

No. 802,290.

PATENTED OCT. 17, 1905.

C. T. HOLMES.
PRUNING SAW.
APPLICATION FILED DEC. 14, 1904.

Fig. 1.

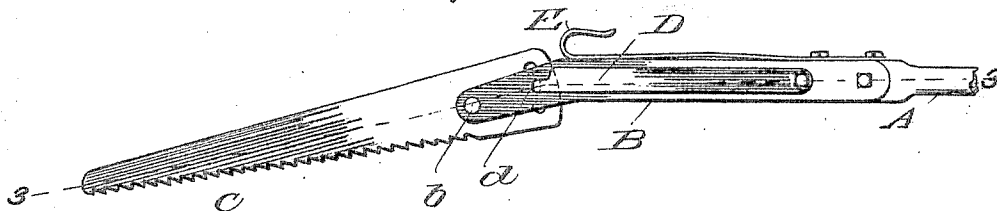


Fig. 2.

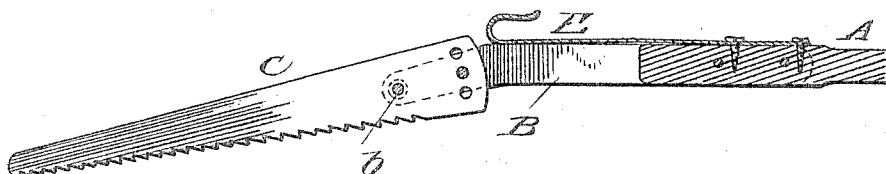


Fig. 3.

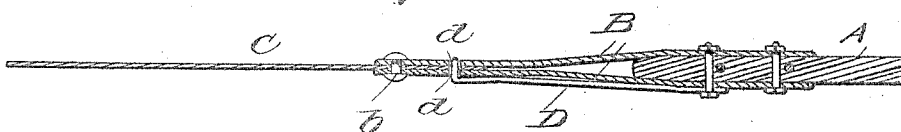
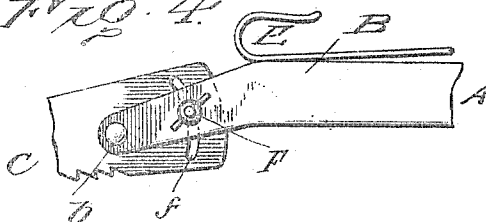


Fig. 4.



Witnesses

[Signature]
C. P. Wright, Jr.

C. T. Holmes

Inventor

By

Charles E. Allen

Attorney

UNITED STATES PATENT OFFICE.

CHARLES T. HOLMES, OF CHARLOTTE, VERMONT.

PRUNING-SAW.

No. 802,290.

Specification of Letters Patent.

Patented Oct. 17, 1905.

Application filed December 14, 1904. Serial No 236,872.

To all whom it may concern:

Be it known that I, CHARLES T. HOLMES, a citizen of the United States, residing at Charlotte, in the county of Chittenden and State of Vermont, have invented certain new and useful Improvements in Pruning-Saws; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in pruning-saws; and it consists in so securing the saw to the handle that it may be readily given any angle to the same which shall best adapt it to most convenient and effective use by the operator without increasing its weight, complicating its manner of attachment, or in any way interfering with its ease of handling through the tree.

In the accompanying drawings, Figure 1 is a side elevation of my improved saw, showing it set at an angle. Fig. 2 is a longitudinal vertical sectional view of Fig. 1. Fig. 3 is a longitudinal sectional view. Fig. 4 is an enlarged side elevation, showing a modified form for holding the blade.

Referring now to the drawings, A represents the long handle or pole usually employed in such work, to the upper end of which flat metallic bars B are securely bolted on its opposite sides. These are designed to hold the saw-blade C, which is pivoted between them. They extend beyond the end of the handle or pole A sufficiently far to receive between them the greater portion of the saw C when not in use and turned down against the handle. The saw-blade C, being pivoted at *b* to the bars B, can be readily turned to any desired angle to the handle A and there rigidly held by the hooked end of the spring D when inserted into the holes *d d* of the side bars B and passed through one of the series of holes near the heel of the saw-blade C, which corresponds to it, or, if preferred, a thumb-screw F, with a corresponding circular slot *f* in the saw-blade can be used to secure the saw at the angle desired.

A small hook E is secured to the handle A

for pulling down or otherwise removing a limb or branch which has been severed from the tree.

The saw is principally used above the operator, and it is therefore apparent that the pitch of the teeth should be somewhat increased.

The advantage of the above-described pruning implement is that it is composed only of the parts absolutely essential and all combined in the simplest, most convenient, and effective manner to perform the work desired. It is perfectly adapted to any position occupied by the operator and to the location of the limb to be cut, and having no outwardly-projecting parts it is as easily passed among the tree branches as if it consisted of a single pole.

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

1. A pruning device, consisting of a handle, outwardly-extending plates carried by the handle and having oppositely-arranged openings, a saw-blade pivotally mounted between said plates and having a series of segmentally-arranged openings, and a spring-arm carried by the handle and having an inwardly-extending stud passing through the opening in one of said plates and one of the series of openings in the blade and entering the opening in the opposite plate.

2. A pruning device, consisting of a handle, outwardly-extending plates carried by the handle, a saw-blade pivotally mounted between said plates and having a series of openings on the inside of the pivotal connection, and a spring-arm carried by the handle and having an inwardly-extending stud passing through an opening in one of said arms and adapted to enter one of said series of openings in the saw-blade.

In testimony whereof I do affix my signature in presence of two witnesses.

CHARLES T. HOLMES.

Witnesses:

VERNON A. BUNARD,
BESSIE H. WELLER.