

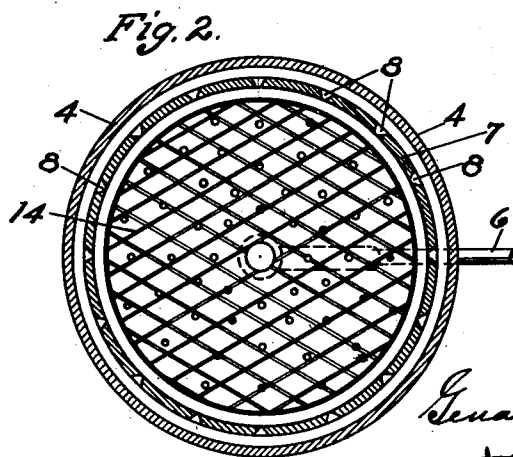
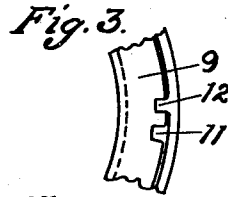
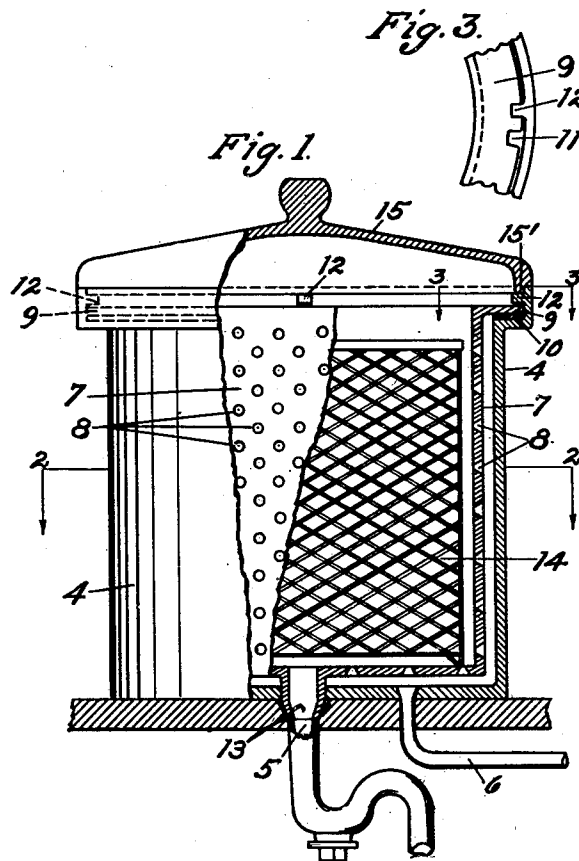
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G. CELAYA

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DISH WASHING MACHINE

Filed March 11, 1930



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UNITED STATES PATENT OFFICE

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DISH WASHING MACHINE

Application filed March 11, 1930. Serial No. 434,954.

My invention relates to dish washing machines, and more particularly to a dish washing machine which can be installed as a permanent feature, with an outside or main receptacle permanently connected for a supply of hot and cold water and with a drainage connection, with an intermediate spray member in the form of an inner container with perforations of nozzle type through its side and bottom, and with a basket or holder for the dishes placed within the intermediate member, and with a suitable cover.

In order to explain my invention, I have illustrated the same on the accompanying sheet of drawings, which I will now describe.

Figure 1 is a side elevation of a dish washing machine embodying my invention, with portions broken out and showing the outer and intermediate containers in section;

Figure 2 is a horizontal sectional view through the washer at the position of line 2-2, Fig. 1; and

Figure 3 is a fragmentary plan view looking down into the outer and intermediate containers, with the cover removed, at line 3-3, Fig. 1.

Referring in detail to the drawing, 4 designates an outer container supported in any suitable place, with a drain connection, as at 5, and with water supply pipe 6, through which hot and cold water under pressure can be supplied.

Mounted in said outer container 4, is an intermediate container or spray member 7, having its side wall and bottom provided with perforations 8, tapering inwardly to form discharges nozzles, said intermediate spray member having an overlying top flange 9, resting upon a gasket 10, on the outer member 4, substantially in the manner shown, thus closing the top of the annular space between the outer and intermediate members. In order to secure said intermediate member in place, it is provided around its flange edge with notches 11, adapted to pass over lugs 12 around the inside of the top of the outer member 4, after which said intermediate member is given a slight turn, as illustrated in Fig. 3, thus interlocking the intermediate member in place within the outer member with

the annular space therebetween. Said intermediate member is provided in its bottom with a drain member 13, designed to fit into the drain 5, of the outer member when said intermediate member is placed therein, as indicated in the drawing.

Mounted in the intermediate container or spray member 7, is a basket or dish holder 14, which can be lifted in and out and can be of any desired arrangement for holding dishes in the best positions to be subjected to the force of the sprays discharged from all directions through the nozzle openings 8, 8, in the intermediate member 7.

A cover 15 is designed to fit over the top of the outer member 4, with an annular portion 15' seating within the top rim of said outer member, somewhat in the manner indicated in Fig. 1.

Thus I have provided a simple, practical and convenient dish washing machine with a combination container and spray member positioned to have the washing fluid discharged from all directions in fine sprays, under force, with a basket or holder for holding the dishes to be washed and which is removable at will. It will also be noted that said intermediate spray container is removable at will also. The annular space between the outer member 4 and said intermediate member 7, is narrow and being closed at its top will quickly fill with water because of the pressure and thus function as a spray member for forcing the fine sprays from all directions onto and into the dishes within the basket.

I do not limit my invention to the details of construction and arrangement here shown for descriptive purposes, except as I may be limited by the hereto appended claim.

I claim:

A dish washing machine including in combination an outer container with a drainage connection and a pipe connection for supplying water under pressure thereto, said container having an annular enlargement around its top to provide a seat, an intermediate container having an annular flange around its top to rest upon said seat with its wall spaced from said outer container and provided with

discharge openings of tapering form to form
restricted openings into said intermediate
container, said intermediate container having
a drainage connection at its bottom with said
5 first drainage connection, a dish holder in said
intermediate container, and a cover for said
containers, the annular space between the out-
er and intermediate containers being closed
at the top by said annular flange and said
10 seat.

Signed at Los Angeles, Los Angeles Coun-
ty, California, this 4th day of March, 1930.
GENARO CELAYA.

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