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M. E. HATCHER

DISH DRAINER

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Fig. 1.

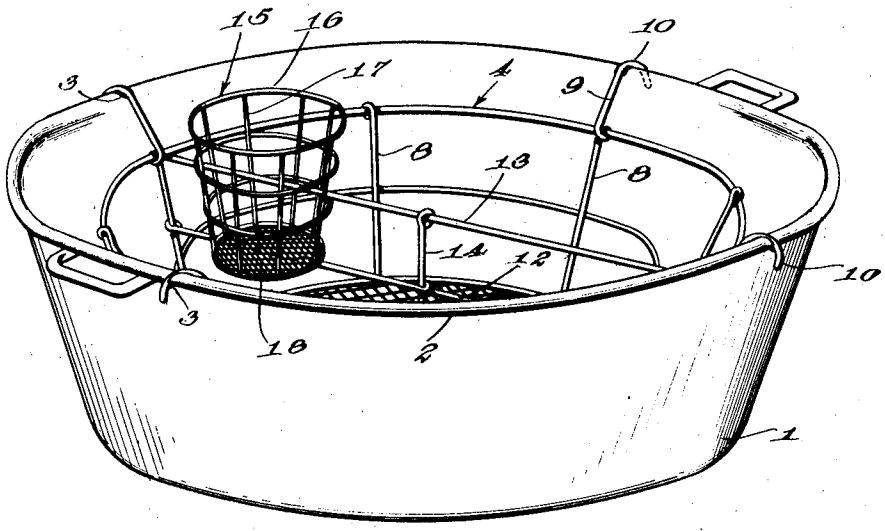
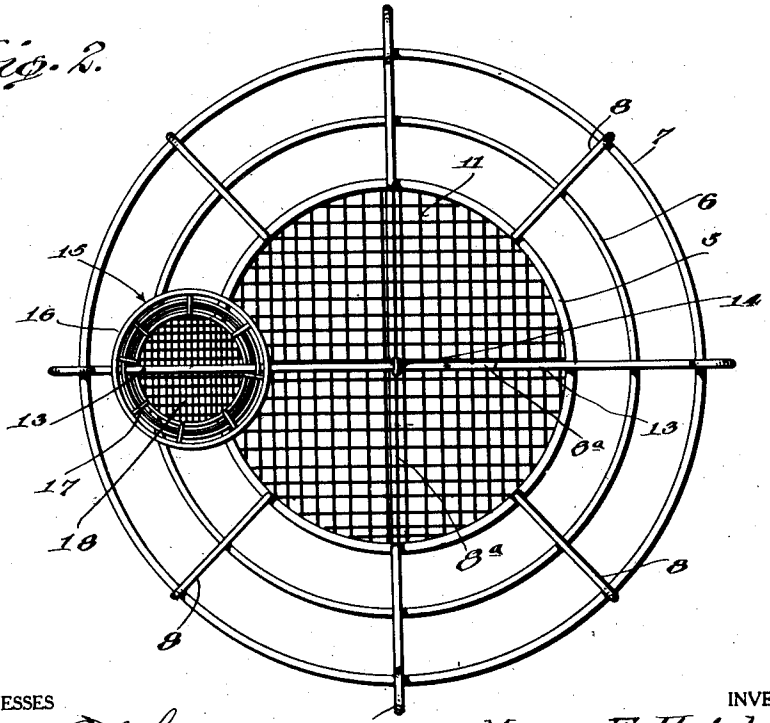


Fig. 2.



WITNESSES

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DISH DRAINER.

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This invention relates to a dish washing apparatus and more particularly to a novel form of dish drainer. The object of the invention is to provide an apparatus of this character whereby the dishes are cleaned and dried without using dish-cloths, thereby reducing the labor involved and also eliminating the unsanitary features of dish-cloths.

A further object is to provide a novel form of dish drainer which greatly facilitates not only the drying but also the handling of the dishes.

Other objects and advantages reside in certain novel features of the construction, arrangement and combination of parts which will be hereinafter more fully described and particularly pointed out in the appended claim, reference being had to the accompanying drawings forming a part of this specification, and in which:—

Figure 1 is a perspective view showing the embodiment of the invention, and

Figure 2 is a plan view of the dish drainer.

Referring to the drawings the numeral 1 designates generally a dish pan having its rim 2 provided with slots 3 at angular intervals of 90°. The dish drainer constituting the present invention is designated generally at 4 and includes an open-work body made up of rings 5, 6 and 7 and rods 8 extending between the rings and connected thereto to hold the rings in spaced relation and to brace and strengthen the same. Certain of the rods 8 have extensions 9 formed with hooks 10 engageable with the slots 3 to provide for the support of the drainer on the dish pan. The dish drainer also includes a bottom 11 of wire mesh or other reticulated material. The bottom 11 is secured around its margin or periphery to the bottom ring 5 of the main body or frame of the drainer and is braced by the underlying parts of certain of the rods.

The dish drainer is divided up into compartments and further braced and strengthened by means of transverse rods 12 and 13 extending between and secured to the diametrically opposite rods 8. These transverse brace rods 12 and 13 may also be secured to the rings 6 and 7, respectively. A centrally disposed and vertically extending brace rod 14 extends from the wire mesh bottom up through the body of the drainer and is twisted around or otherwise interconnected with and secured to the transverse rods 12 and 13. The brace rods 12, 13 and 14 divide the body of the drainer into two compartments, one for the platters and plates and the other for the cups, saucers, and other small dishes. These braces 12, 13 and 14 also provide a support against which the platters and plates may rest when supported on their edges in an inclined position whereby the drying and draining of the platters and plates is greatly facilitated.

Within the body of the drainer a rack, designated generally at 15, is provided for use in supporting the knives, forks, and spoons during the draining operation. This rack 15 includes a conical body made up of rings 16 and vertical rods 17 interconnected with the rings and the rack also includes a bottom 18 of wire mesh or other reticulated fabric suitably secured to the lowermost ring 18. The rack 15 has its bottom resting on the transverse brace rod 12 while the upper transverse brace rod 13 extends diametrically through the rack 15 at a point approximately half way between its top and bottom, thereby dividing the rack 15 into two compartments, one compartment being for the spoons and the other for the knives and forks. The brace rod 13 is suitably secured to one of the rings 16 and one of the rods 17 so as to co-act with the brace rod 12 in supporting the rack as well as to serve its dividing function.

When the dish drainer is supported in the dish pan as shown in Fig. 5 its bottom is preferably slightly above the bottom of the dish pan so that when hot water is poured over the dishes after the same have been washed the water will drain out of the drainer into the dish pan and the dishes will dry either with the drainer left in the dish pan or after the same has been removed therefrom. The advantage of having the hooks of the drainer engage slots in the dish pan is to prevent accidental displacement of the drainer on the dish pan but, of course, it is to be understood that the present inven-

tion may also be used with conventional dish pans, the hooks fitting over the rim of the dish pan.

I claim:

A dish drainer having an open-work body made up of a plurality of rings and rods interconnecting the rings for bracing them and holding them in spaced relation, a bottom of wire mesh secured to the lowermost ring, a plurality of vertically aligned transversely extending rods connecting opposite portions of the open-work body and serving to brace the body and to divide the interior of the same into compartments, and a rack carried by said transverse brace rods, a portion of one of said transverse brace rods extending through the rack to divide the same into compartments.

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