(No Model.)

W. H. GORDON & P. J. BOOST.

CHEESE SAFE.

No. 272,875. Patented Feb. 27, 1883.

Fig. 1.

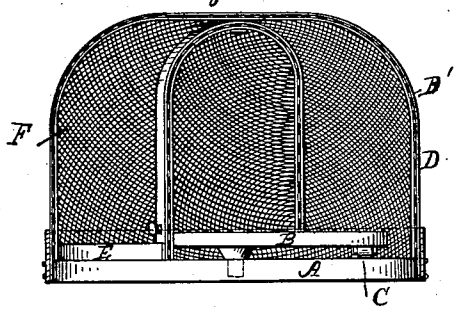


Fig. 2.

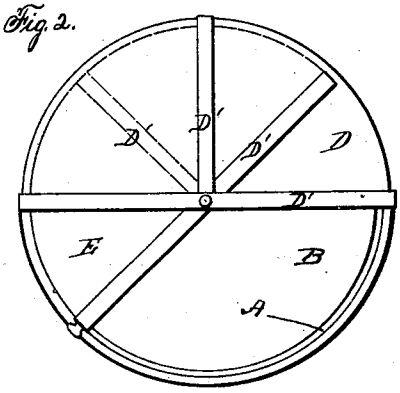


Fig. 3.

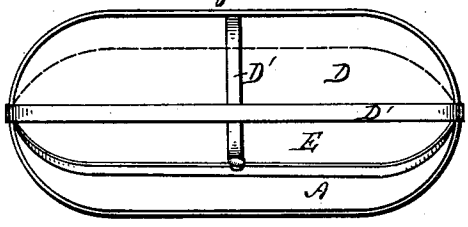


Fig. 4.

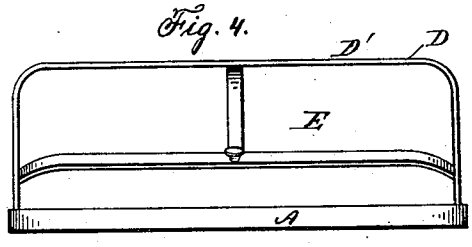


Fig. 5.

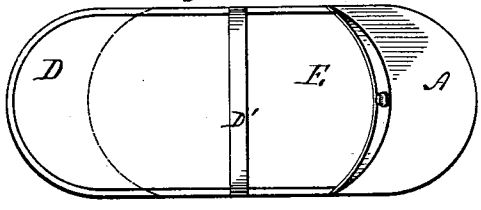
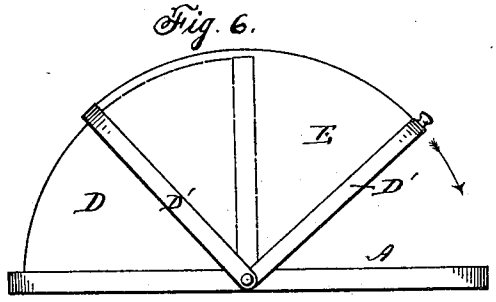


Fig. 6.



WITNESSES

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WILLIAM H. GORDON AND PHILIP J. BOOST, OF DETROIT, MICHIGAN.

CHEESE-SAFE.

SPECIFICATION forming part of Letters Patent No. 272,875, dated February 27, 1883.

Application filed January 12, 1883. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM H. GORDON and PHILIP J. BOOST, of Detroit, county of Wayne, State of Michigan, have invented a new and useful Improvement in Cheese-Safes; and I declare the following to be a full, clear, and exact description of the same, such as 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 part of this specification.

Our invention consists in the combinations of devices and appliances hereinafter specified, and more particularly pointed out in the claims.

In the drawings, Figure 1 represents a view in elevation; Fig. 2, a plan view of a device embodying our invention. Figs. 3 and 4 represent in plan and side elevation a variation of our invention; Figs. 5 and 6, a plan and side elevation of another variation.

The object of our invention is to make a cheese-safe of wire-cloth and supporting-hoops without any other frame-work than that which constitutes the bottom of the safe, and which shall have a sliding section adapted to open by revolving within the other section of the safe.

To this end A represents the bottom of the safe; B, the usual support, which we prefer to be a revolving support.

C represents anti-friction rollers.

D is a stationary section. It is supported by one or more hoops, D′, which are, at their lower ends, secured to the bottom frame, A, either upon its inside or outside, as may be desired.

E is the lid or movable section, which opens, as shown in the several views, by revolving within a stationary section, either upon a vertical axis, as shown in Figs. 1 and 2, or upon a horizontal axis, as shown in other figures.

The hoops D′ are preferably made double at the edges of the sections, so as to embrace the wire-cloth between them.

F is the wire-cloth, preferably gauze, which we prefer to use, although of course this may be any other wire fabric; or the sides might be composed of glass made in the same form.

It is apparent that the device is very simple, cheap, and compact, and the element of cheapness of construction is a very material one in articles of this character.

This device is susceptible of considerable variation without departing from our invention. For instance, as in Figs. 1 and 2, the base may be circular and the top flat, with rounded corners, or circular or semicircular in vertical section, and the lid be so arranged as to open about a vertical axis; or, as shown in Figs. 3 and 4, the base may be elongated, and the corners all be made round, the lid being hinged at the axis, as shown, the lid opening from the side; or, as shown in Figs. 5 and 6, the base may be elongated and the vertical longitudinal section of the structure be in semicircular form, so as to open the lid from the end of the structure. It will be observed that in all these structures a section taken at right angles with the axis about which the lid, in turning, will be of circular form, so that the door, in opening, will pass freely within and yet adjacent to the surface of the stationary section. In all cases the stationary section and the lid are made of slightly-different radius, so as to permit one to pass within the other.

Heretofore cheese-safes have been made of such form that each one has had to occupy its entire space in shipment. This contrivance of ours, however, is so made that when the top is simply separated from the base, the tops may be nested one within another and so compactly shipped and stored in knockdown form, and be then easily put together when they reach their destination or are ready for sale.

It will be understood that this device is not limited solely to cheese-safes, but is equally applicable for lunch-safes, pastry-covers, and for other analogous uses.

What we claim is—

1. A safe consisting of a base, a stationary section, and a movable section or lid adapted to turn within or upon the stationary section, the construction of said two sections being of such form that they constitute a dome-shaped top, said tops capable of being nested, substantially as described.

2. A safe consisting of a base, wire-cloth top, said wire-cloth supported solely by hoops which start from the base and extend over back to the base, the ends of the hoops being secured to the base, substantially as described.

3. A safe consisting of a base and a dome-shaped wire-cloth top, said top supported by both longitudinal and transverse hoops, and a

lid of similar form adapted to revolve within or upon the other portion of the safe, substantially as described.

4. A safe with an elongated bottom and rounded ends, said safe provided with a dome-shaped top, and a lid hinged at right angles to the length of the base, said lid and top so constructed that a longitudinal vertical section will be the arc of a circle, while the cross-section shall be of any desired form to which a transverse hoop may be bent, substantially as described.

In testimony whereof we sign this specification in the presence of two witnesses.

WILLIAM H. GORDON.
PHILIP J. BOOST.

Witnesses:
A. E. INGLIS,
N. S. WRIGHT.