TAYLOR PYLE.

Improvement in Butter Safes.

No. 124,158. Patented Feb. 27, 1872.

Fig. 1.

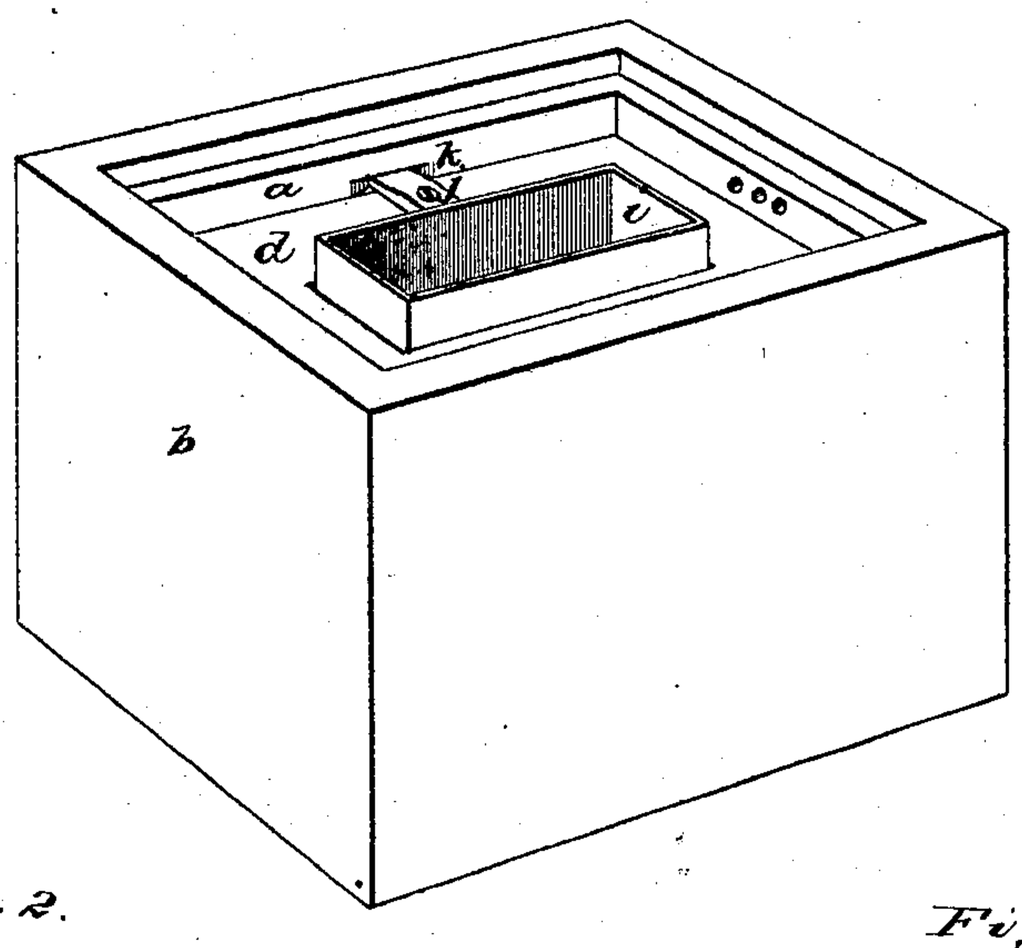
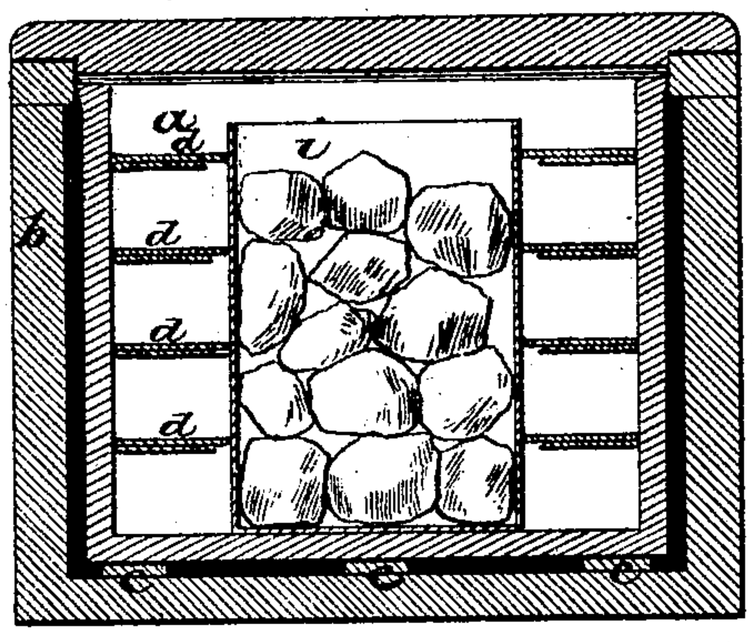


Fig. 2.

Fig. 3.



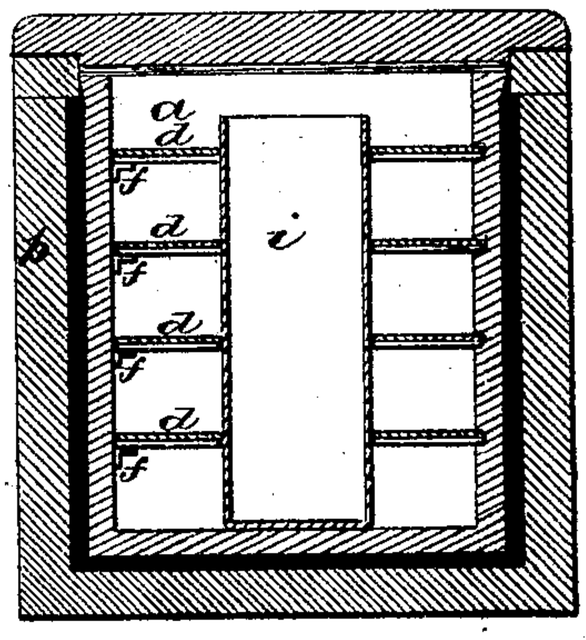
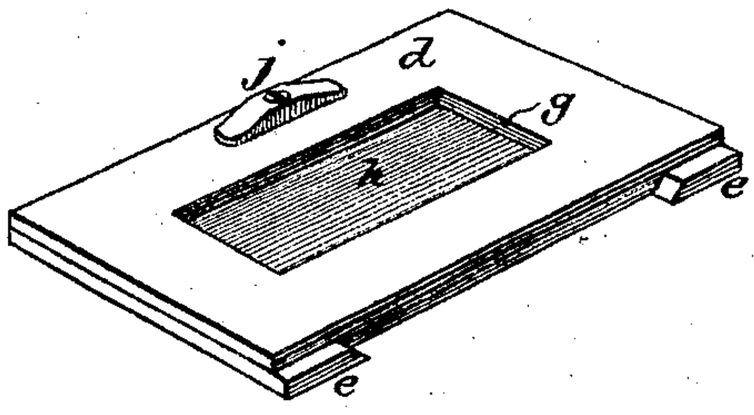


Fig. 4.



Witnesses.

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124,158

UNITED STATES PATENT OFFICE.

TAYLOR PYLE, OF OXFORD, PENNSYLVANIA.

IMPROVEMENT IN BUTTER-SAFES.

Specification forming part of Letters Patent No. 124,158, dated February 27, 1872.

To all whom it may concern:

Be it known that I, TAYLOR PYLE, of Oxford, in the county of Chester and State of Pennsylvania, have invented an Improved Safe for Transporting Butter; and I do hereby declare that the following is a full, clear and exact description of the same, reference being had to the accompanying drawing and letters of reference marked thereon making a part of this specification, in which—

Figure 1 is a perspective view of my invention; Fig. 2, a longitudinal vertical section; Fig. 3, a transverse vertical section; and Fig. 4, a perspective view of one of the covers or partitions.

This invention relates to that class of butter-safes and coolers for transportation in which the butter receptacle is inclosed in a casing, and is removable therefrom; and it consists mainly in the peculiar construction of the removable box or receptacle, the same being provided with several removable horizontal partitions, which divide the interior into separate chambers, each partition having an aperture in its center, through which a removable ice-can is inserted, said can extending from top to bottom of the box, its shape conforming to that of the apertures. The details of construction and method of operation will be more fully described hereinafter.

In the drawing, *a* represents the box or receptacle, which is oblong in shape, and fits into a casing, *b*, from which it can be readily removed. The interior of the casing *b* is provided on its walls and bottom with strips *c*, which keep the same from direct contact with the box *a*, and maintain an air-space around the same, as shown in Figs. 2 and 3. *d* represents horizontal partitions, which are inserted in the box *a* at various points, and divide it into separate chambers, each partition being of sufficient size to fill the horizontal area of the box. The partitions *d* are provided on their lower sides with beveled cross-pieces *e*, which project slightly beyond one edge of the same, and, entering mortises in one side of the box *a*, support the partition *d* in connection with brackets *f* on the opposite side of said box, as shown in Fig. 3. *g* represents an oblong aperture in the center of each of the partitions *d*, all of said apertures being in line vertically, and holding a correspondingly-shaped ice-can, *i*, which extends from top to bottom of the box *a*, and, fitting closely in the apertures *g*, forms the interior wall of the space between each of the partitions *d*. The partitions *d* are provided with buttons *j*, each of which engages a slot, *k*, in the wall of the box *a*, and holds its partition firmly in place, said button being on the opposite edge from the projections *e*, as shown in Fig. 4. The box *a* is beveled outward at its upper edge, which is the only point at which it comes closely in contact with the casing *b*. It is thus easily removed and inserted, and at the same time prevented from rattling by the beveled edge, which only comes in contact with the casing when the box is in position. By this arrangement butter can be securely packed and preserved in any desired quantity for transportation, each partition being securely held by the button *j* and projections *e*, and thus any number of partitions can be used in proportion to the amount of butter to be packed. The ice-can, being centrally located, cools the entire contents of the box by the use of a smaller quantity of ice than is possible where the ice-space surrounds the butter-box. This arrangement also enables the can to be removed in cold weather, when the apertures *g* may be closed by slides *h*, which are beveled and held between the beveled cross-pieces *e*, thereby utilizing all the interior space of the box *a*. The box *a*, casing *b*, and shelves *d* are constructed of wood, and the form of the internal arrangements enables them to be easily removed and cleansed.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A butter-safe, constructed with the wooden exterior case *d*, the removable interior box *a*, provided with removable partitions *d*, and the removable ice-can *i*, arranged centrally within the box *a*, substantially as described

TAYLOR PYLE.

Witnesses:

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