

H. D. CROOKER.
Clothes-Washers.

No. 136,038.

Patented Feb. 18, 1873.

Fig. 1.

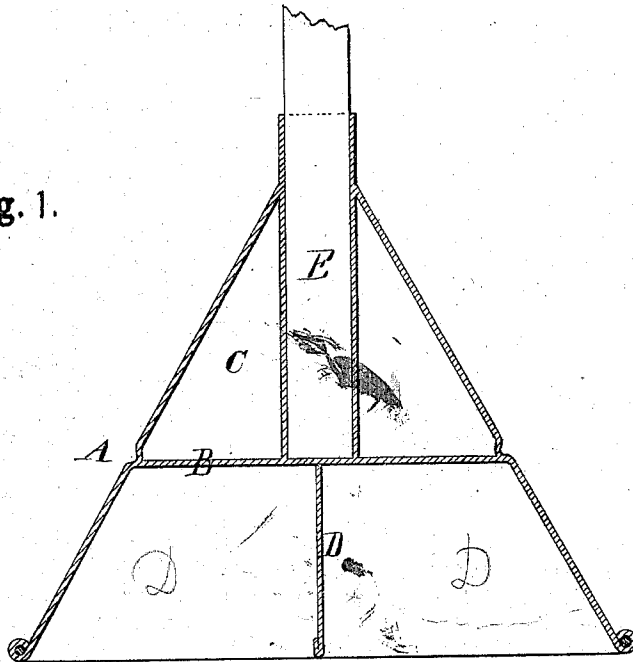
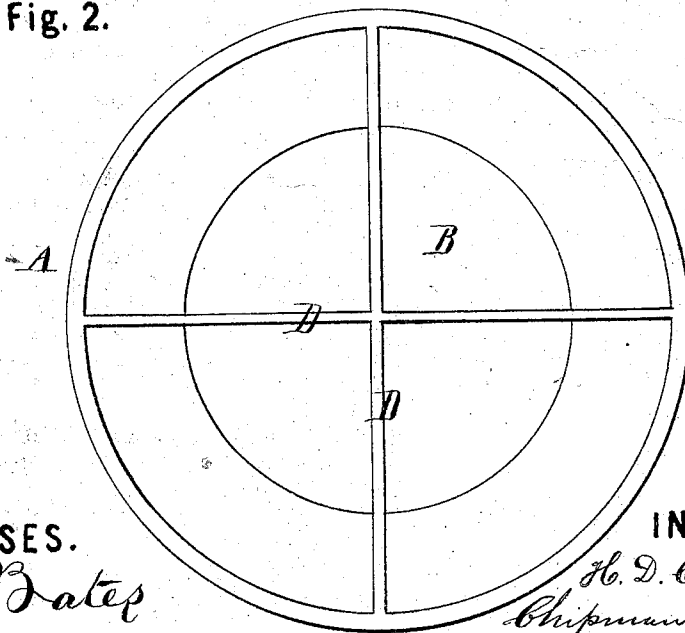


Fig. 2.



WITNESSES.

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HEMAN D. CROOKER, OF CHESTER, PENNSYLVANIA.

IMPROVEMENT IN CLOTHES-WASHERS.

Specification forming part of Letters Patent No. 136,038, dated February 18, 1873.

To all whom it may concern:

Be it known that I, HEMAN D. CROOKER, of Chester, in the county of Delaware and State of Pennsylvania, have invented a new and valuable Improvement in Clothes-Washers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a sectional view of my clothes-washer. Fig. 2 is a bottom view of the same.

This invention has relation to devices for washing clothes by impelling the water through and about them as they lie in an open tub or other receptacle; and it consists in the construction and novel arrangement of the recessed conical head adapted to be placed on the end of a stick and used in pounding the clothes as they lie in the water, in the manner of ordinary clothes-pounders. The object of the present invention is to provide a head-piece which, when used in the manner indicated, will readily relieve itself from the clothes by means of the elasticity of the air which is compressed in the closed conical recess in the base of the device, thus avoiding the splashing of the water and the drawing up of the clothes as the washer is raised from them.

In the accompanying drawing, the letter A designates the body of the washer, usually made of tin and preferably in conical form. This form of washer I am well aware is not new. B designates a horizontal partition, circular in form, which is attached to the inside wall of the cone at the height of about an inch or an inch and a half from its lower edge, forming a closed recess, C, in the base of the washer. The partition B is supported by the cross-plates D, which extend from side to side across the recess diametrically, intersecting each other at the center. These plates are vertical and their lower edges are flush with the lower edge of the cone. They serve to

keep the clothes out of the recess as well as for the support of the partition B, and for the general strengthening of the washer. The partition B is connected with the edge of the opening at the top of the cone by a cylinder, E, forming a socket to receive the end of the handle. This cylinder also serves to brace the partition above, and to strengthen the upper part of the cone. There is no communication between this socket E and the conical recess C. The hollow space included between the upper portion of the conical wall, the partition B, and cylinder E makes the body of the washer light, while the position of the several parts mentioned gives it great strength.

In the operation of this washer it is brought down upon the clothes with force as they lie in the water. The recessed base of the cone, with its cross-plates, comes in contact with the clothes, pressing them through and about in the water. The cross-plates prevent the clothes from being forced up into the recess C, which is a closed air-space, into which the air is compressed by the downward movement. The alternate upward movement is hereby facilitated, the elasticity of the air causing a reaction, which relieves the recess C of the water without splash.

I am well aware that the conical form of the washer is not new; hence I do not claim this.

What I claim as new, and desire to secure by Letters Patent, is—

The washer-head described, consisting of the conical wall having the imperforate horizontal partition B, braced above by the socket E connecting it with the top of the cone, and below by the vertical diametric cross-plates D attached to the inside wall of the cone, as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HEMAN D. CROOKER.

Witnesses:

WM. C. VEGHLE,
H. G. WAGONER.

Handwritten:
750 words