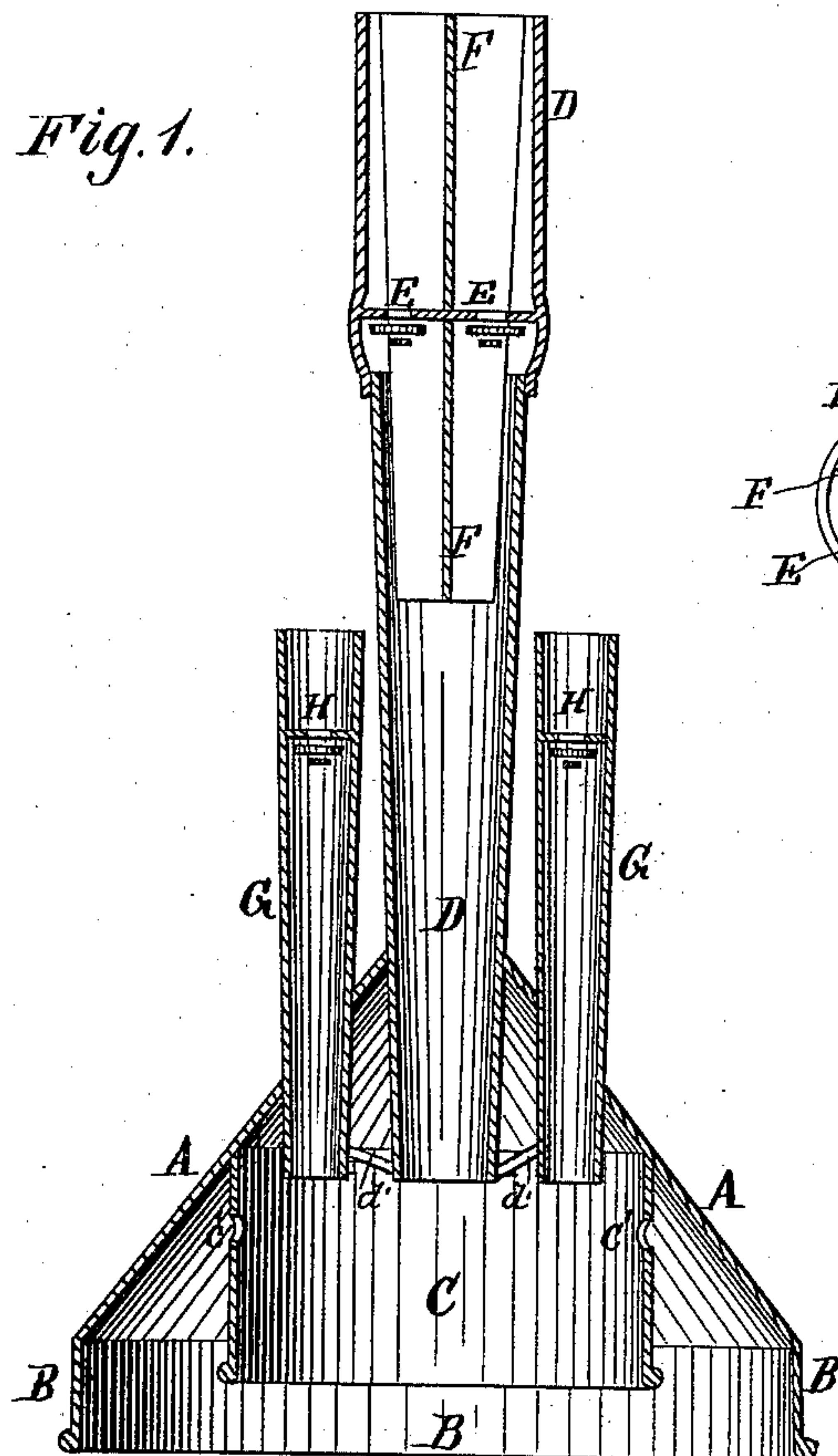


W. F. JENKINS.  
Clothes-Pounder.

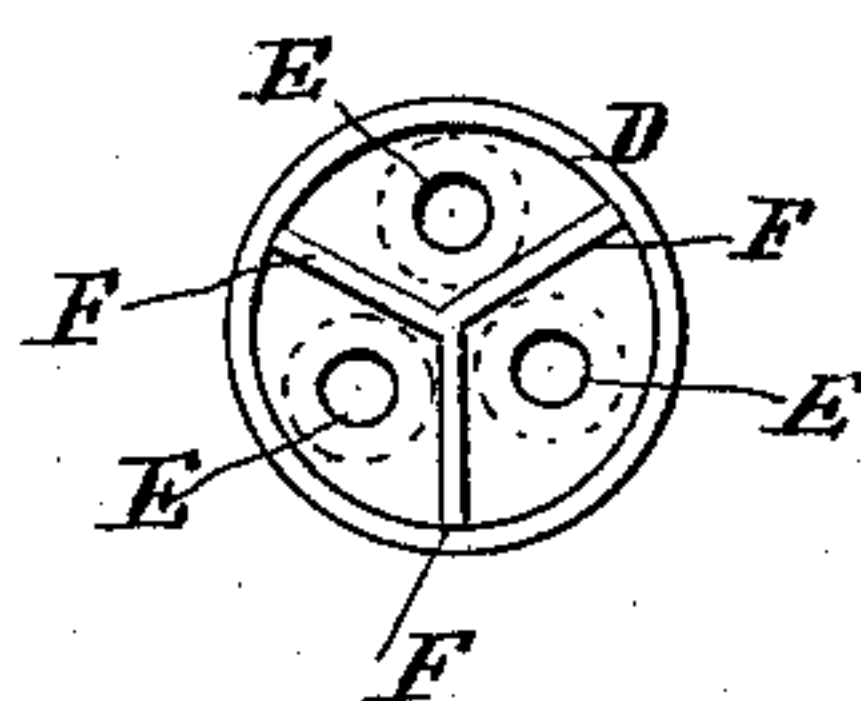
No. 222,054.

Patented Nov. 25, 1879.

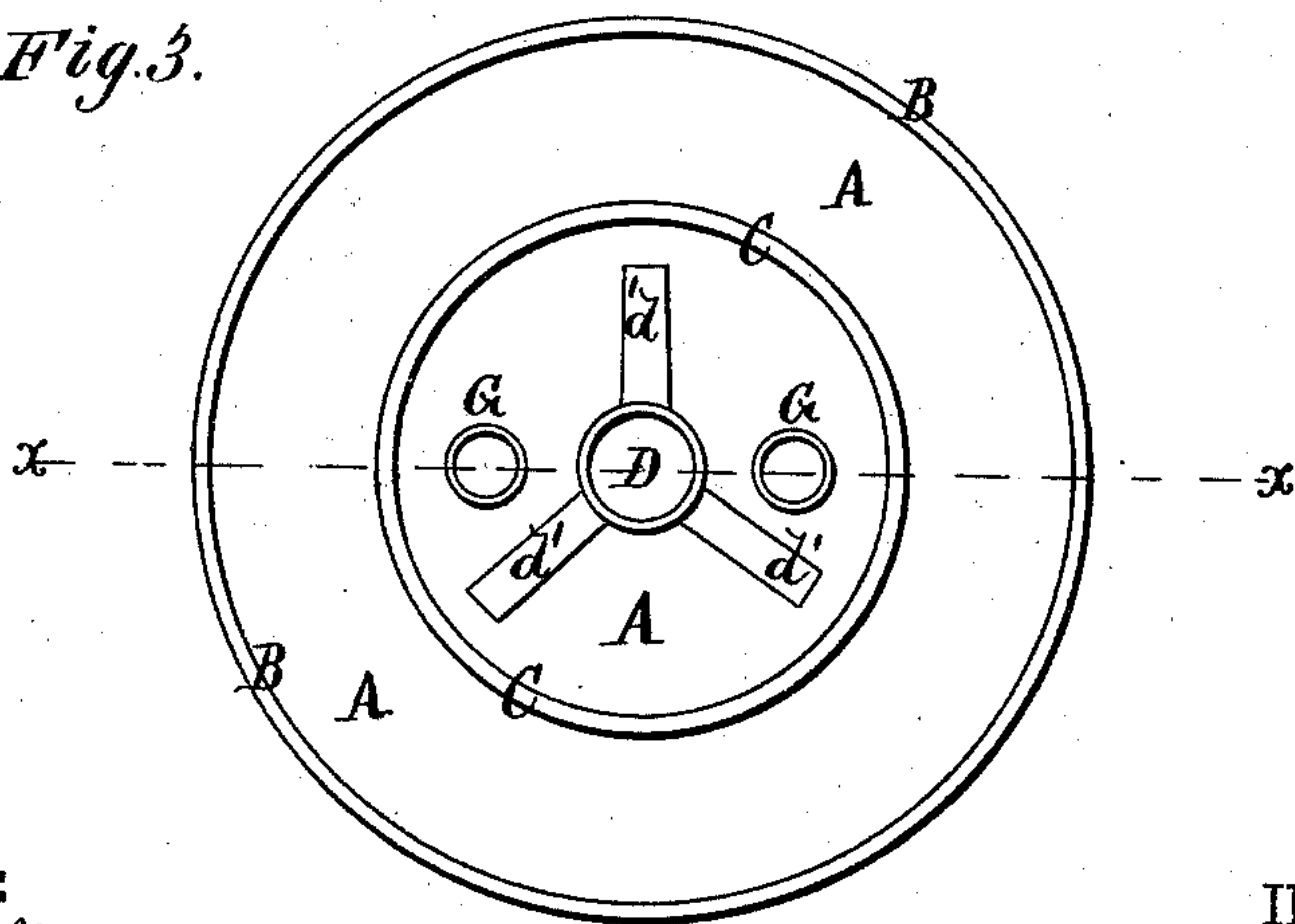
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*Henry N. Miller*  
*C. Sedgwick*

INVENTOR:

*W. F. Jenkins*  
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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WALTER F. JENKINS, OF FITHIAN, ILLINOIS.

## IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **222,054**, dated November 25, 1879; application filed August 5, 1879.

*To all whom it may concern:*

Be it known that I, WALTER FINLEY JENKINS, of Fithian, in the county of Vermillion and State of Illinois, have invented a new and Improved Clothes-Pounder, of which the following is a specification.

Figure 1 is a vertical section of my improved machine, taken through the line *x x*, Fig. 3. Fig. 2 is a top view of the main stem. Fig. 3 is a bottom view of the machine.

The object of this invention is to furnish an improved machine for washing clothes.

The invention consists in combining and constructing the parts of a pounder or clothes-washer as hereinafter described.

A is the outer case of the washer, which is made in the shape of an inverted funnel, and is provided, in the usual way, with a vertical cylindrical part, B, to enter the water, so that it may be raised without lifting a quantity of water, and may thus be more easily operated. C is the inner case, which is made vertical or cylindrical in form, and its upper edge is secured to the outer case, A, at or near the middle parts of its inclined sides. The lower edge of the inner case, C, does not extend down so low as the lower edge of the cylindrical part B of the outer case, A. In the upper part of the inner case, C, are formed air-holes *c'*, to allow air to pass from within the inner case, C, into the space between the said inner case, C, and the outer case, A B, to prevent suction when the machine is raised out of the water.

D is the main or central stem, which serves as a handle, and which is made hollow or tubular, passes through and is secured in a hole in the top or apex of the outer case, A, extends down a little below the upper edge of the inner case, C, and is strengthened in place by the braces *d'*, attached to its lower end. The stem D is made in two parts—a longer lower part and a shorter upper part—which are connected by a joint. The upper part of the hollow stem D is made larger than its lower part, and is slightly enlarged just above its lower end. This construction gives more room for the three valves E, attached to the middle part of the three-armed partition F. The three-armed partition F fits into the upper part of the stem D, and divides its inte-

rior or cavity into three equal parts, so that each of the valves E may work independently of the others.

I have described the hollow stem D as being provided with three valves, E, and a three-armed partition, F, and I prefer that construction; but two valves, E, or a number greater than two, may be used, the partition F being modified accordingly to form a separate passage to and from each valve E, so that the obstruction of one valve will not interfere with the working of the washer.

G are two side stems, which are made hollow or tubular, are about half the length of the main stem D, are smaller than the said main stem, and pass through and are secured in holes in the upper part of the outer case, A, upon the opposite sides of the main stem D. The lower ends of the side stems, G, extend down a little below the upper edge of the inner case, C, so as to be upon a level with the lower end of the main stem D. In the upper parts of the side stems, G, are secured valves H.

The valves E H all open downward, so that they will be closed by the air-pressure when the machine is forced downward into the water, and will thus compress the air upon the clothes, removing the dirt from the clothes very quickly and very thoroughly. As the machine is raised the valves E H open, so that it can be raised very easily and without any suction.

I am aware that washers have been made that have a tubular handle or stem and an inverted funnel as a bottom. This I do not claim as my invention; but,

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

In a clothes-washer, the combination, with the hollow stem D, made with an enlarged upper part, of a set of valves, E, and a set of partitions, F, substantially as herein shown and described, so that the obstruction of one valve will not interfere with the working of the other.

WALTER FINLEY JENKINS.

Witnesses:

M. R. STEARNS,

W. L. SPICKLEMIRE.