

J. H. Chappel,

Culinary Vessel.

No. 111,317.

Patented Jan. 31, 1871.

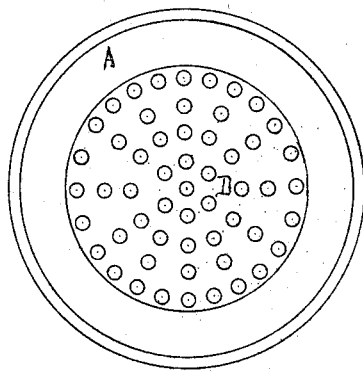


FIG. 1.

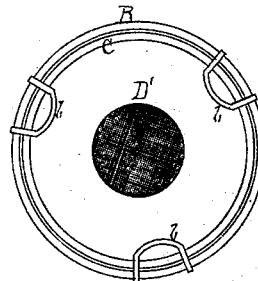


FIG. 3.

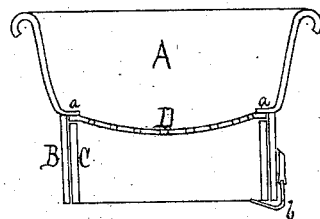


FIG. 2.

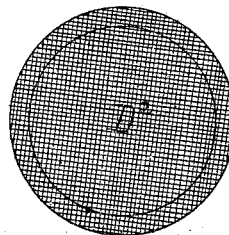


FIG. 4.

WITNESSES.

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per J. E. P. Holmady
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JOHN H. CHAPPEL, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF, ROBERT SEAMAN,
OF SAME PLACE, AND HENRY W. SHEPARD, OF MANNSVILLE, NEW YORK.

Letters Patent No. 111,317, dated January 31, 1871.

IMPROVEMENT IN CULINARY VESSELS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOHN H. CHAPPEL, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Culinary Vessels; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon making part of this specification, in which—

Figure 1 is a top view of the vessel with the colander-disk plate secured.

Figure 2 is a vertical sectional view of the vessel with the colander-disk plate secured.

Figure 3 is a bottom view of the vessel with the strainer-plate or disk attached.

Figure 4 is the disk-plate for the sifter, detached.

The object of my invention is to furnish a vessel for kitchen and other household purposes, so constructed that, simply by removing one of a series of bottoms and inserting another, the entire character of the vessel is changed, thus enabling the one using the vessel, at pleasure, and with the least possible delay and trouble, to change the colander into a milk-strainer, sieve, waste-pan, dish, wash-basin, or any other vessel of like character.

To accomplish this, and in this my invention consists, I construct the vessel with an open bottom, simply leaving a slight shoulder or flange at the base of the bowl.

On the lower face of this shoulder I place one of the series of disks or circular plates that is designed to accompany each bowl.

This plate I secure and retain in position by means of an independent hoop or ring, which is of little less diameter than, and is inserted in the hoop that forms, the flanged seat for the bowl. This hoop is locked in position by means of hooks or other equivalent device.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

A is the bowl of the vessel, and

B, the hoop-rim that forms its seat.

These are of the usual form, and may be made of any suitable metal.

The entire bottom of the bowl A, with the exception of the shoulder or flange *a*, is open.

This shoulder or flange *a* is formed at the point of union between the bowl and hoop B, and at which the bottoms of such vessels are invariably attached.

C is an independent hoop or ring, and is of such diameter as to allow of its insertion in the hoop B.

This hoop or ring C, when in position, supports the disk or circular plate that forms the bottom, it being securely held between the upper face of the same and the shoulder *a*.

b b are three or more spring-hooks or elbow-shaped catches, and are attached to the stationary hoop B in such manner as to allow of their being thrown down under the hoops B C, so as to secure the latter in position.

D is a colander-bottom, D¹, a milk-strainer, and D², a sieve, and are three of the series of bottoms that is to accompany each bowl. These bottoms are each to be independent, and made of the same form as are the stationary ones now in use.

Thus it will be observed that one vessel will perform the duties that now require ten or a dozen, and this, too, at a trifling additional cost, simply the price of the bottoms.

Besides this great advantage, enabling, as it does, almost every one readily to procure a complete set of kitchen utensils of this character, and which are now very expensive, as each is an independent vessel, they are also most convenient, saving, as they do, room in the closet or pantry, a dozen only occupying the space now required for one utensil.

When the vessel is to be used as a close pan or basin, a rubber washer may be inserted between the shoulder *a* and the bottom plate, to form a tight joint.

To effect a change in the vessel, you have simply to throw back the hooks or catches *b b*, and withdraw the hoop C, when the bottom D will fall out. Then insert any of the other of the series of bottoms, and secure it by the hoop and catches.

Thus it will be observed that such change is effected in the vessel that, in an instant, a pan can be turned into a colander, strainer, sieve, or other utensil required.

Having thus fully described my invention,

What I claim therein as new, and desire to secure by Letters Patent of the United States, is—

The bowl A, having a hoop, B, and shoulder *a*, constructed as stated, independent hoop C, and hooks *b b*, when the same are so combined and arranged as to secure either of the series of bottoms, substantially as described, as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. H. CHAPPEL.

Witnesses :

ED. P. GODDARD,
JOHN B. BAKER.