C. D. ROBERTS.
Clothes-Pounder.

No. 217,153. Patented July 1, 1879.

Fig. 1.

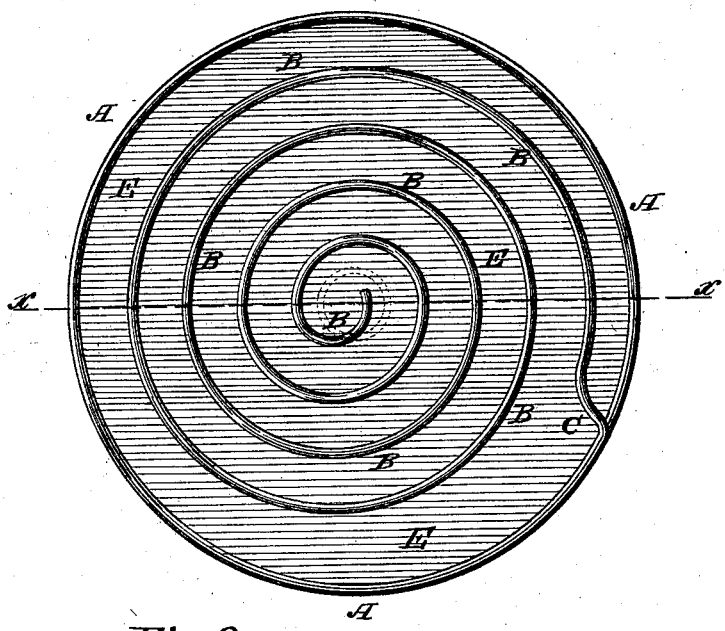
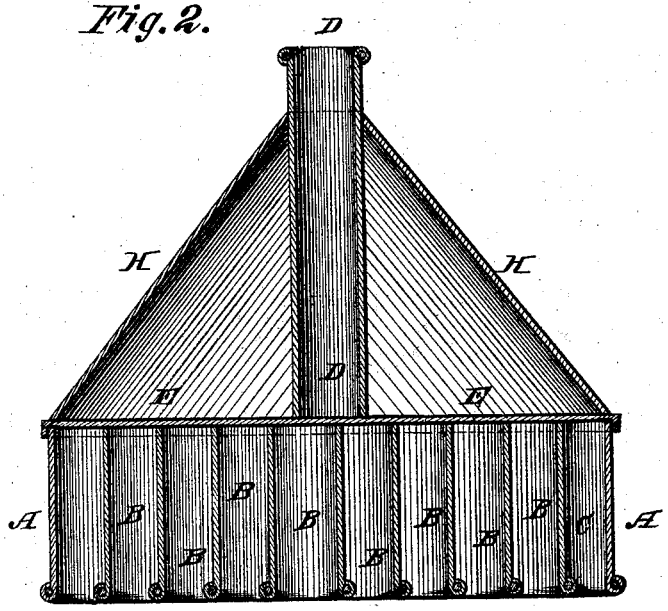


Fig. 2.



Witnesses:
P. Dietrich
Wm. Uppermann.

Inventor
Charles D. Roberts.
Per C. H. Watson & Co Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES D. ROBERTS, OF FAIRFIELD, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO WALTER H. MAXWELL, OF SAME PLACE.

IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **217,153**, dated July 1, 1879; application filed April 22, 1879.

To all whom it may concern:

Be it known that I, CHARLES D. ROBERTS, of Fairfield, in the county of Wayne and State of Illinois, have invented certain new and useful Improvements in Clothes-Pounders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a bottom view. Fig. 2 is the plan of a vertical section through *x x*.

The object of my invention is to provide, in a clothes-pounder, a continuous spiral partition extending to the circumference, so as to obtain an even pressure and suction over the whole surface of the bottom of the pounder.

My invention consists of the continuous piece of sheet metal B, connected with the diaphragm E, commencing at the center, and spirally bent until near the circumference, when it makes the shorter curve C, then continuing and forming the cylindrical cup A. The short curve C is formed so there will be no narrow crevices for dirt to collect in, and also that the pounder can be easily dried and cleaned.

To the top of the diaphragm E is attached the conical shell H and handle-socket D, the handle-socket extending through the apex of the cone H, and being attached thereto.

In using the pounder, it is alternately pressed upon and lifted from the clothes, which are to be soaped and placed in sufficient water to work easily. Thus it first makes a pneumatic pressure, which drives the water and dirt out of the clothes, and when withdrawn the suction loosens the clothes and fills them with water, preparing them for the next down-pressure.

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

In a clothes-pounder, a continuous strip of sheet metal spirally bent to form a continuous partition, B, with a shorter bend at C, and continuing and forming the cylindrical cup A, in combination with the diaphragm E, substantially as set forth.

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

CHARLES D. ROBERTS.

Witnesses:
M. R. BACON,
E. B. ARDEY.