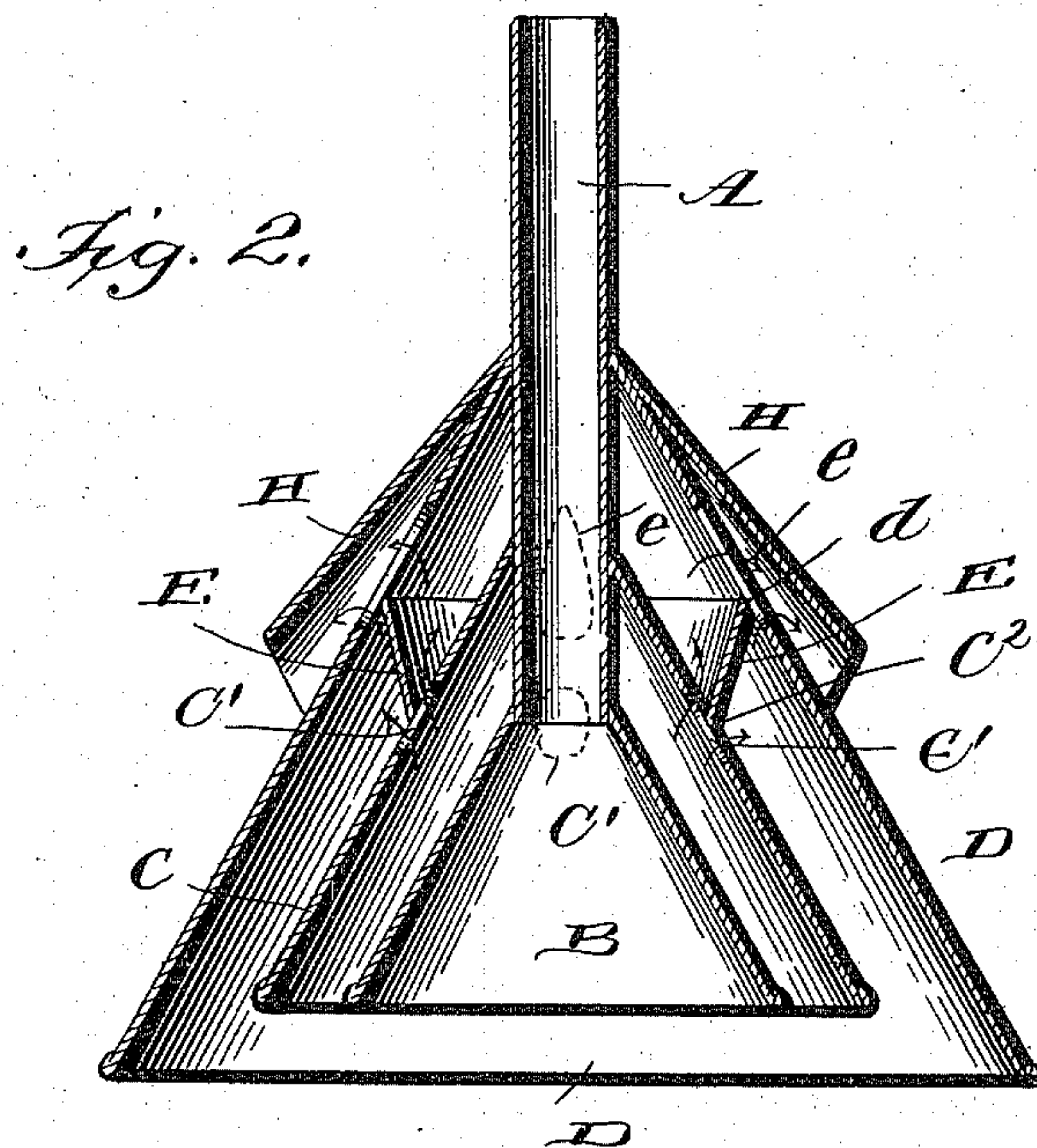
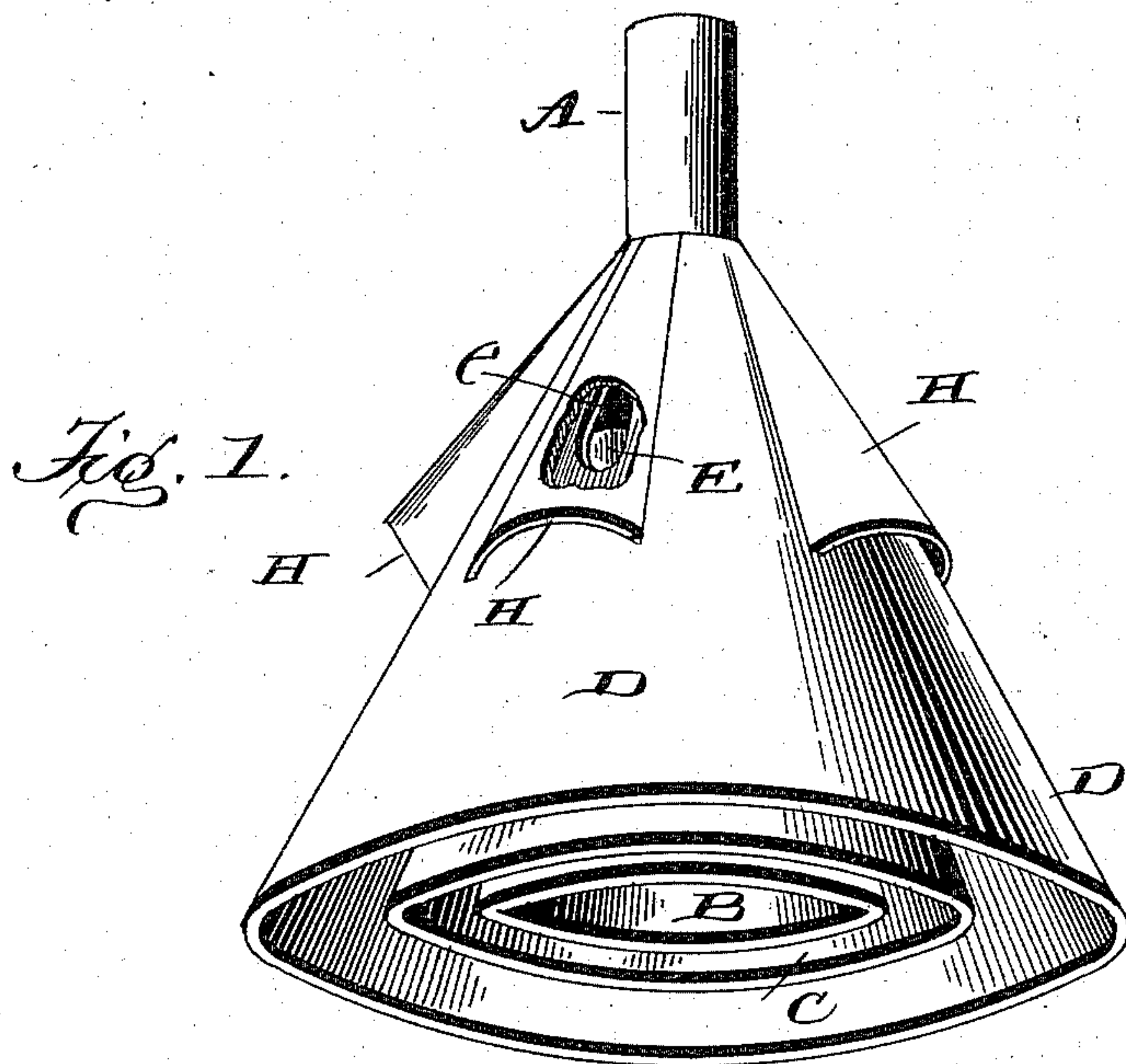


(No Model.)

H. W. TOLER.
CLOTHES POUNDER.

No. 573,314.

Patented Dec. 15, 1896.



Witnesses:
L. C. Mills,
A. D. Hough

Inventor:
Henry W. Toler,
by Franklin H. Hough
Att'y.

UNITED STATES PATENT OFFICE.

HENRY WILSON TOLER, OF MASSEY, TEXAS.

CLOTHES-POUNDER.

SPECIFICATION forming part of Letters Patent No. 573,314, dated December 15, 1896.

Application filed May 8, 1896. Serial No. 590,768. (No model.)

To all whom it may concern:

Be it known that I, HENRY WILSON TOLER, a citizen of the United States, residing at Massey, in the county of Hill and State of Texas, have invented certain new and useful Improvements in Washing-Pounders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in washing-machines, and especially to a pounder-washer having a series of concentric cones between the sides of which communication is had through apertures to carry away steam, and affords a suitable circulation of the water and air through the clothes.

A further part of the invention relates to the arrangement of the concentric cones of the pounder about a hollow central tube and having an outwardly-inclined partition adapted to deflect the current of water and steam to apertures in the outer cone, which apertures are provided with hoods opening downward, whereby the current may be directed toward the bottom of the pounder.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of the parts, as will be hereinafter more fully described, and then specifically defined in the appended claim.

I clearly illustrate my invention in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings similar letters of reference indicate like parts throughout both views, in which—

Figure 1 is a side elevation of my pounder. Fig. 2 is a central vertical section through the pounder.

Reference now being had to the details of the drawings by letter, A designates a central hollow tubing which has a small outwardly-flaring portion B at its lower end. Concentrically secured to the said tubing at a

location above the lower flaring end B is the conical-shaped portion of the pounder, (seen at C,) and the lower end of this cone-shaped portion is in the same plane as the lower end of the flaring bottom B, and a series of apertures are made in the inclined walls at C', through which water and steam is allowed to pass into the space between the cone C and the outer cone D, also arranged concentrically about the said tubing. The lower end of cone D extends below the other cones, and an outwardly-extending and upwardly-inclined partition E is provided, extending between the cone C at a point C² and the outer cone at point d. Elongated apertures e are formed in the wall of the cone D and extend both sides of the upper end of the inclined partition E.

Located about the outer side of the cone D are the hoods H, one over each aperture e, and open downward, so that the steam, water, and air may be deflected downward, thus producing a better circulation during the washing process. Fitted to the upper end of the said tubing is a handle which is removably attached thereto when desired.

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

A washing-machine pounder comprising the two concentric cones B and C, secured about a central tube A, the lower ends of the said cones being in the same plane, combined with an outer concentrically-arranged cone D, the lower edge of which extends below the lower edges of cones B and C, and an outwardly and upwardly inclined partition E disposed between the said cones C and D, the lower edge of said partition dividing apertures C' in cone C, the upper edge of said partition dividing elongated apertures e in the cone D, whereby direct communication is afforded between the spaces above and below the partition and the outside of the cone D, substantially as shown and described.

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

HENRY WILSON TOLER.

Witnesses:

W. D. DUNCAN,
F. W. GRAY.