

W. N. WYLIE.
Clothes-Pounder.

Patented Nov. 18, 1879.

Fig. 1.

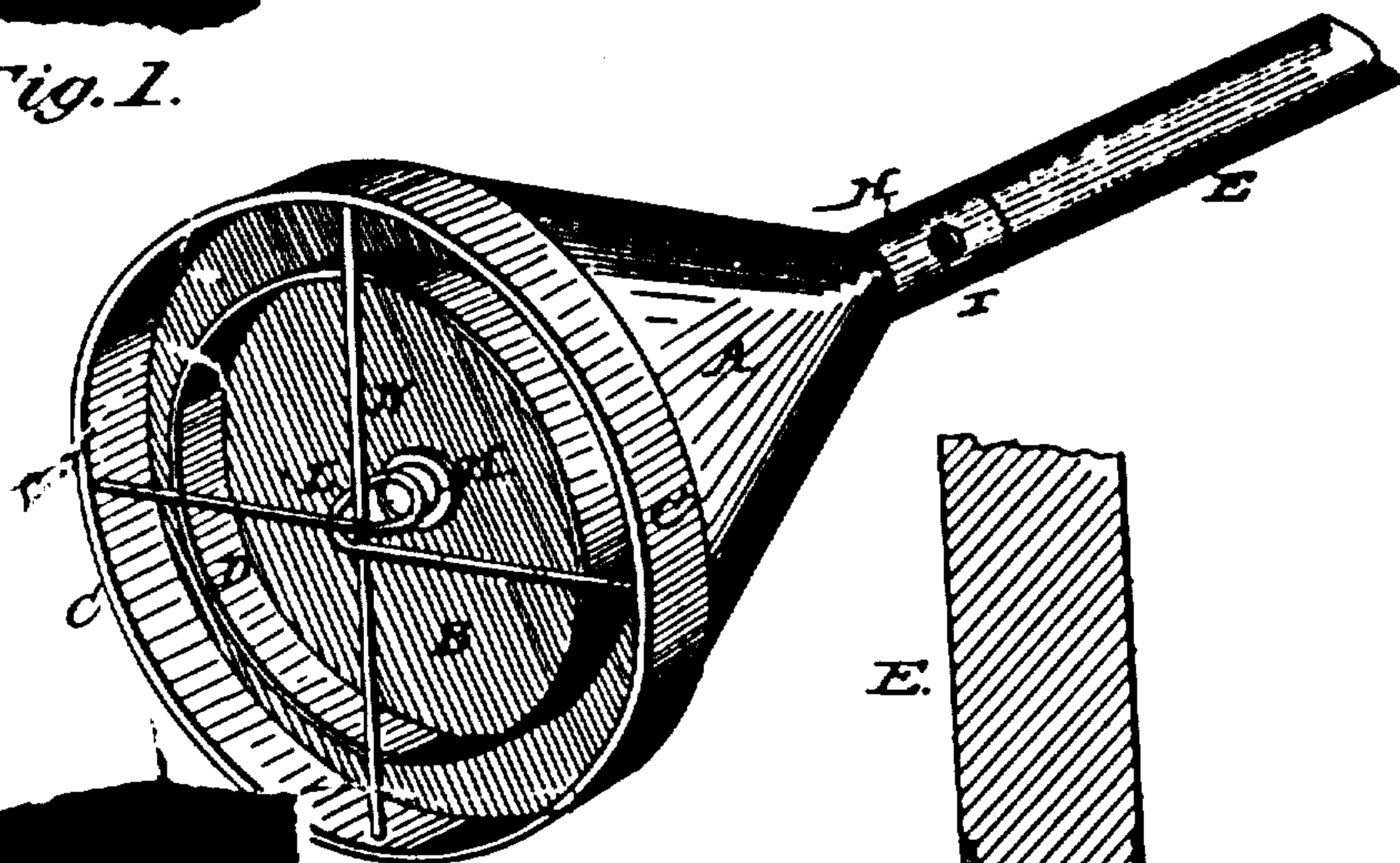
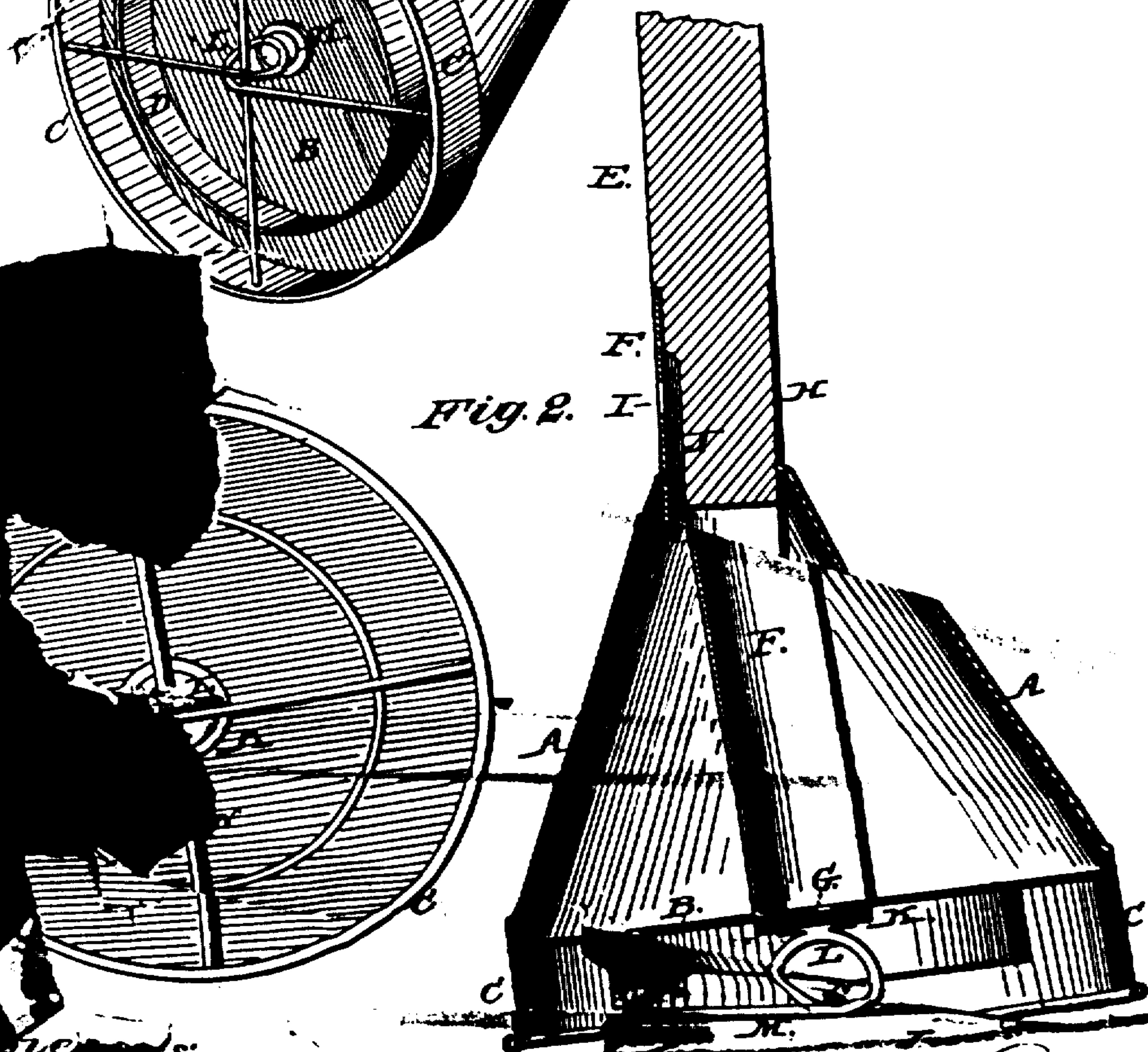


Fig. 2. I-



French;

H. Wylie,

UNITED STATES PATENT OFFICE.

WILLIAM N. WYLIE, OF BLACK RIVER FALLS, WISCONSIN.

IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **221,761**, dated November 18, 1879; application filed August 2, 1879.

To all whom it may concern:

Be it known that I, WILLIAM N. WYLIE, of Black River Falls, in the county of Jackson and State of Wisconsin, have invented certain new and useful Improvements in Clothes-Pounders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a vertical sectional view, and Fig. 3 is a bottom plan.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to clothes-pounders; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A represents the funnel-shaped body of the pounder, the lower end of which is closed by a plate, B, upon which two or more concentric rims, C D, are secured. E is the handle, which is adjusted in a tube, F, extending from an opening, G, in the bottom plate, B, through the funnel, and forming at the top an extension, H, for the reception of the handle.

The extension H is provided on one side with an opening, I, registering with a groove, J, in the handle, through which it communicates with the tube F.

The lower end or opening, G, of tube F is closed by a valve, K, mounted upon a coil, L, formed upon a wire or rod, M, the ends of which are secured to diametrically-opposite sides of the outer rim, C. N is a rod secured to rim C at right angles to rod M, and passing through the coil L upon the latter.

When, in operation, the pounder is forced down upon the clothes placed in a tub for washing, the pressure closes the valve K, thereby preventing water from entering tube F and causing the air confined between rims C D to be compressed, thus causing the water to be forced out through the fabric operated upon. When the pounder is withdrawn the suction opens the valve, through which air may now enter from tube F, (which, as above stated, communicates through groove J with the opening I,) thus preventing the splashing which would otherwise ensue.

The spring-coil L, upon which the valve is mounted, keeps it always in position for operation, and displacement is prevented by the rod N. Rods M N also tend, as well as the rims C D, to rub or scour the clothes, especially when a slight rotary motion is given to the device in operation.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, in a clothes-pounder, of the funnel shaped body A, provided with the bottom plate, B, rims C D, tube F, and extension H, having opening I, with the handle E, having groove J, the valve K, mounted upon a coil, L, of a rod, M, secured to diametrically-opposite sides of rims C, and the rod N, secured to rim C at right angles to rod M, and passing through the coil L upon the latter, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM NOBLE WYLIE.

Witnesses:

EDGAR LECLAIR,
THOMAS RODDY.