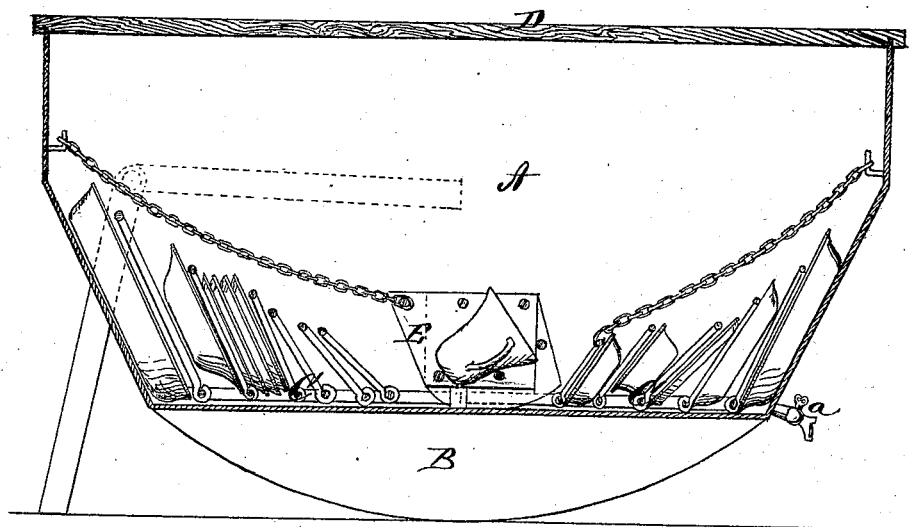


No. 110,559.

PATENTED DEC. 27, 1870.

R. & R. D. S. FILSON & J. D. COPE,  
DISH WASHER.



Witnesses  
Chas. King  
J. B. Curtis

Inventor  
R. Filson  
R. D. S. Filson  
+ J. D. Cope  
Chipman, Norman & Co  
attys

# United States Patent Office.

RUTH FILSON, ROBERT D. S. FILSON, AND JOHN D. COPE, OF XENIA,  
ILLINOIS.

Letters Patent No. 110,559, dated December 27, 1870.

## 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 we, RUTH FILSON, ROBERT D. S. FILSON, and JOHN D. COPE, of Xenia, in the county of Clay and State of Illinois, have invented a new and valuable Improvement in Dish-Washers; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon, which represent a longitudinal vertical section of our machine.

The nature of our invention consists in the construction and arrangement of a dish-washer, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing.

A represents a tub or box, in which the dishes are placed for washing. This box will have to be made of different sizes, suitable to small or large families—very large for hotels.

The sides are wood, the bottom and ends of one piece of galvanized iron.

The inside fixtures are also made of galvanized wire and of iron, which will not corrode or rust in use.

The box or tub A is placed on rockers B B, but the same end can be obtained substantially by suspending by straps, resting it on side pivots or by wooden springs being placed in the box; the object or design being, by moving the machine on the rockers, or by other appliances, to force the water quickly from end to end of the box or machine, passing it between and over the vessels to be washed.

O C are racks to hold the dishes in place, made of galvanized iron, and so constructed as to open and close, as shown in the drawing, and of such size that, when the dishes are in place, and the leaf closed or

raised, the upper cross-bar of the leaf shall rest near the upper edge of the dish, avoiding the deep base, thereby economizing room.

The manner of putting in the dishes is readily seen by the drawing, and the operation of the machine is very simple and easily understood.

Remove the lid D; the folding-leaves O C being open, take the largest plates and place the edges between the first cross-bars at the bottom, the upper edge of the plate resting back against the end of the tub; then raise the first leaf, and put in all the dishes, raising and closing the leaves as the washer is filled. The cups are placed in a separate rack, E. Now pour over the dishes the hot dish-water or suds, put on the lid, give it a few quick motions, throwing the water over the dishes; let them stand in soak or steam while the table is being cleared of cloth, &c.; then a few rapid motions of the machine will thoroughly cleanse the dishes. Now draw off the water through the faucet a, pour over the water to rinse, again put the machine in motion for a minute, draw off the rinse water, take off the lid, and let the dishes stand in place to dry.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The box or tub A, with the inside dish-racks O C, of oscillating leaves, the whole being placed on rockers B B, substantially as and for the purposes herein set forth and shown.

In testimony that we claim the above, we have hereunto subscribed our names in the presence of two witnesses.

RUTH FILSON.  
ROBERT D. S. FILSON.  
JOHN D. COPE.

Witnesses:

JULIA MYERS,  
C. O. SYMONDS.