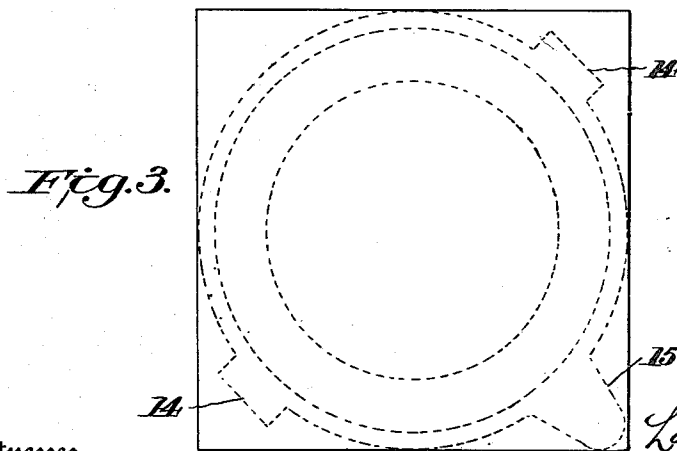
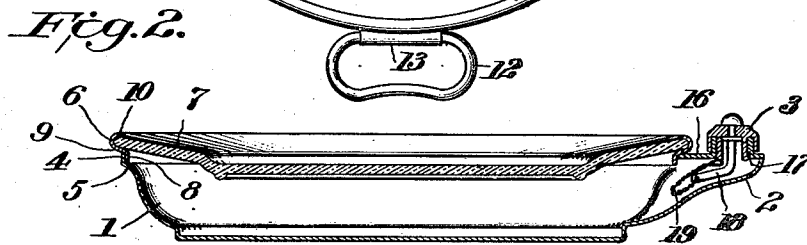
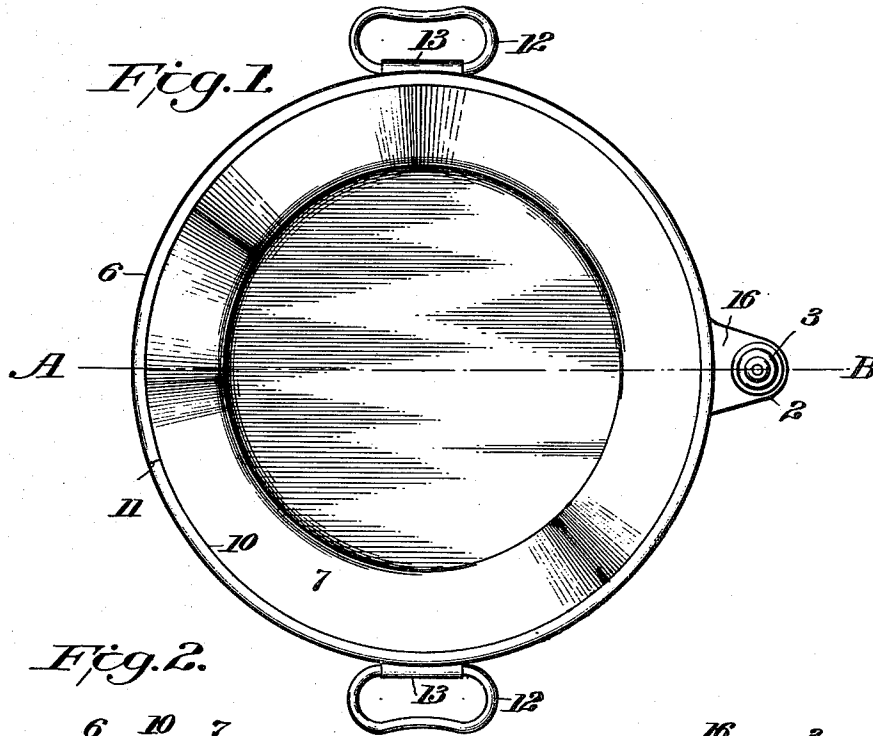


L. WOJIDKOW.
HOT WATER PLATE.
APPLICATION FILED MAY 31, 1912.

1,045,101.

Patented Nov. 19, 1912.



Witnesses
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UNITED STATES PATENT OFFICE.

LOUIS WOJDKOW, OF BROOKLYN, NEW YORK, ASSIGNOR TO NEW YORK STAMPING COMPANY, OF BROOKLYN, NEW YORK, A CORPORATION OF NEW YORK.

HOT-WATER PLATE.

1,045,101.

Specification of Letters Patent.

Patented Nov. 19, 1912.

Application filed May 31, 1912. Serial No. 700,869.

To all whom it may concern:

Be it known that I, LOUIS WOJDKOW, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Hot-Water Plates, of which the following is a full, clear, and exact description.

This invention relates to that class of plates for foods, wherein the food-receiving plate, of ceramic or other ware, is arranged in a metallic receptacle, which is capable of containing hot water, so as to keep the food hot until it is eaten. Some difficulty has been experienced in replacing broken ceramic plates in this class of goods, and it is the object of this invention to provide for the ready replacing of such broken plates.

Heretofore it has been common to attach the spouts and handles to hot water plates by some fusible or extraneous agent, and unless great care is exercised in using such plates and keeping them practically filled with water, the spouts or handles, or both, are apt to be melted off or loosened.

Another object of the invention is to provide the spout and the handle-securing ears in one integral piece with the body of the plate, and thereby avoid injury to these parts by carelessness in having an insufficient supply of water in the plate when the vessel is exposed to heat.

The invention consists of a metallic water-holding vessel, the body of which is made with an offset peripheral flange at its upper end, and a ceramic plate is fitted water-tight in said flange by means of a holding flange in which the ceramic plate is rigidly fixed, and which holding flange is rigidly fixed to the body, but in such manner as to be detachable from both for the renewal of the ceramic plate; and this body is made in one integral piece with a filling and pouring spout for introducing water into the vessel and emptying the vessel, and with ears which form means for securing the handles to the plate, all as I will proceed now more particularly to explain and finally claim.

In the accompanying drawings illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a plan view, and Fig. 2 is a transverse section taken in the plane of line A B, Fig. 1. Fig. 3 is a plan view of the

blank from which the metal body is conveniently formed.

The metal body 1 may be of any desired shape and depth, and with any suitable filling and emptying spout 2, having any suitable closure 3.

In accordance with this invention, it is essential that the metal body 1 should have at its upper end an upright offset peripheral flange 4, having at its base a substantial shoulder 5, to receive the holding flange 6, which in turn receives and holds the ceramic plate 7. Of course, the plate 7 may be of any material, but as already indicated, the object of the invention is to provide means for renewing breakable plates 7. As shown more particularly in Fig. 2, the flange 6 has an upright portion 8, whose outer diameter is such that it may readily be inserted within the upright flanged portion 4 of the body portion and be soldered therein. The flange is also made with a substantially horizontal ledge 9 to support the plate 7, and then the outer edge 10 of this flange is closed down over the outer edge of the plate in order to hold the plate firmly in place.

Should the plate be broken or need renewing for any purpose, the flange 6 may be detached from the body portion 1 by fusing the solder, opened sufficiently to release the plate, and then a new plate put in and the flange closed down over it and then the whole placed back in the body portion and the flanges 4 and 8 again united by solder. In some instances it may be necessary merely to slit the closed down portion 10, as at 11, and then open it sufficiently to remove the plate and replace it by another, and then the flange closed down again over the fresh plate. This slit 11 may be preformed and closed by solder or otherwise, or it may be made at any time. The feature of this portion of the invention is that when a plate is broken, it is not necessary to send the whole thing back to the factory, but any ordinarily skillful person may remove and replace the plate as desired.

Hot water plates of the type herein referred to are ordinarily provided with handles 12, at opposite sides of the body portion, and these handles have been secured in a variety of ways. As a matter of economy, as well as of security, I make the handle-securing portions 13 integral with the body portion. As a further matter of economy

and security, the filling and pouring spout 2 may also be integral with the body portion, and in order to economically form the body portion with these integral portions, I take 5 a rectangular blank, such as shown in Fig. 3, and stamp out the body portion so as to leave the opposite ears 14 which are subsequently bent to form the handle-securing portions 13, and so as to leave the portion 10 15 which is subsequently bent to form the filling and pouring spout. The cover portion 16 and the closure-receiving collar 17 may be applied to the spout in any suitable way.

15 By making the filling and pouring spout and the handle-securing ears in one integral piece with the body of the vessel, there is removed the danger of the melting off or separation or detachment of these parts 20 when the vessel is carelessly exposed to heat or flame without a sufficient quantity of water in it.

I have herein shown the closure 3 provided with a laterally extended finger or sweep 18, and a chain 19 connected at opposite ends, respectively, with the finger or sweep and the metal body or spout, but these form the subject of another application for patent filed May 31, 1912, Serial No. 700,868.

30 Variations in the design and arrangement of the parts are deemed to be within the principle and scope of the invention as herein explained and claimed.

What I claim is:—

35 1. A hot water plate, having a metal body portion provided with an upstanding offset

peripheral and shouldered flange, a food plate, and a food-plate holding flange having a portion fitted to and rigidly secured in a water-tight manner within the upstanding flange and also secured in a water-tight 40 and rigid manner to the food plate and detachable from both for renewal of the food plate.

2. A hot water plate, having a metal body 45 portion provided with an upstanding offset peripheral and shouldered flange at its top, a food plate, and a plate-holding flange having a portion adapted to be fitted rigidly in and detachably secured to the upstanding 50 flange in a water-tight manner and another portion closed down upon the food plate and capable of separation from said plate and replacement upon another inserted therein.

3. A hot water plate, having a metal body 55 portion formed in one piece with an upstanding offset peripheral and shouldered flange, a spout member for filling and emptying the plate, and ears to receive handles for lifting the plate, a food plate and a 60 food plate holding-flange having a portion fitted to and rigidly secured in a water-tight manner within the upstanding flange and also secured in a water-tight and rigid manner to the food plate and detachable from 65 both for renewal of the food plate.

In testimony whereof I have hereunto set my hand this 29th day of May A. D. 1912.

LOUIS WOJIDKOW.

Witnesses:

W. H. FINCKEL, Jr.,
LILLIE M. PERRY.