

SHEET METAL OYSTER DISPLAY AND ICING CAN OR BOX.

APPLICATION FILED AUG. 11, 1909.

Patented Aug. 27, 1912.

2 SHEETS—SHEET 1.



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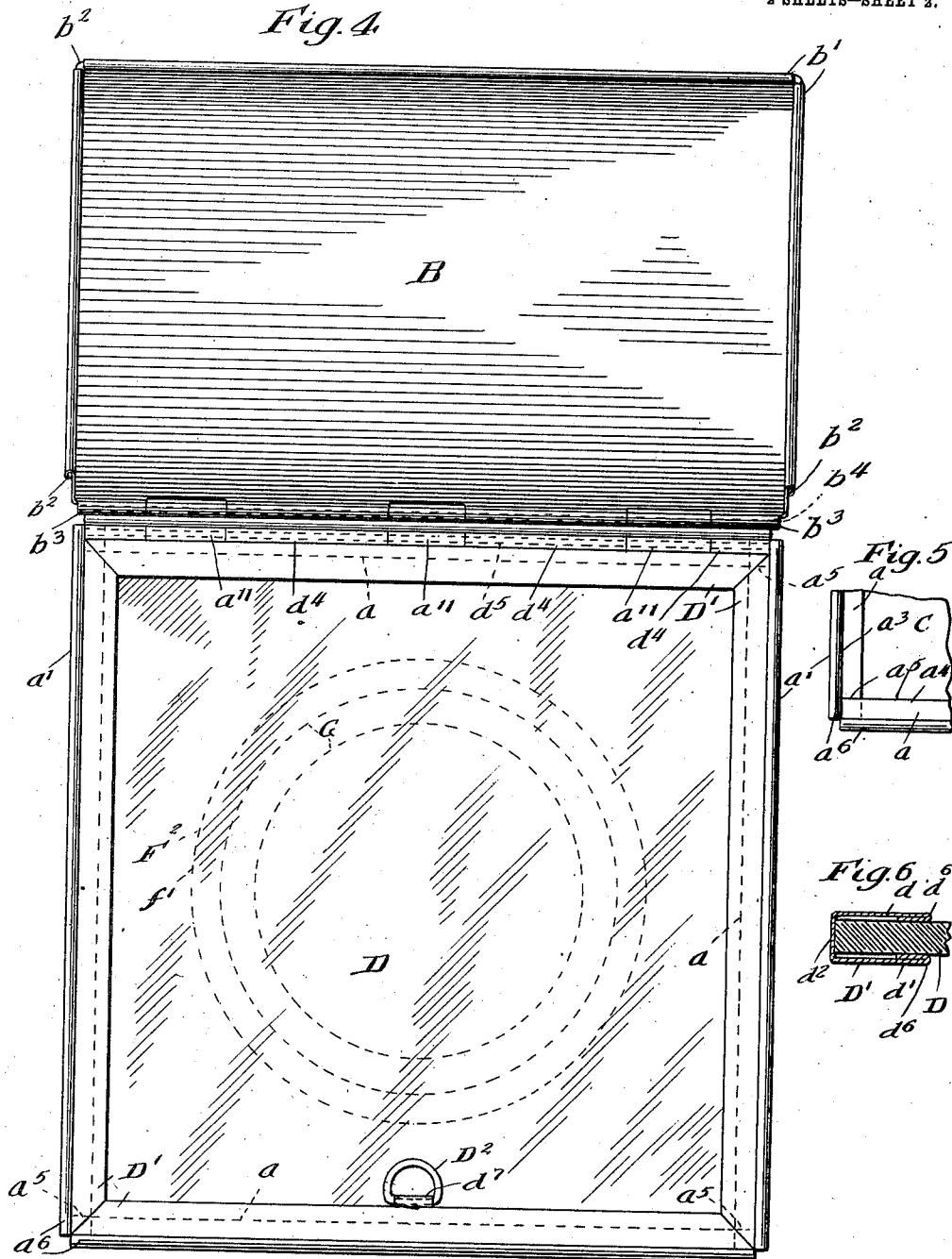
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UNITED STATES PATENT OFFICE.

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SHEET-METAL OYSTER DISPLAY AND ICING CAN OR BOX.

1,036,631.

Specification of Letters Patent.

Patented Aug. 27, 1912.

Application filed August 11, 1909. Serial No. 512,303.

To all whom it may concern:

Be it known that I, ANDREW S. JACKSON, a citizen of the United States, residing in the city of Baltimore and State of Maryland, have invented a new and useful Improvement in Sheet-Metal Oyster Display and Icing Cans or Boxes, of which the following is a specification.

My invention relates to sheet metal display cans or boxes.

The object of my invention is to provide a combined sheet metal display and icing can or box for shipment, storing, keeping and dispensing oysters, which will be of a strong, simple, efficient and durable construction, which will effectually exclude air, dust and dirt from the oysters, and prevent the ice from undue melting, from which the oysters may be easily and conveniently dipped or dispensed without undue exposure, and in which at the same time the oysters may be displayed to view without uncovering or exposing same to dust, air or other contamination.

A further object of my invention consists in providing display cans and icing boxes of novel construction whereby the inner containing vessel or casing is provided with a removable friction cover to be used principally during shipment or handling of the casing, this friction cover being provided with an annular lip or flange which supports the central portion of the transparent display cover during such shipment or handling. The height of the inner vessel or container is also so proportioned that its top edge contacts with the underside of the transparent cover, also acting as a support, the double support occasioned by the lip of the cover and the top edge of the can being desirable during shipment or handling, the single support provided by the top edge of the inner container being sufficient for ordinary purposes during display and handling of the contents incident to retail disposal.

My invention consists in the means I employ to practically accomplish this object or result as herein shown and described, and more particularly specified in the claims.

In the accompanying drawing forming a part of this specification, Figure 1 is a perspective view of a sheet metal oyster display and icing can or box embodying my invention, showing both the outer sheet metal cover and the inner combined dis-

play and sealing cover open. Fig. 2 is a vertical cross section on line 2—2 of Fig. 3. Fig. 3 is a vertical cross section on line 3—3 of Fig. 2 showing the covers closed. Fig. 4 is a detail plan showing the outer cover open and the inner cover closed. Fig. 5 is a fragmentary plan view of one of the corners and Fig. 6 is a detail sectional view of the sheet metal frame.

In the drawing, A represents the body of an oyster or ice containing rectangular sheet metal can or box, preferably of galvanized iron, B the outer hinged cover thereof, C the bottom, D the inner display and sealing cover, preferably of plate glass within a surrounding sheet metal frame D¹, F the body of the sheet metal oyster container, preferably of tin plate, having a bottom head F¹ and annular top head F² and G the friction cover closure therefor.

The body A of the outer or ice containing case or box is provided at its upper end with right angle sheet metal display and sealing cover supporting bars *a*, each preferably formed from a strip of galvanized sheet metal, and each having an external flange *a*¹ interfolded into a seam with the upper edge *a*² of the body, and each also provided with a reverse fold or flange *a*³ at the inner edge of its horizontal member *a*⁴. At the corners of the box body A the cover supporting angle bars *a* overlap each other, and are securely soldered together as indicated at *a*⁵. The downturned flange or fold *a*³ at the upper edge of the upright member *a*⁶ of the angle bar *a* gives a smooth top or mouth to the body A, as well as serving to unite the angle bar to the side of the body A to which it is attached. The seams *a*⁷ *a*⁸ which unite the body A to the bottom C and the meeting ends of the sides of the body at the upright corners of the box are all securely soldered. The body A is provided with a drip or drain opening *a*⁹ at the bottom thereof, and preferably near one of the corners of the box so that the water from the melting ice may drain off.

The outer cover B has a deep depending flange *b* which fits over or outside the upper end of the body A at the front and to the adjacent upright sides of said body. The flange *b* is provided at its lower edge with a roll *b*¹ inclosing a stiffening wire *b*². The outer sheet metal cover B is hinged at its rear edge to the upright back side of the

box body A by integral hinge ears or eyes b^3 on the cover B, in connection with a hinge pin or pintle b^4 and hinge eyes or ears a^{10} on the body A, said hinge ears a^{10} being preferably in a separate piece from the rear upright side of the body A.

The combined display and sealing cover D is preferably of plate glass, inclosed by a surrounding sheet metal frame D^1 consisting of four channel strips of galvanized sheet iron, the upper and lower members d d^1 of each strip embracing the edge of the glass plate D, and being each preferably about three quarters of an inch in width.

The horizontal members d d^1 of two of the channel strips overlap at the corners the horizontal members of the other two channel strips, and are securely soldered together so as to form a strong, stiff, metallic frame for the glass plate D. The sheet metal channel strip frame surrounding and embracing the glass thus gives this inside display and sealing cover smooth upright edges d^2 with slightly curved or rounded corners d^3 , thus adapting the display cover to fit very snugly and tightly within the upright members a of the inside cover sealing and supporting angle bars a of the body A; while at the same time this heavy plate glass display and sealing cover also rests flat against the horizontal members a^4 of the angle bars a , thus effecting a secure and tight closure. The inside display and sealing cover D is hinged at its rear edge to the body A at the rear upright side thereof by means of hinge eyes or ears d^4 on the metallic frame D^1 of the cover D and a^{11} on the body A in connection with the hinge pin or pintle d^5 which extends through these hinge eyes or ears. To give additional strength and stiffness to the metallic frame D^1 of the display and sealing cover D, I provide the upper and lower members d d^1 of each of the channel bars of the frame D^1 with inward turned folds d^6 at their inner edges.

To enable the display and sealing cover D to be conveniently raised or opened and closed as required for dispensing the oysters from the oyster container or can F, I provide the same with a wire loop or handle D^2 at the front edge thereof, the same having a hinge connection with the front channel strip of the metal frame D^1 , so that the handle may be folded down flat against the glass plate D when the outer cover B is closed. The hinge connection between the wire handle D^2 and the cover D preferably consists of a sheet metal hinge eye or ear d^7 , soldered to the upper member d of the front channel strip of the metal frame D^1 .

The oyster container or can F is preferably of tin plate and is preferably cylindrical in shape, thus leaving ample space for ice surrounding the same within the body A at the corners thereof.

The annular top head F^2 of the oyster container F has a large central opening F^3 therein, suitable for dipping or dispensing oysters therefrom with the usual dipper. The annular top head F^2 has a depending friction seat wall f to receive and form a tight closure with the corresponding depending friction seat wall g of the pry-off friction cover G. The top head F^2 of the oyster container F has a fulcrum rim or shoulder f^1 , and the friction cover G has a corresponding externally projecting pry-off rim g^1 to enable the friction cover to be levered up. The annular top head F^2 and friction cover G of the inner vessel or oyster container F are flush with the inner face of the glass plate or sealing cover D, so that the glass or sealing cover will by its own weight serve to hold the friction cover G tightly and firmly seated in the annular top F^2 of the container F when the friction cover G is in place for shipment or storage, and so that when the friction cover G is removed for display or dispensing of the oysters in the vessel F, the display and sealing cover D will serve to cover and close both the dispensing opening F^3 of the oyster container F as well as the outer vessel A.

I claim:—

1. A display and icing case comprising an outer casing provided with a hinged outer cover and an inner transparent display and sealing cover, an inner containing vessel provided with an open top and located within said outer casing, said inner casing being normally closed by the transparent display and sealing cover, said inner vessel being spaced from the outer casing to thereby provide an icing space surrounding the inner vessel, substantially as specified.

2. A display and icing case comprising an outer casing provided with a hinged outer cover and an inner transparent display and sealing cover, an inner containing vessel provided with a normally open top and located within said outer casing, the top edge of the inner vessel contacting with the under side of said inner transparent display and sealing cover to thereby normally close the inner containing vessel, the walls of the inner vessel and outer casing being spaced to thereby provide an icing space surrounding the inner vessel, substantially as specified.

3. A display and icing case comprising an outer casing provided with a hinged outer cover and an inner transparent display and sealing cover, an inner containing vessel provided with an opening in the top thereof and located within the outer casing, said inner vessel being provided with a removable cover and adapted to have its top edge contact with the under side of the inner transparent display and sealing cover to

thereby close the inner vessel, said inner vessel having its walls spaced from the walls of the outer casing to thereby provide an icing space surrounding the inner vessel, substantially as specified.

4. A display and icing case comprising an outer casing, an outer hinged cover, an inner hinged transparent display and sealing cover, an inner containing vessel provided with a friction seat wall a cover provided with a friction seat wall, adapted to cooperate with the friction seat wall of the inner vessel, said cover being adapted to help support the transparent display and sealing cover, substantially as specified.

5. A display and icing case comprising

an outer casing, an outer hinged cover, an inner hinged transparent display and sealing cover, and an inner containing vessel, said inner containing vessel being provided with a removable friction cover, said inner containing vessel having its walls spaced from the walls of the outer casing to thereby provide an icing space surrounding the inner vessel, substantially as specified.

Signed and dated at Baltimore this 7th day of August, 1909.

ANDREW S. JACKSON.

In the presence of—

J. P. LOUDERMAN,

A. R. P. FEETZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."