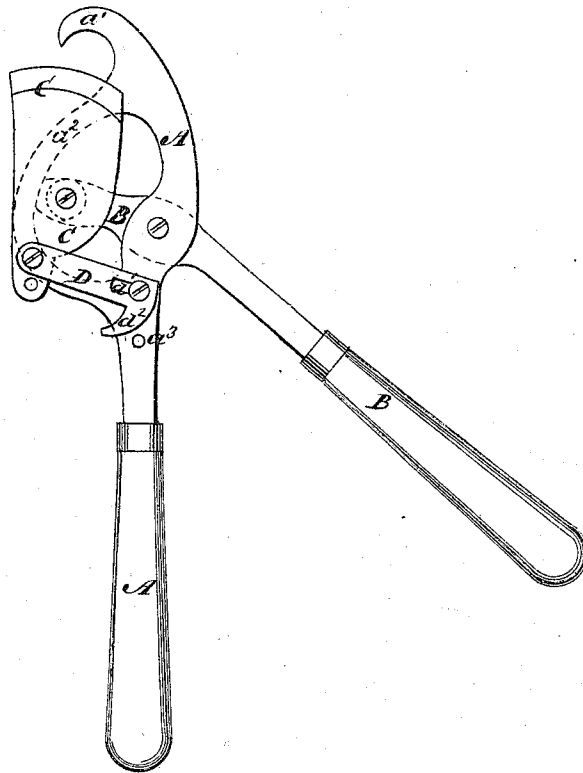
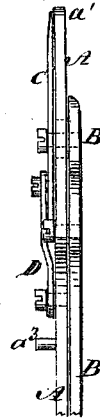


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

OSCAR CHASE, OF RUTLAND, OHIO.

IMPROVEMENT IN PRUNING-SHEARS.

Specification forming part of Letters Patent No. 134,591, dated January 7, 1873.

To all whom it may concern:

Be it known that I, OSCAR CHASE, of Rutland, in the county of Meigs and State of Ohio, have invented an Improvement in Pruning-Shears, of which the following is a specification:

Figure 1 is a side view of my improved pruning-shears. Fig. 2 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved pruning-shears which shall be so constructed as to cut the boughs with a circular or drawing cut, so as to do its work easier than when the cut is made in the ordinary manner, and which may also be used with equal advantage for cutting bolts and other articles of iron or other metal; and it consists in the continuation of the handles, one of which is provided with a hook, guide-arm, and stop, the cutter and the link slotted in its inner end and provided with a finger or cam, said parts being constructed and operating as hereinafter more fully described.

A and B represent the handles, which are pivoted to each other near their forward ends. Upon the forward end of the handle A is formed a hook, a^1 , to hook around the bough and hold it while being cut. Upon the edge of the forward part of the handle A is formed a curved arm, a^2 , passing around the pivoting-point of said lever, and which is designed to serve as

a guide to the cutter C. The cutter C is placed upon the opposite side of the handle A and arm a^2 from the handle B, and is pivoted to the end of the said handle B, said pivot passing through the opening between the handle A and its arm a^2 . The rear end of the cutter C is pivoted to the end of the arm or link D, the other end of which is pivoted to the handle A, the pivoting-pin passing through a short longitudinal slot, d^1 , formed in the said arm, bar, or link D. Upon the lower side of the inner end of the bar D is formed a curved finger or cam, d^2 , which bears against the stop-pin or projection a^3 attached to or formed upon the handle A to give the knife C a circular or drawing movement as it makes the cut.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the lever A provided with a hook, a^1 , guide-arm a^2 , and stop or projection a^3 , the handle B, the cutter C, and the bar, arm, or link D, having a slot, d^1 , formed in its inner end and provided with a finger or cam, d^2 , said parts being constructed and operating substantially as herein shown and described, and for the purposes set forth.

OSCAR CHASE.

Witnesses:

MARY PETTY,
JAMES PETTY.