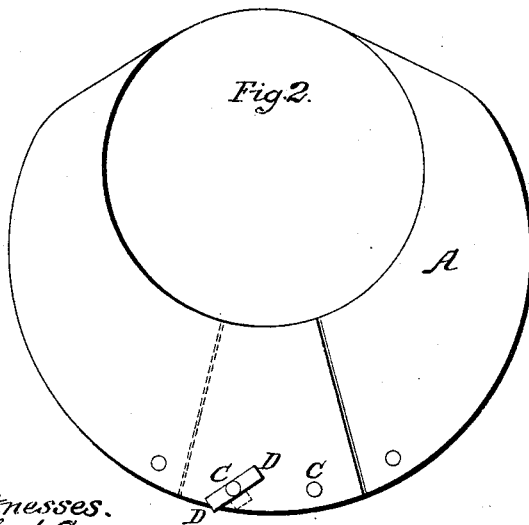
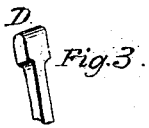
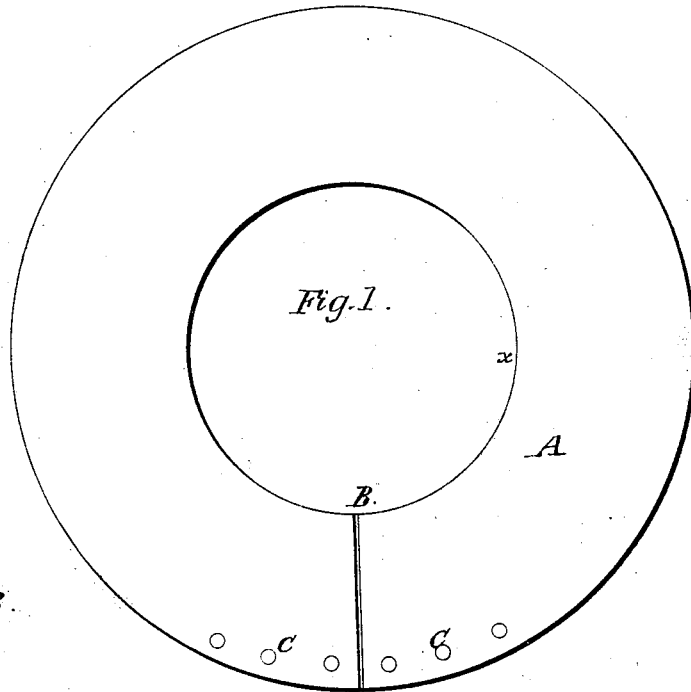


D. KNOWLTON.

Tree-Protector.

No. 53,836.

Patented Apr 10, 1866.



Witnesses.
Robert S. Brown
L. Luchs.

Inventor.
Dallas Knowlton.
by
Franklin Reigant
Atty.

UNITED STATES PATENT OFFICE.

DALLAS KNOWLTON, OF LIBERTY, MAINE.

IMPROVEMENT IN TREE-PROTECTORS.

Specification forming part of Letters Patent No. 53,836, dated April 10, 1866.

To all whom it may concern:

Be it known that I, DALLAS KNOWLTON, of Liberty, county of Waldo, and State of Maine, have invented a new and Improved Mode of Preventing Caterpillars and Worms from Climbing the Trunks of Trees; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in cutting out a circular metallic plate to fit the size of the trunk of a tree, about two inches in width, and having apertures and a pin or fastening to tighten the plate and draw the outside edge downward, forming a cone, to prevent caterpillars or other insects from climbing up the trees.

Figure 1 represents the metallic plate; Fig. 2, the cone; Fig. 3, the pin or fastening.

The plate A is two inches in width, and is made to fit any size trunk of a tree, being divided at B, and having apertures C, in which to insert the pin or fastening D, that has a head on one side and a fork at the lower end to clinch on the opposite side of the plate and fasten the plate in a cone shape, so that caterpillars and insects cannot get up the trunks of trees.

What I claim as my invention, and desire to secure by Letters Patent, is—

A tree-protector having plate A, cut open on one side, as represented, and having apertures C therein, with pin D, all constructed, combined, and arranged substantially as herein specified, as a new article of manufacture.

DALLAS KNOWLTON.

Witnesses:

J. C. KNOWLTON,
JAMES PLACE.