

A. C. HULSE.
Pruning-Knives.

No. 142,236.

Patented August 26, 1873.

Fig. 1.

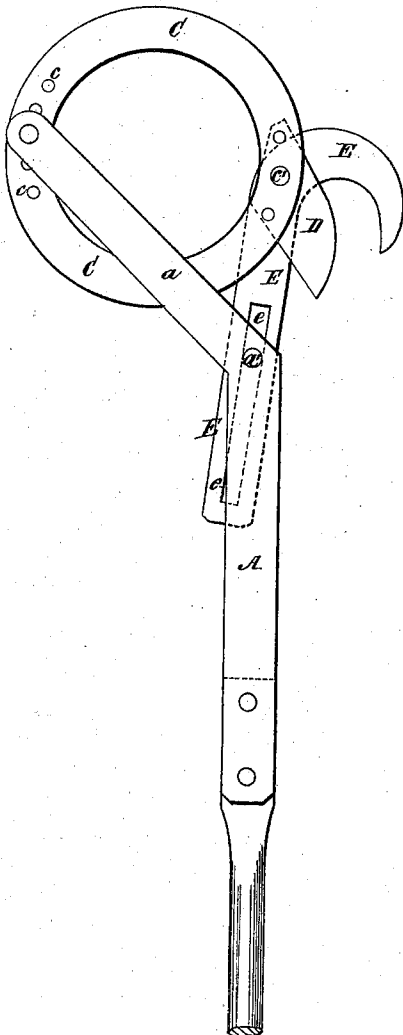
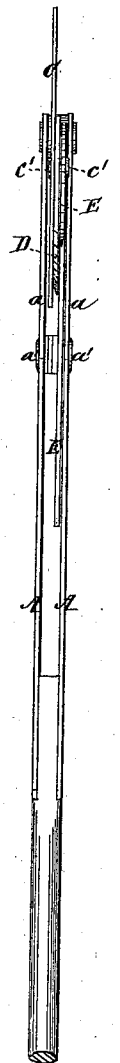


Fig. 2.



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UNITED STATES PATENT OFFICE.

ABRAHAM C. HULSE, OF PALMYRA, ILLINOIS.

IMPROVEMENT IN PRUNING-KNIVES.

Specification forming part of Letters Patent No. **142,236**, dated August 26, 1873; application filed July 14, 1873.

To all whom it may concern:

Be it known that I, ABRAHAM C. HULSE, of Palmyra, in the county of Macoupin and State of Illinois, have invented a new and Improved Pruning-Knife; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 an end view.

The invention relates to pruning-knives; and consists in a novel mode of combining a bifurcated handle having oblique-angled ends, a slotted hook-blade, and a bladed circle-plate pivoted to both in such manner as to form a pruning-knife which shall be simple, effective, and durable. It also consists in a peculiar mode of adjusting the relative position of the blades to take up the gradual wear upon them.

In the drawing, A represents a bifurcated handle having the ends *a a* at an oblique angle thereto. Between the upper ends of the ends *a a* is pivoted the circle-plate C, that has the series of perforations *c* and the blade D rigidly attached to it. E is the hook-blade, which is placed over the branch, pivoted to the circle-plate at *c'*, and having the long slot

e, by which it is moved on the pivot *a'* in handle. The hook being placed over a branch and the handle pulled, the latter moves down, while the blade D moves up to the blade E and cuts off the twig. This device is very simple, consisting but of the handle, the slotted hook-blade, and the bladed circle-plate, can be cheaply made, and withal is little liable to get out of order. By means of the perforations in circle-plate, as the cutting-edges of knives wear, the circle-plate is pivoted to the handle ends *a a* in a different hole. This allows the knives to be almost entirely used up before replacement is necessary.

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

1. The combination of the bifurcated handle A *a* and slotted hook-blade E with the bladed circle-plate C D, pivoted to both, as and for the purpose described.

2. The bladed circle-plate C D, having perforations, and adjustable in the handle to take up wear in the knife-edges, as set forth.

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