A. JAMESON.

Improvement in Clothes Beater.

No. 125,738. Patented April 16, 1872.

Fig: 1.

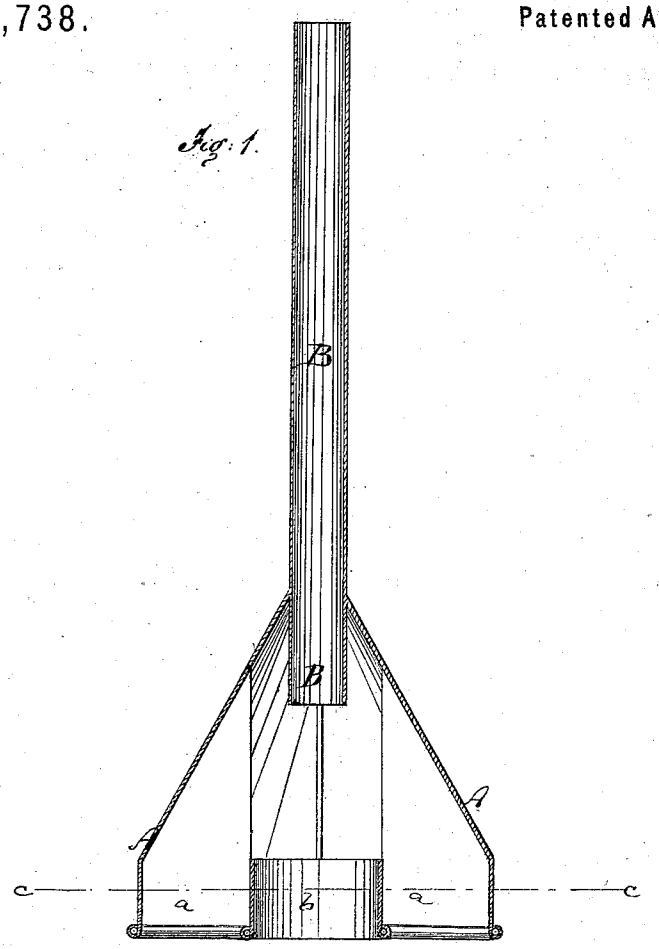
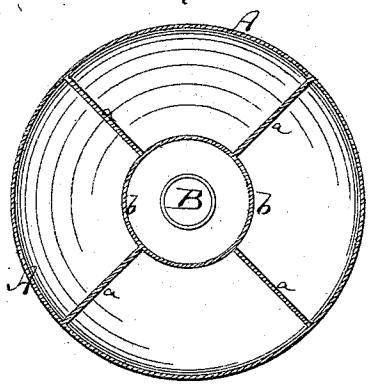


Fig: 2



Witnesses:

Chas. Nida.

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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

ALDEN JAMESON, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CLOTHES-BEATERS.

Specification forming part of Letters Patent No. 125,738, dated April 16, 1872.

Specification describing a new and Improved Clothes Beater and Washer, invented by ALDEN JAMESON, of Boston, in the county of Suffolk and State of Massachusetts.

Figure 1 represents a central longitudinal section, and Fig. 2 a transverse section on the line *c c*, Fig. 1, of my improved clothes beater and washer.

Similar letters of reference indicate corresponding parts.

This invention relates to a new implement for use, in washing clothes and other articles with boiling-hot suds, in common wash-tubs, barrels, boxes, boilers, &c.; and consists in the arrangement of an inverted funnel on a tubular handle, and provided with radial and other beating-edges at its large end, as hereinafter more fully described.

A in the drawing represents an inverted funnel, made of sheet metal or other material, and attached to a tubular stem or handle, B, which is open on top, experiment having proved that a free circulation of air up and down through a tube of the requisite size, uninterrupted by any valve or device whatever, is best for the purpose intended. At the larger lower end the funnel is provided with transverse radial ribs *a a*, terminating in an inner circle, *b*. The lower edge of the funnel and the edges of the ribs *a a* and the circle *b* constitute the beating-surfaces. The instrument is, by hand or machinery, moved forcibly up and down, beating the clothes in its descent. It should be brought upon a new part of the clothes at every stroke. It beats and squeezes the clothes under the beating-edges, and also compresses the air in the inverted funnel and forces the hot suds and the air through the pores of the fabric in descending. When slightly lifted it creates a momentary vacuum, somewhat lifting the clothes, and keeping them light and prepared in the best manner for the next blow. It also keeps a fine lather on the suds, and thereby retains the same in best condition for the process of washing. In short, the implement, though very simple in construction, is admirably adapted to the purposes specified, on fine as well as coarse fabrics. The tube B projects with its lower end into the funnel, as shown, to prevent spray from entering it.

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

The clothes-beater composed of the inverted funnel, tubular stem, and beating-ribs *a a*, substantially as herein shown and described.

Witnesses: ALDEN JAMESON.

IRA A. SIDLINGER,

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