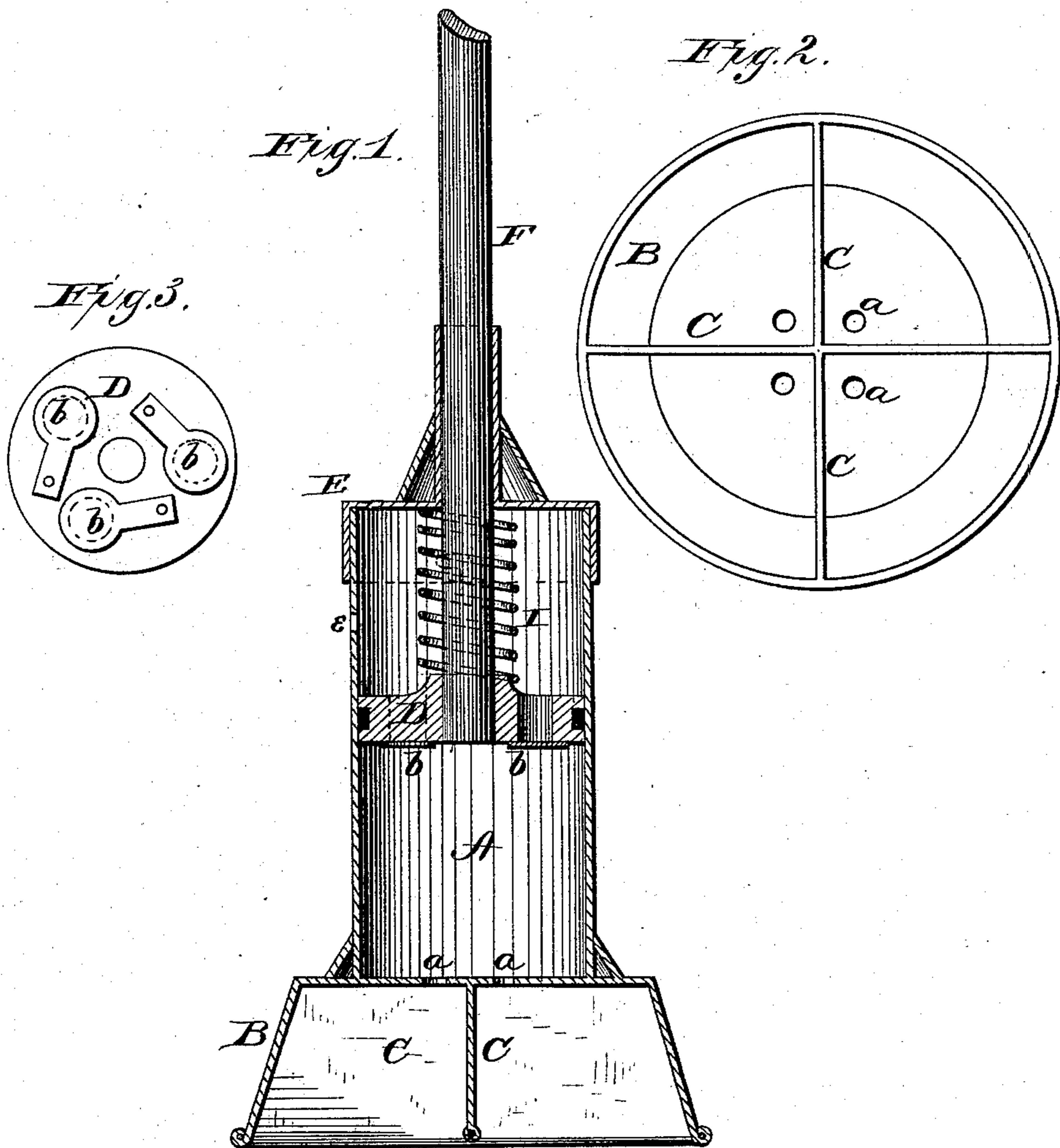


T. H. B. MOREHOUSE.
Clothes-Pounders.

No. 221,849.

Patented Nov. 18, 1879.



WITNESSES

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THOMAS H. B. MOREHOUSE, OF LANSING, MICHIGAN.

IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **221,849**, dated November 18, 1879; application filed September 9, 1879.

To all whom it may concern:

Be it known that I, THOMAS H. B. MOREHOUSE, of Lansing, in the State of Michigan, have invented certain new and useful Improvements in Wash-Pounders; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a wash-pounder, as will be hereinafter more fully set forth.

In the annexed drawings, Figure 1 is a central vertical section of my wash-pounder. Fig. 2 is a bottom view of the same. Fig. 3 is a bottom view of the plunger.

A represents a cylinder of any suitable dimensions, to the lower end of which is attached the part B, in the form of an inverted pan. This inverted pan has cross-divisions C C, making, as it were, four distinct and separate chambers.

a a are openings, communicating from the interior of the cylinder to the different chambers of the pan.

D represents a plunger working in the cylinder A. This plunger is provided with valves *b b*, as shown, and has a rod or handle, F, extending upward through a cap, E, fastened on the upper end of cylinder.

A spiral spring, I, surrounds the rod F within the cylinder and connects the cap and plunger. *e* is an air-vent in the side of cylinder A.

The spring I holds the plunger in an elevated position in the cylinder.

At the upward stroke of the wash-pounder the air enters at *e*, and passes through the valves *b* below the plunger. At the downward stroke, when the part B strikes the clothes, the plunger moves downward in the cylinder and forces the air through the openings *a* into and through the clothes, and also forcing the water through the same.

I am aware that a spring-plunger arranged within a wash-pounder is not new, and I do not claim such, broadly, as my invention.

My pounder is divided into a series of distinct and separate chambers, each having an air-passage into the cylinder in which the plunger operates. This is of importance, as, if the pounder should strike the clothes with any one side only, the air from that particular chamber will have no chance to escape, but will act in the manner designed, which would not be the case if the pounder were not so divided.

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

The combination of the cylinder A, the inverted pan B, divided into a series of distinct and separate chambers, each having an air-passage, *a*, into the cylinder, the plunger D, having valves *b*, rod F, spring I, cap E, and vent *e*, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 7th day of August, 1879.

THOMAS H. B. MOREHOUSE.

Witnesses:

H. AUBREY TOULMIN,
T. S. HOLMES.