(No Model.) 2 Sheets—Sheet 1.

C. YARNALL, Jr.

BUTTER SHIPPING BOX.

No. 305,990. Patented Sept. 30, 1884.

FIG. 1

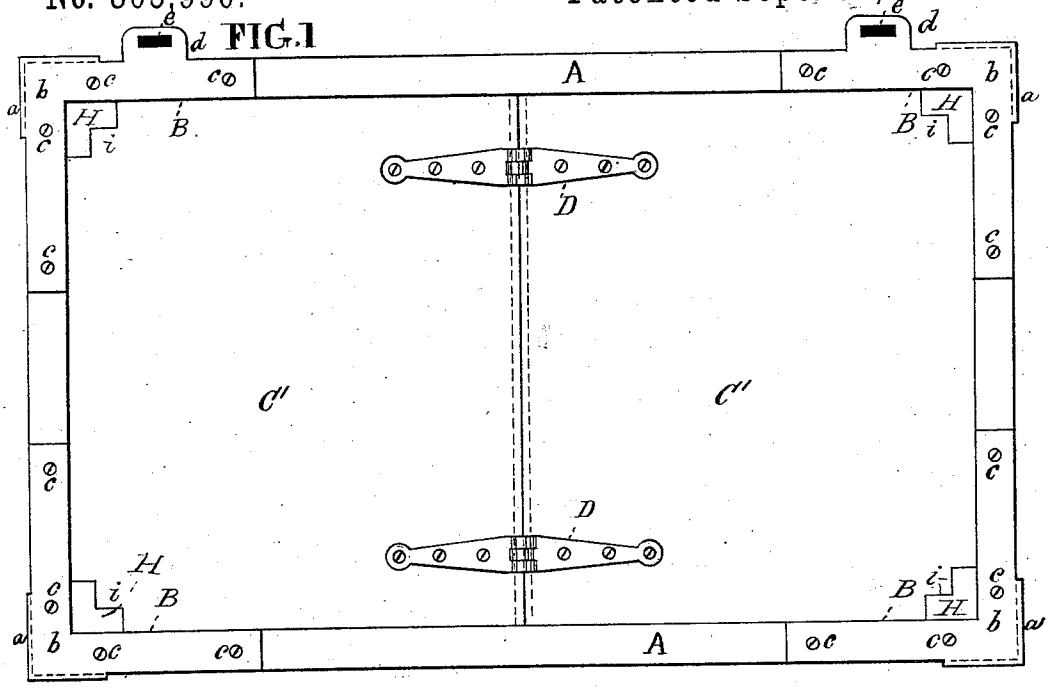
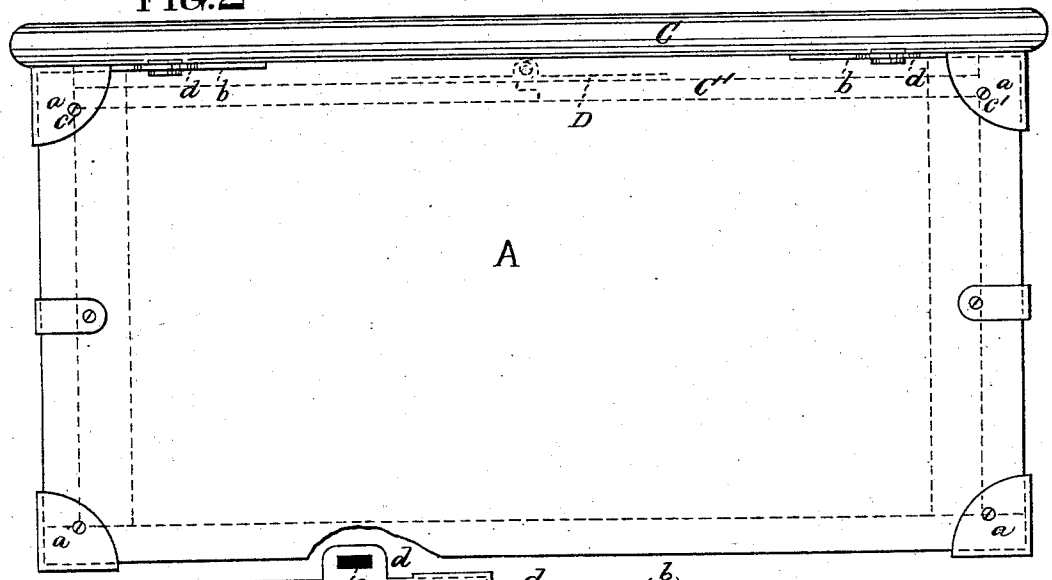


FIG. 2



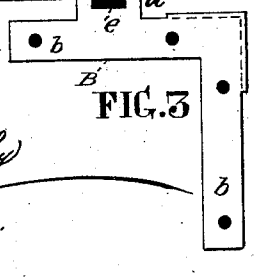


FIG. 3

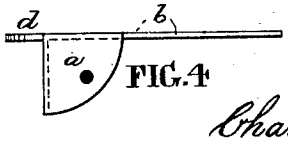


FIG. 4

Witnesses

Thomas J. Beuby

G. B. Woods.

Inventor

Charles Yarnall, Jr.

per Stephen Ustick, Att'y.

N. PETERS, Photo-Lithographer, Washington, D. C.

(No Model.) 2 Sheets—Sheet 2.

C. YARNALL, Jr.

BUTTER SHIPPING BOX.

No. 305,990. Patented Sept. 30, 1884.

FIG. 5

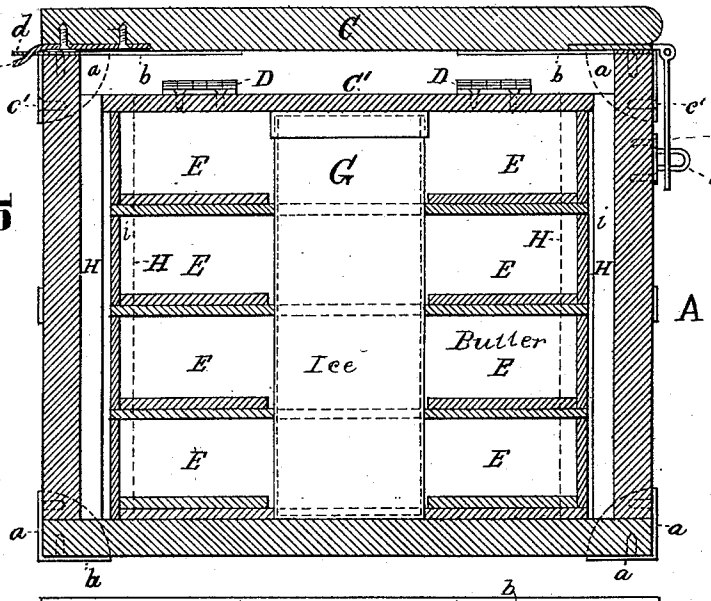
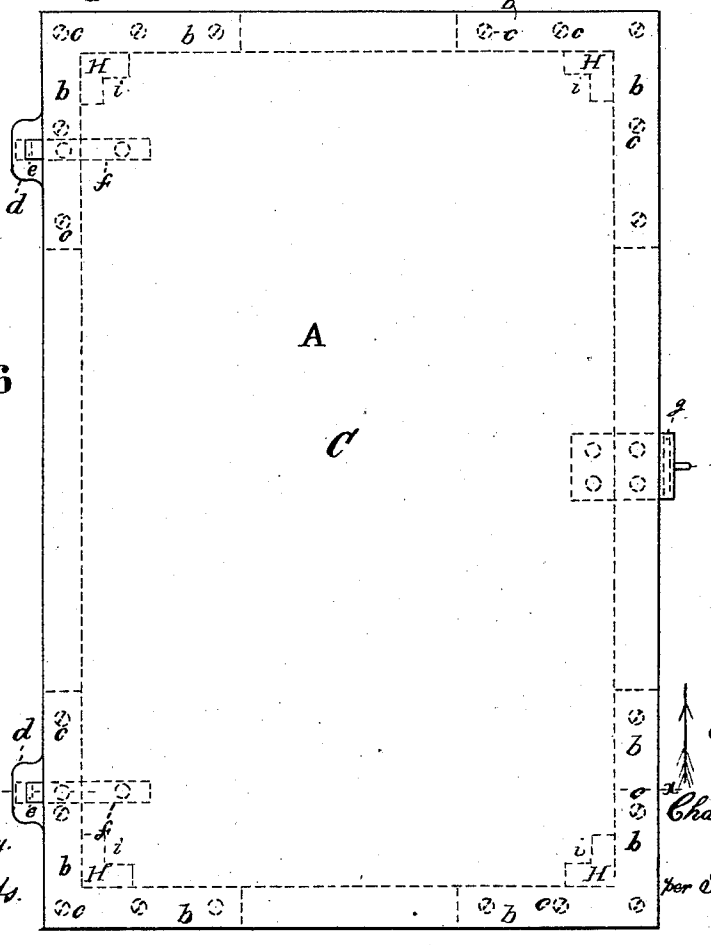


FIG. 6



Witnesses
Thomas J. Bewley.
E. J. Roberts.

Inventor
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per Stephen Ustick
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UNITED STATES PATENT OFFICE.

CHARLES YARNALL, JR., OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO CHARLOTTE E. YARNALL, OF SAME PLACE.

BUTTER-SHIPPING BOX.

SPECIFICATION forming part of Letters Patent No. 305,990, dated September 30, 1884.

Application filed April 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES YARNALL, JR., a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Butter-Shipping Boxes, of which the following is a specification.

The nature of my invention will be understood by the following description, in connection with the claims appended thereto.

In the accompanying drawings, which make a part of this specification, Figure 1 is a plan view of a butter-shipping box, with my improvement attached, with the outer lid off. Fig. 2 is a rear elevation of the same. Fig. 3 is a top or plan view of a rear corner-iron, having a projection, *d*, provided with a slot, *e*. Fig. 4 is an end elevation of the same. Fig. 5 is a vertical section at the broken line *x x* of Fig. 6. Fig. 6 is a top view of the box.

Like letters of reference in all the figures indicate the same parts.

A represents a butter-shipping box having my improved corner-irons B connected therewith. One of the irons is shown in detail in Figs. 3 and 4. These irons consist of the ordinary corner-plate, *a*, and the additional horizontal plate *b*, cast in a single piece, as shown in Figs. 3 and 4, which binds the corner in the usual manner when connected with a box, as shown in Figs. 1 and 2. The part *b* is sunk in the edges of the end and side of the box, binding the latter together, when it is held in place by means of screws *c*. (Shown in Fig. 1.) I usually construct the said irons of malleable iron, but do not confine myself to the use of that material, as other materials will answer the purpose. It will readily be seen that the additional plates *b*, being confined by means of screws which are at right angles to the confining-screws of the parts *a*, give great additional strength to the corners of the chest, especially as their binding-screws *c* are at right angles to the screws *c'* of the plates *a*. The plates *b* at the rear corners have projections *d*, provided with slots *e*, for the reception of slip-hinges *f*. These projections have heretofore been used, however, with a single straight plate, and are only new when combined with my flat L-shaped plates.

C is the lid of the box A, which is connected therewith by means of the slip-hinges *f f* and plates *b b*, having slots *e*, described above, the cover being confined at the front by the well-known device consisting of the hasp *g* and staple *h*.

C' is an inside cover of the box, made in two pieces, and connected together by means of hinges D D, as shown in Fig. 1. The object of having it in two pieces is to give facility to uncover only a part of the butter when it is unnecessary to expose the whole surface.

A series of trays, E, are shown in Fig. 5, the corners of which set in the rabbets *i i i i* of the corner-posts H H H H, as seen in said figure. The inside cover, C', rests upon the upper tray. These trays are set inside the posts, as shown, for the purpose of leaving a space around them between them and the vertical inside surfaces of the box, for the circulation of cold air, and also for convenience in taking hold of the trays in removing them from or placing them in the box. The space G, centrally arranged in the box, is for the purpose of containing ice to keep the butter cool, the access to said space being made by turning over the hinged covers C'.

I make no claim to the inside cover, C', except constructing it in two pieces for the accomplishment of the object stated, as it has been made heretofore in a single piece to protect the butter when the lid is thrown up; nor do I claim any other inside construction of the box, as the parts shown are well known in butter-boxes, and are only shown here as an illustration of the use of the box; but

I claim as my invention—

In a casting having corner-plates *a* and horizontal plates *b* cast in a single piece, the projection *d*, provided with slots *e*, substantially as described.

CHARLES YARNALL, JR.

Witnesses:

THOMAS J. BEWLEY,

STEPHEN USTICK.