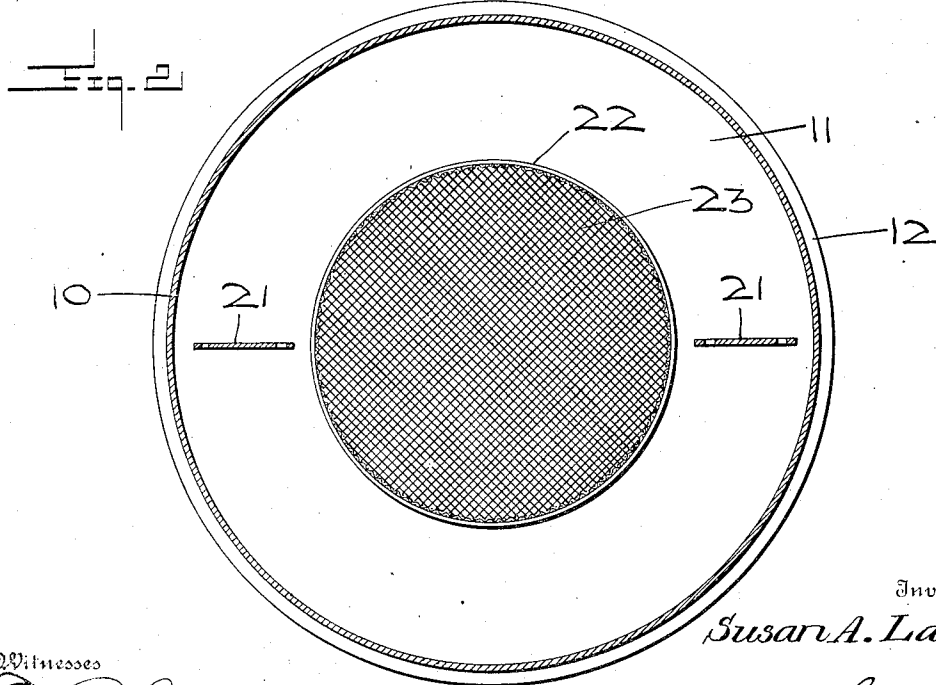
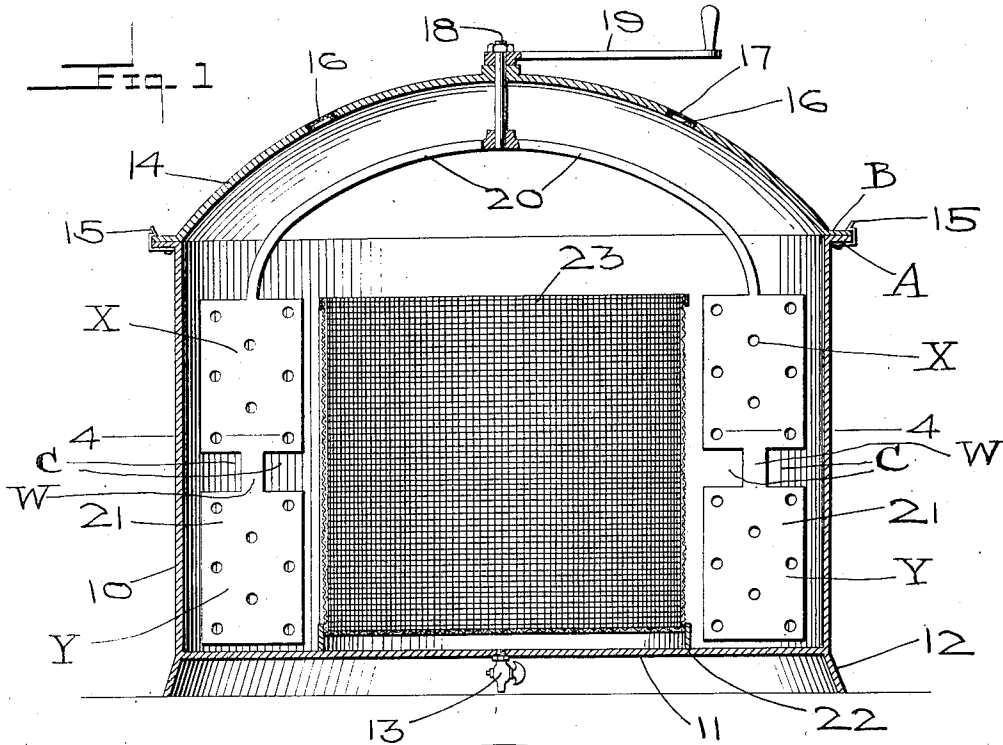


S. A. LATTA.
DISH WASHER.
APPLICATION FILED NOV. 3, 1908.

938,002.

Patented Oct. 26, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

SUSAN A. LATTA, OF MANLIUS, ILLINOIS.

DISH-WASHER.

938,002.

Specification of Letters Patent.

Patented Oct. 26, 1909.

Application filed November 3, 1908. Serial No. 460,962.

To all whom it may concern:

Be it known that I, SUSAN A. LATTA, a citizen of the United States, residing at Manlius, in the county of Bureau and State of Illinois, have invented certain new and useful Improvements in Dish-Washers, of which the following is a specification.

This invention relates to washing machines and refers especially to a machine by which dishes may be washed.

An object of this invention is to produce a machine that will effect the washing of a plurality of dishes at one time.

The invention has as a further object the production of a washer by which the water is agitated while the dishes are held in a stationary position.

A still further object of the invention is to produce a device of this character having the above enumerated advantages which will be strong, durable and which will comprise but few parts.

Other objects and advantages will be apparent from the following description and it will be understood that changes in the specific structure shown and described may be made within the scope of the claim without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like characters of reference indicate similar parts in the several views, Figure 1 is a vertical central section of the washer, Fig. 2 is a horizontal section on line 4—4 of Fig. 1.

Referring to the drawings, 10 designates a cylindrical receptacle which is provided with a bottom 11 and a base 12. The base 12 comprises a depending flange disposed about the edge of the bottom 11 for the purpose of raising the same a short distance above the ground. The bottom 11 is provided with a valve 13 for the escape of the water from the receptacle 10 when the same has been used.

The receptacle 10 is provided with an outwardly turned flange A at its upper edge, receiving thereupon the flange B of a cover 14 which is hermetically sealed upon the flange of the receptacle 10 by means of the clasps 15. The cover 14 is of convex forma-

tion and is provided with air ports 16 which are covered by screens of fine mesh 17 which are formed of wire or like durable and strong material for the purpose of admitting of the passage of air into and from the receptacle 10 during the operation of the device.

A shaft 18 is positioned vertically through the cover 14 and is provided with a hand crank 19 upon the upper extremity thereof for the purpose of rotating the shaft 18. The shaft 18 carries at its lower end, a yoke consisting of arcuate arms 20 which radiate therefrom and which are curved downwardly at their outer extremities to support the paddles 21 which are formed integral therewith and which extend to the bottom 11 and are employed in agitating the water contained in the receptacle 10. The paddles 21 comprise metallic plates which are perforated to allow the water to pass through them, and which have oppositely located recesses C in their side edges.

A circular flange 22 is centrally formed upon the bottom 11 upon the upper face thereof to receive and to hold in rigid position a circular wire basket 23 in which are placed the dishes to be washed.

In operation, the cover 14 is removed from the receptacle 10 and the basket 23 is removed to place the dishes therein. When the basket 23 is filled it is replaced in the receptacle 10 and the cover 14 is secured in place by the clasps 15. The handle 19 is now rotated when the arms 20 are caused to revolve and to carry the paddles 21 through the water placed in the receptacle 10 about and through the basket 23. The water can be drawn from the receptacle 10 through the valve 13 when it is desired to change the same.

What is claimed is:—

In a dish washer, the combination with a cylindrical casing, of an upstanding circular flange located upon the bottom of the casing, a foraminous basket disposed with its lower end within the upstanding flange, said basket being cylindrical and being disposed in spaced relation to the casing, a curved cover disposed upon the casing, means for holding the cover in position, a

shaft engaged through the cover, a yoke
engaged with the shaft, said yoke including
arcuate downwardly extending arms which
straddle the basket, a paddle carried by the
5 lower end of each arm, each of said paddles
consisting of relatively large upper and
lower portions and a connecting transversely
reduced portion, and a crank connected with

the shaft above the cover for rotation of the
shaft.

10

In testimony whereof I affix my signature,
in presence of two witnesses.

SUSAN A. LATTA.

Witnesses:

BESSIE WOOD,
FRANCES OSBORN.