F. SONNEMANN.

DISH DRAINER.

APPLICATION FILED FEB. 9, 1912.

1,037,073.

Patented Aug. 27, 1912.

Fig. 1

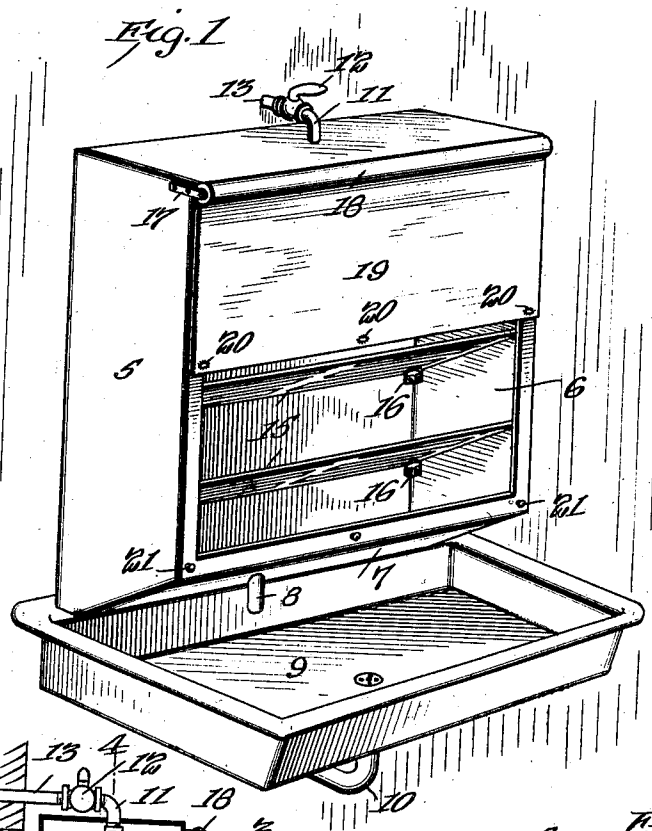


Fig. 2.

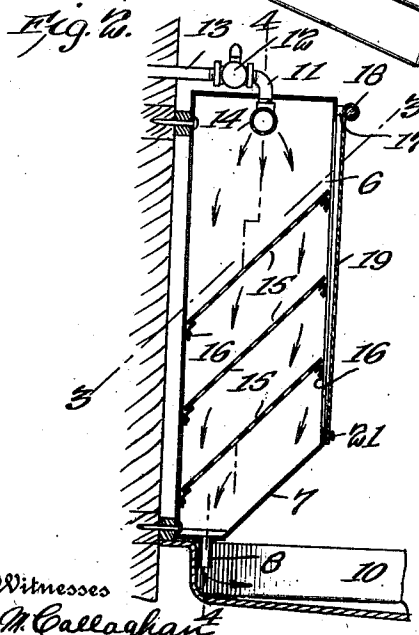
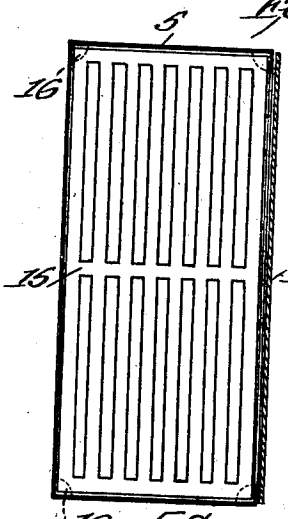


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK SONNEMANN, OF CHEVY CHASE, MARYLAND.

DISH-DRAINER.

1,037,073. Specification of Letters Patent. Patented Aug. 27, 1912.

Application filed February 9, 1912. Serial No. 676,495.

To all whom it may concern:

Be it known that I, FREDERICK SONNEMANN, a citizen of the United States, residing at Chevy Chase, in the county of Montgomery and State of Maryland, have invented certain new and useful Improvements in Dish-Drainers, of which the following is a specification, reference being had therein to the accompanying drawing.

The invention relates to a steaming cabinet and more particularly to the class of dish drainers.

The primary object of the invention is the provision of a device of this character in which table articles, such as dishes, silverware, cutlery, and the like may be thoroughly steamed and drained in a single operation, without requiring the manual handling thereof for this purpose.

Another object of the invention is the provision of a device of this character in which the different articles to be cleansed can be placed in different compartments, so as to avoid damage thereto when being steamed and drained and also to permit the ready and convenient handling thereof on removal from the device.

A further object of the invention is the provision of a device of this character, which is in the form of a cabinet having foraminous racks or shelves to support articles of tableware for the quick and convenient steaming and draining thereof, the cabinet being designed to be placed above a sink so that hot water from a faucet or other water supply can be admitted thereto and flow upon the articles for the cleaning thereof and subsequently flow from said cabinet into the sink.

A still further object of the invention is the provision of a device of this character which is simple in construction, readily and easily cleaned, thus rendering it sanitary, thoroughly reliable and efficient in operation and inexpensive in manufacture.

With these and other objects in view the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the drawings:—Figure 1, is a perspective view of a sink and water inlet faucet showing the device constructed in accordance with the invention mounted in position therebetween. Fig. 2, is a vertical transverse sectional view through the device and the adjacent parts. Fig. 3, is a sectional view on the line 3—3 of Fig. 2.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings by numerals, the device comprises a box-like body 5, preferably constructed from metal of sheet form, although it may be made from any other suitable material impermeable to water, steam or other like fluid, and is formed with an opening 6, in the front wall thereof, so as to permit access to be had to the interior thereof. It is of course understood that the body 5 may be of any size and shape to suit the fancy of the user.

The body 5, is formed at the lower end thereof with a substantially hopper shaped bottom 7, with its front portion rearwardly inclined, so that water admitted to the said body will flow rapidly to a common point centrally of its bottom and discharge through a drain nozzle or spout 8, depending therefrom, the body being suitably mounted above a water sink 9, of the ordinary well known construction, so that the water discharged from the body 5, will be delivered thereinto. Communicating with the sink 9, is the usual drain pipe 10, to carry off the water and sediment therein, in the ordinary manner.

Passed centrally through the top of the body is the discharge mouth 11, of a hot water faucet 12, of the usual type, which is connected to a supply pipe 13, leading from any suitable water supply or main and within the body is a perforated T-shaped spray head 14, which is centrally connected to the mouth of said faucet 12, for admitting a quantity of hot water and steam to the interior of the said body for the steaming and washing of articles placed therein.

Removably held within the body 5, is a stack of spaced rearwardly inclined foraminous racks or shelves 15, the same resting upon brackets 16, fixed in any desirable or approved manner at the corners interiorly of the said body, and are adapted to support kitchen or table articles, such as dishes, silverware, cutlery, pans or other articles, to be steamed and washed for the cleaning thereof. The articles are introduced into the body 5 through the opening 6, in its front wall and likewise removed therefrom in this manner.

Fixed to the side walls of the body 5, at the top thereof and projecting beyond the front wall are ordinary curtain shade brackets 17, in which is rotatably journaled a curtain or shade roller 18, having connected thereto one end of a waterproof curtain or shade 19, adapted to be unwound from the roller for the closing of the opening 6, or wound upon said roller for the uncovering of the opening, the curtain or shade being provided with button-holes 20 near its free end for engagement with buttons 21, fixed in the front wall of the body 5, so that when the curtain or shade is unwound it may be fastened in extended position.

It will be apparent that when articles are placed on the shelves and on the bottom of the body 5, the faucet can be turned on for admitting hot water and steam to the interior of the body, so that the water will flow onto the articles for the cleaning thereof, thereby avoiding the manual handling of the articles.

It will be noted that by reason of the disposition of the shelves at a rearward inclination the water falling upon the articles supported by said shelves will be caused to gravitate toward the back of the cabinet thus preventing the splashing of the water in the direction of the open front thereof or the flow of the water therethrough. Furthermore when the water trickles onto the inclined lower front portion of the cabinet there will be no possibility of the same flowing over the open front of said cabinet or the forward splashing of the said water. The rearwardly inclined shelves when supporting articles will obviate the possibility of the falling forwardly of the articles from the shelves when subjected to water and thereby the dropping of the articles through the open front of the cabinet is obviated.

What I claim is:

A device of the class described comprising a casing having an open front, a hopper shaped bottom, and a rearwardly inclined lower front portion merging into said bottom a plurality of foraminous shelves located within said casing, corner brackets fixed interiorly of the casing and supporting the said shelves in spaced parallel relation to each other and at a rearward inclination corresponding to the inclination of the lower front portion of the casing, and a water spray head located interiorly of the casing at the top thereof and spaced rearwardly from the open front of the same.

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

FREDERICK SONNEMANN.

Witnesses:

GEORGE H. SNYDER,

N. CURTIS LAMMOND.