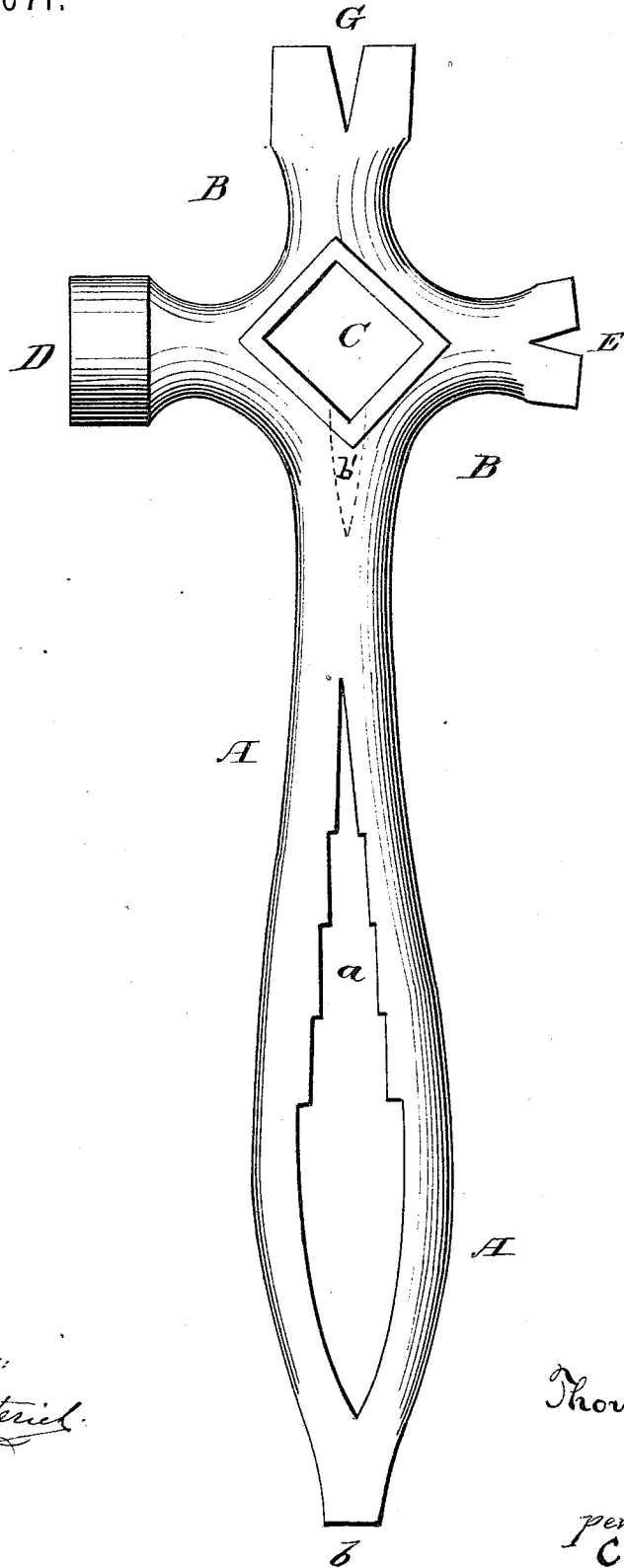


T. HAGERTY.

Tools.

No. 165,671.

Patented July 20, 1875.



WITNESSES:

*P. C. Dietrich*  
*H. B. Scott*

INVENTOR:

*Thomas Hagerty*

per:  
*C. H. Watson & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

THOMAS HAGERTY, OF NEW YORK, N. Y., ASSIGNOR TO SAMUEL ROTHSCHILD, JR., OF SAME PLACE.

## IMPROVEMENT IN TOOLS.

Specification forming part of Letters Patent No. 165,671, dated July 20, 1875; application filed May 17, 1875.

*To all whom it may concern:*

Be it known that I, THOMAS HAGERTY, of the city, county, and State of New York, have invented certain new and useful Improvements in Tools; 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 which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of my invention is to combine in one tool a hammer, box-opener, tack or nail pullers, stationary and adjustable wrench, and screw-driver; and consists in an improvement upon Patent No. 147,113, as will be hereinafter more fully set forth.

The accompanying drawing, to which reference is made, fully illustrates my invention.

The entire compound tool is made in one piece, A being the handle, and B the body thereof. In the body B is a square hole, C, intended to be used as a stationary or gas-meter wrench. On one side of the body B is formed the hammer D, and directly opposite the same is the tack-puller E. On the end of the body B is the box-opener G, made substantially in the same form as the tack-puller E, but of larger size. The handle A is pro-

vided with a graduated wrench, *a*, the handle being slotted, as shown, for that purpose, and having its widest opening nearest the end of the handle, and gradually decreasing on parallel sides toward the head or body of the tool. On the end of the handle is formed the screw-driver *b*. This tool may be made of malleable iron or steel, and all in one piece. When made of malleable iron the points are case-hardened. In one of the corners of the wrench C next to the handle is an angular slot, *b'*, which is used to pull large nails, thus utilizing the opening for a wrench and nail-puller.

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

The within-described tool, consisting of the handle A, with graduated notches forming wrench *a*, screw-driver *b*, body B, with wrench C, and nail-puller *b'*, hammer D, tack-puller E, and box-opener G, all as herein shown, and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

THOMAS HAGERTY.

Witnesses:

ISAAC LOWDERBERG,  
JOHN HAGERTY.