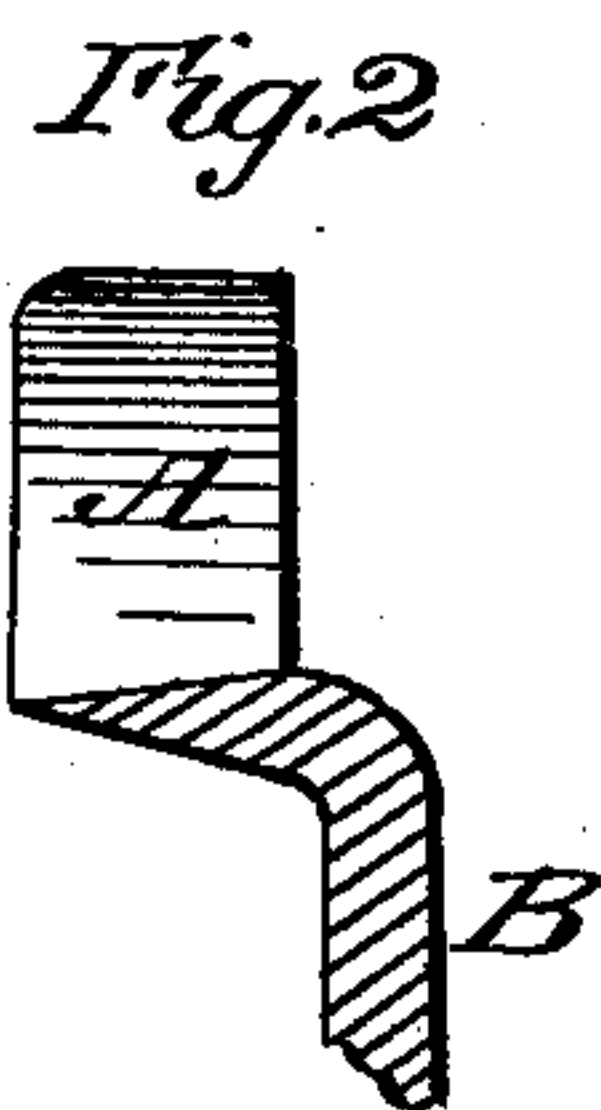
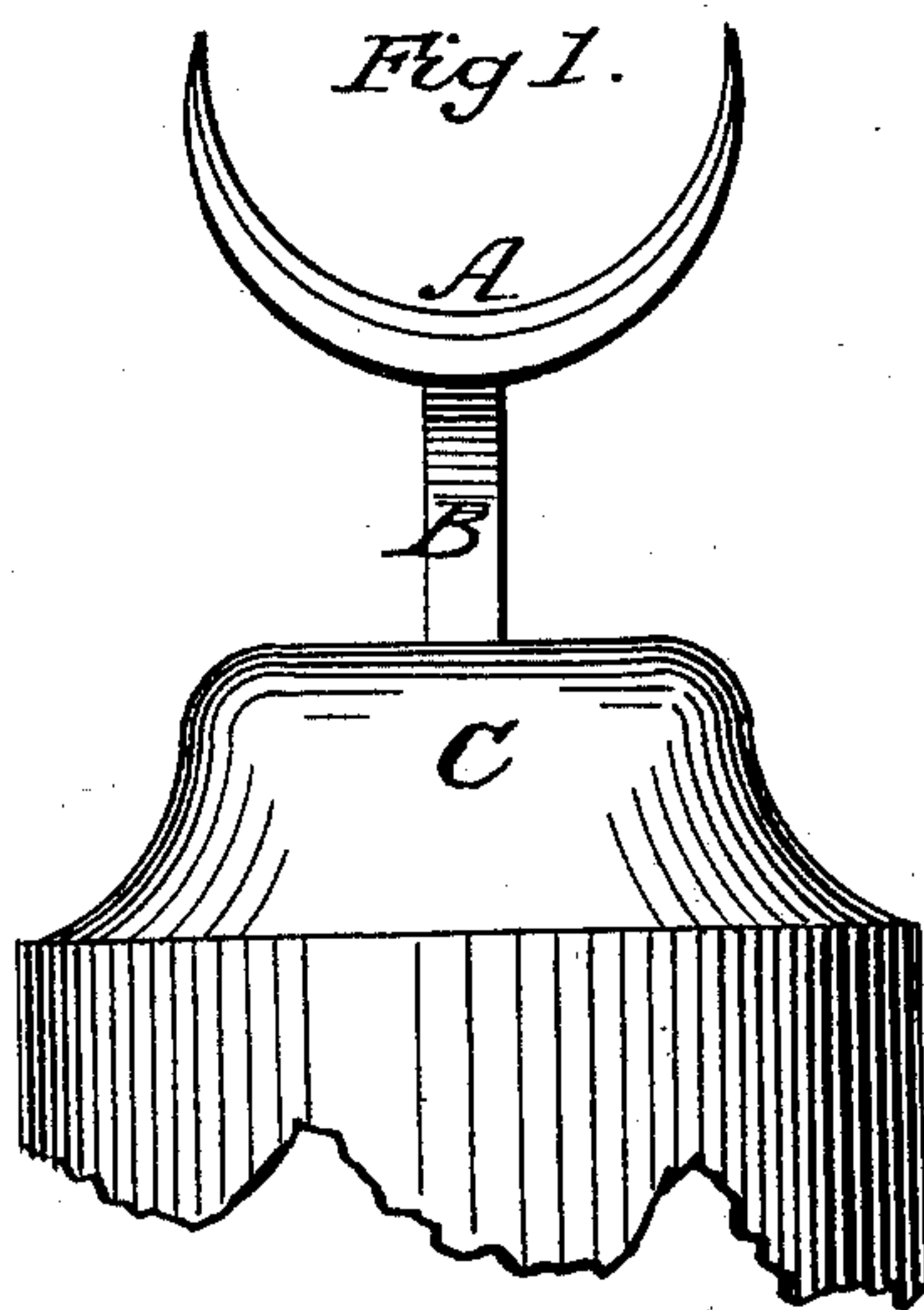


H. FORNCROOK.
Hop Pole Cleaner.

No. 80,468.

Patented July 28, 1868.



Witnesses.

C. H. Bishop
Chas. Hadaway

Inventor.

Henry Fornecrook
by Prindle ^{and} Co

United States Patent Office.

HENRY FORNCROOK, OF WATERTOWN, WISCONSIN.

Letters Patent No. 80,468, dated July 28, 1868.

IMPROVEMENT IN HOP-POLE CLEANER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY FORNCROOK, of Watertown, in the county of Jefferson, and State of Wisconsin, have invented an Improved Tool for Cleaning Hop-Poles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a front elevation.

Figure 2 is a vertical section.

Much time, labor, and expense have heretofore been necessary in preparing hop-poles for use, by removing the limbs, knots, and rough bark, whereby the cost of raising hops has been materially increased, to obviate which my invention is designed.

It consists in the preparation and use of a semicircular knife, conveniently placed, so that from one-third to one-half of the circumference of the pole may be operated upon at the same time, as is fully described below.

A represents a knife, seven inches long, one and one-half inch wide, and one-fourth of an inch thick at its back, the ends of which are curved upwards, forming nearly half a circle.

Attached to the back of the knife, and forming a part of the same, is a shank, B, one-half inch square, which is bent downwards at a right angle to the upper or inner face of the knife, and secured in a perpendicular position by being driven into a block of wood, C, which is embedded in the ground, or firmly held in place by any means deemed best.

The operator, placing himself at the back side of the knife, grasps the pole by its lower or large end, and places it on the knife, when, by drawing it towards him, a portion of the limbs, knots, and rough bark is removed each time.

The advantages claimed for this invention are, that, by its use, the work is more thoroughly done, and in one-fourth the time that is possible by other means, and the expense reduced in a corresponding degree.

Having thus fully set forth the nature and merits of my improvement, what I claim as my invention, and desire to secure by Letters Patent, is—

A hop-pole cleaner, rosser, and trimmer, constructed in the manner and for the purpose substantially as herein specified.

In testimony that I claim the foregoing, I have hereunto set my hand and seal, this 6th day of May, 1868.

HENRY FORNCROOK. [L. S.]

Witnesses:

FRANK SANDERSON,

WM. T. ALLEN.