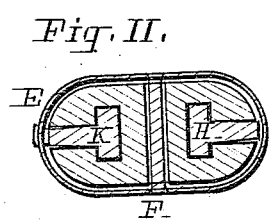
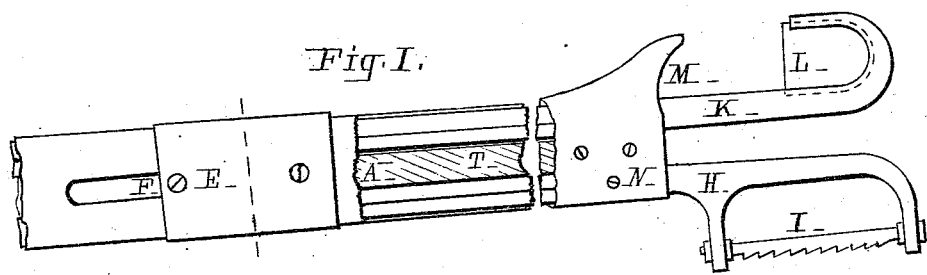


C. B. CANNON.
Pruning-Implements.

No. 161,381.

Patented March 30, 1875.



Inventor: -
 Witness - } Charles Bathurst Cannon,
 C. S. Abel. By Saml. J. Wallace -
 J. M. Hartnett. Attorney -

UNITED STATES PATENT OFFICE.

CHARLES B. CANNON, OF KEOKUK, IOWA.

IMPROVEMENT IN PRUNING IMPLEMENTS.

Specification forming part of Letters Patent No. **161,381**, dated March 30, 1875; application filed July 13, 1874.

CASE B.

To all whom it may concern :

Be it known that I, CHARLES BATHURT CANNON, of Keokuk, Lee county, Iowa, have invented a Pruning Implement, of which the following is a specification :

This invention consists in a novel construction of the handle and cutting-parts of a pruning implement. It is made substantially as hereinafter more fully described and set forth, referring to the accompanying drawings, in which—

Figure I is a view of my improved pruning implement, a portion broken away to show inside parts; and Fig. II is a cross-section of the same.

The handle A is made of wood or other material, of suitable length to reach into tops of trees, or where it is desired to prune. It has a saw-frame, H, at the top, with saw I, to be used on the larger branches. This is held by a part fitting into a groove in one side of the handle, with any suitable means of attachment—as a screw, N, or other means—and arranged so it may be loosened and run down the groove out of the way. On the other side of the handle are parts M, extending out separately from the two sides. A bar, K, works in a groove on this side, bears a cutter-blade, L, to work down against and between these

two parts M, and cut the smaller branches, the parts on the two sides holding the branches so as not to spring the cutter to one side and break it. The part K extends down in the handle to the bottom, and at a distance of two or three feet there are shield-rings E around the handle, attached to the part K, so that the hand may be placed on this ring to move the cutter, while the handle is held by the other hand between the rings, either ring being used, as the distance of the object requires. The parts K H run in grooves made wide at the back; and these parts are formed to fit so as to be held in securely.

I claim—

1. The combination, in an improved pruning-tool, of the double grooved and slotted handle A, the saw and cutting operating shafts H K, and the sleeve-rings E, all made, arranged, and operating substantially as set forth.

2. The pruning-tool, with a number of sleeve-rings, E, fixed at intervals on the handle for use in operating the tool at different distances without adjustment, as set forth.

CHARLES BATHURT CANNON.

Witnesses:

JOE P. CREEL,
R. M. MARSHALL.