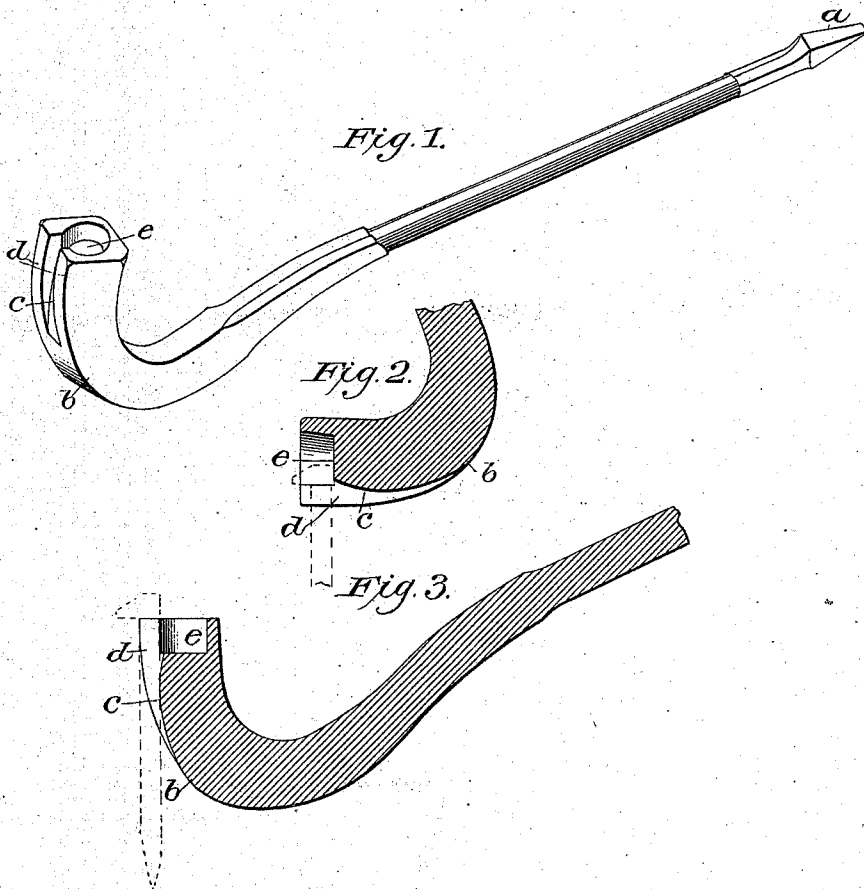


B. B. WOOD.
Spike Drawer.

No. 106,015.

Patented Aug. 2, 1870.



Witnesses:

Fred. Hayes
R. R. Rabun

Inventor:

B. B. Wood
per *Crown Coombs & Co.*
Attorneys

United States Patent Office.

BENJAMIN B. WOOD, OF NEGAUNEE, MICHIGAN.

Letters Patent No. 106,015, dated August 2, 1870.

IMPROVEMENT IN SPIKE-DRAWER.

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, BENJAMIN B. WOOD, of Negaunee, in the county of Marquette and State of Michigan, have invented a new and useful Improvement in Spike-Drawers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, and in which—

Figure 1 represents a view in perspective of a spike-drawer constructed in accordance with my improvement, and

Figure 2, a longitudinal section of the same, in part, showing the manner in which its claw-end is introduced under the head of the spike to draw the latter; and

Figure 3, a similar view, indicating the position of the device when completing its drawing action.

Similar letters of reference indicate corresponding parts.

My improvement consists in a claw-bar or instrument of improved construction for drawing railroad and other spikes without injuring or impairing them by bending for future use.

Referring to the accompanying drawing, the claw-bar or instrument there represented is formed at its one end with a chisel-shaped nose, *a*, for indenting the wood or surface under the head of the spike, to make room for the introduction of the opposite or claw-end of the bar. This latter end, which forms a movable or sliding fulcrum portion, is of curved or rounded form, as at *b*, and has a slot, *c*, of gradually diminishing depth from its outer end, on the outside edge of the bar, having sides, *d d*, thereto, and connecting, at

the upper or outer end of the claw, with a cavity, *e*, made therein. This slot *c* should be of sufficient width to receive within it the body of the spike, but not allowing of its head to pass therethrough.

Room having been made by the chisel-end *a* for insertion of the claw under the head of the spike, the latter is applied, as represented in fig. 2, so as to introduce the inner edges of the sides *d d* of the slot *c*, lying within the cavity *e*, under the head of the spike, to start the latter. The tool is then kept pushed up toward the spike, and borne or worked downward at its back end, causing it to slide on its rounded or fulcrum portion, until, as the drawing proceeds, the outer ends of the claw bear under the head of the spike, as represented in fig. 3, said spike, by the construction and action of the claw, as described, being drawn straight, or nearly so.

I am familiar with the patent, No. 37,172, dated December 16, 1862, for a somewhat similar device, but differing in some particulars from my invention. This therefore I do not claim; but

What is here claimed, and desired to be secured by Letters Patent, is—

The spike-drawer, formed at its one end, *b*, and slotted, as at *c*, to constitute a claw, having sides, *d d*, of diminishing depth from a cavity, *e*, in the outer end of the claw, and with a chisel-point, *a*, at its opposite end, substantially as shown and described, for the purposes set forth.

B. B. WOOD.

Witnesses:

L. J. PIERCE,
JAMES MATHEWS.