(No Model.)

A. C. ALBRECHT.

Ice Cream Freezer.

No. 239,211. **Patented March 22, 1881.**

FIG. 1.

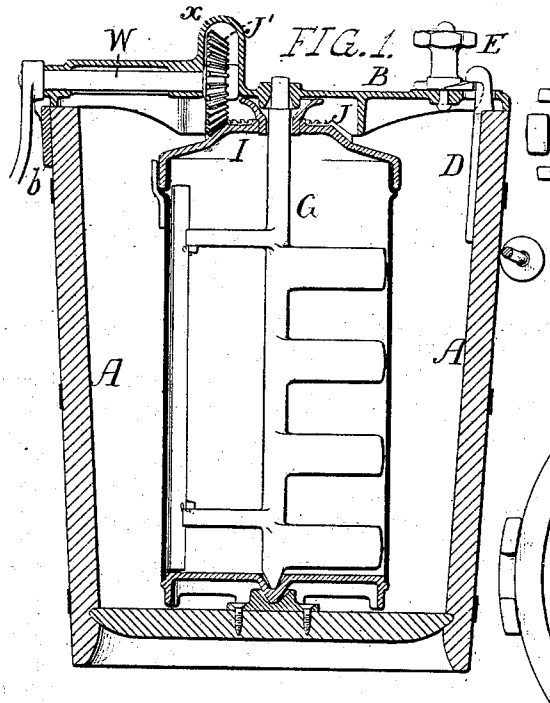


FIG. 2.

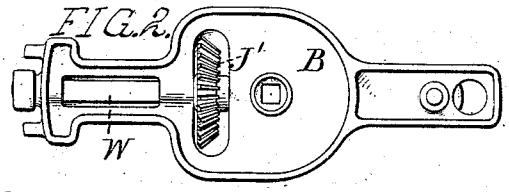


FIG. 3.

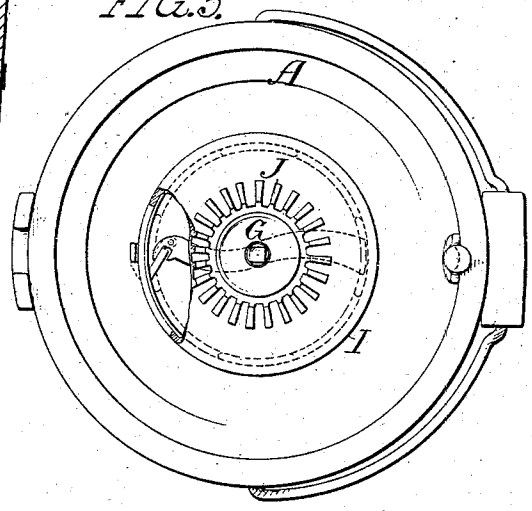
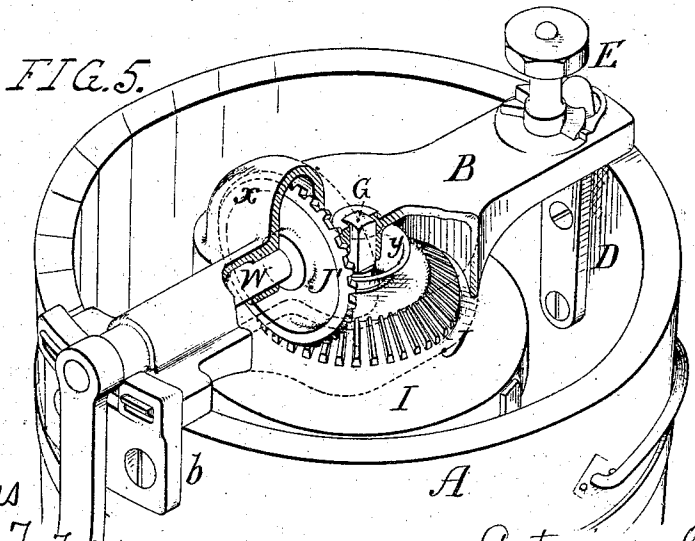


FIG. 4.



FIG. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

ANTONIUS C. ALBRECHT, OF PHILADELPHIA, PENNSYLVANIA.

ICE-CREAM FREEZER.

SPECIFICATION forming part of Letters Patent No. 239,211, dated March 22, 1881.

Application filed February 17, 1881. (No model.)

To all whom it may concern:

Be it known that I, ANTONIUS C. ALBRECHT, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Ice-Cream Freezers, of which the following is a specification.

My invention relates to improvements in that class of ice-cream freezers in which the cream-can is rotated by means of a horizontal shaft having a bevel-wheel gearing into a similar wheel on the can; and the main object of my invention is to so shield the wheel on the horizontal shaft that it cannot be a source of danger to those who operate the freezer or to meddling children, the shield at the same time preventing the access of obstructions to the spaces between the teeth of the wheels.

In the accompanying drawings, Figure 1 is a vertical section of an ice-cream freezer with my improvements; Fig. 2, an inverted-plan view of the cross-bar; Fig. 3, a plan view of the freezer, partly in section; Fig. 4, a sectional view of the cover of the cream-can; and Fig. 5, a perspective view of the upper portion of the freezer, part of the cross-bar being in section.

To the top of the outer vessel, A, of the freezer is secured the cast-iron cross-bar B by introducing projections on one end of the bar into slots in a cleat, *b*, secured to the exterior of the vessel A, the opposite ends being secured to a plate, D, also attached to the vessel by a turn-buckle, E.

A detailed description of the construction of the parts for thus detachably connecting the cross-bar to the vessel will be unnecessary, as they form no part of my present invention, but are described in a separate application for a patent.

The cream-can A and dasher-spindle G, with vanes and scraper, may be similar to those of other ice-cream freezers, the upper square end of the dasher-spindle passing through an opening in the cross-bar.

On the cover I of the cream-can are cast teeth, forming a bevel-wheel, J, into which gears a similar wheel, J′, secured to a horizontal shaft, W, which has its bearings on the cross-bar B, and which is provided with a suitable handle.

In ice-cream freezers of the class to which my invention relates the bevel-wheel J′ has heretofore been exposed at the top, which is objectionable for two reasons: first, because it is dangerous, especially in freezers for domestic use, as the fingers of meddling children are liable to be caught in the teeth of the wheel; and, second, because obstructions may have access to the spaces between the teeth. In order to prevent this, I cast on the cross-bar a hollow shield, *x*, which is too clearly shown in Figs. 1 and 5 of the drawings to need minute description, the shield inclosing the entire upper portion of the wheel.

The can turns on the fixed dasher-spindle G, which passes through the cover I, to which is attached the flaring projection *y*, the latter reaching nearly to the under side of the cross-bar, so as to serve as a shield to prevent foreign matter from gaining access to the can, the projection also serving as a handle, by the aid of which the cover can be readily removed from and readjusted to the cream-can.

I claim as my invention—

1. The combination, in an ice-cream freezer, of the shaft W and its bevel-wheel J′ with the cross-bar B, having a shield, *x*, inclosing the upper portion of the said wheel, all substantially as set forth.

2. The combination of the cross-bar B of an ice-cream freezer and a cream-can, the cover of which is provided with a flaring projection, *y*, substantially as and for the purpose specified.

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

ANTONIUS C. ALBRECHT.

Witnesses:

JAMES F. TOBIN,

HARRY SMITH.