

(No Model.)

C. F. DEAN.
PRUNING IMPLEMENT.

No. 314,230.

Patented Mar. 24, 1885.

Fig. 1.

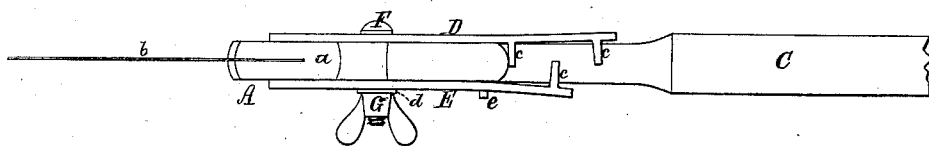


Fig. 2.

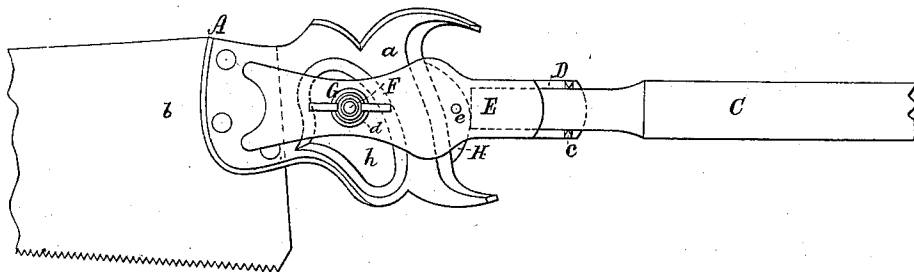


Fig. 3.

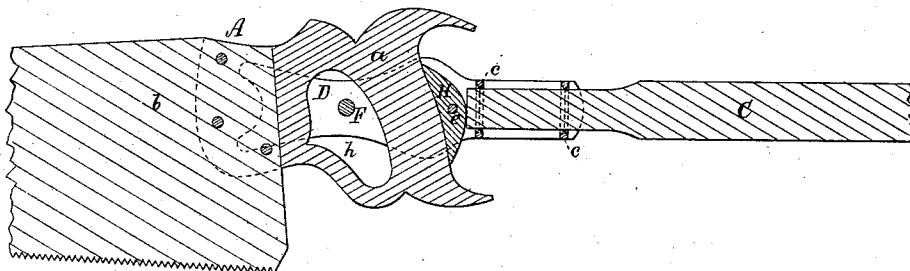


Fig. 4.

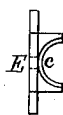
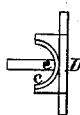


Fig. 5.



Witnesses

S. N. Piper

E. A. Pratt.

Inventor

Chester Farr Dean.

by R. H. Eady att'y.

UNITED STATES PATENT OFFICE.

CHESTER FARR DEAN, OF ST. JOHNSBURY, VERMONT, ASSIGNOR, BY MESNE ASSIGNMENTS, TO HIMSELF AND HARVEY S. CALDERWOOD, OF SAME PLACE.

PRUNING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 314,230, dated March 24, 1885.

Application filed May 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHESTER FARR DEAN, of St. Johnsbury, in the county of Caledonia, of the State of Vermont, have invented a new and useful Improvement in Saw and Pole Attachments; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

10 Figure 1 is an upper edge or top view, Fig. 2 a side view, and Fig. 3 a longitudinal section, of portions of a saw and pole with my improved connection applied thereto. Figs. 4 and 5 are end views of the two clamping-
15 plates.

The nature of my invention is defined in the claim hereinafter presented, it being for the purpose of attaching a pruning or other saw provided with a handle to a pole, in order
20 for the saw to be operated by a person having hold of the pole by his hands.

In pruning trees with a saw it is frequently difficult or inconvenient to accomplish such by a person having his hand grasping the han-
25 dle of the pruning-saw.

My invention is designed to enable him to stand on the ground or to reach from any position in or under a tree far into it to detach from it by a saw any limb or portion of the
30 tree.

In the drawings, A denotes part of a saw, of which *a* is the handle, and *b* a portion of the blade, while C represents part of a pole connected to the said handle by my attach-
35 ment, to be described. The said attachment

consists in a measure of two metallic plates, D E, arranged against opposite sides of the saw-handle and projecting rearward therefrom, and provided with curved jaws or notched or recessed projections *c c c*, to grasp
40 the pole in manner as shown. A headed screw-bolt, F, goes through both plates and the hand-opening *h* of the saw-handle, and is provided with a nut, G, to screw on the screw of the
45 bolt and against one of the plates or a washer, *d*, between such plate and nut. Between the two plates and for the saw-handle to rest against there is a crescent-shaped abutment, H, which
50 at its middle turns freely on a pin, *e*, extending from one to and through the other of the two plates. This abutment constitutes a back
55 rest for the saw, and turns with it, as it may be moved either into line with the pole or into a position oblique thereto.

When the pole and the saw-handle are placed
60 between the two plates in manner as shown, and the hand-nut is properly screwed up, the pole and saw will be connected together in order for the saw to be worked by a person
65 having hold of the pole.

I claim—

The combination of the pole and saw with the pivoted abutment, the two jawed plates, and their clamping screw and nut, arranged
70 with the handle of the saw, and with the said pole, substantially as set forth.

CHESTER FARR DEAN.

Witnesses:

R. H. EDDY,
E. B. PRATT.