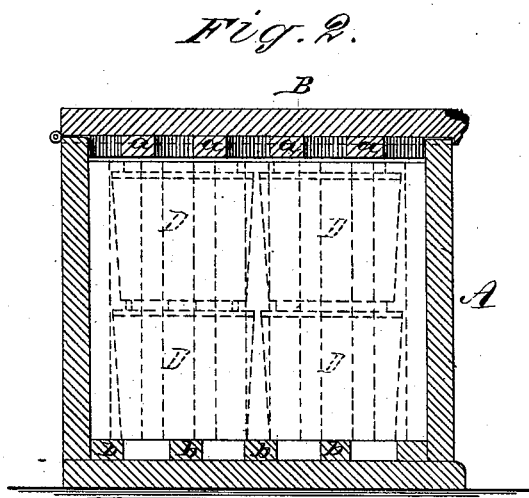
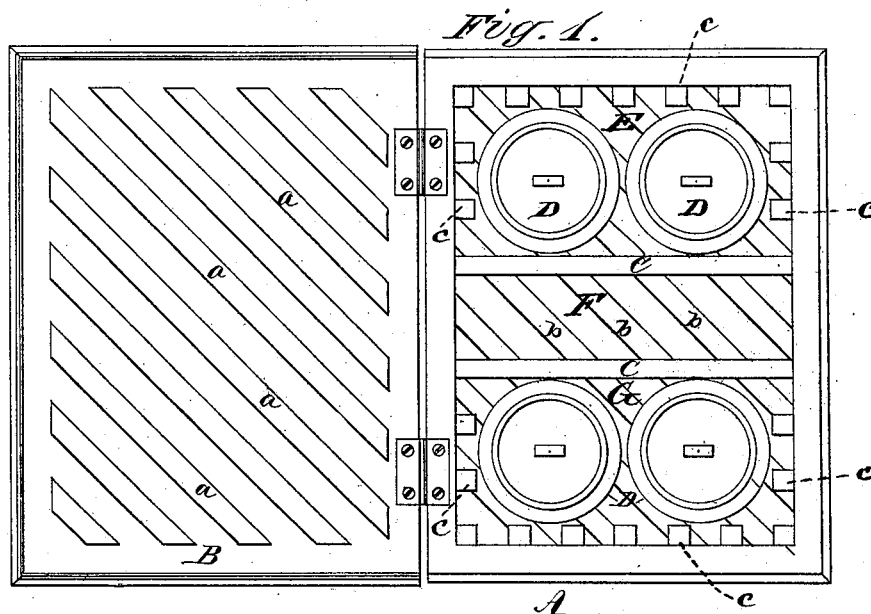


E. SLOCUM.
Refrigerating Butter-Case.

No. 215,984.

Patented May 27, 1879.



WITNESSES:

H. Rydquist
J. H. Scarborough.

INVENTOR:

E. Slocum.
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

EUGENE SLOCUM, OF ROSE HILL, IOWA.

IMPROVEMENT IN REFRIGERATING BUTTER-CASES.

Specification forming part of Letters Patent No. **215,984**, dated May 27, 1879; application filed September 29, 1877.

To all whom it may concern:

Be it known that I, EUGENE SLOCUM, of Rose Hill, in the county of Mahaska and State of Iowa, have invented a certain new and useful Improvement in Refrigerating Shipping-Cases for Butter-Tubs; and I do hereby declare that the following is a full and clear description of the same, which will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a plan or top view of my improved refrigerating shipping-case with the lid open, and Fig. 2 is a vertical section of the package closed.

Similar letters of reference indicate corresponding parts in both the figures.

This invention relates to refrigerating boxes or packages adapted for transportation; and consists in constructing the bottom and hinged cover of a box of this class with diagonally-arranged ribs, substantially as and for the purpose hereinafter fully described, and pointed out in the claim.

In the drawings, A is a square or rectangular box, made of wood, the sides of which are mortised together to make a solid and substantial package, provided with a hinged lid or cover, B.

The bottom of the box A, as well as the inner side of its cover B, is provided with a series of diagonal slats or bars, denoted by *a* and *b*, respectively, and the sides of box A are faced on the inside with vertical slats or bars *c c*, cut off a short distance below the upper rim or edge of the box to leave room for the bars *a* of the cover, which, when this is closed, will project some distance into the box.

C C are two parallel partitions arranged vertically in box A with their lower edges resting upon the diagonal bars *b* in the bottom of the box. That part of the sides of box A between these partitions is without the vertical bars *c*, as will be seen by reference to Fig. 1; and by these partitions C C, which are

permanent, the box is divided into three compartments, E F G, the middle one of which, F, is to contain the ice, while the butter-tubs, denoted by D in the drawings, are piled in the end compartments, E G.

The covers of the butter-tubs D are formed with an upward-projecting rim or ledge to receive the bottom of the tub next above; and the tubs are of such a size that they will fit snugly into the compartments E G when arranged in a row therein, as shown in Fig. 1, to prevent undue shaking during transportation.

I am well aware that it is not new to construct refrigerators or refrigerating shipping-packages for containing butter, fruit, &c., with ribs upon the sides or bottom; but this construction I do not claim, broadly. My improvement consists in placing said ribs or bars diagonally upon the inner side of the hinged cover and bottom, by which they not only form grooves or channels for the circulation of the cooling medium in like manner as when ribs parallel to the sides are used, but also serve as braces for the lid B and the bottom of box A, respectively, so as to greatly strengthen the package, which is of importance in a shipping-case of this kind, containing a heavy weight unequally distributed, (the filled firkins in the end chambers weighing more than the ice in the narrow middle compartment,) and which is apt to be knocked about and subjected to rough usage while in transit.

Having thus described my improvement, I claim and desire to secure by Letters Patent of the United States—

In a refrigerating shipping case or package constructed substantially as described, the bottom and hinged cover provided upon their inner sides with diagonal ribs or bars *b a*, as and for the purpose set forth.

EUGENE SLOCUM.

Witnesses:

F. L. JACKSON.

ANDREW J. COOK.