

(No Model.)

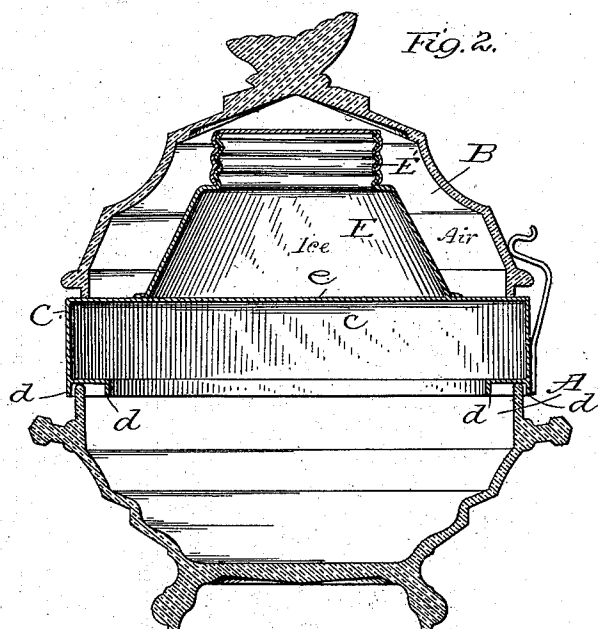
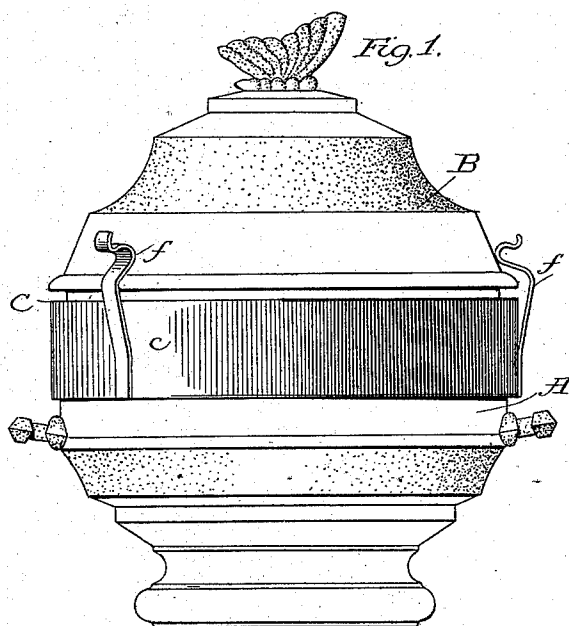
2 Sheets—Sheet 1.

A. C. PECOR.

REFRIGERATING DISH COVER.

No. 293,074.

Patented Feb. 5, 1884.



Attest:
Walter M. Mason
F. L. Middleton

Inventor
Alfred C. Pecor
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(No Model.)

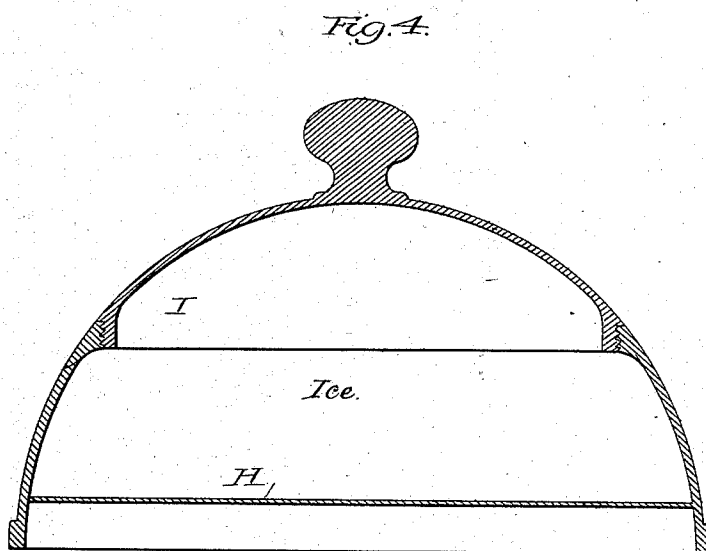
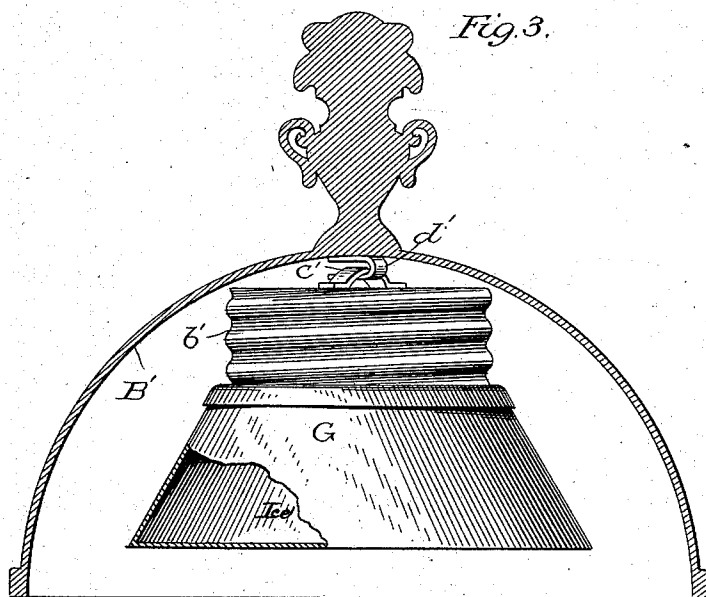
2 Sheets—Sheet 2.

A. C. PECOR.

REFRIGERATING DISH COVER.

No. 293,074.

Patented Feb. 5, 1884.



Attest:
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UNITED STATES PATENT OFFICE.

ALFRED C. PECOR, OF BALTIMORE, MARYLAND.

REFRIGERATING DISH-COVER.

SPECIFICATION forming part of Letters Patent No. 293,074, dated February 5, 1884.

Application filed November 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, ALFRED C. PECOR, of Baltimore, in the State of Maryland, have invented a new and useful Improvement in Refrigerating-Covers; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improvement upon the ordinary manner of cooling and hardening butter when contained in an ordinary butter-dish for table use. Ordinarily, as is well known, the ice is contained in the same receptacle or tray as the butter, and, being exposed freely to the air, melts rapidly, and sometimes fills or even overflows the tray, and tends to damage the butter both in quality and appearance.

My invention consists, first, in an ice-receptacle connected to the cover of a butter-dish, and having a removable top; further, in the combination, with a butter-dish and its cover, of a flanged intermediate cover, a conical ice-chamber, and a removable top; further, in the combination, with a butter-dish and its cover, of an intermediate removable ice-receptacle, and means for attaching to it the cover of the butter-dish, so that both can be removed together; further, in the construction of various parts of the device, as will be fully hereinafter set forth.

In the drawings accompanying this specification, Figure 1 is a side elevation of a butter-dish, with my improvement represented in position. Fig. 2 is a central vertical section of the same. Fig. 3 is a modification showing different form of ice-case. Fig. 4 also represents a section of cover, with modified form of ice-chamber.

I shall first describe my invention as applied to butter-dishes now in use, and afterward a construction intended for new dishes.

A represents the bowl, and B the cover, of an ordinary butter-dish. These parts may be made of solid or plated ware, or of glass or earthen ware, as may be desired. The cover of a butter-dish is always approximately conical in shape, as the butter is never contained wholly within the bowl.

C is a removable intermediate cover, which, in this form of construction, contains the ice-receptacle. The base of this cover *c* is of cylindrical form, and is hollow, as shown. Flanges

d-d are formed on the base, between which fits loosely the edge of the butter-dish, the flanges being placed at such a distance apart as to allow for various sizes of the dishes. To the flat top plate, *e*, of this cylindrical part is soldered or otherwise secured the ice-chamber E. This chamber is of frusto-conical form, and is provided with a screw-top, E', the removal of which permits the ice to be placed in the chamber. Upon the side of the removable cover are secured spring-catches *f*, which project, as shown, over the edge of such cover. The cover proper, B, of the butter-dish rests on the top plate, *e*, and is held in place by the spring-catches. The whole cover and ice-chamber thus secured together may be lifted off the dish like an ordinary cover, since the screw top or lid to the ice-chamber makes it practically water-tight, and there is no danger of leakage. It will be observed that a non-conducting air-space is thus formed between the cover B and the ice-chamber, which prevents the access of warm air to the latter, and thus economizes in ice.

The attachment of the supplemental cover does not in any way detract from the appearance of the butter-dish. In silver and plated dishes the ice-receptacle is entirely concealed and only the cylindrical portion *c* exposed in the form of a band around the dish, which may be highly polished or plated, or ornamented in any other desirable style. Where the butter-dish has a glass cover the ice-receptacle would be visible through the glass, and in that case would be ornamented in such a manner as to produce a pleasing effect. It will, however, be evident that the ordinary dish-cover might be dispensed with, the supplemental cover supplying its place.

I have shown in Fig. 3 a modified form of ice-chamber adapted to be suspended from and within the cover B'.

G represents a conical vessel having a screw-threaded top, *v*. Upon the top is a staple, *c'*, which engages with a hook, *d'*, in the top of the cover. The ice-chamber is in this manner entirely concealed, and the cover fits upon the dish in the usual manner. An air-space is formed, as in the former construction, between the ice-chamber and the dish-cover.

I have thus far described my invention in its application to butter-dishes already in use.

My improved dish-cover, however, is illustrated in Fig. 4. Here the cover is provided with a horizontal partition, H, so that a chamber is formed in the top of the cover to contain the ice. I is a screw cap or cover through which the ice is introduced. The chamber thus formed is practically a part of the dish-cover.

I have found that by the use of my invention butter may be kept hard and cold at the warmest temperature.

I do not limit myself to any special construction of any of the details—such as the spring-catches or suspending devices—as various forms may be employed.

Having described my invention, I claim—
1. In combination with the cover of a dish, an ice-receptacle provided with a suitable cover, and connected to the dish-cover within the same and above the contents of the dish, substantially as described.

2. The combination, with the butter-dish and its cover, of an ice-receptacle within the cover, and an air-space between the ice-receptacle and cover.

3. The combination, with a butter-dish, of the flanged intermediate cover, C, having the ice-chamber E connected therewith, and the whole connected to the butter-dish cover, substantially as described.

4. The combination, with the intermediate cover, C, having the ice-receptacle and the catches, of the main cover B, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALFRED C. PECOR.

Witnesses:

L. W. SEELY,

J. B. THOMPSON.