P. WALL.

CAN OR RECEPTACLE.

APPLICATION FILED APR. 24, 1912.

1,157,269. Patented Oct. 19, 1915.

Fig. 1.

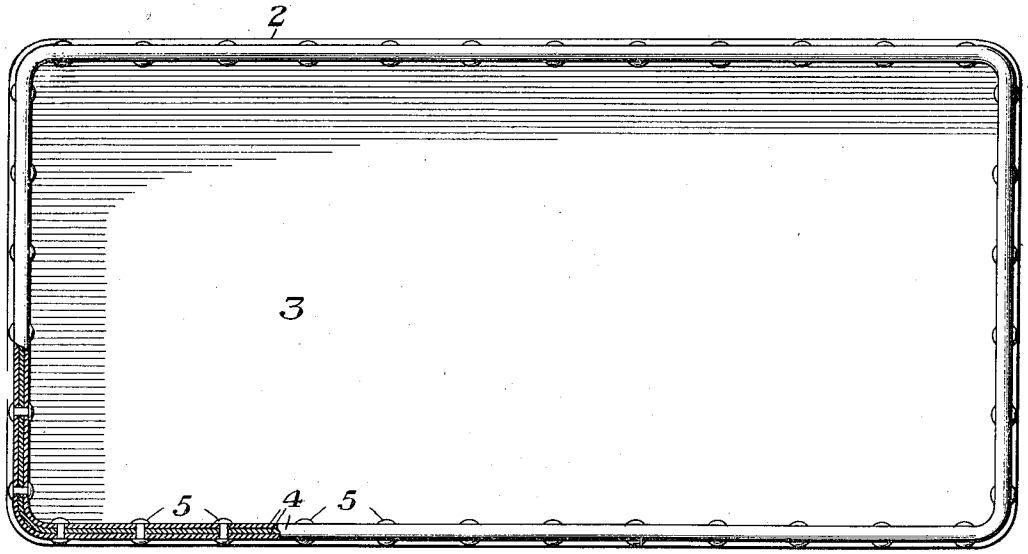
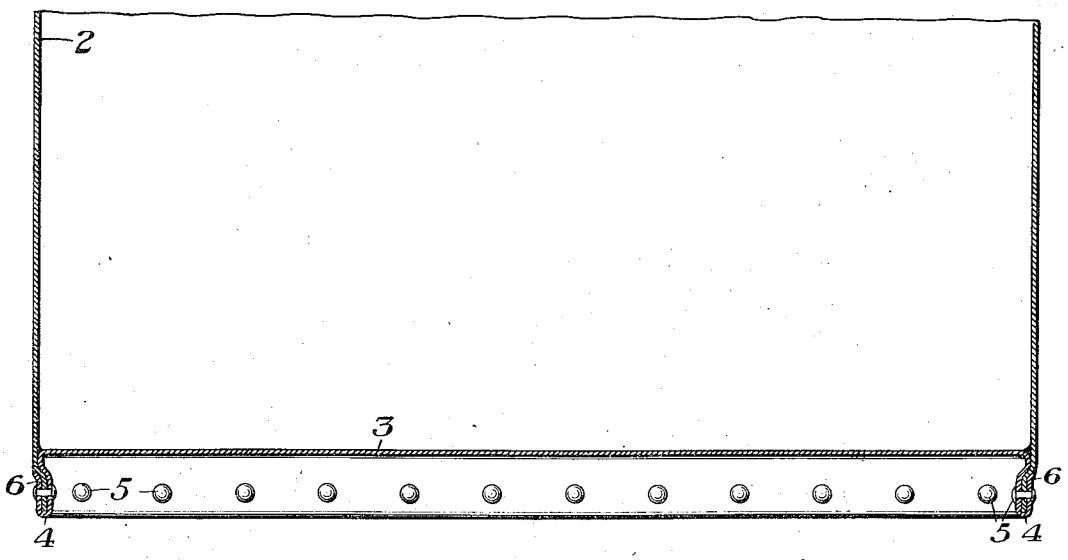


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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CAN OR RECEPTACLE.

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To all whom it may concern:

Be it known that I, PATRICK WALL, a resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Cans or Receptacles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a bottom plan view partly broken away of a can or receptacle embodying my invention; and Fig. 2 is a longitudinal vertical section of a portion of the same.

My invention has relation to cans or receptacles and more particularly to cans or receptacles capable of being used as ice molds in the manufacture of artificial ice, although adapted to other purposes.

The object of my invention is to provide a can or receptacle which will be strong and durable and which can be constructed at comparatively low cost; also to provide a can or receptacle of this character which will have a flush outer surface, so that in being lifted into and out of the freezing tanks, it will present no obstructions for abrasive contact with the tank.

In the accompanying drawings, in which I have illustrated the preferred form of my invention and which will now be described, the numeral 2 designates the body of the can which is of sheet metal and is of rectangular form.

3 is the bottom of the can which is formed from a single plate of sheet metal having its edges bent continuously downwardly and thence upwardly, to form a U-shaped flange 4, which extends continuously around the entire bottom without any breaks at the corners thereof. This U-shaped flange 4 is constructed to receive the lower edge portion of the body 2 in the manner clearly shown in Fig. 2, and the parts are secured together by a plurality of rivets 5. Either during the seating of these rivets or in the formation of the parts, the lower portion of the body of the can is offset inwardly, as shown at 6, and the flange of the bottom is correspondingly offset inwardly, so that when the parts are assembled, the outer face or outer leg of the U-shaped flange will lie substantially flush with the outer faces of the side and end walls of the body of the can.

After the parts have been riveted, the lower portion of the can is preferably immersed in a bath of solder or similar material, so as to coat both the interior and exterior surfaces of the bottom joint with such material. Owing to the fact that the U-shaped flange 4 is continuous without any breaks at the corners or elsewhere, all the solder or similar material which flows into such flange will be retained and will set therein.

The construction above described forms a very strong and durable bottom construction for a can of this character and one which can be cheaply, simply and readily made. The initial offsetting of the parts in the manner described not only makes a flush outer surface which, when coated with solder or other similar material will be entirely free from projections or obstructions, but this offsetting also provides a seat at the offset for the bottom of the can.

I claim:

A rectangular can or receptacle having a sheet metal body and a sheet metal bottom, the bottom and body having rounded unbeaded corner portions, and the bottom, which is inset with respect to the lower edge of the body, having a depending flange which is continuous entirely around the can, said flange being bent upwardly and outwardly to form a pocket in which the lower edge portion of the body seats, the latter together with the inner portion of the said flange being offset inwardly, and rivets uniting the parts, said rivets being below the said offset, and their headed outer ends, by reason of said offset, being within the plane of the outer surface of the portion of the body above the offset, substantially as described.

In testimony whereof, I have hereunto set my hand.

PATRICK WALL.

Witnesses:
GEO. A. YOUNG,
GEO. E. WEBB.