B. C. EGERTON.

SHEET METAL CAN.

APPLICATION FILED JULY 28, 1910.

1,000,727. Patented Aug. 15, 1911.

Fig. 1.

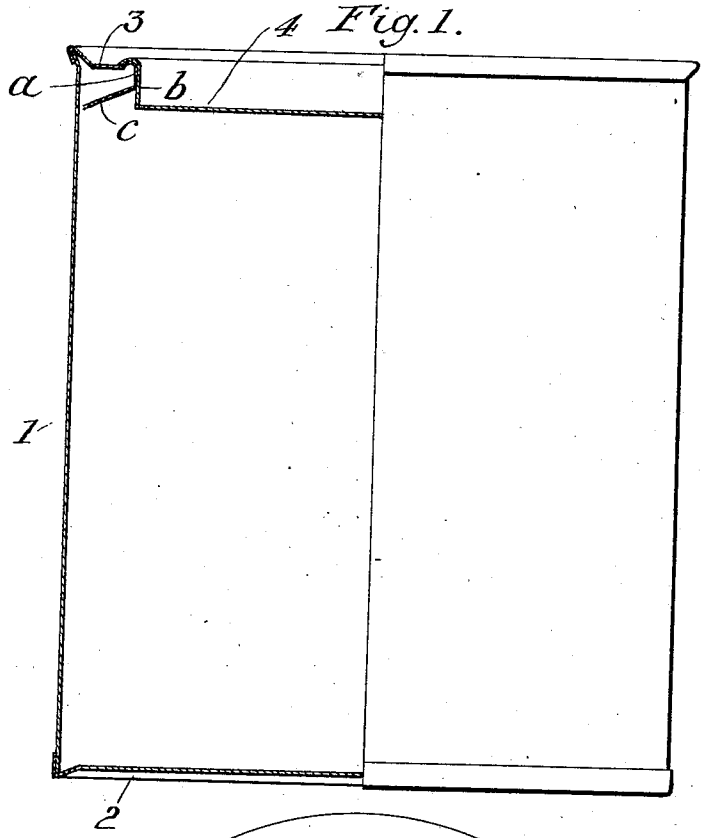
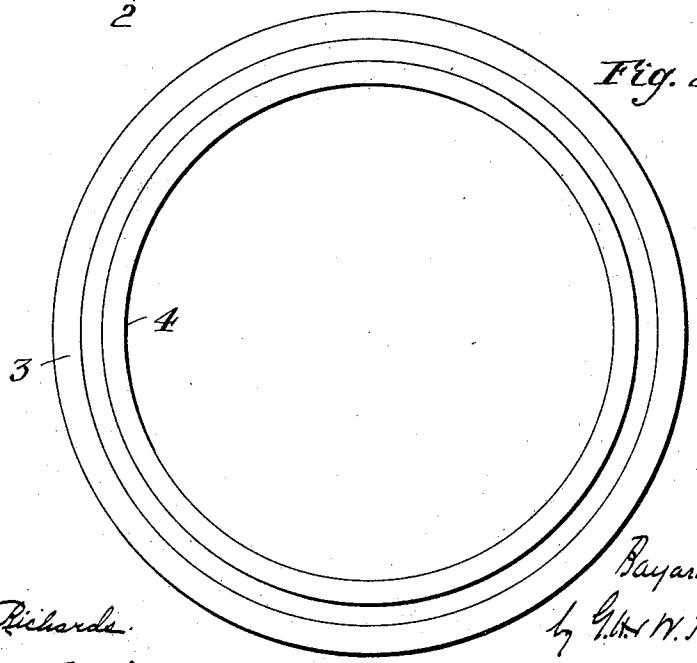


Fig. 2.



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UNITED STATES PATENT OFFICE.

BAYARD C. EGERTON, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO CHARLES FRED HUTCHINSON, OF BALTIMORE, MARYLAND.

SHEET-METAL CAN.

1,000,727. Specification of Letters Patent. Patented Aug. 15, 1911.

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To all whom it may concern:

Be it known that I, BAYARD C. EGERTON, a citizen of the United States, residing at Baltimore, Maryland, have invented certain Improvements in Sheet-Metal Cans, of which the following is a specification.

This invention relates to certain improvements in that class of sheet-metal cans in which the annular head is provided with a pendent flange forming a cylinder of a limited depth into which the cylindrical portion of the cover or lid is forced to produce a tight joint.

Cans of the above description when surrounded by ice in a bucket, are commonly used in the shipment of oysters; and it has been found that during transportation, the shaking of the cans causes the upper layer of oysters therein to be thrown into and out of the narrow annular cavity surrounding the pendent flange of the head, whereby they are partially disintegrated and their marketable value reduced. The injury to the oysters in the jolting of the cans is also caused by some of them being torn by contact with the sharp edge of the said pendent flange of the head which surrounds and is in close contact with the lid. Further, objections to the use of cans constructed as described, consist in that the pendent flange serves as an obstruction to the passage of the oysters in emptying the cans; and that such of the oysters which in passing over the sharp edge of flange come in contact with it are torn.

The object of the present invention is to reduce, as far as possible, the injury to the oysters during shipment, and while being discharged from the cans, due to the causes above enumerated; and the invention consists in extending the cylindrical flange of the head downward and at a suitable angle toward and into near contact with the cylindrical wall of the can, thereby cutting off communication between the interior of the body and the annular cavity around the pendent flange. The extension of the flange as described produces a smooth conical or funnel-shaped surface over which the oysters readily pass without injury in discharging the can.

In the further description of the said invention which follows, reference is made to the accompanying drawing, forming a part hereof and in which,—

Figure 1 is a partly sectional side view of the improved can, and Fig. 2 a top view of the same without the cover or lid.

Referring now to the drawing, 1 is the cylindrical wall of the can, and 2 the bottom.

3 is the annular head secured to the wall 1 in the usual manner, and *a* the pendent flange at the inner circular edge of the head, 4 is the cover or lid.

The can thus far described is of common construction, and embraces no novel or patentable feature, and is open to the objection before set forth.

In carrying out the present invention the flange *a* instead of ending at the point *b*, extends downward and backward at a suitable angle toward and near to the cylindrical wall 1, thus producing a smooth funnel-shaped outlet for the oysters, and one free from any obstruction.

As it is well that the flange *a* should have some expansibility other than that due to the elasticity of the metal, the extreme edge of the inclined portion *c* of the flange is formed so as not to actually touch the cylindrical wall 1, but instead to stand a slight distance from it, and the small annular space thus produced is practically closed as the lid is forced into place, and the cavity hereinbefore referred to as surrounding the flange, thereby isolated from the interior of the body.

I claim as my invention,—

In a sheet metal can, the combination with the cylindrical body thereof, of an annular head provided at its inner circumference with a cylindrical downwardly extending flange having an expansible straight flaring termination which gives to the upper end of the body a conical form, and is separated by an annular space from the body, combined with a tightly fitting cylindrical cover or lid adapted to be forced through the cylindrical portion of the head and thereby cause the edge of the flaring extension of the head to come practically in contact with the body, substantially as specified.

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