H. ZOIA.

SERVICE HOLDER FOR CARRYING DISHES.

APPLICATION FILED JULY 2, 1919.

1,330,568.

Patented Feb. 10, 1920.

2 SHEETS—SHEET 1.

Fig. 1.

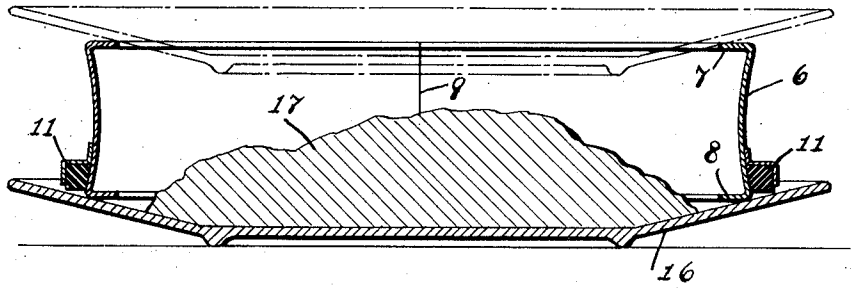


Fig. 2.

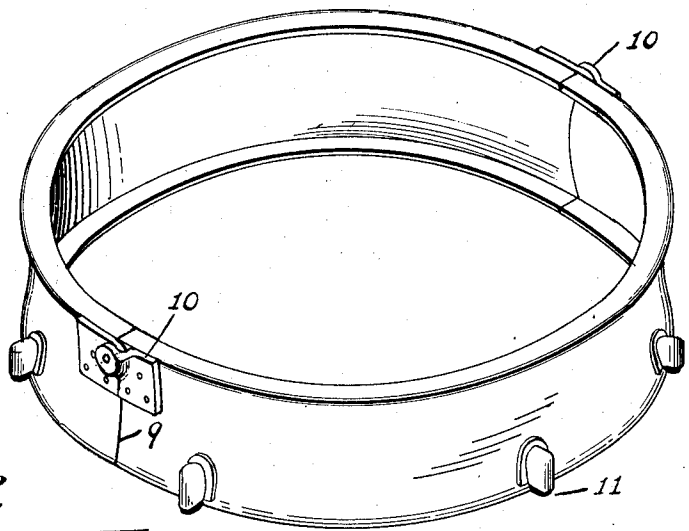
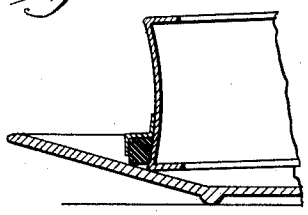


Fig. 3.



Inventor,
H. Zoia
By John A. Bommhardt.
Atty.

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Fig. 4.

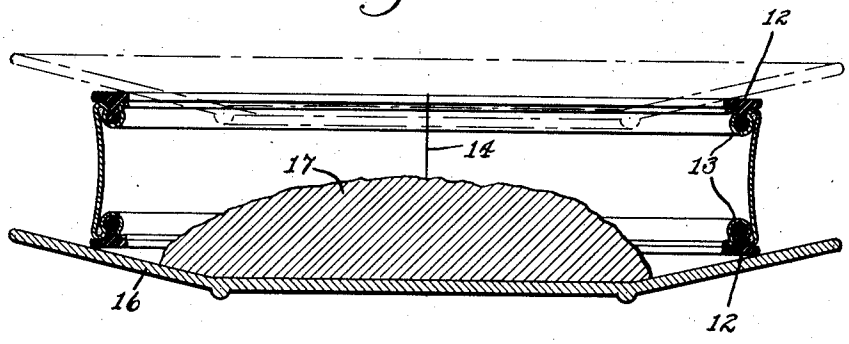
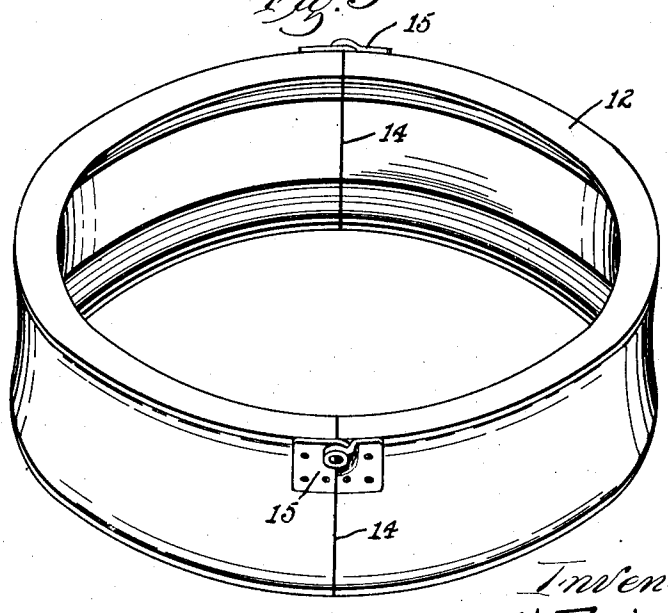


Fig. 5



Inventor,
H. Zoia
By John A. Bommhardt
Atty.

UNITED STATES PATENT OFFICE.

HECTOR ZOIA, OF CLEVELAND, OHIO.

SERVICE-HOLDER FOR CARRYING DISHES.

1,330,568. Specification of Letters Patent. Patented Feb. 10, 1920.

Application filed July 2, 1919. Serial No. 308,126.

To all whom it may concern:

Be it known that I, HECTOR ZOIA, a subject of the Government of Italy, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Service-Holders for Carrying Dishes, of which the following is a specification.

This invention relates to a device used for carrying dishes containing food, particularly adapted for use in hotels, restaurants, country clubs and the like, where waiters are burdened with numerous orders to be carried to the same or adjoining tables. An important advantage in the use of the device is the fact that after being placed over the food with a second plate upon the top thereof the heat of the food is retained, consequently keeping the same at an even temperature from the time when it is placed upon the dish until it is served.

Further advantages of the device are, cheapness of manufacture, attractiveness of appearance and the provision of means embodied therein allowing the device to be folded in a compact manner for storing purposes.

A still further object of the invention is in the provision of means which prevent the device from tilting at an angle upon the plate. This will be found advantageous when it is desired to carry numerous plates in tiers, for if the bottom holder were to be placed at a slight angle the topmost dish would not remain in place. Other and more limited objects of the invention will become apparent in the following description and claims.

Referring particularly to the drawings in which like reference numerals designate similar parts throughout the various views, Figure 1 is a central vertical section through the device in position, a plate forming a second tier being shown in dot and dash lines upon the top of the device to point out clearly the position it assumes when in use, it being understood that a plurality of tiers may be carried at the same time; Fig. 2 is a perspective view of the device; Fig. 3 is a sectional detail with the holder at an angle to indicate thereby the use of the rubber cushions; Fig. 4 is a central sectional view similar to Fig. 1 of a modified form of device and Fig. 5 is a perspective thereof.

The device comprises an annular shell 6 with its vertical walls slightly concaved to provide greater strength and which may be of any desired height according to the use it is desired to be put. The upper and lower edges are turned inwardly at substantially right angles to the shell as shown at 7 and 8 to form a greater and firmer bearing surface for the plate and to provide rigidity for the shell. The shell is transversely split at 9 and provided with hinges 10 which may be riveted or otherwise secured to the device allowing it to be folded more compactly and also permitting nesting one within the other when storing.

It is obvious that when the device is made of metal any greasy substance upon the surface of the plate will cause it to slide, thereby preventing the piling of one upon the other, and to prevent this I provide rubber bumpers 11, eight of such being shown, although it is obvious that any desired number may be employed. These are secured to the shell proper by means of metal sockets soldered to the device and are placed slightly above the bottom of the shell for the purpose of preventing them from touching the plate when the plate is at a perfectly vertical position and to prevent them from accumulating any grease which would decrease their efficiency, but should the device be placed in any other position than the vertical some of the bumpers would engage the plate and prevent the device from slipping thereupon, as particularly shown in Fig. 3.

In Figs. 4 and 5 I have shown a modified form substantially of the same construction as hereinbefore described but provided with annular rubber cushions 12—12 provided with a bead which is secured within a similar shaped bead 13—13 formed upon the upper and lower inturned edges of the shell. This form is also transversely split at 14 and provided with hinges 15 to allow for folding, although in a cheaper construction these may be omitted.

In use the device is placed upon a plate 16 over and around the food, indicated conveniently at 17, a second plate is then placed upon the device, if food is upon the second plate a second device may be placed thereabout and a third plate placed upon its top may form a cover therefor, and this piling up of tiers of plates may continue until such time as the waiter can carry no more, providing a means whereby the waiter may carry the same conveniently.

It is evident that the device may be made of a cheap inferior grade of metal, embossed and plated, or that it may be made of papier mâché, providing thereby a very attractive and useful device and while I have shown this particular type of device in the illustration it is evident that various other forms may suggest themselves and I do not wish to limit myself further than is required by the state of the art or that which is within the scope of the appended claims.

I claim:

1. A dish holder comprising an open annular shell adapted to rest upon a lower plate and to support another upper plate or other dish, said shell being of sufficient height to inclose food upon the lower plate and support the upper plate out of contact therewith, said shell being formed in sections hinged together adjacent one of its circular edges, to fold the sections to parallelism.

2. A dish holder comprising an annular shell adapted to rest upon a lower plate and to support another upper plate or other dish, said shell being of sufficient height to inclose food upon the lower plate and support the upper plate out of contact therewith, said shell being provided with rubber rings at the edges thereof, to engage the plates and prevent slipping.

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

HECTOR ZOIA.

Witnesses:
JOHN A. BOMMHARDT,
ROBERT L. BRUCK.