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1,763,174

DRAINER

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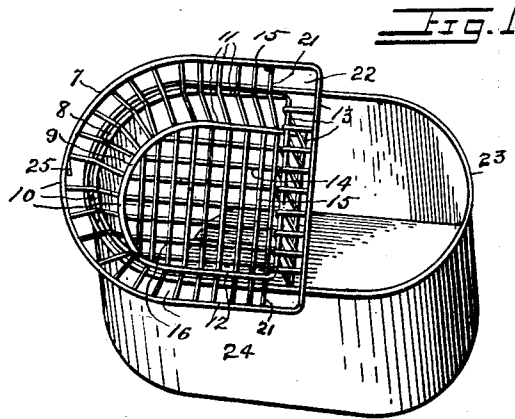


Fig. 2

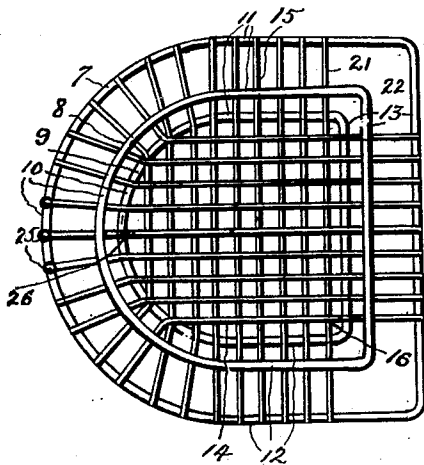


Fig. 3

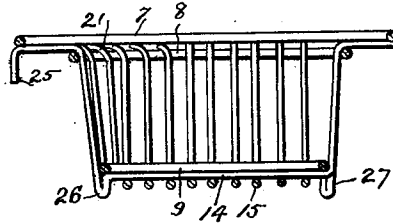
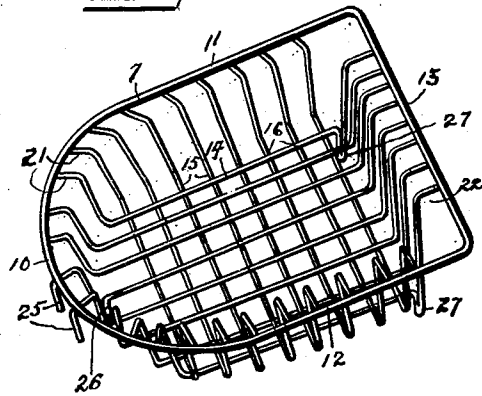
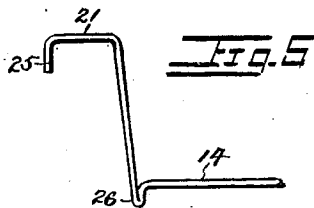
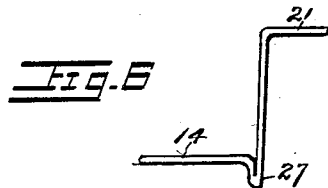


Fig. 4



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DRAINER

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This invention relates to drainers, one object of the invention being to provide a drainer in basket form adapted to be positioned upon and to occupy approximately one half of the open top of a wash boiler to receive the clothes as they are removed therefrom and permit the surplus water to drain back into the boiler.

Another object of the invention is to provide means whereby the position of the drainer to the boiler may be maintained and unpremeditated movement of said drainer on the boiler avoided.

A still further object of the invention is to provide means adapting the device to the draining of dishes, said means including the provision of legs of novel formation, by which the basket may be supported spaced from the bottom of a sink to permit the rinsing water to pass directly through instead of backing up upon the dishes as it otherwise would do.

With these and certain other objects in view which will appear as the description proceeds, the invention resides in the novel construction and arrangement of parts herein-after first fully described in the following specification and later more particularly pointed out in the appended claims, reference also being had to the drawings forming part hereof, in which similar characters to reference indicate similar parts throughout the different views and in which—

Fig. 1 is a view in perspective of a wash boiler with the drain basket operatively positioned thereon.

Fig. 2 is a bottom plan view of the drainer.

Fig. 3 is a longitudinal sectional view of the invention.

Fig. 4 is a view in perspective of a modified form of the invention.

Fig. 5 is a fragment of one of the central wires of the basket showing the manner in which the said wire is bent to form a hook and leg thereof at the rounded end of the drainer.

Fig. 6 is a fragment of one of the side wires showing the manner of forming a leg thereon at the square end of the basket.

In the drawings and with special reference

to Figs. 1, 2 and 3, the numerals 7, 8 and 9 indicate the basket shaping or frame members, these being preferably made from relatively heavy wire, of the same shape but of downwardly decreasing size so that the top of the basket may form a horizontal flange and the sides taper downwardly and inwardly therefrom.

The ends 10 of the frame members 7, 8 and 9 are preferably of semi-circular contour to conform to the shape of the end of a wash-boiler, their extensions 11 and 12 continuing in parallel to join the ends of the cross members 13.

The body members 14 and 15 preferably cross each other at right angles as at 16, to form the bottom 17 of the basket, leaving which they are bent to pass under and upwardly around the frame member 9 from which they extend upwardly a suitable distance to form the sides of the basket, thence turning out over the top of the frame member 8 to reach and pass under the frame member 7, where, save for the exceptions hereinafter mentioned, they terminate.

The body members are secured to each of the frame members and to each other at all points of contact, by soldering, spot welding or by any other suitable means.

The frame member 9 is made sufficiently smaller than the member 8 to ensure a taper of the walls of the basket so that easy entrance of the same into the top of a wash-boiler is ensured, and the member 7 is proportioned sufficiently larger than the member 8 so that the horizontal portions 21 of the body members or wires 14 and 15 form a flange 22 adapted to rest upon the upper edge 23 of the boiler 24, the basket being thereby prevented from dropping into the boiler.

The flange 22 also forms a means by which the basket may be readily picked up and carried from place to place.

25 indicates a hook or hooks preferably formed by bending down the ends of certain of the body members 14 below the upper frame member 7, the said hooks being adapted to engage the outer surface of the end of the boiler to prevent longitudinal displacement of the drainer upon the boiler.

26 indicates a leg which may be formed by the bending of one or more of the central body members 14 in the manner best shown in Fig. 5, and 27—27 indicate legs formed at the square end of the basket by the bending of two of the outer side members 14 in the manner illustrated in Fig. 6. Thus the basket may be supported, preferably upon three legs, spaced from the bottom of a sink when it is placed therein to function as a drainer for dishes.

In Fig. 4 a modification of the structure previously described is shown, this form differing from the other merely in the omission of the frame members 8 and 9. In all other respects the two are similar.

In the description only two uses for the device have been mentioned, but to persons engaged in house work many other useful purposes will readily occur.

The foregoing description embodies the preferred form of the drainer, but many changes and modifications will readily occur to persons skilled in the art to which it pertains, and such modifications and changes, should they come within the scope of the appended claims, I will claim as mine.

Having thus fully described my said invention, what I claim is:—

1. A device of the kind described comprising a plurality of wires shaped to form a basket having sides, a bottom, a rounded end and a straight end, said sides and ends tapering towards the bottom, the upper portions of said wires being outwardly directed, a frame member to which the upper ends of the wires are secured, a downwardly directed hook at the rounded end of the structure, and legs on the bottom thereof.

2. A drainer shaped to form a basket having a bottom and a rounded end, a frame member defining the shape and size of the bottom, a plurality of wires crossed to form the bottom then turned upwardly around said frame member to form the sides and ends, a second frame member, said side and end wires being turned outwardly over said second frame member, and an outer frame member to which the terminals of said wires are secured.

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