E. R. HAMPTON.

CLOTHES-POUNDER.

No. 186,474. Patented Jan. 23, 1877.

Fig. 1.

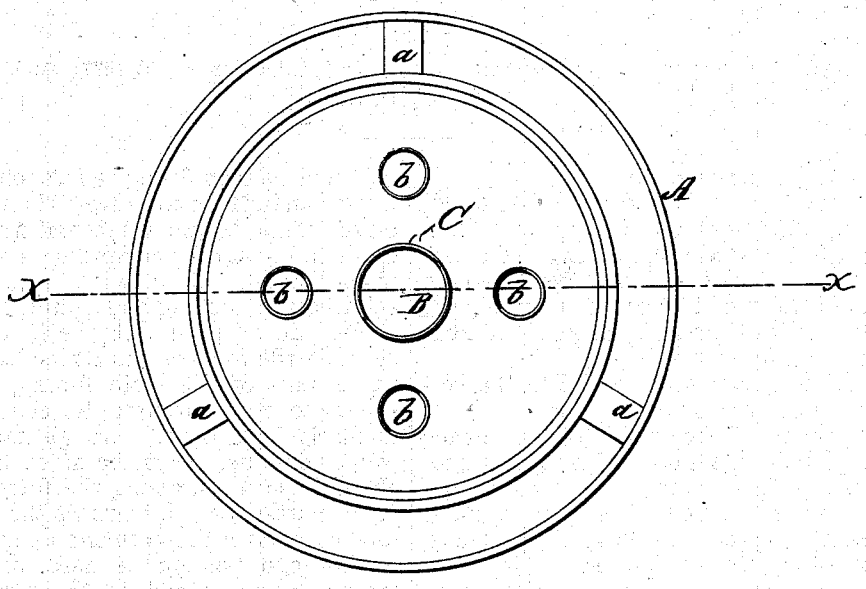
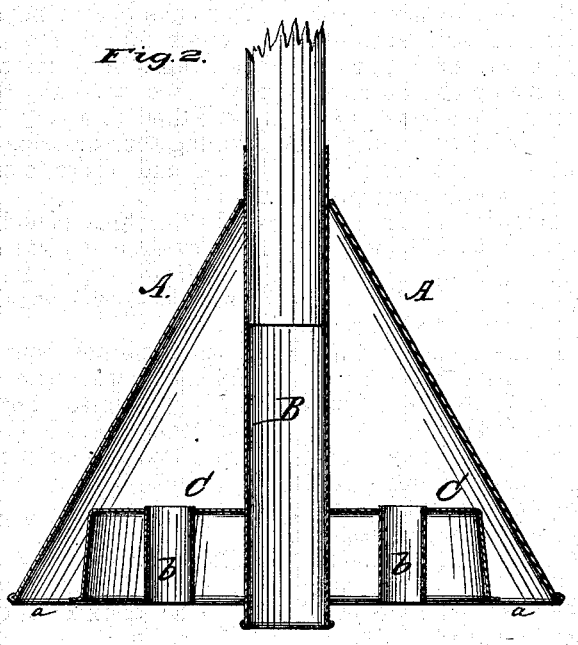


Fig. 2.



Witnesses:

George W. Gilbert

Frank Brown.

Inventor.

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UNITED STATES PATENT OFFICE.

ERASTUS R. HAMPTON, OF ASHEVILLE, NORTH CAROLINA.

IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **186,474**, dated January 23, 1877; application filed January 13, 1877.

To all whom it may concern:

Be it known that I, ERASTUS R. HAMPTON, of Asheville, in the county of Buncombe and State of North Carolina, have invented a new and useful Improvement in Clothes Washers and Pounders, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure 1 is a plan view, and Fig. 2 a vertical section on the line *x x* of Fig. 1.

A A is a view of the outside of the washer and pounder, in the shape of a cone or funnel. B is a tube, one inch in diameter, extending one inch above the top of the funnel, and passing through the center of same to about one-fourth inch below the rim or lower edge of the same, into which a wooden handle is to be inserted, extending into the tube about one-half its length. C C is a small pan, two inches deep, with its sides slanted to suit the shape of the funnel, placed inside of main funnel. *a a a* are bars, by which the small pan is fastened to the main funnel at or near the rim. *b b* are tubes, about half an inch in diameter, extending downward to bottom of rim, and opened at the upper and lower ends. The number of these tubes are either four, six, or eight. C is the center of the inner pan, where the main tube passes through, and to which said pan is fastened.

The object of my invention is to furnish a clothes washer and pounder that will utilize the greatest amount of air in the smallest possible space, to make it practicable for the purpose of washing and clothes-cleaning.

In the drawing, A A is the funnel, into which the air collects, and to which the other portions of the washer and pounder are fastened, by the bars *a a a* and the main tube passing through the center B. The tube B holds the wooden handle, by which the washer and pounder is operated. C C is the inside pan, to which is fastened the air-tubes *b b*.

It will be seen from the foregoing that the inner pan is far enough from the inside of the outer funnel to allow a considerable volume of air to be used by compression and suction, which strikes obliquely into the tub or vessel used for washing and pounding.

The tubes *b b* through the inner pan concentrate the force of the air collecting in the upper part of the main funnel, and causes the air to work through the clothes perpendicularly by passing through said tubes as well as obliquely from the sides of the outer shell, thus concentrating the force of the air to the particular points where the tubes come in contact with the garment upon which the washer and pounder is used, causing very strong suction, which is the most material agency in cleansing the clothes.

By means of the tubes and the space between the outer funnel and inner pan all the air that collects in the main funnel is driven with great force through the fabrics, and will cleanse them in a very few minutes.

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

1. In a clothes pounder and washer, having an exterior conical shell, the inner shell C, connected to the outer by the pieces *a* and the central tube B, as and for the purpose set forth.

2. In a clothes pounder and washer, the combination, with an outer case, of an inner shell, C, connected thereto by pieces *a*, and having tubes *b b b b* opening into the space above, all as and for the purpose set forth.

E. R. HAMPTON.

Witnesses:
CHAS. TILDEN,
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