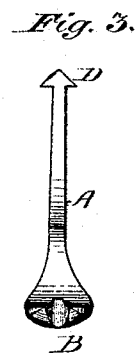
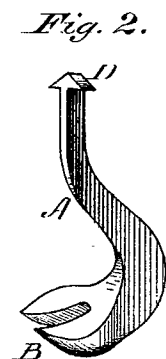
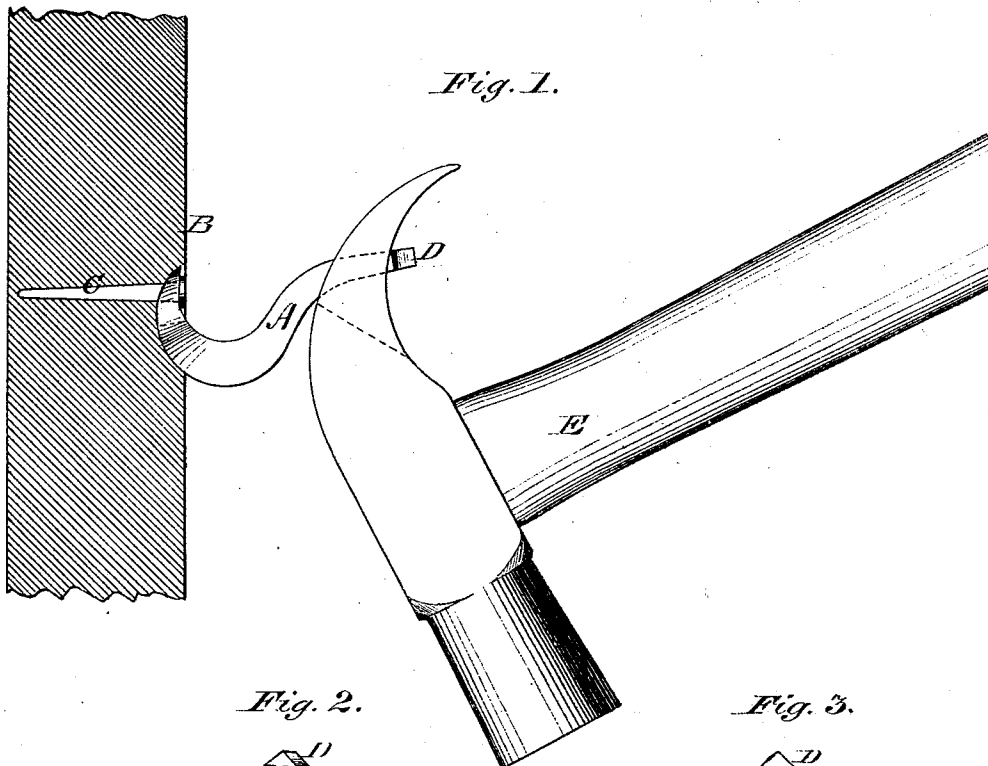


*W. G. Ward,
Nail Extractor.*

No. 110,176.

Patented Dec. 13, 1876.



*Witnesses:
T. C. Bucht.
Phil. T. Dodge*

*Inventor:
W. G. Ward
by Dodge & Munn
his attys*

United States Patent Office.

WESLEY G. WARD, OF FAYETTE, NEW YORK.

Letters Patent No. 110,176, dated December 13, 1870.

IMPROVEMENT IN NAIL-EXTRACTORS.

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, WESLEY G. WARD, of Fayette, in the county of Seneca and State of New York, have invented certain Improvements in Implements for Extracting Nails, of which the following is a specification, reference being had to the accompanying drawing.

My invention relates to nail-extractors, and consists in the production of a new implement made for the purpose of drawing nails, spikes, or similar articles, with the aid of an ordinary claw-hammer, as hereinafter explained.

In the drawing—

Figure 1 is a side view of my new nail-extractor, showing how, in connection with an ordinary claw-hammer, it is to be used;

Figure 2 is a perspective view of the same; and

Figure 3 is an edge view.

The object of my invention is to provide a new, simple, cheap, and convenient implement that may be used, in connection with an ordinary claw-hammer, for extracting nails, spikes, and similar articles, the heads of which are flush, or nearly so, with the wood into which they have been driven; and for so extracting them as not to split the wood.

To accomplish this object, I make an implement, A, of metal, and in the form clearly shown in fig. 2, and also, in figs. 1 and 3.

One end of this implement is made with claws, B, the ends of which taper to a point, while the opposite

end is made with a head, D, and the portion intervening is curved, as shown in said fig. 2.

In applying this implement the points of the claws are held so as to straddle the head of a nail, C, and these points are then driven by an ordinary hammer, E, under the head of the nail, as shown in said fig. 1. The claws of the head of the hammer E are then engaged with the head of the implement, when the two, being locked, form a long leverage for starting the nail, as shown in the same figure. After the nail is thus started the claws of the hammer can be applied to it in the ordinary way.

The portion of my implement which bears directly upon the material, when the nail is being extracted, may be made sufficiently broad to prevent its sinking into it.

This implement, it will be seen, can be made of any size desired, but it is more especially designed to accompany an ordinary-sized hammer, and I usually make it of a size suitable for that purpose.

Having thus described my invention,

What I claim, is—

A nail-extractor, A, consisting of a single piece of metal curved, as herein shown and described, with a claw, B, at one end for insertion under the head of a nail, and a head, D, at the other for the application of a hammer, as set forth.

Witnesses:

WESLEY G. WARD.

H. B. MUNN,
PHIL. T. DODGE.