(No Model.)

W. G. BEAVER.

CLOTHES POUNDER.

No. 492,774. Patented Mar. 7, 1893.

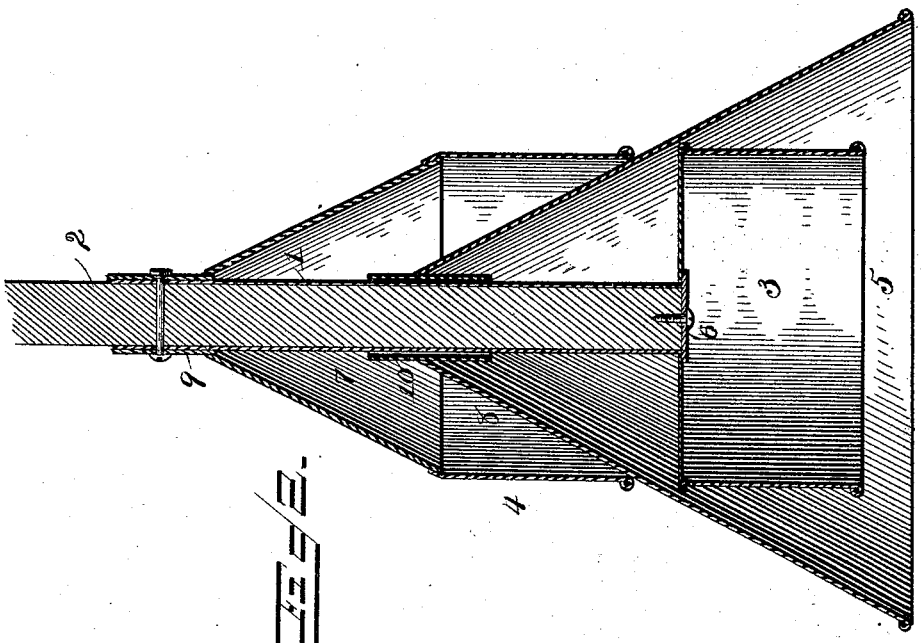

Fig. 2.

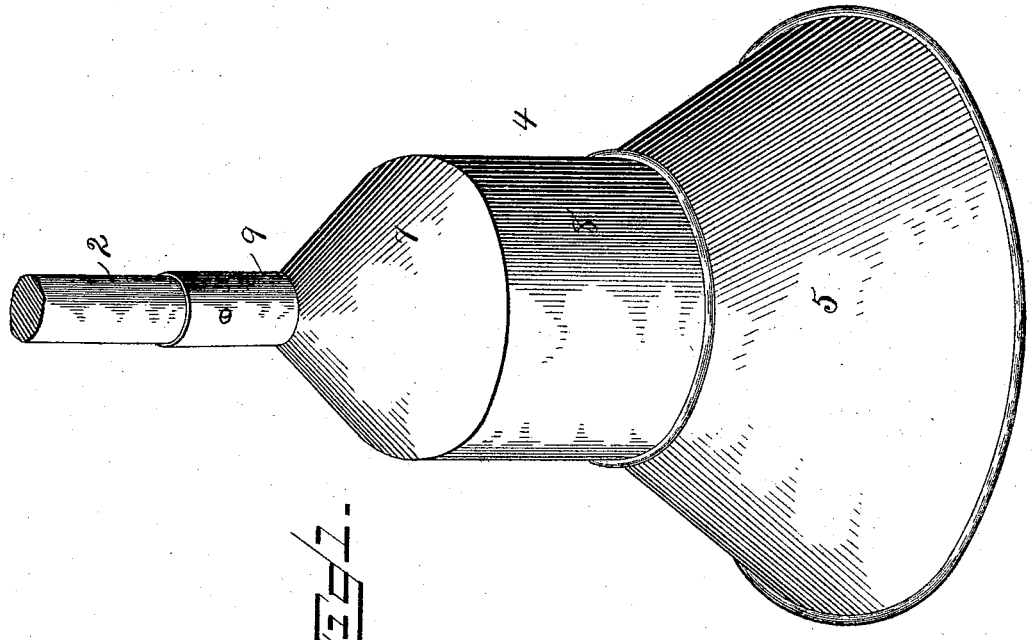

Fig. 1.

Witnesses
W. C. Schneider.
N. F. Riley

Inventor
W. G. Beaver

By his Attorneys,
C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIAM G. BEAVER, OF HILLSBOROUGH, TEXAS, ASSIGNOR OF TWO-THIRDS TO TAYLOR EVANS AND JOHN C. GARRISON, OF SAME PLACE.

CLOTHES-POUNDER.

SPECIFICATION forming part of Letters Patent No. 492,774, dated March 7, 1893.

Application filed December 8, 1892. Serial No. 454,476. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. BEAVER, a citizen of the United States, residing at Hillsborough, in the county of Hill and State of Texas, have invented a new and useful Atmospheric Clothes-Pounder, of which the following is a specification.

The invention relates to that class of washing machines known as atmospheric clothes pounders.

The object of the present invention is to provide a clothes pounder which will inclose a body of air and expel the same when it is brought down upon the clothes forcing water through the clothes and filling with water an upper chamber, and which when lifted from the clothes will release a body of water at the top of the pounder and cause water to pass through the clothes.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a clothes pounder constructed in accordance with this invention. Fig. 2 is a vertical sectional view.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a tubular stem receiving a handle 2, and provided at its lower end with an inverted bowl 3 and having mounted on it a rigid cap 4 and an intermediate cone 5 having a limited sliding movement on the stem. The bowl 3 is substantially cylindrical, and the handle is secured at the lower end of the stem by a perforated disk 6 and a screw, and at the top of the stem by a transverse screw. The cap 4 consists of a conical upper portion 7 and a cylindrical lower portion 8, and it is provided at the apex of the cone with an upwardly extending tubular socket 9, which fits on the stem 1.

The intermediate movable cone is provided at its apex with a tubular extension 10 fitting on the stem; and when the pounder is brought down upon the clothes, the air is compressed and forced through the clothes, also causing water to be forced through them. At this time the intermediate cone ascends and has a movement from an eighth to a quarter of an inch, and comes in contact with the lower rim or edge of the cap and closes the same. Water is forced over the bowl up within the intermediate cone, and into the cap which forms an upper chamber when the pounder is plunged into the water, whereby when the pounder is lifted the intermediate cone will descend, and the water will fall and pass through the clothes. This action enables clothes to be quickly washed.

It will be seen that the clothes pounder is simple and inexpensive in construction, and effective in operation.

I desire it to be understood that changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. A clothes pounder, comprising a stem, a rigid inverted bowl arranged at the lower end of the stem, a rigid cap secured to the upper end of the stem, and an intermediate sliding cone mounted on the stem and arranged between the bowl and the cap and adapted to close the latter to form an upper chamber, substantially as described.

2. A clothes pounder, comprising a stem, adapted to receive a handle, an inverted cylindrical bowl arranged at the lower end of the stem and rigidly connected therewith, a rigid cap having a conical upper portion and a cylindrical lower portion and arranged at the top of the stem, and a sliding cone mounted on the stem between the bowl and the cap, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM G. BEAVER.

Witnesses:

THOS. J. ALLEN,

MILLARD F. WINFREY.