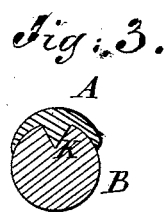
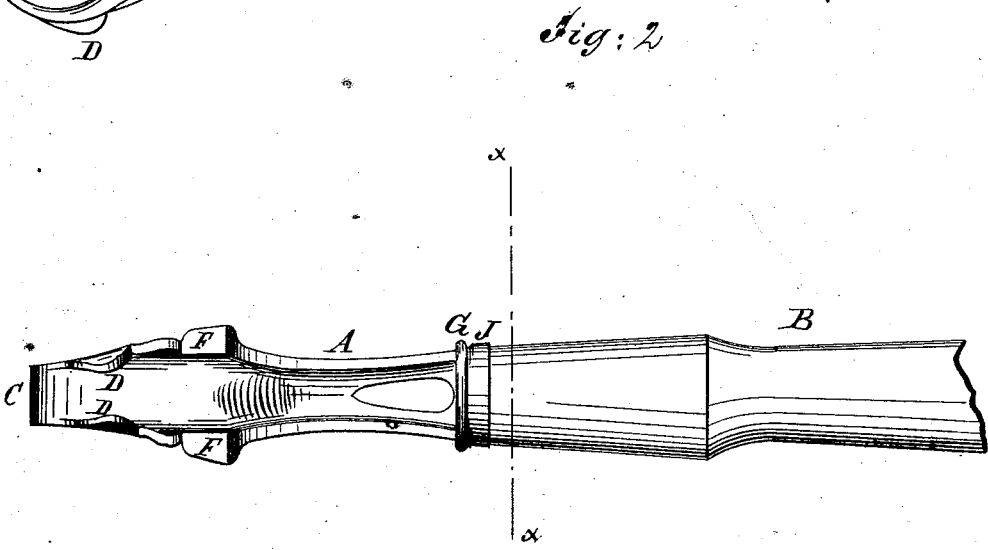
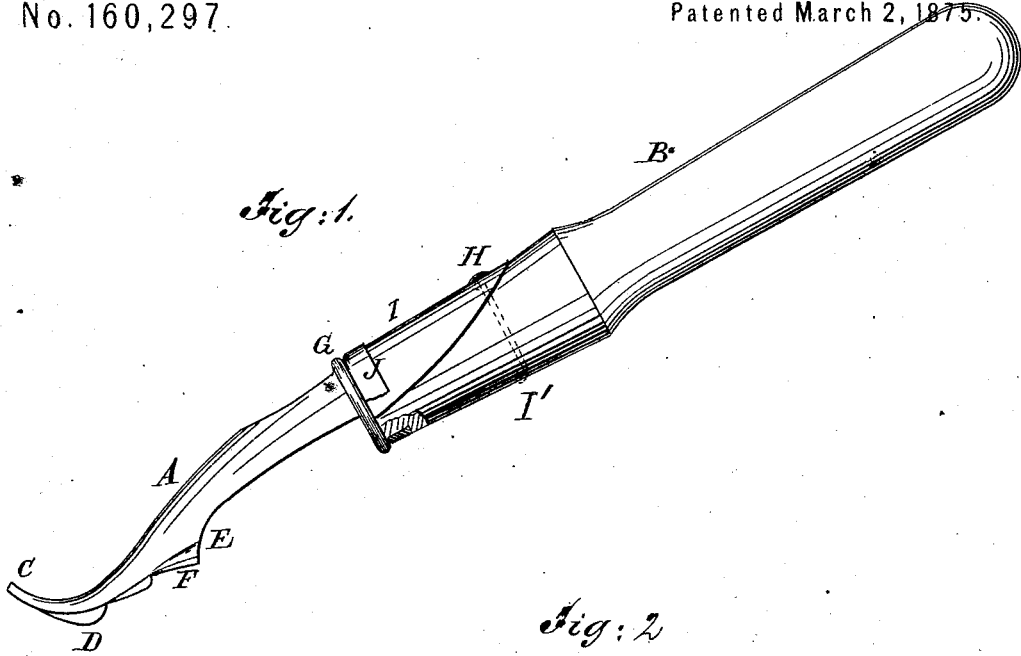


R. R. BALL.
Stove-Lid Lifter.

No. 160,297.

Patented March 2, 1875.



WITNESSES:

Chas. Nida
A. J. Terry

INVENTOR:

R. R. Ball
BY *Munn*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT R. BALL, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN STOVE-LID LIFTERS.

Specification forming part of Letters Patent No. **160,297**, dated March 2, 1875; application filed December 12, 1874.

To all whom it may concern:

Be it known that I, ROBERT R. BALL, of West Meriden, New Haven county, Connecticut, have invented a new and Improved Stove-Lid Lifter, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a side view with a portion broken away to show the ferrule on the handle. Fig. 2 is a view of the under side of the lifter, and Fig. 3 is a cross-section of Fig. 2 on the line *x x*.

Similar letters of reference indicate corresponding parts.

This lifter is made partly of iron or other metal and partly of wood. A is the metallic portion, and B is the handle, which is made of wood. C is the toe of the lifter. D D are flanges, which commence a little back of the toe, and extend toward the heel for strengthening the lifter, and fitting the hole to prevent dropping the lid. At the heel E, F F are two lateral flanges or lugs, by means of which the lifter is adapted to different-sized holes. The lifter, from near the toe to the handle, is made concave on the under side and convex on the upper side, the concavo-conxex

portion terminating on the disk G, but extending from the other side of the disk onto the handle, forming a cap, I, as seen in Fig. 1, and is fastened to the handle by the nail H, which nail is clinched on the under side, as seen at I'. A screw may be used instead of a nail, if desired. J is a ferrule on the end of the handle. The ferrule is slipped on next the disk G, and the handle is driven in, and the nail H is inserted, as described. This makes a very cheap and durable lifter—one that cannot be pulled off or affected by heat. On the side of the disk G the lifter is re-enforced by a V-shaped flange, K, substantially as shown in Fig. 3, which enters the handle. This flange strengthens the lifter, while it prevents the handle from working or turning.

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

The cap I and the V-shaped flange K, in combination with the disk G and handle B, for the purposes described.

ROBERT R. BALL.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.