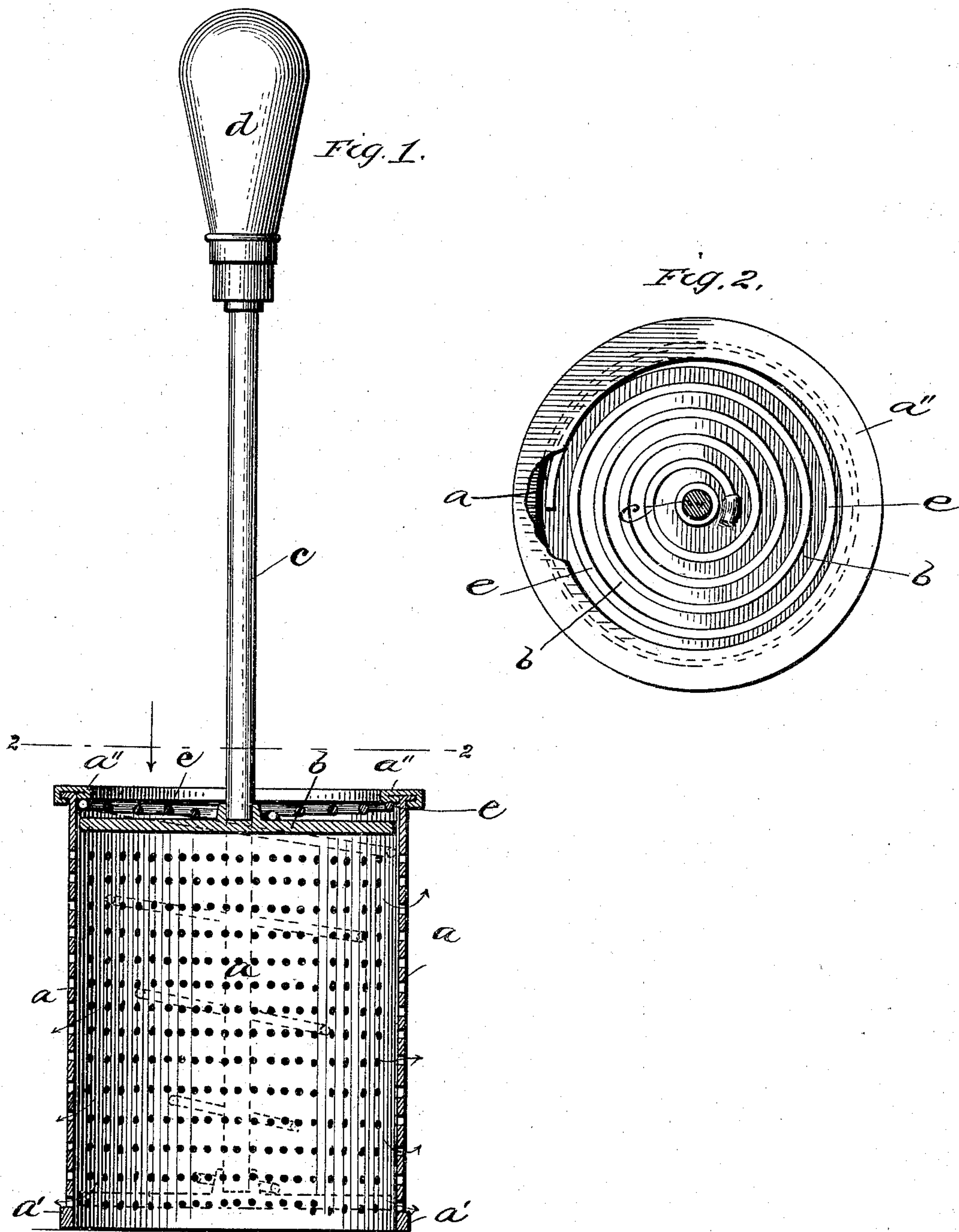


(No Model.)

G. W. HUBER.
EGG BEATER.

No. 505,766.

Patented Sept. 26, 1893.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE W. HUBER, OF PHILADELPHIA, PENNSYLVANIA.

EGG-BEATER.

SPECIFICATION forming part of Letters Patent No. 505,766, dated September 26, 1893.

Application filed January 3, 1893. Serial No. 457,112. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HUBER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Egg-Beaters, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to a new and improved egg beater and potato masher.

The invention has for its object to provide a device of exceedingly simple construction, which will be compact in arrangement and 15 very efficient in operation, and it consists in the combination and arrangement of parts more fully hereinafter described, and particularly pointed out in the claim.

In the drawings:—Figure 1 is a vertical section of my device and Fig. 2 a plan view thereof, parts being broken away to more 20 clearly show its construction.

Referring to the parts by letter, *a* designates a perforated, open-ended cylinder, the 25 perforations extending nearly to the upper edge thereof as shown. A reinforcing rib *a'* is formed around the lower edge of this cylinder, and an inwardly projecting ring or flange *a''* is formed around the upper edge 30 thereof, for a purpose hereinafter set forth. A piston *b* loosely fits the cylinder *a*, and reciprocates freely therein, and from the center of said piston an upwardly projecting rod *c* extends and on the upper end of this rod a 35 handle *d* is secured, by means of which the piston may be reciprocated. To the under side of the ring *a''*, within the cylinder *a*, is secured the outer end of a spirally wound spring *e*, and the inner end of this spring is 40 secured to the upper side of the piston *b* near the center thereof, as shown in Fig. 2 of the drawings, whereby the coils of the spring will rest within each other (in the manner of a convolute) when the piston is raised. The 45 tension of the spring tends to hold the piston

against the under side of the ring *a''*; hence when said piston is forced down into the cylinder it is immediately raised to its upper or normal position by said spring when the downward pressure thereon is relieved. It 50 will be observed that the spiral spring being wholly within the cylinder, and normally holding the piston against the under side of ring *a''*, or against the coil of the spring which is secured to said ring, forms an exceedingly 55 simple and compact device with no projecting parts to become injured or on which dirt may collect. This arrangement is also very advantageous as it enables the beater to be placed within a vessel of slightly larger di- 60 ameter than its cylinder. The inwardly projecting ring *a''* prevents the withdrawal of the piston upwardly out of the cylinder, and thereby prevents the displacement of the spring, retaining it and the piston always in 65 operative position within the cylinder. It will be observed that the reciprocation of the piston within the cylinder alternately forces and draws the material of the egg through the numerous small perforations in the cylinder, thereby quickly "beating" it to the de- 70 sired degree.

Having thus fully described my invention, what I claim is—

In an egg beater the combination of a per- 75 forated cylinder having the inwardly-projecting rim at its upper end, a piston reciprocating therein, and normally held at the upper end thereof—a spiral spring within the cylinder and above the piston, its outer end 80 being secured under the inwardly projecting ring, its inner end being secured to the piston, and a handle for reciprocating said piston, substantially as described.

In testimony whereof I affix my signature in 85 presence of two witnesses.

GEORGE W. HUBER.

Witnesses:

C. M. PARKER,

GEORGE P. JACKSON.