(No Model.)

G. KLINEFETTER & J. W. NASH.

PRUNING TOOL.

No. 527,116. Patented Oct. 9, 1894.

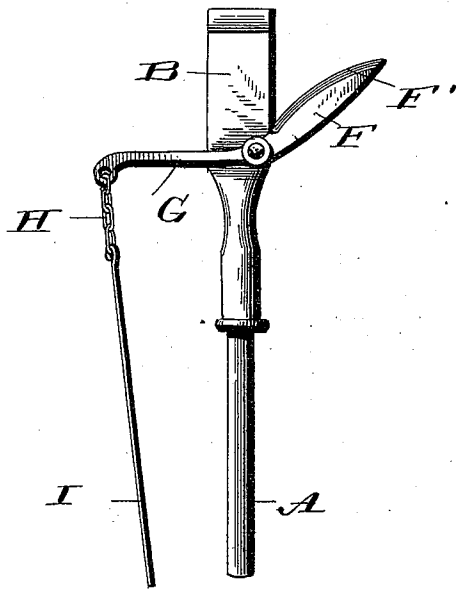


Fig. 1.

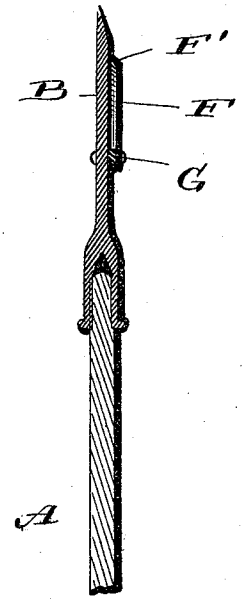
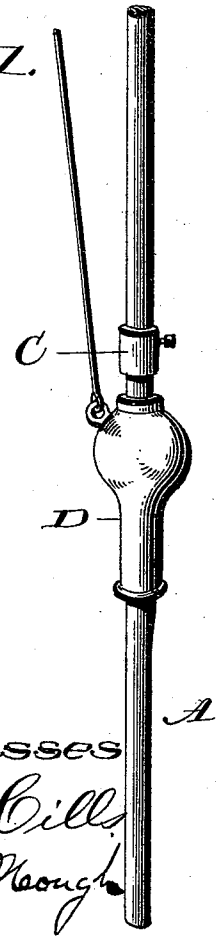


Fig. 2.



Witnesses
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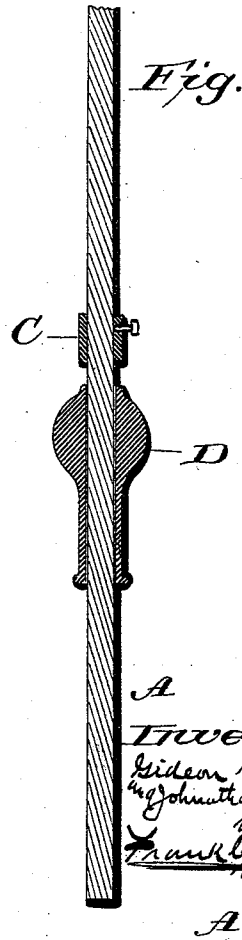

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UNITED STATES PATENT OFFICE.

GIDEON KLINEFETTER AND JONATHAN W. NASH, OF NORTONVILLE, KANSAS.

PRUNING-TOOL.

SPECIFICATION forming part of Letters Patent No. 527,116, dated October 9, 1894.

Application filed July 3, 1894. Serial No. 516,471. (No model.)

To all whom it may concern:

Be it known that we, GIDEON KLINEFETTER and JONATHAN WHIFFLE NASH, citizens of the United States, residing at Nortonville, in the county of Jefferson and State of Kansas, have invented certain new and useful Improvements in Pruning-Tools; and we do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in that class of pruning implements which are designed for pruning branches growing at a considerable distance from the ground, without necessitating the use of a ladder, and the invention has for its object to improve upon the construction of this class of appliances and to provide in connection with a chisel blade carried by a suitable supporting device or pole, of means whereby the chisel edge may be forced suddenly against the branch to be severed.

A further object of the present invention consists in pivoting to the face of the chisel blade a shear or cutting blade for use in severing smaller branches or twigs and in connecting the long arm of said shearing blade with the sliding weighted handle, whereby by a downward movement of the said handle the blade of the shear will be closed.

To these ends and to such others as the invention may pertain, the same consists in the peculiar construction and in the novel combination, arrangement, and adaptation of parts all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings—

Figure 1 is a perspective view of a pruning implement embodying our improvements. Fig. 2, is a longitudinal section of the same.

Reference now being had to the details of the drawings by letter, A designates a pole which may be constructed of either wood or metal, but preferably of wood and is of about the diameter of an ordinary rake handle. This pole A has secured to its upper end a chisel blade B in all respects similar in form to the chisels which are in common use. At a point near its lower end the pole has securely attached thereto a heavy collar or metallic ring C.

D is a heavy casting having a central opening to permit of its being sleeved upon the pole A, and at its lower end the said casting is fashioned into a suitable handle which may be readily grasped by the hand of the operator.

F is a shear blade which is provided with the usual cutting edge F'. This shear blade is pivoted to the face of the chisel blade, the pivotal point being near the lower end of the chisel blade, and a lateral arm or lever G is provided, to the outer end of which is attached one end of a short chain H the opposite end of said chain being attached to one end of a rod I the opposite end of which is attached to the sliding weighted handle D.

The operation of the device will be readily understood. When a large branch is to be cut, the cutting edge of the chisel is placed in contact with the limb. A sudden upward movement of the weighted handle will serve to impart a sudden blow to the chisel which will result in severing the limb. It will be seen that a reverse movement of the weighted handle will serve to close the cutting shear, thus providing a means for severing smaller limbs and twigs.

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

The herein described pruning implement, comprising the handle, a chisel-blade secured to one end of said handle, a shear blade piv-

oted to the face of the chisel blade and provided with a lateral arm, a collar secured to the handle, a sliding weighted sleeve mounted on the handle, a rod connected at one end to said sleeve and a chain connecting the other end of said rod with the lateral arm of the shear blade, all substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

GIDEON KLINEFETTER.
JONATHAN W. NASH.

Witnesses:
D. E. SUMMERS,
I. M. NEWELL.