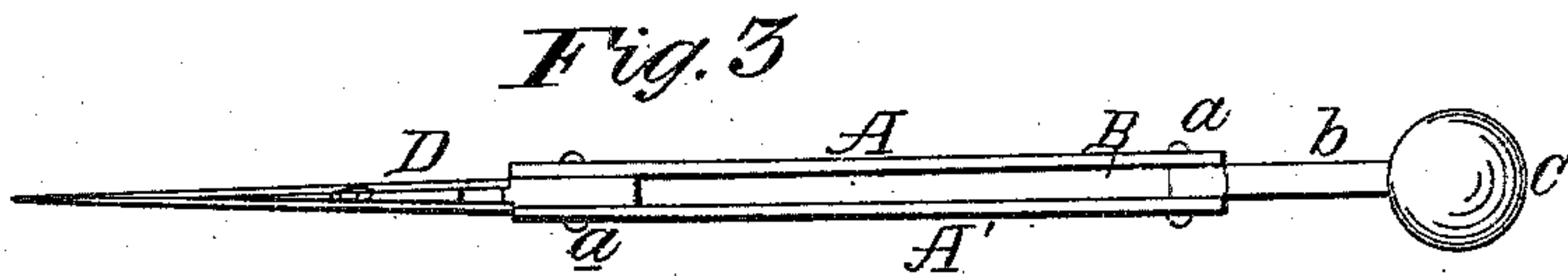
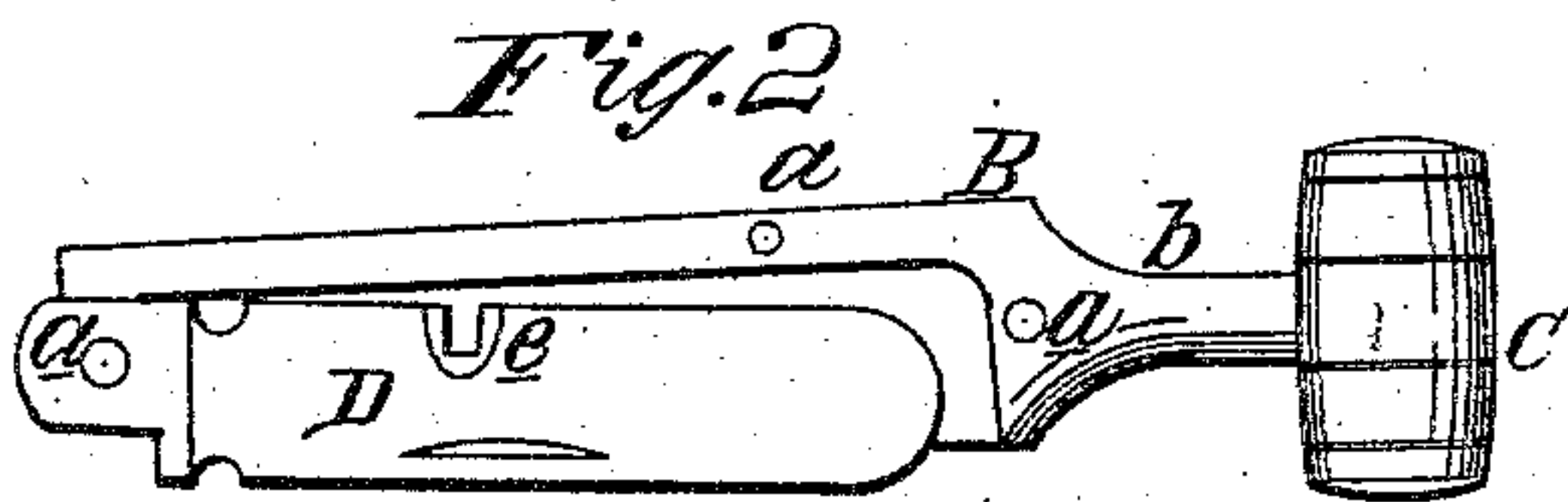
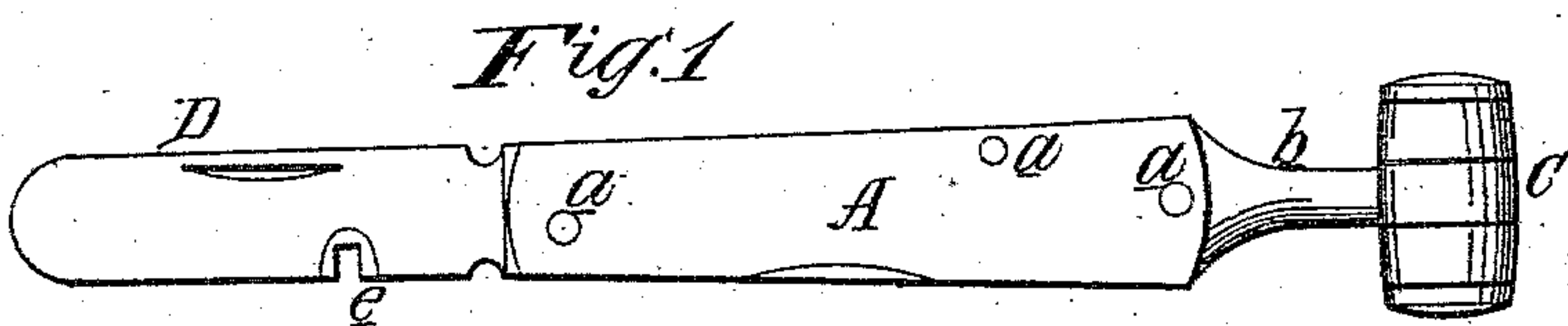


*L. Holtzschelter,*

*Box Opener.*

*N<sup>o</sup> 83,400*

*Patented Oct. 27, 1868.*



*Witnesses:*  
*Wm. Steel*  
*John Parker.*

*Inventor:*  
*L. Holtzschelter*  
*By His Atty*  
*H. Howday*

# United States Patent Office.

LEONARD HOLTZSCHEITER, OF PHILADELPHIA, PENNSYLVANIA,  
ASSIGNOR TO A. B. SHIPLEY, OF SAME PLACE.

*Letters Patent No. 83,499, dated October 27, 1868.*

## IMPROVEMENT IN BOX-OPENERS.

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, LEONARD HOLTZSCHEITER, of Philadelphia, Pennsylvania, have invented an Improved Box-Opener; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of an instrument composed of a handle, a blade, and a block, the whole being constructed and arranged, as described hereafter, so that in one and the same instrument are combined a blade for prying open the lid of a box, a nail-extractor, and a hammer for driving the nails.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a side view of my improved cigar-box opener;

Figure 2, the same, with one of the side plates removed and the blade closed; and

Figure 3, an edge view.

The handle or stock of the instrument consists of two side plates, A and A', (similar to those of an ordinary pocket-knife,) and an intervening distance-piece, B, secured together at suitable points by rivets, *a*, the said distance-piece terminating at one end in a projection, *b*, to which is screwed or otherwise secured, a

block, C, forming the head of the hammer, of which the handle or stock and blade constitute the shaft.

To the opposite end of the handle, between the side plates A A', is hinged a blade, D, rounded and sharpened at its outer end, and having on one edge a notch, *e*.

When the instrument is to be used in opening a cigar or other box, the edge of the blade D is introduced between the lid and side of the box, and the handle used as a lever to detach the lid, after which the nails or tacks may be extracted, by applying the notch to the heads, and using the stock as a lever.

When it is desired to close the lid, the instrument may be used as a hammer to drive the nails.

The blade D may, when the instrument is not in use, be turned upon its hinge, and enclosed within the handle, as an ordinary knife-blade.

I claim as my invention, and desire to secure by Letters Patent—

The within-described instrument, composed of the handle A, blade D, and head C, constructed and arranged as set forth, for the purpose specified.

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

Witnesses: LEONARD HOLTZSCHEITER.

JOHN WHITE,

WM. A. STEEL.