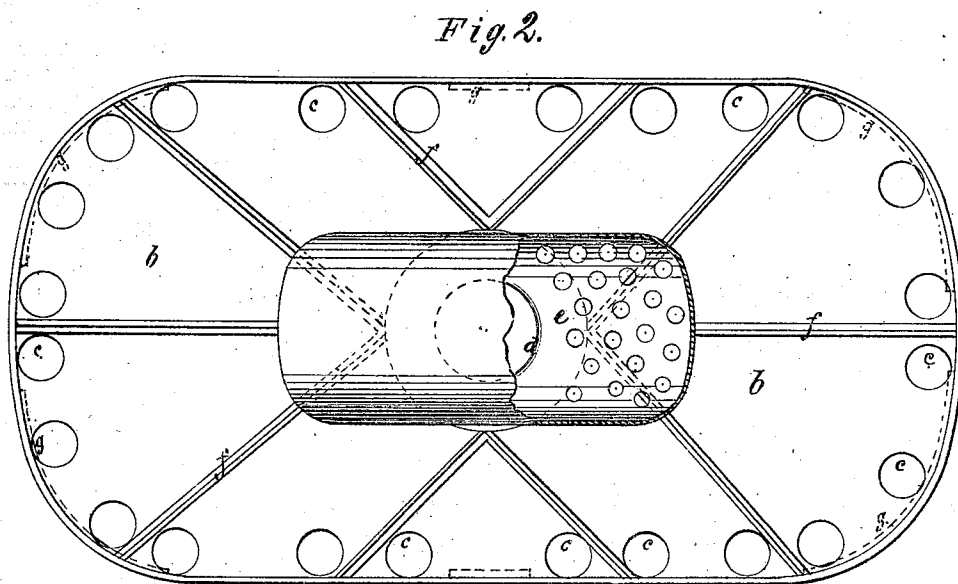
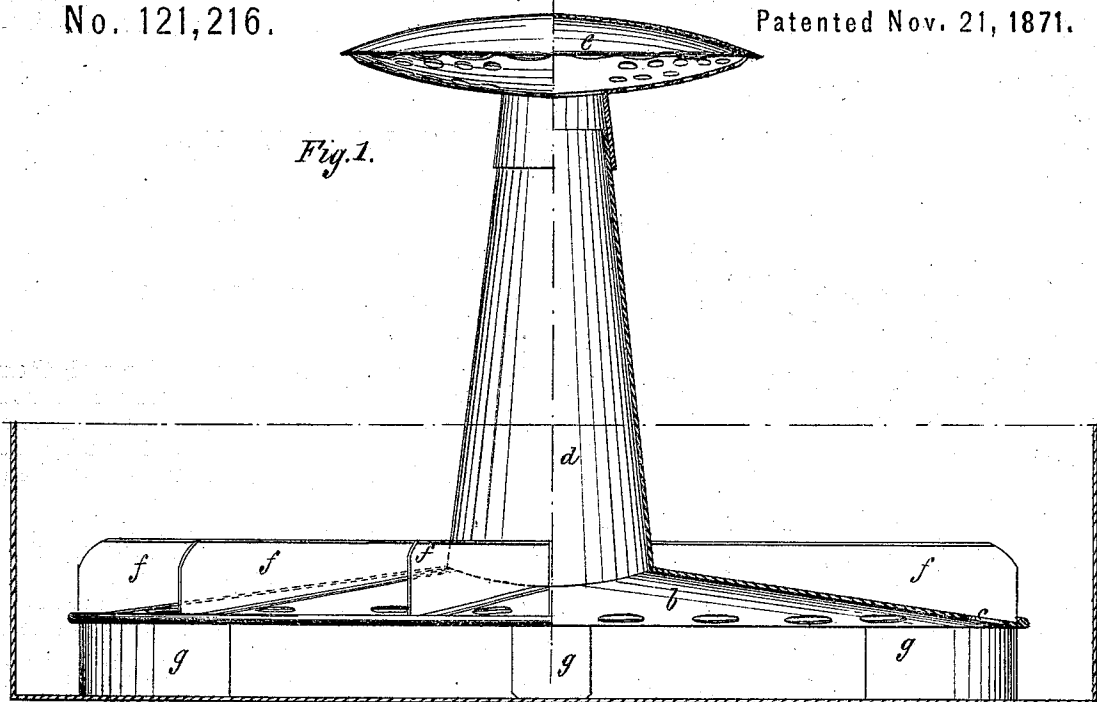


D. P. SULOUFF.
Improvement in Clothes Washers.
No. 121,216. Patented Nov. 21, 1871.



Witnesses:
J. M. Mott
C. A. Pettit

Inventor:
D. P. Sulouff.

PER *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

DAVID P. SULOUFF, OF MILTON, PENNSYLVANIA.

IMPROVEMENT IN CLOTHES-WASHERS.

Specification forming part of Letters Patent No. 121,216, dated November 21, 1871.

To all whom it may concern:

Be it known that I, DAVID P. SULOUFF, of Milton, in the county of Northumberland and State of Pennsylvania, have invented a new and Improved Clothes-Washer; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a longitudinal vertical section, and Fig. 2 is a top view.

This invention relates to a washer intended to go inside of a wash-boiler and to support the clothes to be washed, holding them above the water, and being provided with a pipe having a rose-head, through which water is forced by the steam-pressure falling from the rose-head in jets on all parts of the clothes.

Referring to the drawing, *b* is the top of the washer, the same consisting of a diaphragm sloping from the center toward the sides and ends. A series of holes, *c*, is made through the diaphragm *b* around the edge of the same. From the center of the diaphragm springs a vertical pipe, *d*, having at its top a rose-head, *e*. From the base of the pipe *d* radiate ribs *f* toward the sides and ends of the diaphragm. These ribs have horizontal upper edges, on which the clothes

are laid, so as to leave spaces beneath them for the water to run through that falls from the rose-head. A flange, *g*, extends downward from the edge of the diaphragm so as to hold up the latter and form a water and steam-space beneath it.

When the cover is put on the boiler, and heat applied, steam is generated beneath the diaphragm, above which the water should not rise. When the pressure gets to be sufficient it forces water up through the pipe *d*, and it is ejected in jets through the rose-head *e*, falling on all parts of the clothes and soaking through them and running down the slopes of the diaphragm *b*, and passing by the holes *c* back into the water-space. By this means a boiler full of clothes can be cleaned in a very short time.

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

The diaphragm *b* having holes *c* and sloping from the center toward the sides and ends, in combination with the radial ribs *f*, flange *g*, central pipe *d*, and rose-head *e*, all arranged as described.

D. P. SULOUFF.

Witnesses:

THOS. D. D. OURAND,
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