(No Model.)

F. P. MIGHELL.

CLOTHES POUNDER.

No. 449,555. Patented Mar. 31, 1891.

Fig. 1.

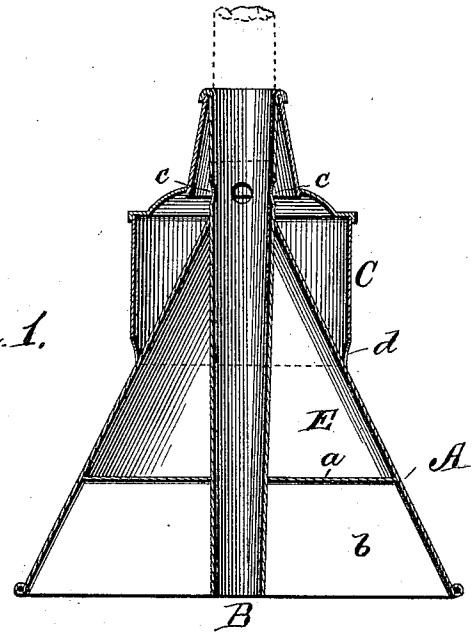
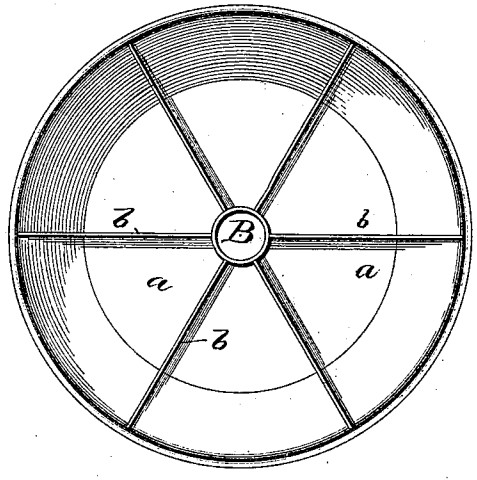


Fig. 2.



Witnesses:
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by [signature]
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UNITED STATES PATENT OFFICE.

FRANKLIN P. MIGHELL, OF SUGAR GROVE, ILLINOIS.

CLOTHES-POUNDER.

SPECIFICATION forming part of Letters Patent No. 449,555, dated March 31, 1891.

Application filed December 18, 1890. Serial No. 375,127. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN P. MIGHELL, a citizen of the United States of America, residing at Sugar Grove, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Clothes-Pounders; and I do hereby 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 letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in clothes-pounders; and it consists in the construction and combination of the parts, as will be hereinafter more fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, forming part of this specification, Figure 1 is a vertical sectional view of a clothes-pounder constructed in accordance with my invention. Fig. 2 is a bottom view.

A refers to a truncated cone, which is provided at a suitable distance above its base with a transverse partition *a*, from which depend a series of vertical partition-plates *b*, which are also secured to the sides of the cone. Through the center of the cone A extends a tube B, which at a suitable distance below its upper end is provided with perforations *c*, said perforations being located above the upper end of the cone.

C refers to a cap or cylinder having a suitable cover and means for connecting the same to the upper end of the tube B. The lower edge of this cap is provided with openings *d*.

The handle or stick by which the clothes-pounder is operated is forced into the upper end of the tube B, but not to the extent to extend below the perforations *c*.

The cap C, which incases the upper end of the tube and cone, may be of any suitable construction, that illustrated being preferred.

A clothes-pounder constructed as herein shown and described will have an air-tight compartment E, and beneath the same several open-ended chambers, as well as a chamber which connects with the lower open end of the central tube and apertures *d*.

In practice the pounder is operated in the usual manner, and when forced down the air or a large portion of that confined will pass up the tube B through the perforations *c* and out of the openings *d*, carrying with it at the same time a certain amount of water, which will be agitated to rapidly form suds. The inclosed air-chamber E will give buoyancy to the pounder.

Having thus described my invention, I claim—

In a clothes-pounder, the combination of an outer frustum-shaped shell A, having secured to its upper end a tube B, with perforations *c*, vertical walls *b*, secured to the lower portion of the shell, to the central tube, and to a transverse wall *a* within the shell, so as to form a dead-air space E, a cap secured to the shell A and provided adjacent to said shell with perforations *d*, a cover for the cap C, secured to said cap and to the upper end of the tube B, substantially as shown, whereby an air-passage is provided through the tube B and cap C for the purpose set forth.

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

FRANKLIN P. MIGHELL.

Witnesses:
PERRY WILDER,
ALBERT MIGHELL.