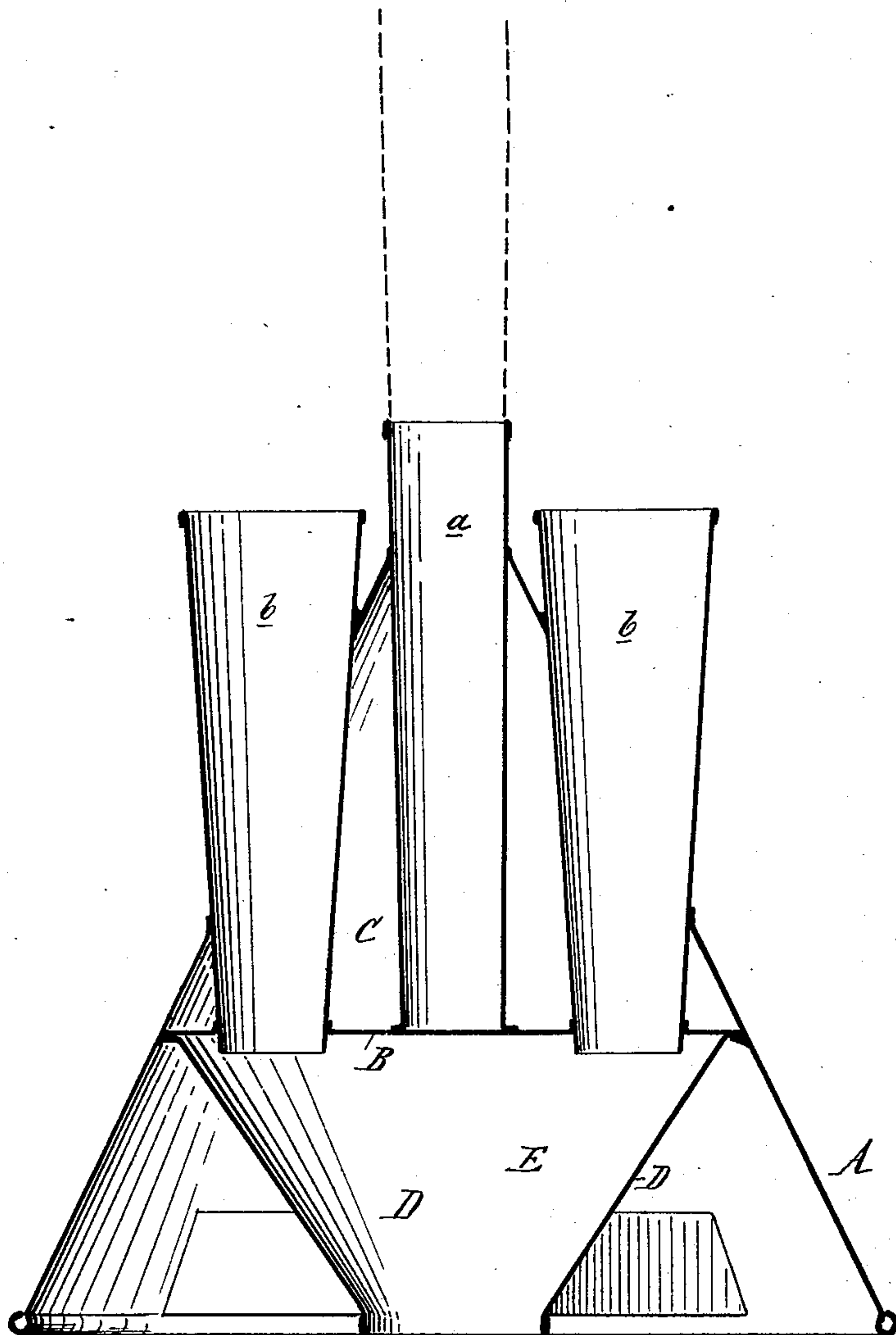


(No Model.)

J. C. LAMPMAN.  
CLOTHES POUNDER.

No. 247,071.

Patented Sept. 13, 1881.



*Attest:*  
*A. Barthel*  
*R. E. Mallory*

*Inventor:*  
*John C. Lampman*  
*by W. S. Sprague*  
*Atty*

# UNITED STATES PATENT OFFICE.

JOHN C. LAMPMAN, OF HASTINGS, MICHIGAN.

## CLOTHES-POUNDER.

SPECIFICATION forming part of Letters Patent No. 247,071, dated September 13, 1881.

Application filed July 8, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. LAMPMAN, of Hastings, in the county of Barry and State of Michigan, have invented an Improvement in Clothes-Pounders, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of clothes-pounders; and the invention consists in the peculiar construction and arrangement of parts, as more fully hereinafter described.

In the accompanying drawing, which represents my invention as a central vertical section, and which forms a part of this specification, A represents a cone, made of sheet metal, of such character as will not rust, and at its apex it is provided with a socket, *a*, to receive a proper handle or shaft.

B is a diaphragm dividing the hollow cone into two chambers, the upper one, C, being a tight chamber and having no communication with the outer air. The socket *a* extends down and at its bottom end is secured to the top of this diaphragm.

An inverted cone, D, the base of which is equal in diameter to the diameter of the diaphragm B, is secured to the lower side of such diaphragm and to the walls of the cone A at their points of intersection, as shown in the

drawing, and the apex of the inverted hollow cone is cut off on the line of the base of the cone A. The inverted cone, secured as described, converts the lower chamber, E, of the cone A into an annular conical-shaped chamber, as shown. Tubes *b* afford communication with the outer air from the interior of the inverted cone, passing through the diaphragm B and the walls of the cone A.

By this construction and arrangement a break in the air current and passage is had, by which a more free ingress of air is obtained without the egress of water, as would be the case if the air-tubes *b* extended downward through the walls of the inverted cone D, or if the latter were removed.

The construction herein described prevents suction.

What I claim as my invention is—

A hollow conical clothes-pounder divided into three chambers by means of a diaphragm and inverted cone, and provided with air-pipes *b*, affording communication between the interior of the inverted cone and the exterior of the head, substantially as described.

JOHN C. LAMPMAN.

Witnesses:

FRED H. HOTCHKISS,  
M. W. RIKER.