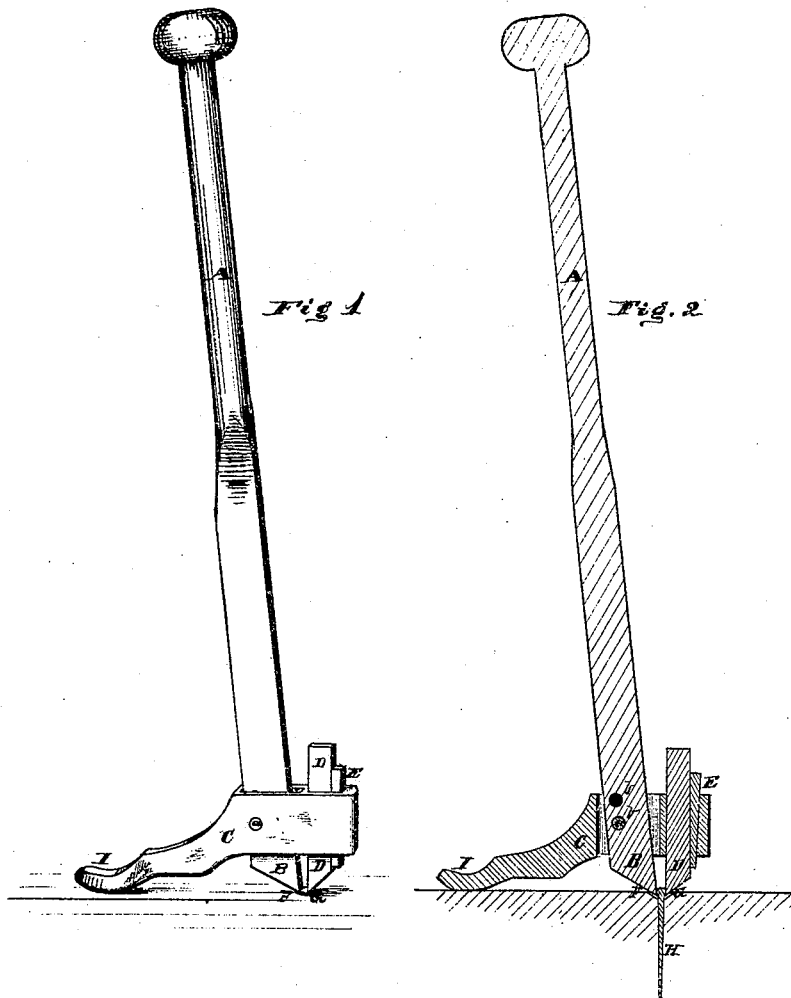


G.C. Taft,

Nail Extractor.

No. 107,121.

Patented Sept. 6. 1870.



witnesses

Thos. H. Dodge
A. E. Peirce

Inventor

G. C. Taft

United States Patent Office.

GEORGE C. TAFT, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 107,121, dated September 6, 1870.

IMPROVEMENT IN NAIL-EXTRACTOR.

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, GEORGE C. TAFT, of the city and county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Nail-Pullers; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms part of this specification, and in which—

Figure 1 represents a perspective view of my improved nail-puller, and

Figure 2 represents a central vertical section of the same.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The nature of my invention consists in an improved nail-puller, as hereafter described.

In the drawing—

The part marked A is the hand-lever, the lower end of which forms the rear jaw B.

C is the foot-piece, and

D the front jaw.

The lever A passes through and is pivoted to the foot-piece C by the pivot-pin *a*, sufficient space being allowed between the parts to permit free action of the lever A and foot-piece C.

Two holes, *b b*, are formed through the lever A, so that it can be adjusted to different positions by removing the pivot-pin *a*, and resetting it in the different holes *b*.

The front jaw D is secured in the forward end of the foot-piece C, where it is held securely in place by a wedge, E, as shown in the drawing, and, it will be observed, the jaw D can readily be adjusted out or in by loosening the wedge E.

It will be observed by those skilled in the art to

which my invention belongs, that, by making the jaws B and D adjustable, they can at any time be set out, to compensate for the wearing away of their points, F and G, with use, and may, also, be adjusted to pull nails of different sizes with greater facility than the ordinary pullers, inasmuch as the jaws, when properly adjusted, will grasp the nail-heads of the nails with a firm, square hold, and are, therefore, less liable to slip off.

The operation is as follows:

The points F G of the jaws B D are inserted at opposite sides of the nail H, and are driven into the wood sufficiently far to allow them to embrace the nail-head. The operator then draws back the top end of lever A, while the heel I of the foot-piece C, which rests upon the board, acts as a fulcrum, and causes the jaws D and B to embrace and firmly grasp the nail-head, and, also, at the same time, to swing upward, which latter motion draws the nail from the wood with ease and dispatch.

I am aware that the lever A has been provided with a jaw sliding upon it, so as to be adjustable up and down. This I do not claim, as, by making the foot-piece adjustable on the lever, I am enabled to make the jaw and lever in one piece.

What, therefore, I claim, and desire to secure by Letters Patent, is—

A nail-puller, composed of the jaw and lever A B, made in one piece, the vibrating and adjustable foot-piece C, and the adjustable jaw D, held in said foot-piece, said parts being constructed and arranged for joint operation, as shown and set forth.

GEO. C. TAFT.

Witnesses:

THOS. H. DODGE,
A. E. PEIRCE.