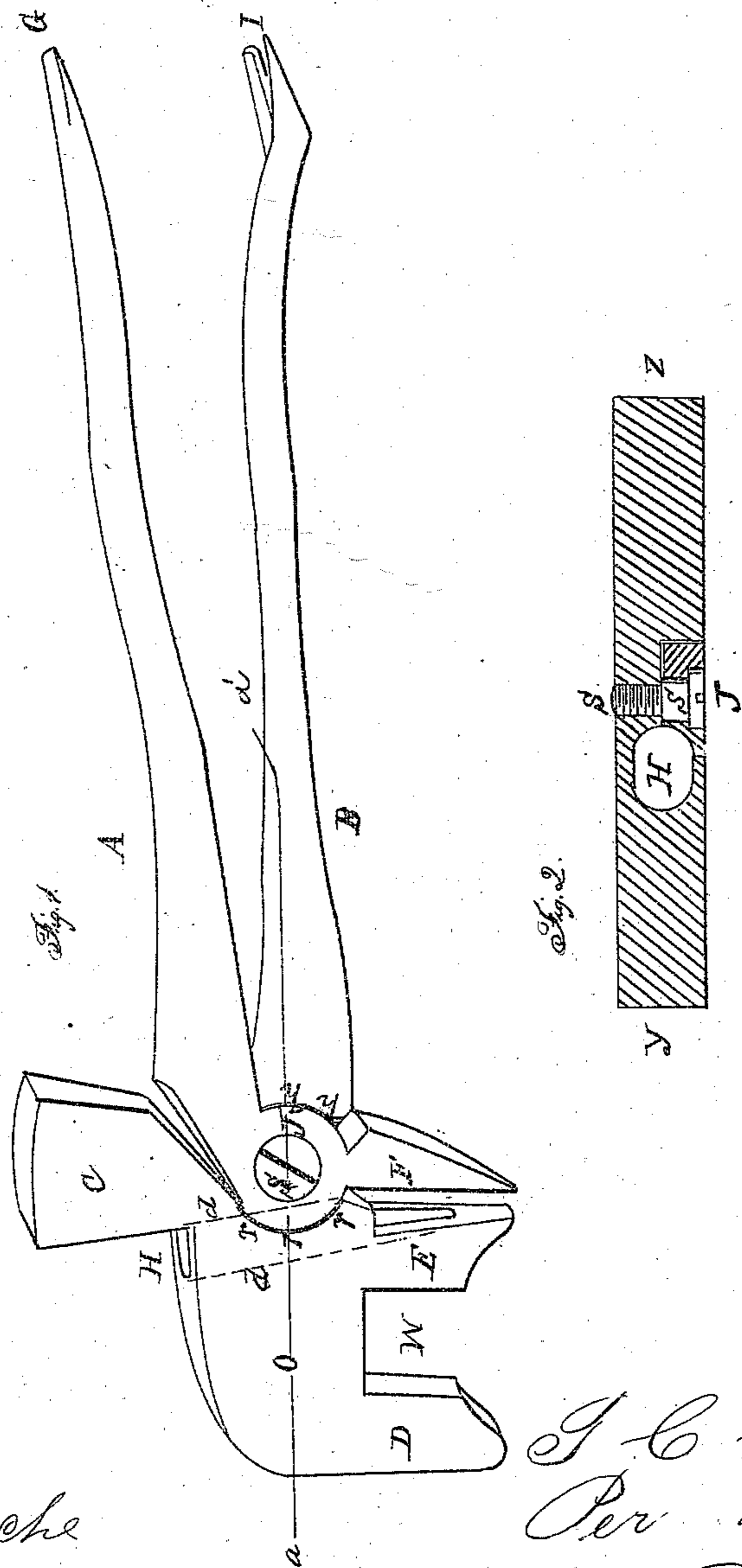


No. 74,992.

PATENTED MAR. 3, 1868.

T. C. COMSTOCK.  
IMPLEMENT.



Witnesses  
Theo. Insoche  
W. Freeman

T. C. Comstock  
Per Murray &  
C. W. Womersley

# United States Patent Office.

THOMAS C. COMSTOCK, OF HARRODSBURG, KENTUCKY.

Letters Patent No. 74,992, dated March 3, 1868.

## IMPROVED IMPLEMENT.

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, THOMAS C. COMSTOCK, of Harrodsburg, in the county of Mercer, and State of Kentucky, have invented a new and improved Nail-Drawer and Hammer; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my nail-drawer and hammer.

Figure 2 is a section through the line *a a'*, fig. 1.

Similar letters of reference indicate corresponding parts.

This invention is a nail-drawing device, having other implements combined in the same tool.

It consists of the general parts shown in the drawing at A, B, C, D, E, F, W, H, J, and O, forming the handles, hammers, fulcrum-nose, beaks, wrench, channel or hole, and joint-bearing, and may be made of any of the metals commonly used for tools, though in practice it is constructed of steel and iron.

The two main parts of this tool are jointed and pivoted together as shown in the drawing, these two parts being halved into each other, and one of them is provided with a circular cheek, J, fitted into the other general part by a circular bearing *r r r*, *h h*, thus giving a greater degree of strength to sustain any strain that may be brought on the tool. On the upper and rear of the part O is a hammer, C, to admit the nail when being drawn. The fulcrum-nose D is formed downward, reaching nearly to the level of the points of the beaks, when the tool is held horizontal. The rectangular recess W, formed between the fulcrum-nose D and the beak E, is for use as a common wrench. A screw-driver, G, is formed upon the end of the handle A. The inner faces of the beaks E F are corrugated, to obtain a firm hold of the nail to be drawn.

In using this tool, the beaks E F are slightly opened, and the points of said beaks are placed at each side of the nail-head, and the hammer C struck with another hammer or mallet, when the beaks will be forced down at each side of the nail-head, thus permitting it to be grasped by the beaks. It needs only to be driven a very short distance to obtain this hold. The handles are then raised, and this action brings the fulcrum-nose D to act as a fulcrum, and permits a leverage upon the nail.

A successive repetition of the operation of lifting and moving the beaks further down, taking a new hold on the nail, is all that is required in the extraction of the most firmly-embedded nail, for the said channel H, extending upward through the part O of the tool, which, as before mentioned, admits the nail. This channel commences from between the beaks, and terminates at the upper surface of the part O, just in front of the hammer C, and its course is shown in fig. 1 by the dotted lines *d d*. It is formed mostly in the part O, though a small portion of the circular disk J is cut away to form a small portion of it. It is by means of this channel that a succession of drawings can be made upon a long nail, or on one that is difficult to extract. The channel is made somewhat larger than the large nails, to admit of a lifting motion of the tool.

The advantages of this invention consist in the thorough and certain performance of the operation of drawing nails, and no matter how long are the nails, or how tough and hard the wood holding them, they can be extracted without breaking by this tool.

This quality, together with the auxiliary attachment before mentioned, renders it a most useful implement for household use, as well as being an available and convenient tool in the workshop.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The nail-drawer and hammer, constructed as described, its handle B provided with the beak E and fulcrum-nose D, forming the wrench W, and also provided with the vertical opening H, for the passage of the nail being drawn, and the handle A, having the sharpened vertical jaw F, all arranged as described, for the purpose specified.

2. The nail-drawer and hammer, when provided with the beak D, jaws E F, opening H, hammer C, screw-driver G, and tack-drawer I, all constructed and arranged as herein shown and described.

THOS. C. COMSTOCK,

Witnesses:

J. H. STAGG,

JAMES D. HARDIN.