

HENRY B. TODD.

Improvement in Dish-Washers.

No. 114,367.

Patented May 2, 1871.

Fig. 1.

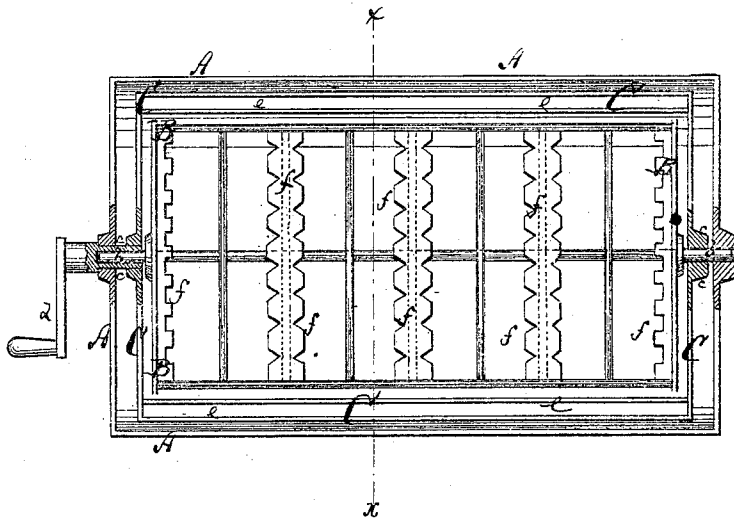
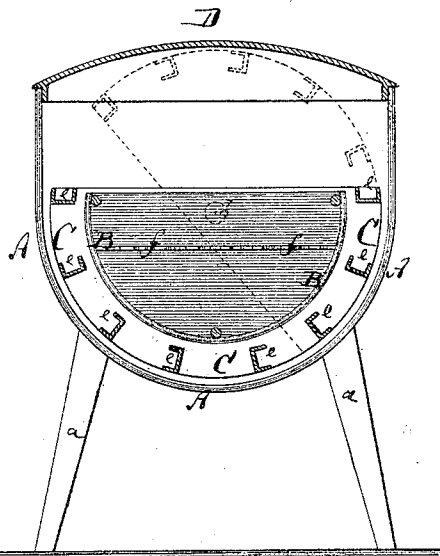


Fig. 2.



Witnesses:

A. Benneken, end of.
Wm H. C. Smith.

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H. B. Todd.

PER

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United States Patent Office.

HENRY B. TODD, OF PLYMOUTH, CONNECTICUT.

Letters Patent No. 114,367, dated May 2, 1871.

IMPROVEMENT IN DISH-WASHERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY B. TODD, of Plymouth, in the county of Litchfield and State of Connecticut, have invented a new and improved Dish-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, in which—

Figure 1 represents a plan or top view of my improved dish-washer.

Figure 2 is a vertical transverse section of the same taken on the plane of the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to a new dish-washing apparatus of very simple construction.

It consists of a stationary dish-supporter, surrounded by a semi-cylindrical rotating cradle, which carries a series of troughs, whereby the water is thrown over the dishes until they are quite cleaned.

A in the drawing represents a vessel of semi-cylindrical or other suitable form, made of sheet metal or other material, and supported on suitable legs or standards, *a*.

Within the vessel A is secured a stationary wire frame, B, which is held secure to the end of A by means of pins *b b*, as shown.

The two pins *b b* are in line with each other, and serve as pivot-supports for the cradle C, which is a semi-cylindrical frame interposed between B and A.

Tubular axles *c c* of the cradle surround the pins *b*, and hang the same to said pins.

One of the tubes *c* projects through the end of the vessel A, and has a crank, *d*, whereby the cradle can be revolved or oscillated.

The cradle contains a series of longitudinal or spiral troughs, *e e*, or equivalent vessels, which scoop the water from the bottom of the vessel A and throw it over the dishes, that are supported by racks *f f*, forming part of the dish-support B.

When the dishes have been placed upon the racks and water is poured into the vessel A the latter is closed by a cover, D, and the cradle revolved, so that water is thrown against and poured over the dishes till they are clean.

Having thus described my invention,

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

The dish-washer, composed of the vessel A, dish-support and rack B, and cradle C, the latter having the troughs *e*, as set forth.

HENRY B. TODD.

Witnesses:

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HORACE FENN.