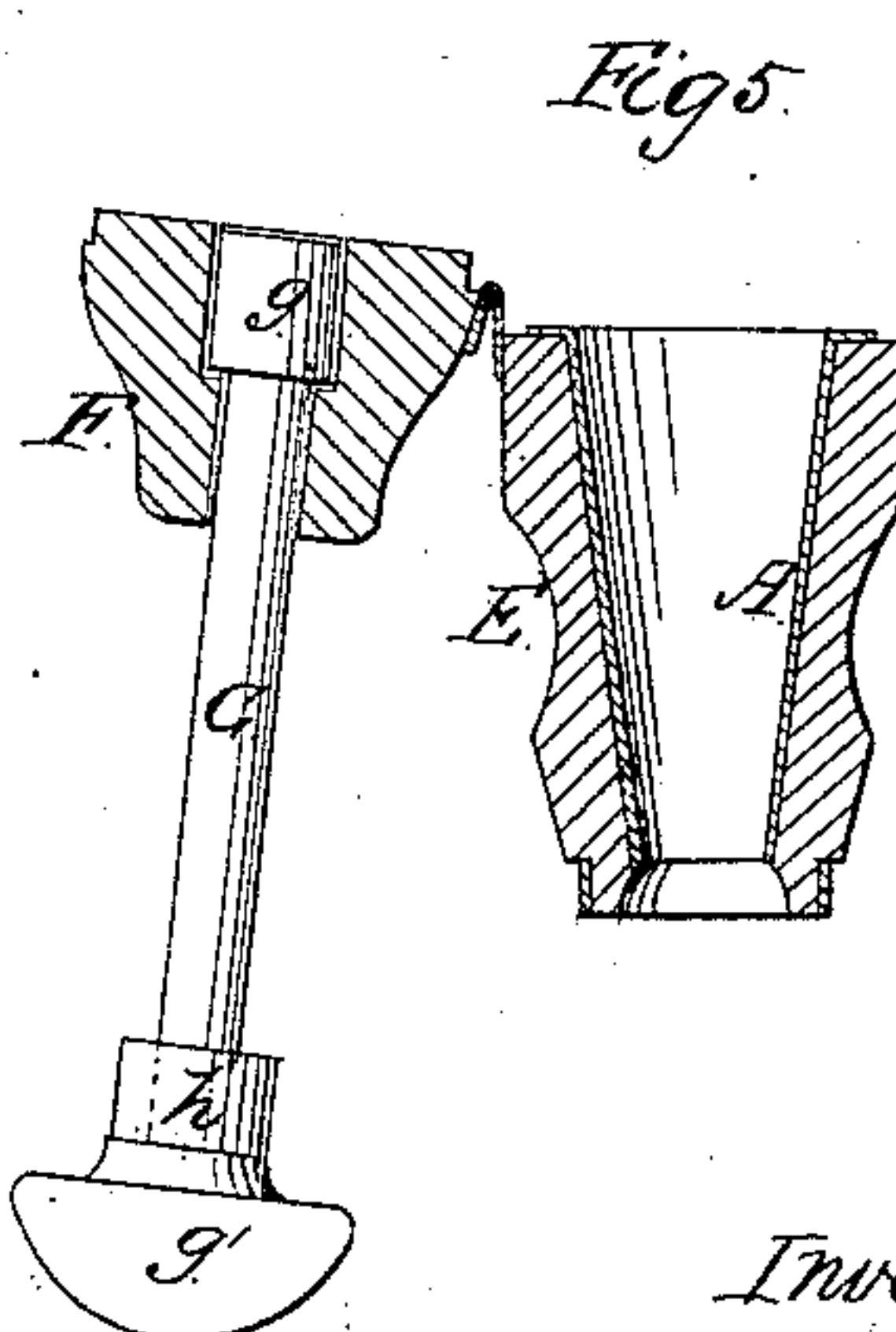
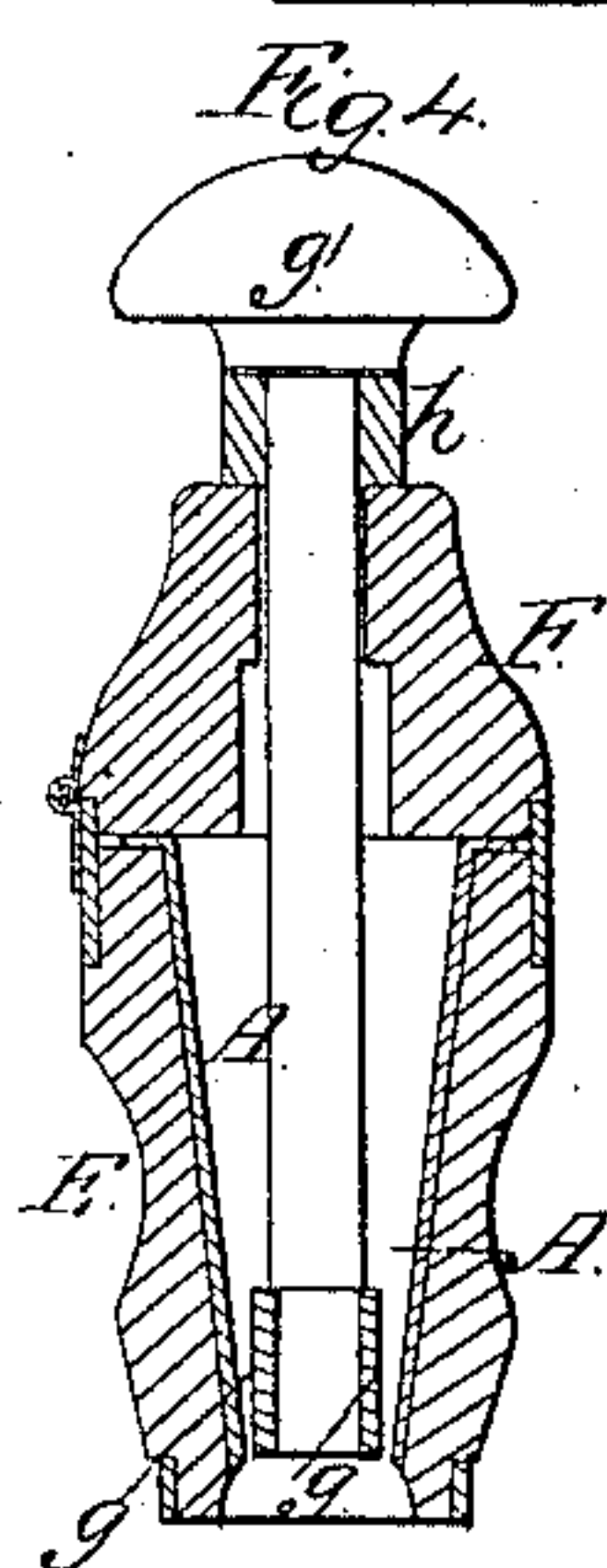
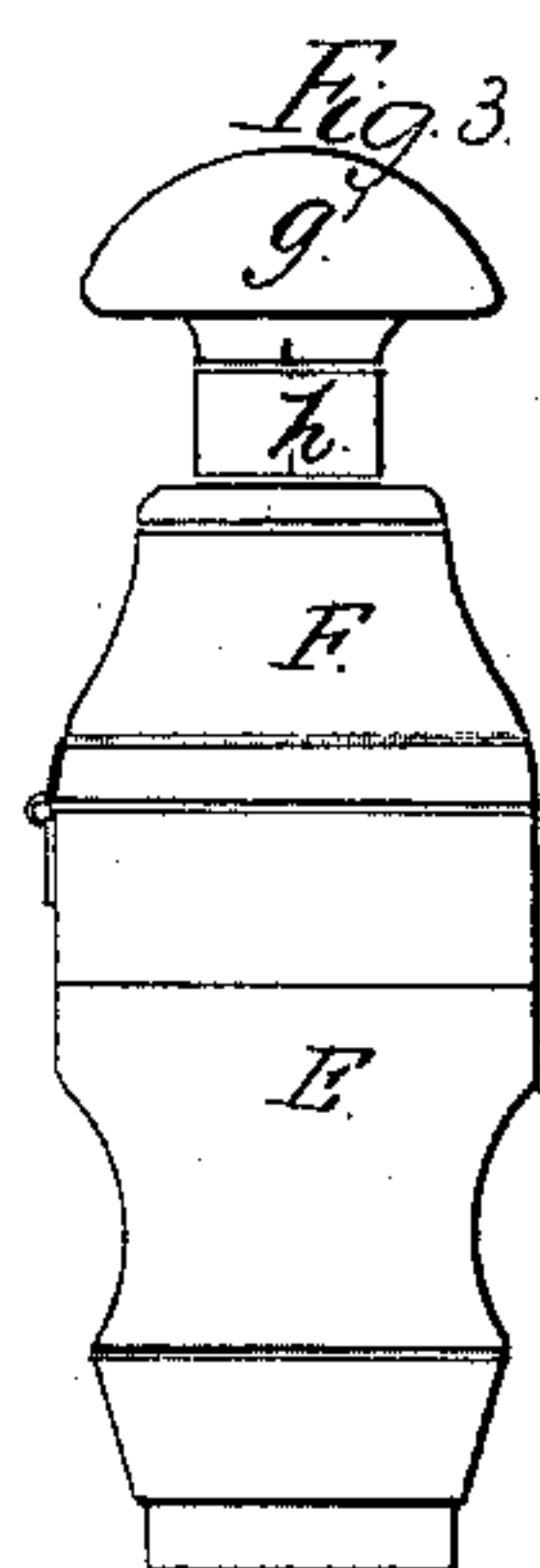
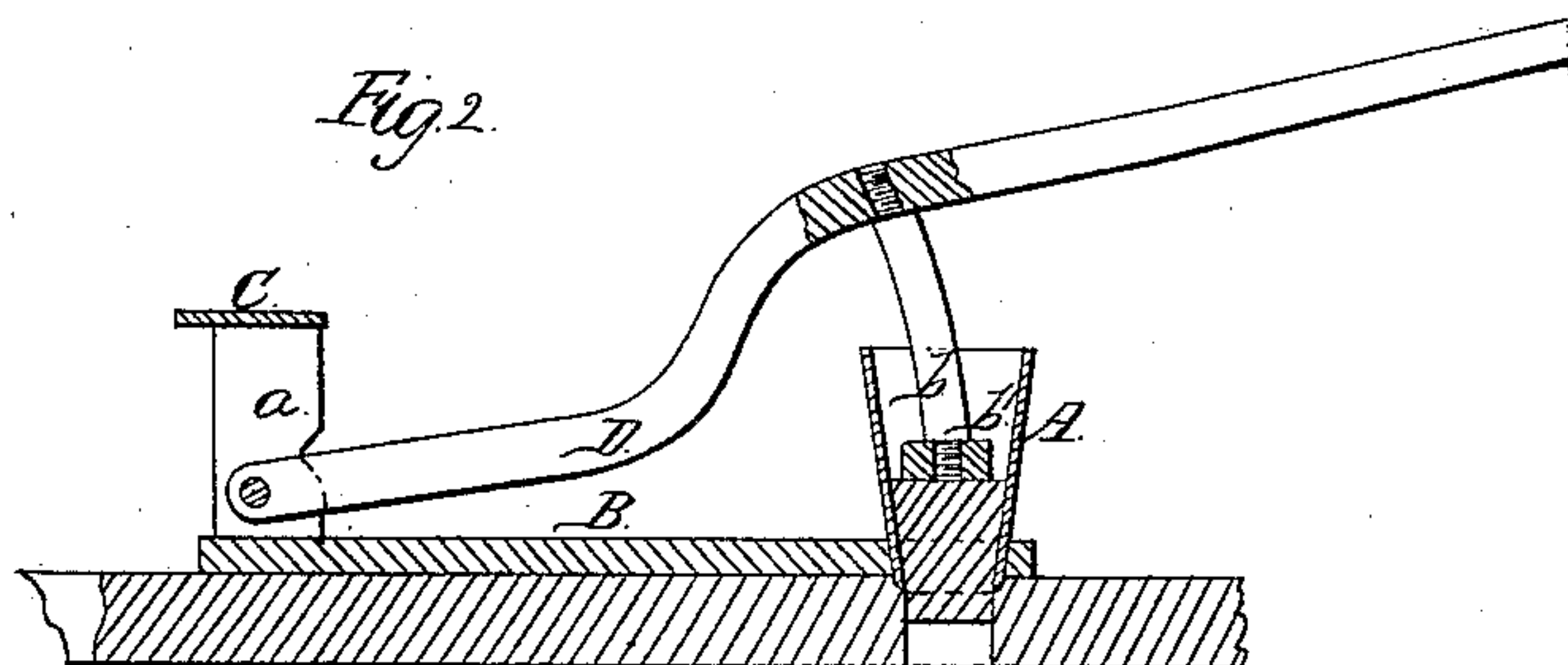
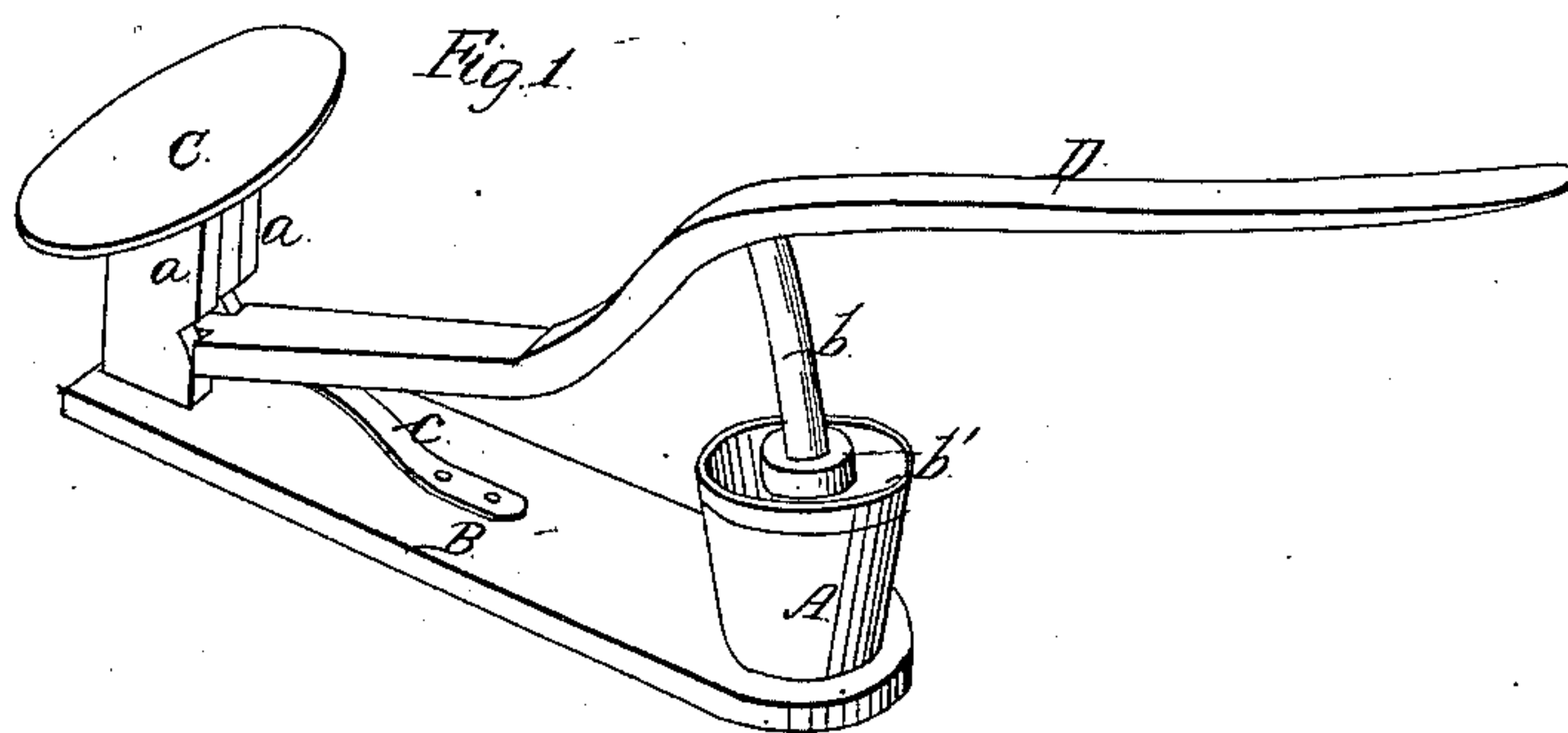


Rheiner & Wolff

Corking Device,

No 61,255,

Patented Jan. 15, 1867.



Witnesses:
R. T. Campbell
G. Schaper

Inventors:
Dr. Rhein
L. H. Wolff
Mason Fenwick & Lawrence

United States Patent Office.

WILLIAM RHEINER AND L. H. WOLFF, OF DETROIT, MICHIGAN.

Letters Patent No. 61,255, dated January 15, 1867.

IMPROVED APPARATUS FOR INSERTING CORKS.

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, WILLIAM RHEINER and L. H. WOLFF, of Detroit, in the county of Wayne, and State of Michigan, have invented a new and improved Device for Inserting Corks; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a device for inserting corks in barrels.

Figure 2 is a longitudinal section through this device.

Figures 3, 4, and 5 are views of a device for inserting corks in bottles.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a new and improved device, which is designed for inserting corks in bottles, barrels, and other vessels, and which consists essentially of a hollow cone with a plunger applied to it in such manner that the corks are compressed and inserted by the act of forcing them through the cone, as will be hereinafter described.

To enable others skilled in the art to understand our invention, we will describe its construction and operation.

In the accompanying drawings, A represents the frustum of a hollow cone, which may be made of any required size, and which is secured to a base-plate B, so that its smallest end projects a short distance below the bottom surface of said plate, as shown in fig. 2. At the opposite end of the plate B two standards, *a a*, are secured which have a plate, C, riveted upon their upper ends and a curved lever, D, pivoted between them, as shown in fig. 1. A curved stem, *b*, is secured at a suitable point to the lever D so as to enter centrally the cone A, and on the lower end of this stem a button or piston, *b'*, is secured. If desirable, the lever D may have a spring, *c*, applied between it and plate B for raising it when released.

The mode of using this device is to place it upon a barrel so that the smallest end of the cone, A, will be directly over the hole into which it is desired to insert a cork. The ball of the left hand is pressed upon the plate C so as to keep the instrument in place, and after dropping a cork into the cone, A, the piston is brought down upon the cork by pressure upon the lever D and the cork forced into the hole, as indicated in fig. 2. Instead of having the cone applied to a plate, B, it may be enclosed in a circular handle, E, as represented in figs. 4 and 5. The lower end of this handle has a depression in it for receiving the mouth of a bottle, and the upper end of the handle has a cap, F, hinged to it, through the centre of which passes freely a rod, G, having a piston-head, *g*, on one end, and a knob, *g'*, on the other end. Between the cap F and the knob *g'* an India-rubber cushion, *h*, is applied around the rod G. The cap F serves for holding the piston-rod and guiding it as it is forced downward upon the cork, and by having this cap hinged to the cone handle, as described, it can be turned back out of the way when it is desired to insert a cork into the cone, A. It will be seen that each one of the devices combine the conical guide for compressing the corks in the act of forcing them into a bottle or a hole in a barrel with the piston or plunger for acting upon the corks.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination and arrangement of the base B, cone A, standard *a*, holder C, lever D, and plunger *b b'*, in the manner and for the purpose described.
2. Hinging the top F to the part E, and fitting the plunger to said hinged part F, all in the manner shown and described.

Witnesses:

JOSEPH KUHN,
JOHN GNAU.

WM. RHEINER,
L. H. WOLFF.