May 1, 1923.

1,453,437

W. E. BURNHAM

RINSING HOLDER FOR DISHES

Filed April 12, 1921

Fig. 1.

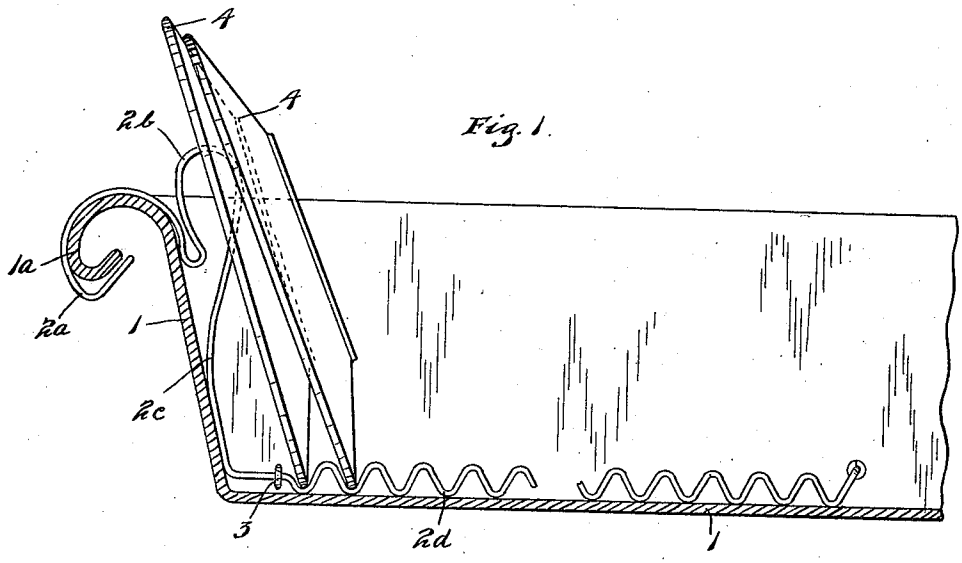


Fig. 2.

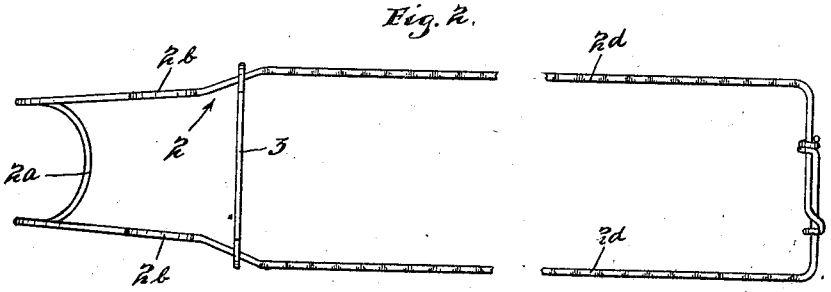
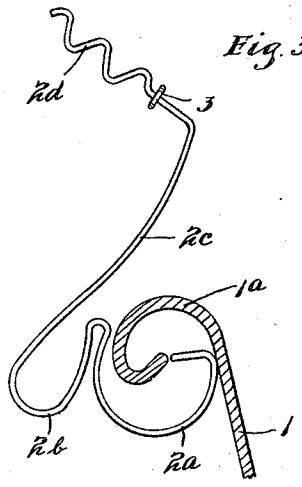


Fig. 3.



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Patented May 1, 1923. 1,453,437

UNITED STATES PATENT OFFICE.

WILLIAM E. BURNHAM, OF MINNEAPOLIS, MINNESOTA; JULIA E. BURNHAM SPECIAL ADMINISTRATRIX OF SAID WILLIAM E. BURNHAM, DECEASED.

RINSING HOLDER FOR DISHES.

Application filed April 12, 1921. Serial No. 460,709.

To all whom it may concern:

Be it known that I, WILLIAM E. BURNHAM, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Rinsing Holders for Dishes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a device for supporting dishes in a receptacle or sink, and particularly for so supporting the dishes for draining purposes after the same have been washed.

As is well known to those washing and handling dishes, the same are often broken by being indiscriminately or loosely piled up in the sink or other receptacle after being washed. The piles of dishes frequently slide or tumble over and this often results in the dishes being broken and marred.

It is an object of this invention, therefore, to provide a device which can be readily applied to a sink or other receptacle and which will form a positive and efficient support for the dishes and prevent the same from falling or moving relatively to each other, and hence, eliminating the chance of breakage or damage to the same.

It is a further object of the invention to make the device of extremely simple construction so that the same can be easily and inexpensively made.

Still other objects and advantages of the invention will become apparent from the following description made in connection with the accompanying drawings in which like reference characters refer to the same parts throughout the different views, and in which—

Fig. 1 is a sectional view of a receptacle showing the device in use therein;

Fig. 2 is a plan view of the device; and

Fig. 3 is a partial view in elevation of the same, also showing part of the receptacle.

Referring to the drawings, the receptacle 1 is shown which may be the ordinary sink customarily located under the water faucets or the same may represent a dish pan or other vessel in which it is desired to place the dishes. The receptacle is shown as having an outwardly curved flange rim portion 1^a which is the customary construction of the modern enameled sink. The dish holding device comprises a member 2 having a curved hook portion 2^a at one end and a loop portion 2^b adjacent said hook portion, a downwardly extending portion 2^c adjoining the loop portion and a bent or zigzag horizontally extended portion 2^d. In the embodiment of the device illustrated, the same is formed from one piece of wire or rod-like material, which piece is bent to form a bight substantially midway of its length. A short distance from the end of the bight the two portions thereof are formed in a curve constituting substantially a semi-circle, which curve is so formed as to be conveniently received over the edge or flange 1^a of the receptacle. The two portions of the rod then diverge slightly and are bent into the loop 2^b. After being formed into this loop, the portions again diverge and are connected by a rod 3 having its ends looped around the two diverging portions of the device. The two portions of the device then extend in substantial parallelism and are formed with a succession of adjacent waves or triangular bends. The free ends of the device are then twisted, one around the other, as shown in Fig. 2, securely holding the said ends together. While the device has been shown and described as made of one piece, it will, of course, be understood that the same can be made of a plurality of pieces if so desired. The ends of the device can also be soldered or otherwise connected together to prevent spreading of the parts 2^d.

In use, the device can be readily applied to the receptacle, as shown in Fig. 1 and the bent or zigzag portions 2^d are in alinement with each other and form supporting means for the edges of the plates 4 shown in Fig. 1. The first plate in the row of plates which may be supported upon the device rests upon the portion 2^b. This loop portion 2^b of the device has considerable resiliency and the plate is thus yieldingly, though quite firmly supported in position. The plates will bear upon each other at their uppor portions successively as they are placed in the device. The device will, as stated, be readily applied to the sink or receptacle and if desired, it may be supported with the portion 2^d inclined away

from the edge of the receptacle by hooking the bent end of the same over the edge of the flange 1^a somewhat as shown in Fig. 3.

From the above description it is seen that applicant has provided an extremely simple and efficient device for positively and firmly supporting the dishes and one which will insure very little breakage in handling of the dishes. The device can be quite inexpensively made and will be of great durability. The same can be made of any desired material and may be suitably plated or finished to prevent corrosion.

It will, of course be understood that various changes may be made in the form, details and proportions of the device without departing from the scope of applicant's invention, which, generally stated, consists in the matter shown and described and set forth in the appended claims.

What is claimed is:

1. A dish holding device adapted to be placed in a receptacle to support the dishes in spaced relation to the bottom thereof, comprising a portion constructed and arranged to engage over the side of the receptacle to hold the device in position, an adjacent loop portion disposed in a plane normal to the side of said receptacle arranged to form a support for a row of dishes and a horizontal portion extending in contact with the bottom of the receptacle and formed with spaced means for supporting the dishes in said row.

2. A dish holding device adapted to be placed in a receptacle to support the dishes in spaced relation to the bottom thereof, comprising spaced rod-like members bent into curved hook form to engage over the edge of the receptacle, said members being formed adjacent said hook portion with a looped resilient portion and extending downwardly therefrom and being then bent to extend horizontally at substantially right angles, the horizontal portion being formed with a succession of bends, the bends in the two members being in alinement to form with the loop portion a firm but resilient support for a row of dishes supported therein.

3. A drying rack for dishes comprising a member formed of wire or rod-like material comprising substantially parallel strands each having one end portion adapted to engage over the side of a receptacle, a resilient loop adjacent each end portion adapted to be disposed in said receptacle and forming a support for the first dish of a row of dishes, a portion of each of said strands extending downwardly along the side of the receptacle and along the bottom of the receptacle, said latter portions being formed with a series of plate separating and supporting means.

4. A dish holding device formed from a single piece of rod-like material bent into a bight at substantially its middle point, the said bight being formed closely adjacent its end with a substantially semi-circular bend adapted to extend over the edge of a receptacle, the two portions of the member then being reversely bent into a curved loop and then being again bent at the same distance from the lower edge of the loop at substantially a right angle and both portions thereof formed with a succession of wave-like bends, the free ends of the device then being joined together.

In testimony whereof I affix my signature.

WILLIAM E. BURNHAM.