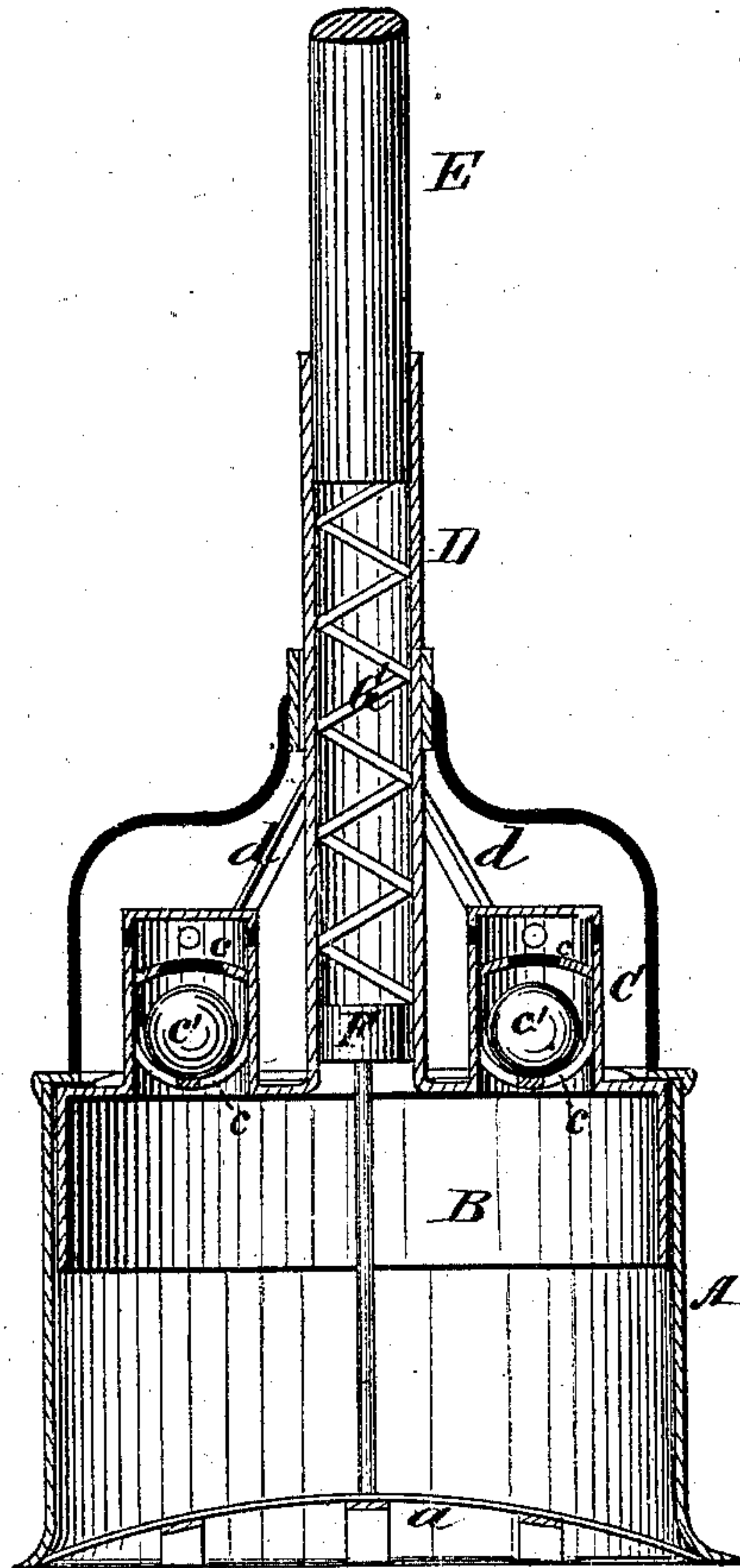


M. W. FRY.
Clothes-Pounders.

No. 151,113.

Patented May 19, 1874.



Witnesses:
G. Matthews
John C. Kemmer

Inventor:
M. W. Fry
Per *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

MICHAEL W. FRY, OF GUYANDOTTE, WEST VIRGINIA, ASSIGNOR TO HIMSELF, WILLIAM M. HOVEY, AND JOHN B. HITE, OF SAME PLACE.

IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. 151,113, dated May 19, 1874; application filed February 2, 1874.

To all whom it may concern:

Be it known that I, MICHAEL W. FRY, of Guyandotte, in the county of Cabell and State of West Virginia, have invented a new and Improved Clothes-Pounder; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which is represented a sectional elevation of my improved pounder.

The invention relates to means whereby water, soapsuds, or washing-fluid may be forced through clothes and the dirt eliminated therefrom without using the ordinary wash-boards or rubbers. The invention consists in a clothes-pounder, and will first be fully described, and then pointed out in the claim.

A represents a tube, open at both ends, and provided with the spider or cross-bars *a* at the bottom or inside. B is a piston, fitting in said tube, having the side-apertured pipes C, with valve-seats *c*, and ball-valves *c'*, and the central socket D, in which is fastened the vertical handle E. The socket D may be sustained in place by the braces *d*, and is caused to fit over a piston, F, which is supported on a rod rising from the bars *a*, and centrally fixed

in the tube A. Between the lower end of handle E and the piston F is placed (in the socket D) a spiral spring, G.

The clothes being placed in the tub or located under the spider *a*, and the piston B fitted in the tube A, so that the piston F may be in the socket D and against the spring G, the piston B is moved by hand up and down in the tub, the water being thus caused to penetrate the clothes, pass through them, and carry with it their dirt or other discoloring matter, while the spring always raises the piston as soon as the downwardly-exerted force of the hand is relaxed. Thus the hand does no lifting, which is the most tiresome work, but only exerts a pressure downward.

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

The combination, with a piston, B, having central socket D, of spring G, guide-piston F, and handle E, as described, to enable the piston or plunger B to be guided and retracted, as set forth.

MICHAEL W. FRY.

Witnesses:

R. H. LEE HAYSLIP,
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