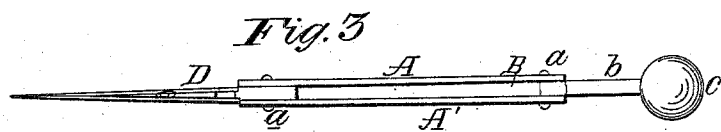
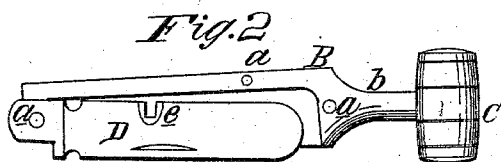
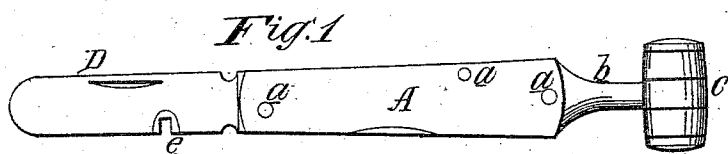


L. Holtzscheiter,
Box Opener.
No 83,400 *Patented Oct. 27, 1868.*



Witnesses:
Wm. Steel
John Parker.

Inventor:
L. Holtzscheiter
By 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.