

A. Heusser,

Box Opener.

No. 103330.

Patented May 24, 1870.

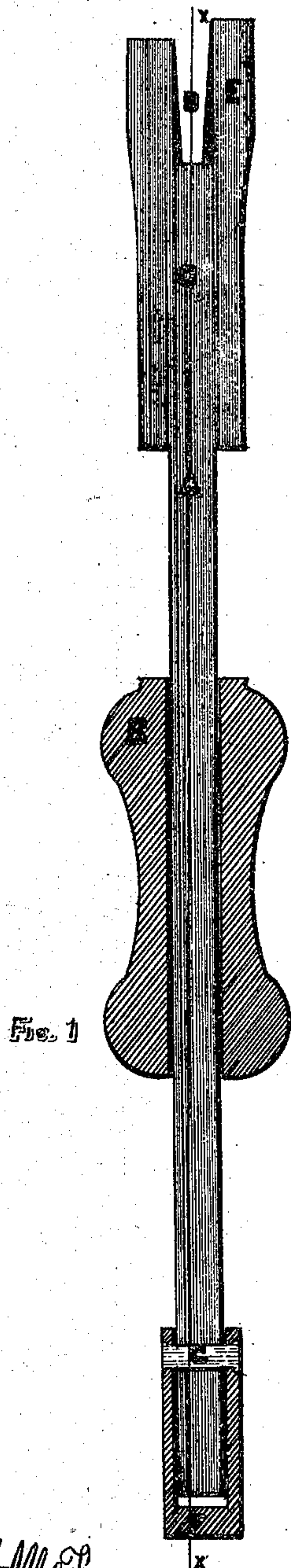


FIG. 1

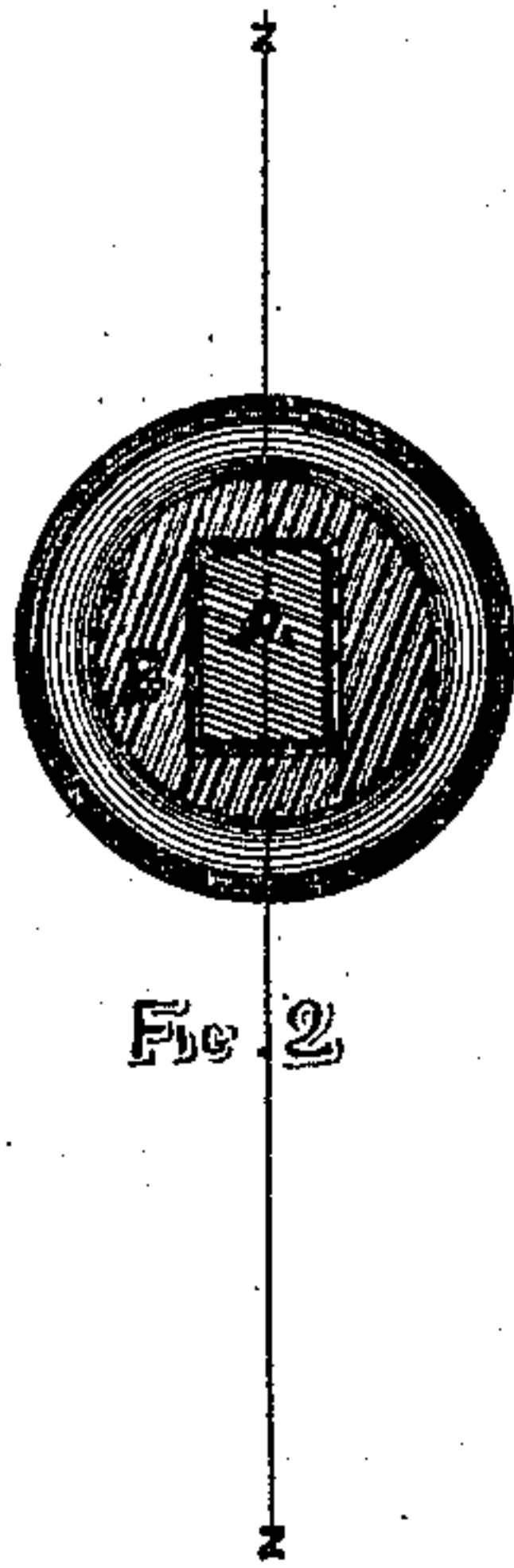


FIG. 2

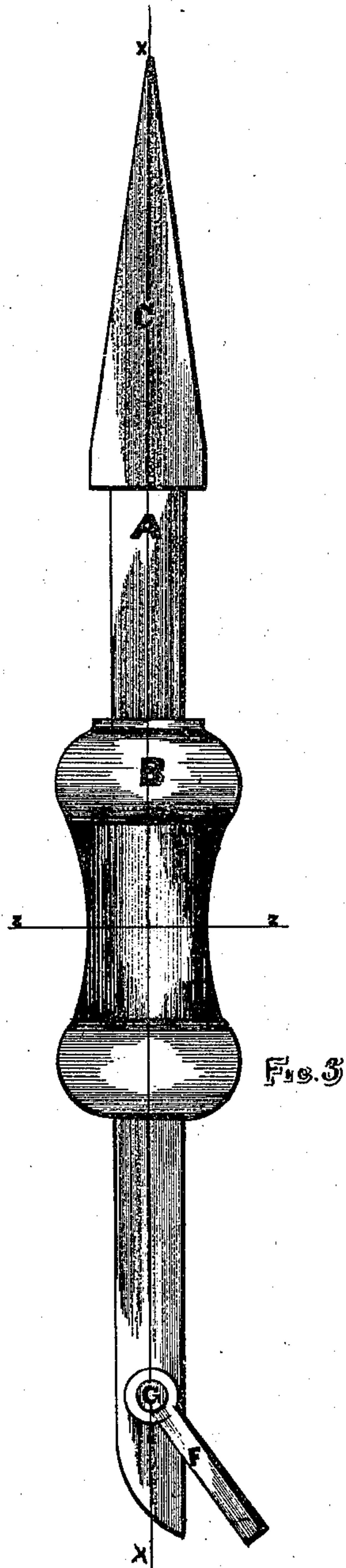


FIG. 3

Robt M. Bryer
Geo R. Quince

WITNESSES

Albert. Heusser INVENTOR

United States Patent Office.

ALBERT HEUSSER, OF ELLINGTON, CONNECTICUT.

Letters Patent No. 103,330, dated May 24, 1870.

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, ALBERT HEUSSER, of Ellington, in the county of Tolland and State of Connecticut, have invented certain Improvements in Tools for Opening Packing-Boxes, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 represents a section through the line *x x*.

Figure 2 represents a section through the line *z z*.

Figure 3 represents an outline view.

Object of the Invention.

My invention consists in the combination of a wedge, a shackle-bar, a reciprocating hammer, a screw-driver, and a claw for drawing nails, arranged in such a manner that the point of the wedge may be driven between a box and its cover, by the force of a blow, caused by reciprocating hammer coming in contact with butt or shoulder of wedge, as it is rapidly reciprocated upon the bar, at the other end of which is attached a shackle for the purpose of removing broken nails, &c., which could not be drawn with an ordinary claw, as is formed by slotting the wedge at the other end of the bar; and the screw-driver, which is formed by increasing the length of one of the tapering sides forming said claw, is for the purpose of removing such screws as may happen to take the place of nails in holding the lid or cover to the box—more thoroughly explained in the following

General Description.

A being a slightly tapered metallic bar, either

square or flat, or any other suitable shape, so that hammer B may be made to reciprocate but not rotate thereon.

Firmly attached to one end of bar A is a metallic wedge, C, provided with a claw, D, one of the sides of which is sufficiently long to answer as a screw-driver, E, and operated by hammer B, which, in this case, acts as a handle for the same, it being held or guided parallel thereto by means above described; shackle F being attached by means of pin G, freely vibrates at one end of the bar A, which if supported and the opposite end raised, the shackle end thereof will be lowered, (it being curved on the bottom side like that of an ordinary crowbar,) and if thus placed against a nail or spike, and the shackle thrown over the same, an appropionate friction will there be caused for every fraction of "power" applied to the other or lever end of the bar; hence, by the use of this device, a broken nail may be as readily drawn as one with a perfect head could be drawn by the use of the claw at the other end of bar.

What I claim as my invention, and desire to secure by Letters Patent of United States, is—

The implement herein shown and described, consisting of the chisel C, bar A, handle B, and shackle F, all the parts being constructed as and for the purpose set forth.

ALBERT HEUSSER.

Witnesses:

C. J. BODFISH,
ROBT. M. FRYER.