(No Model.)

J. W. TROEGER.
Clothes-Pounder.

No. 228,142. **Patented May 25, 1880.**

Fig. 1.

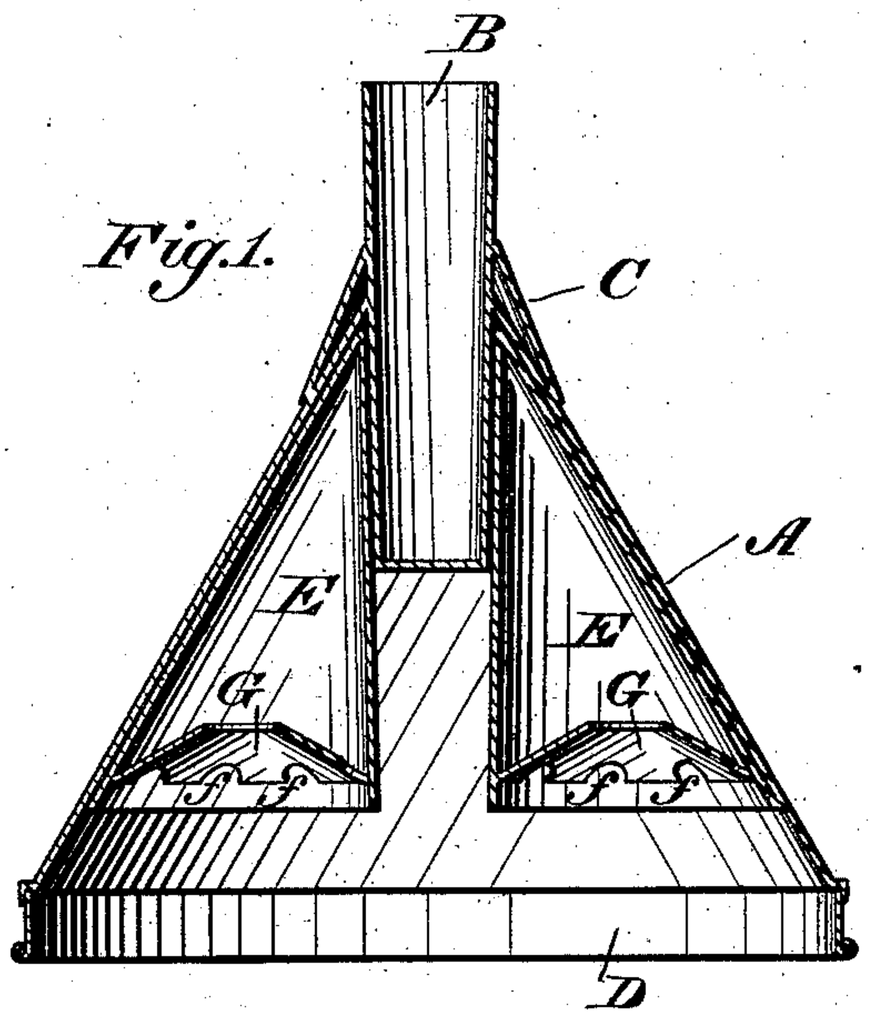
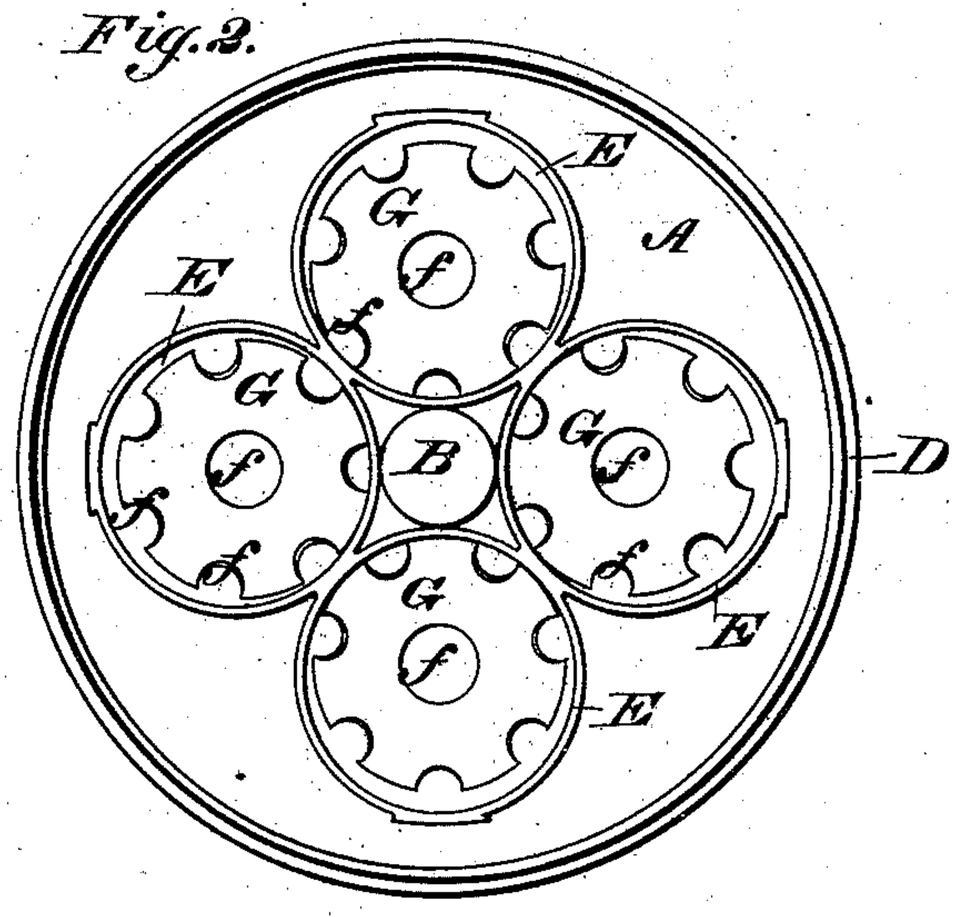


Fig. 2.



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

JOHN W. TROEGER, OF NAPERVILLE, ILLINOIS.

CLOTHES-POUNDER.

SPECIFICATION forming part of Letters Patent No. 228,142, dated May 25, 1880.

Application filed March 16, 1880. (No model.)

To all whom it may concern:

Be it known that I, JOHN WILLIAM TROEGER, of Naperville, in the county of Du Page and State of Illinois, have invented a new and useful Improvement in Clothes-Pounders, of which the following is a specification.

My invention consists in a novel construction, arrangement, and combination of an outer cone and a series of inner cones provided with perforated concave diaphragms, whereby several advantages are obtained, as hereinafter particularly described.

In the accompanying drawings, Figure 1 is a vertical sectional view of a clothes-pounder constructed according to my invention. Fig. 2 is a bottom view of the same.

The pounder is made of sheet metal, and may be either tin, copper, or brass.

The outer cone, A, is provided at its apex with a socket, B, for the reception of a wooden handle, and the point of junction of said socket with the cone is surrounded by a conical strengthening-band, C. The lower edge of the cone A has attached to it a rim, D, which is perfectly cylindrical. The socket B extends down inside the cone A to a distance nearly equal to half the height of the cone, and attached to said socket and to the interior surface of the cone A are four smaller cones, E, in the base of each of which is secured a concave diaphragm, G, provided with perforations *f*.

The pounder constructed as described is used in the ordinary manner.

The cylindrical rim D prevents the splashing of the water outside of the cone and concentrates it inside of the cone more than would be the case if the edge of the cone first struck the water.

The inner cones, E, and their diaphragms G collect and concentrate both the air and the water, and have more effect in forcing them through the clothes. The water, which passes through the perforations *f* into the cones E above the diaphragm, is retained momentarily when the pounder is rising, and then drops upon the clothes, so as to have a rinsing effect on them.

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

In a clothes-pounder, the combination of the cone A B, having cylindrical bottom rim, D, the cones E, and the perforated diaphragms G, as shown and described.

JOHN WILLIAM TROEGER.

Witnesses:
H. S. RAYMER,
CHAS. A. RASSWEILER.