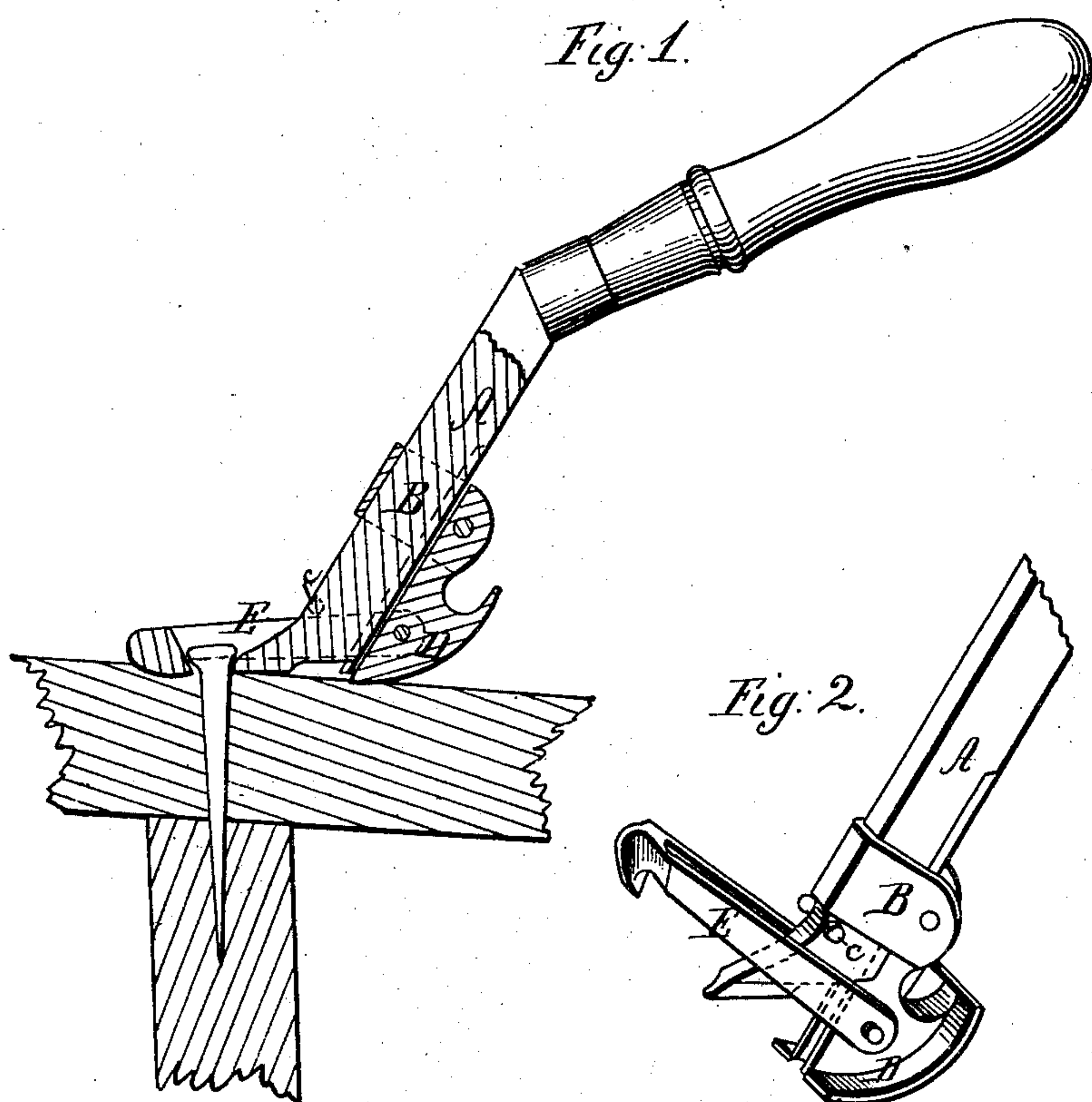


J. TYZICK.  
NAIL EXTRACTOR.

No. 78,699.

Patented June 9, 1868.



*Witnesses;*  
*A. J. H. Hilton*  
*L. C. Paul*

*Inventor;*  
*James Tyzick*  
*By his Atty J. Edwin Sherman*

United States Patent Office.

JAMES TYZICK, OF ST. JOHN, NEW BRUNSWICK.

*Letters Patent No. 78,699, dated June 9, 1868.*

IMPROVEMENT IN NAIL-EXTRACTORS.

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

Be it known that I, JAMES TYZICK, of St. John, in the Province of New Brunswick, have invented a new and useful Improvement in a Machine for Extracting Nails, called "The Tyzick Nail-Extractor;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of the specification, in which—

Figure 1 is a longitudinal section of it.

Figure 2 is a perspective view.

In the construction of my nail-extractor, I use three pieces:

The first, a flat bar, marked A, of steel malleable iron, or other metal, the lower half of which is bevelled on the lower edge, the upper edge being turned up, so as to form a raised projecting point at the lower end of it.

The second piece, marked B, is a clasp fitting snugly to the bar, which is provided with a stud or guide-pin, c, to prevent the clasp sliding off the end. Attached to the clasp is a sliding fulcrum, D, grooved on the upper side, to receive the bevelled edge of the bar A, the lower side of the fulcrum being double flanged, with a convex surface. This piece may be made in one solid piece, and composed of steel, brass, malleable iron, or other suitable metal.

The remaining piece, marked E, is a movable "slotted" hook or griper, attached to the fulcrum loosely by means of a rivet, and so constructed as to hook over the head of the nail, when applied as represented in fig. 1. This piece can be made of steel, malleable iron, or other suitable metal.

I do not claim broadly the hook or griper, as I am aware it has been used before; but having thus fully described my invention,

What I do claim as new, and desire to secure by Letters Patent, is—

The combination of the lever A, sliding fulcrum D, and hook or griper E, the whole constructed and arranged to operate substantially as specified.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES TYZICK.

Witnesses:

D. B. WARNER,  
CHAS. H. CLUKE.