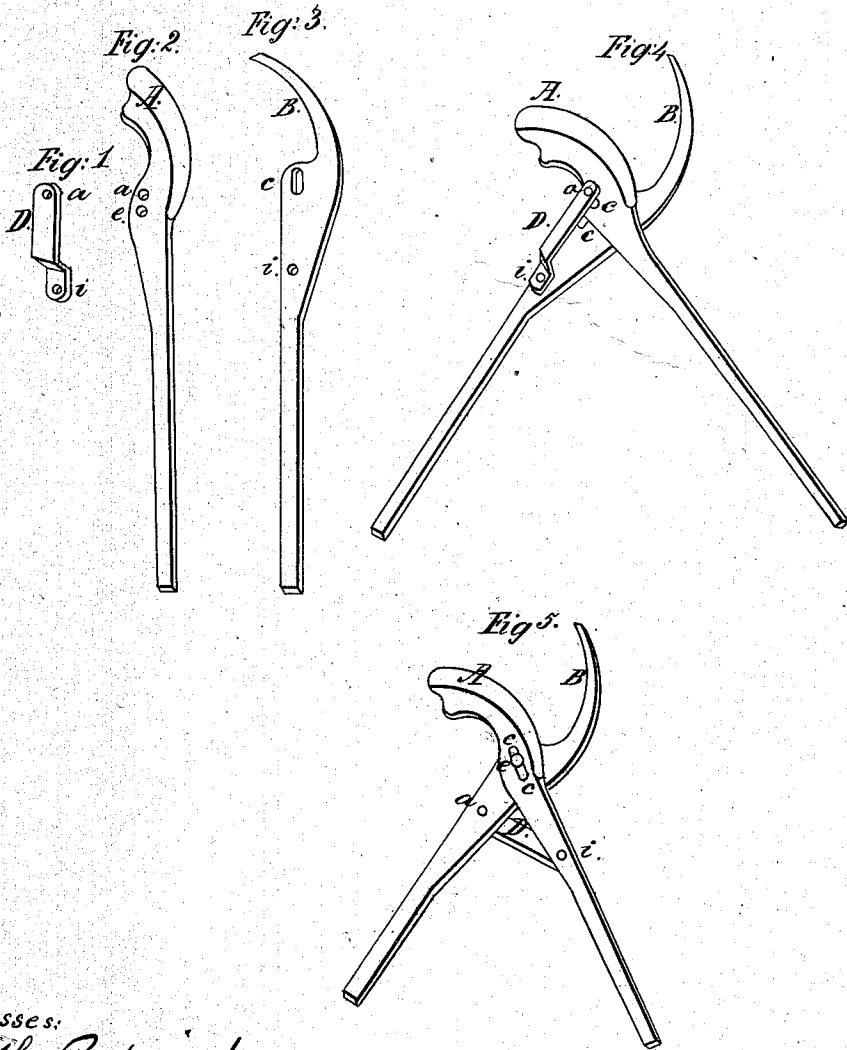


A. L. Hatfield.

Pruning Shears.

N^o 103,327.

Patented May 24, 1870.



Witnesses:
Joseph Zepariuk
Charles Zepariuk
Taylor Hatfield

Inventor.
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United States Patent Office.

AARON L. HATFIELD, OF CLYDE, OHIO.

Letters Patent No. 103,327, dated May 24, 1870.

IMPROVEMENT IN PRUNING-SHEARS.

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

I, AARON L. HATFIELD, of the village of Clyde, in the county of Sandusky and State of Ohio, have invented certain Improvements in Pruning-Shears, of which the following is a specification.

Figure 1 is a link.

Figure 2 is a convex blade.

Figure 3 is a concave blade.

Figure 4 is a pair of shears complete.

The blade A, figs. 2 and 4, is pivoted to link D at *a a*, figs. 1, 2, and 4, either by pin or screw, and hole *e* receives the fulcrum-pin or screw.

Blade B is provided with a slot, C, through which the fulcrum-pin or screw passes, and hole *i*, where link D is pivoted either by pin or screw.

I do not claim to have invented convex or concave blades; neither do I claim the invention of the movable fulcrum and link in pruning-knives, but, as heretofore constructed, when the slot is in the convex blade A, and the lever pivoted to both shanks of the blades back of said slot, the lever braces in cutting

and forms the fulcrum, making the purchase too long, too far away from the cut, and requiring much more power to make a cut than when the fulcrum is at the slot, as in fig. 4.

The lever should be pivoted, one end to blade A, at *a*, figs. 2 and 4, and the other end of lever to blade B, at *i*, figs. 3 and 4, thus avoiding bracing, and giving the blade a gentle draw-motion while cutting, the slot in blade B giving a short fulcrum. The combination of the two, as substantially described, cut with more power and greater ease than in the case referred to.

Claim.

The pruning-shears, consisting of the parts A and B, with slot C and link D, pivoted and arranged relatively to the jaws A and B, as shown and described.

AARON L. HATFIELD.

Witnesses:

JOS. ZEPERNICK,
TAYLOR HATFIELD.