

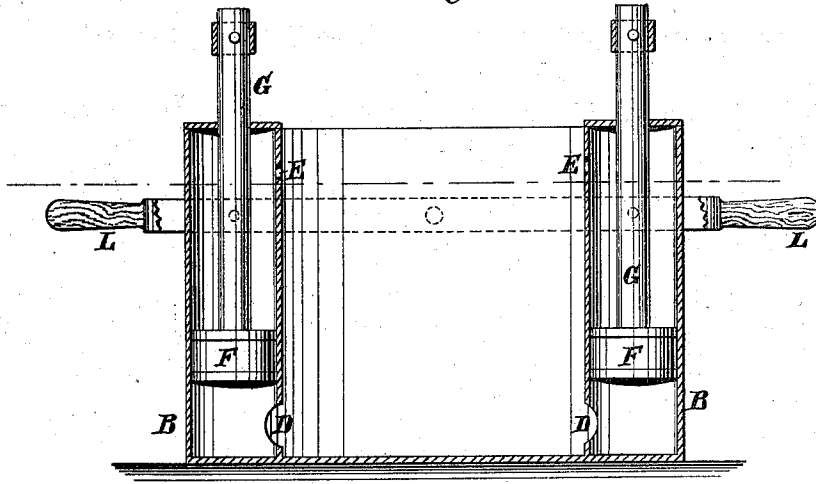
S. D. MOXLEY.

Improvement in Dish-Washers.

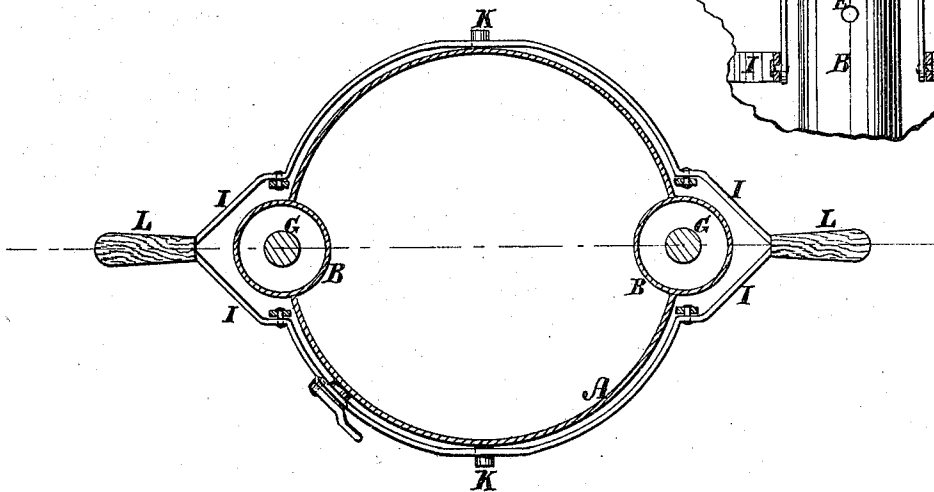
No. 126,735.

Patented May 14, 1872.

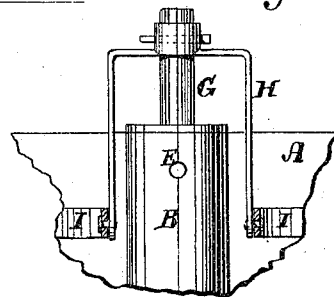
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

A Bennekenhof.  
Geo W. Mabce

Inventor:

S. D. Moxley  
PER *Munnich*

Attorneys.

# UNITED STATES PATENT OFFICE.

SAFFORD D. MOXLEY, OF KEESEVILLE, NEW YORK.

## IMPROVEMENT IN DISH-WASHERS.

Specification forming part of Letters Patent No. 126,735, dated May 14, 1872.

Specification describing a new and Improved Dish-Washer, invented by SAFFORD D. MOXLEY, of Keeseville, in the county of Clinton and State of New York.

My invention consists of any suitable tub, pail, or bucket, with a vertical hollow pump-cylinder formed on two opposite sides, with a piston in each connected to a rocking bar pivoted to the tub at right angles to the plane of the said pumps, and between them, on the outside of the tub, said bar being a kind of hoop or band extending around the tub, with a handle fronting each cylinder, and connected to the upper ends of the piston-rods in such manner that the vibration of the bar will work the pistons up and down, one going up at the time the other goes down, and these pistons draw the water after, thrown into the cylinders when they go up, and then force it out again when they go down, in such a manner as to keep up a lively agitation, calculated to be very efficient in washing dishes, vegetables, and other articles placed in the tub.

Figure 1 is a sectional elevation of my improved dish-washer taken on the line *x x* of Fig. 2. Fig. 2 is a horizontal section, and Fig. 3 is a side elevation of a part of the machine.

Similar letters of reference indicate corresponding parts.

A is the tub, and B the pump-cylinders, of which there are two, by preference, although one would suffice. Said cylinders have a large

opening, D, at the bottom, and another smaller one at the top. F represents pistons with rods G extending upward through the tops, and connected by the bent bars H with the rocking-lever I, pivoted to the sides of the tub at K, and provided with handles L for working said pump-pistons, by which means the water is alternately taken into the pumps and then forced out again with great intensity, calculated to wash the dishes, vegetables, or other articles in the tub very quickly. The upper holes E in the cylinders are to let out the water that may leak past the pistons, which are not intended to be packed very tight. They also let in the air when the pistons go down. These pump-cylinders are represented in this example as being partly inside and partly outside of the tub; but they may be wholly out or in. I prefer, however, to have them arranged about as here shown.

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

The combination of tub A, cylinders B having openings D E, and pistons F having their rods G connected by bent bar H with a common lever, I, as and for the purpose set forth.

SAFFORD D. MOXLEY.

Witnesses:

T. B. MOSHER,  
GEO. W. MABEE.