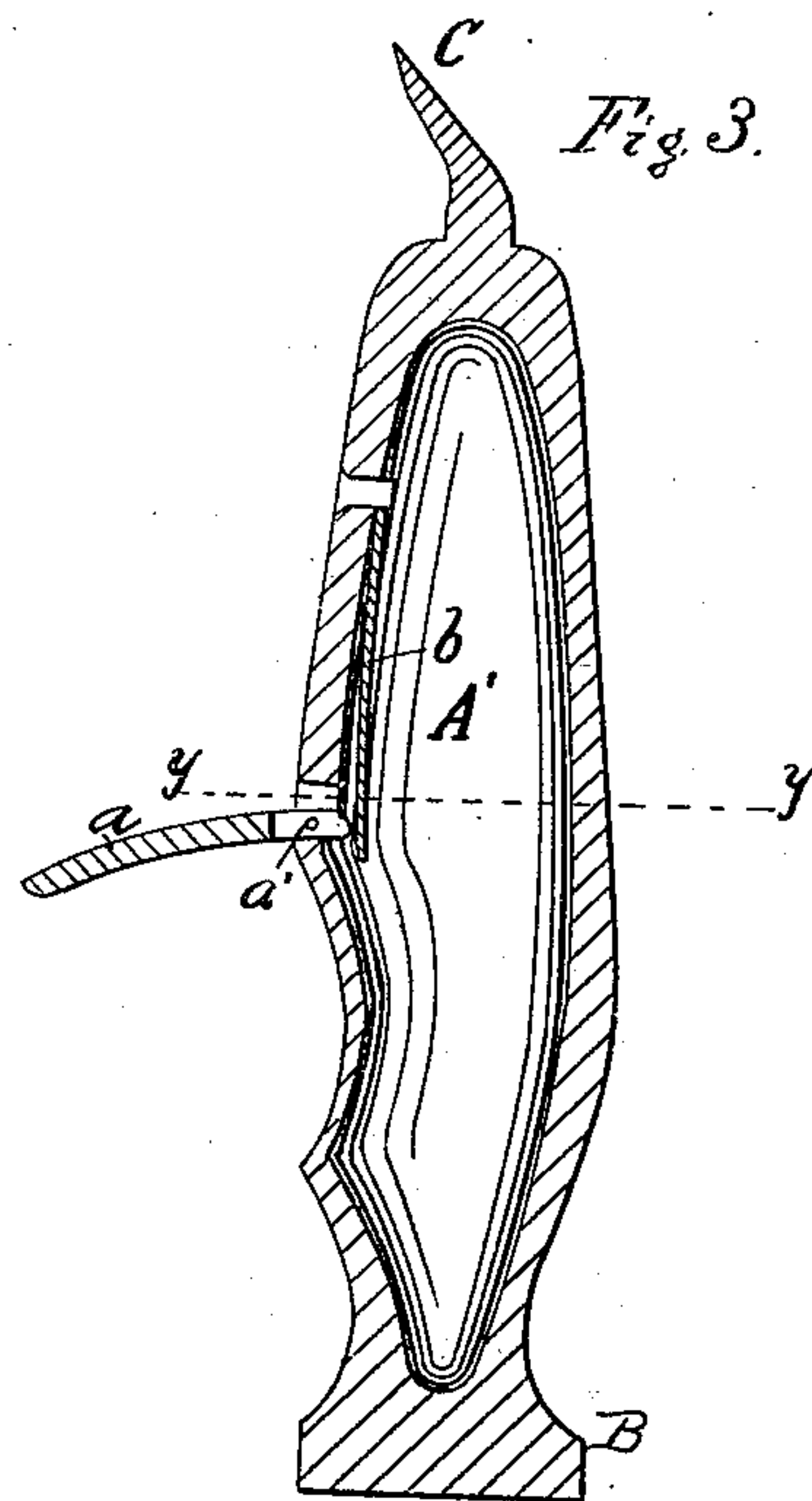
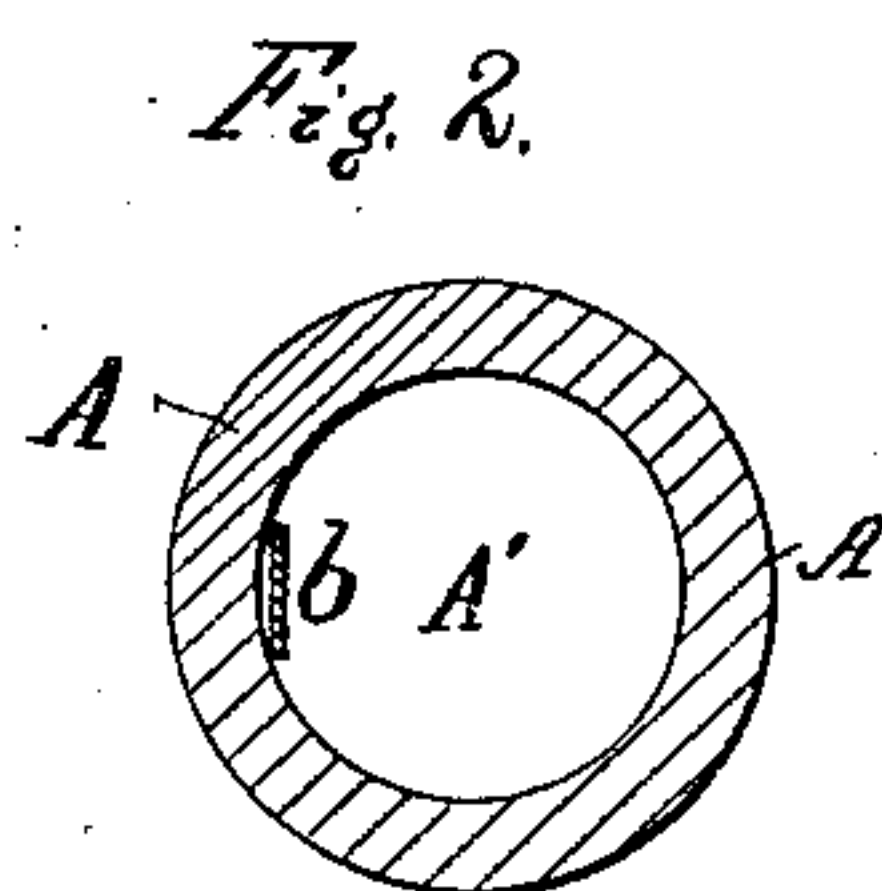
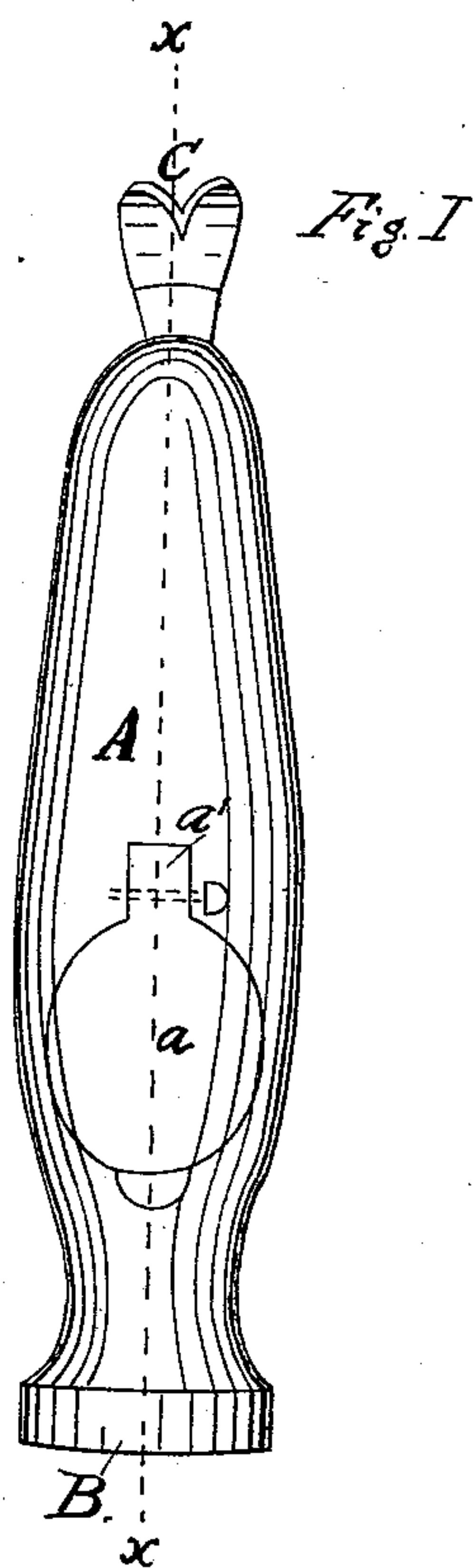


J. CRANDELL & N. P. BRAMAN.
TACK HAMMER.

No. 85,568.

Patented Jan. 5, 1869.



Witnesses
Elihu Wilder
Frederic Medges as to
N. P. Braman
L. Thompson.

Inventors
John Crandell
Nathaniel P. Braman

United States Patent Office.

JOHN CRANDELL, OF CHICOPEE FALLS, MASSACHUSETTS, AND
NATHANIEL P. BRAMAN, OF BRIDGEPORT, CONNECTICUT.

Letters Patent No. 85,568, dated January 5, 1869.

IMPROVED TACK-HAMMER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JOHN CRANDELL, of Chicopee Falls, Hampden county, State of Massachusetts, and NATHANIEL P. BRAMAN, of Bridgeport, Fairfield county, and State of Connecticut, have invented a new and useful Improvement in Tack or Carpet-Hammers; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, wherein—

Figure 1 is an elevation of the device.

Figure 2 is a section on line *x x* of fig. 1.

Figure 3 is a transverse section on line *y y* of fig. 2.

The nature of our invention consists in the combination of two or more instruments in one form, to be used as a hammer and tack-drawer, and also made hollow, for the purpose of carrying tacks or nails, so that a single implement may be made useful for various purposes, and being also made of such a shape that, for economy of space and cheapness of cost, will be a very useful tool, and which may be conveniently carried in the pocket, and the recess or hollow space can be used for other useful small tools, such as gimlets, awls, screw-drivers, &c., which implement is also a handle.

In the drawing—

A is the shank or handle of the hammer.

A', the hollow or chamber.

B, the poll or face of the hammer.

C is the claw.

a is the lid or door to chamber.

a', the rivet by which it is hinged.

b is the spring to keep the lid shut.

The hammer may be constructed of a single casting, either of iron or steel, or the shank A may be of cast-iron, and the face or poll B and the claw C may be of steel, and inserted into the shank in any convenient mechanical way, as we do not confine the invention to any particular method of construction, provided the general nature of our implement is preserved, and a useful article obtained, either for the household economy or for the bill-poster. Even the regular mechanic may find it suitable in many cases where the cumbersome hammer may incommode his operations.

We do not claim the hammer with the claw, or a chamber for holding tacks, &c., as we know such things have been separately used; but

What we do claim as new, and desire to secure by Letters Patent, is—

The within-described implement, constructed and arranged to operate substantially as set forth.

In testimony whereof, we have signed our names to this specification, in the presence of two subscribing witnesses.

JOHN CRANDELL.
NATHANIEL P. BRAMAN.

Witnesses:

ELIHU WILDER,
FRANCIS IVES, as to N. P. BRAMAN,
JOSEPH THOMPSON.