

J. C. SEGER & J. HOLLINGSWORTH, Jr.  
Pruning-Shears.

No. 147,868.

Patented Feb. 24, 1874.

Fig. 1.

Fig. 2.

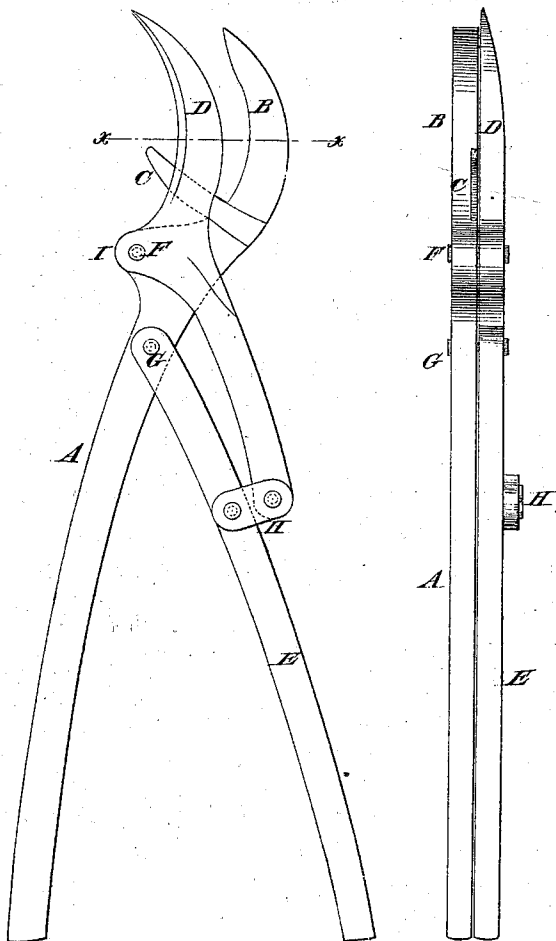
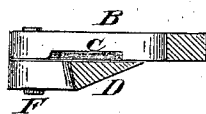


Fig. 3.



Witnesses:

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# UNITED STATES PATENT OFFICE.

JOHN C. SEGER AND JOHN HOLLINGSWORTH, JR., OF MOORESVILLE, ALA.

## IMPROVEMENT IN PRUNING-SHEARS.

Specification forming part of Letters Patent No. **147,868**, dated February 24, 1874; application filed August 4, 1873.

*To all whom it may concern:*

Be it known that we, JOHN C. SEGER and JOHN HOLLINGSWORTH, JR., of Mooresville, in the county of Limestone and State of Alabama, have invented a new and useful Improvement in Pruning-Shears, of which the following is a specification:

The invention consists in providing a guard for the blades or cutters, as hereinafter described.

In the accompanying drawing, Figure 1 is a side view, showing the arrangement of parts. Fig. 2 is an edge view of the same. Fig. 3 is a cross-section of the cutting-blades taken on the line *x x* of Fig. 1.

Similar letters of reference indicate corresponding parts.

This pruning-shears consists of a main lever, A, having a curved stationary blade, B, and guard C, and a sharp curved beveled cutting-lever blade, D, and operating-lever E. The fulcrum-pin of the two blades is placed on one side of the center at the point F. The fulcrum of the operating-lever E is at the point G, on the main lever A, and is connected with the lever end of the cutting-blade D by the pivoted bar H. A compound-lever purchase is, therefore, obtained on the cutting-blade D, and a drawing cut is given its edge

by the location of the fulcrum-pin F. The two cutting-edges are curved, the stationary blade B being concave, and the movable blade D convex, so that they nearly correspond with each other, but the latter blade is drawn down as it closes with the other blade at each cut, giving a drawing stroke, which greatly lessens the amount of power required to operate the shears. The guard C is rigidly attached to the stationary blade B. Its face is on the plane of the faces of both the blades B D, and it guides and supports the thin beveled cutting-blade D, and prevents it from twisting. I represents projections at the base of both the blades, which allow the fulcrum-pin F to be placed one side of the center, by means of which the drawing cut is given.

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

The guard C, in combination with the beveled cutting-blade D, as and for the purposes described.

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Witnesses:

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