C. FRY.

POUNDER.

APPLICATION FILED JULY 8, 1909.

956,697. Patented May 3, 1910.

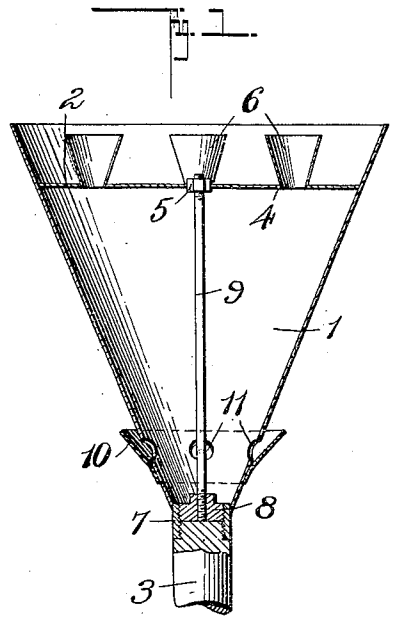
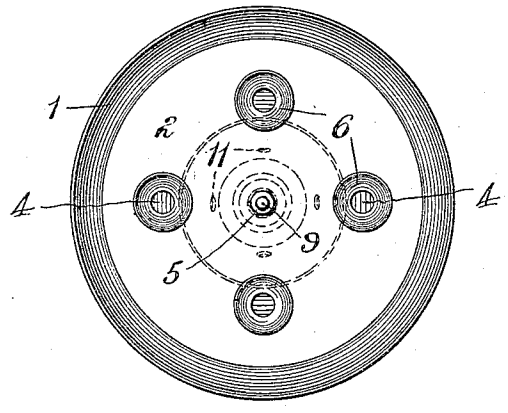


Fig. 2



WITNESSES

Philip H. Burch

A. R. Walton.

INVENTOR

Charley Fry,

by Wilson Stevens & Co.

Attorneys

ANDREW B. GRAHAM CO. PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLEY FRY, OF DENVER, COLORADO.

POUNDER.

956,697. Specification of Letters Patent. Patented May 3, 1910.

Application filed July 8, 1909. Serial No. 506,549.

To all whom it may concern:

Be it known that I, CHARLEY FRY, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Pounders, of which the following is a specification.

The present invention relates to washing pounders, and more particularly to that type of pounder which includes a conical metallic "shell" and a stem attached to the apex thereof.

Many pounders of the above-specified type include, moreover, a perforated cover which is fitted in the enlarged outer end of the shell and is ordinarily rigidly secured thereto. Such construction, while effective for most purposes, is objectionable in that the rigid attachment of the cover prevents the interior surface of the body member from being properly dried after the washing operation has been completed. Consequently, rust forms upon such surface, thereby impairing the usefulness of the device, since the rust not only weakens the shell, but is also apt to stain the garments washed, by the circulation of the washing water therethrough.

It is the object of this invention, therefore, to overcome such defect by providing a pounder in which the shell itself is detachable from the stem, and is, moreover, provided with a separable cover, thereby enabling both surfaces of the shell, as well as of its cover, to be thoroughly cleaned and dried after having been used.

The invention further resides in the specific construction of the cover, and in the particular manner in which it is connected with the shell.

The preferred embodiment of the invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a fragmental longitudinal sectional view of the improved pounder; and Fig. 2 is a plan view of Fig. 1.

Reference being had to said drawings, and to the numerals marked thereon, 1 designates the conical metallic shell of the pounder, 2 the cover fitted in the enlarged outer end thereof, and 3 the stem to which said shell is attached, as hereinafter described. The cover, which is in the form of a flat metal plate, is provided with a series of perforations 4 located at equidistant points from each other and from the center of the cover, at which last-mentioned point there is securely fastened to said cover a nut 5. In each of the perforations 4 is soldered the smaller end of a funnel-shaped member 6 through which the water is adapted to flow into the interior of the shell when the device is in operation. The height of these funnels is such that their free ends terminate short of the outer or free end of the shell when the cover is in place. To its inner end the stem has securely fastened a ferrule 7, the inner wall of which is threaded. This ferrule projects beyond the end face of the stem, and the seat so formed is adapted to receive a threaded bushing 8 having a threaded axial opening in which is fitted the threaded inner end of a rod 9. The outer end of this rod is designed for engagement in the threaded opening in the nut 5, thereby effecting the attachment of the cover to the stem, as will be apparent. The shell is further provided with a flaring, or frusto-conical ring or cap 10 preferably soldered thereto adjacent its apex, said cap serving as a guard to prevent the water from splashing up during the movements of the pounder. The cap extends across and in front of a series of perforations 11 formed in the shell 1.

Owing to the construction and arrangement of the various parts of the pounder as above described, it will be observed that the cover may be readily detached from the rod 9, whereupon the shell may likewise be detached if deemed expedient. In use, the shell 1 is forced, at its smaller end, upon the ferrule 7, and is clamped thereon when the cover 2 is in position. Thus both surfaces of the cover as well as of the shell may be thoroughly cleaned and dried at the completion of the washing operation, thereby keeping both of said parts in a sanitary condition and materially prolonging the life thereof.

I claim:

In a pounder, the combination of a stem, a ferrule threaded upon and projecting beyond, one end of said stem, a conical shell

having its smaller end fitting upon said ferrule, a bushing threaded within the projecting end of said ferrule, and provided with a central threaded bore, a rod extending axially through said shell and having its inner end threaded within the bore of said bushing, and a cover plate fitting within the enlarged end of said shell and embodying central means to detachably engage the outer end of said rod.

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

CHARLEY FRY.

Witnesses:

TRACY B. CASWELL,

C. C. SIMMONS.