(No Model.)

I. S. WILLIAMS.

Ice Cream Freezer.

No. 243,336. Patented June 21, 1881.

FIG. 1.

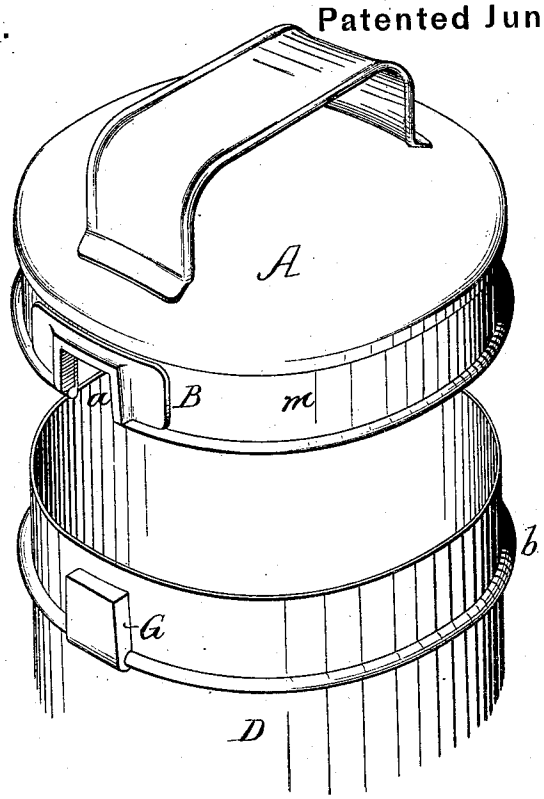
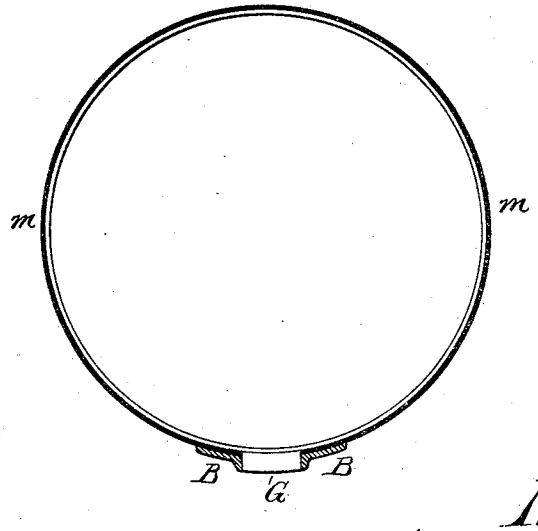


FIG. 2.



Witnesses:

J. M. Dunn

H. L. Fulenwider.

Inventor:

Isaac S. Williams,

by his Attorneys.

Howson and Sons

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ISAAC S. WILLIAMS, OF PHILADELPHIA, PENNSYLVANIA.

ICE-CREAM FREEZER.

SPECIFICATION forming part of Letters Patent No. 243,336, dated June 21, 1881.

Application filed April 25, 1881. (No model.)

To all whom it may concern:

Be it known that I, ISAAC S. WILLIAMS, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Ice-Cream Freezers, of which the following is a specification.

My invention relates to an improvement in that class of ice-cream freezers in which a cylindrical can containing the cream is vibrated in an ice-receptacle by the hands applied to a handle on the lid of the can, and the object of my invention is to furnish the can and lid with a substantial and permanent retaining device for preventing one from turning independently of the other.

In the accompanying drawings, Figure 1 is a perspective view of the upper portion of a cream-can and the lid, showing my improvement; and Fig. 2, a sectional plan of the lid.

As cream-cans of the class of ice-cream freezers to which my invention relates must be vibrated in the ice-receptacle by means of a handle on the lid, it is essential that provision should be made for preventing the turning of the said lid on the body of the can.

The devices heretofore used for this purpose have been of a very flimsy character, as they were generally composed of bent wires, one soldered to the side of the can at the upper end of the same, and the other to the flange of the lid, which is necessarily recessed or notched and weakened; and no proper provision was made for re-enforcing this weakened part of the flange.

In order to obviate this defect I secure to the flange *m* of the lid A a casting, B, preferably of malleable iron, which is recessed at *a* from below, the said recess coinciding with that in the flange, the casting being preferably galvanized or tinned and secured by solder.

The body D of the can is surrounded near its upper edge by a rim, *b*, on which the lid, when in place, rests, and a solid block, G, of metal, secured to the body of the can, is fitted to this rim, and extends upward therefrom, the block being of such dimensions that it will fit freely in the recess *a* of the casting B, thereby preventing the lid from turning on the can.

It is necessary, in applying the casting to the lid, to cut through the flange of the same to the extent of the recess *a;* but the flange thus weakened is properly re-enforced by the casting B, which bridges the said recess in the flange, the rigidity of this casting thus serving to strengthen the lid at the point where ordinary lids are necessarily weak.

I claim as my invention—

The combination, in a cream-can of an ice-cream freezer, of the recessed casting B, secured to the flange *m* of the lid where the latter is recessed, with the body D of the can, and its block G, fitted to the rim *b* of the can, all as set forth.

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

ISAAC S. WILLIAMS.

Witnesses:

HUBERT HOWSON,

HARRY SMITH.