W. A. HAAS.

PACKAGE FOR ICE CREAM.

APPLICATION FILED DEC. 2, 1919.

1,343,391.

Patented June 15, 1920.

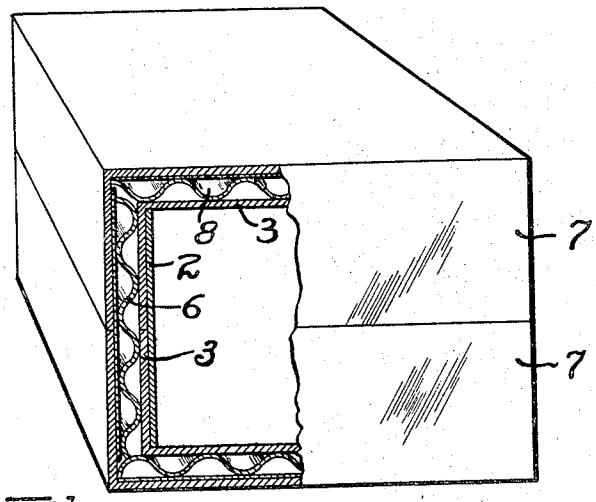



Fig. 1

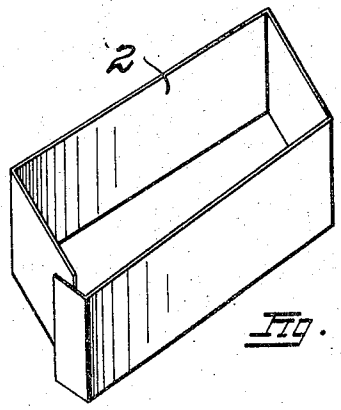



Fig. 2

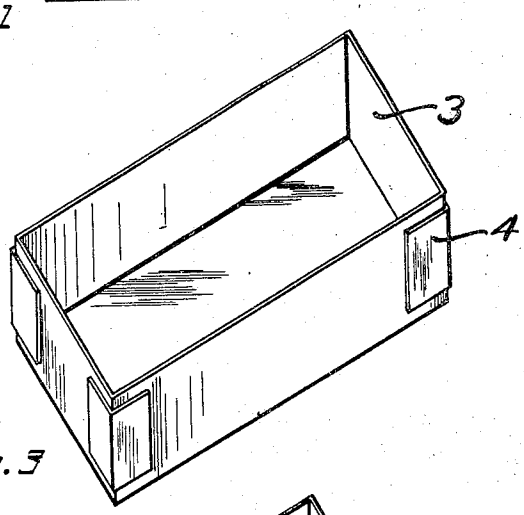



Fig. 3

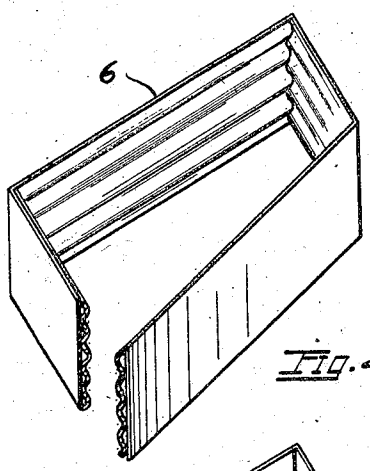



Fig. 4

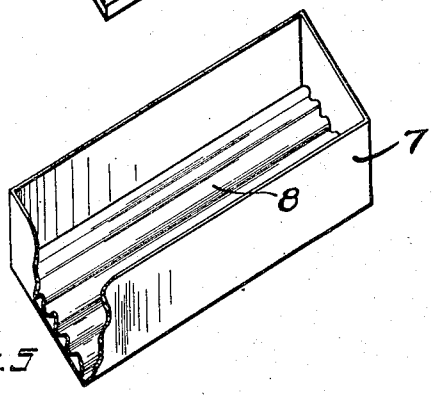



Fig. 5

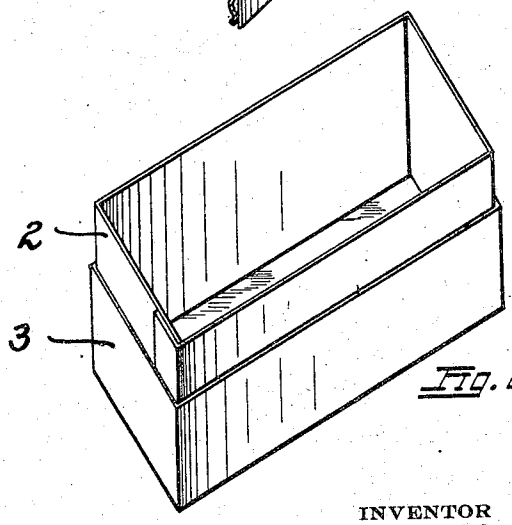



Fig. 6

Witness:
G. S. Evans

INVENTOR
Walter A. Haas.
BY White & Frost
his ATTORNEYS

# UNITED STATES PATENT OFFICE.

WALTER A. HAAS, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO GEO. HAAS & SONS, OF SAN FRANCISCO, CALIFORNIA, A CORPORATION OF CALIFORNIA.

## PACKAGE FOR ICE-CREAM.

1,343,391. Specification of Letters Patent. Patented June 15, 1920.

Application filed December 2, 1919. Serial No. 341,881.

*To all whom it may concern:*

Be it known that I, WALTER A. HAAS, a citizen of the United States, and a resident of the city and county of San Francisco and State of California, have invented a new and useful Package for Ice-Cream, of which the following is a specification.

My invention relates to means for packing ice cream.

An object of the invention is to provide a package in which ice cream may be dispensed, and which will delay the melting of the cream for a relatively long period.

Another object of the invention is to provide a package which will preserve the cream and from which the contents is readily removed without destroying or injuring its form.

The invention possesses other features of advantage, some of which, with the foregoing, will be set forth in the following description of the preferred form of my invention which is illustrated in the drawings accompanying and forming part of the specification. It is to be understood that I do not limit myself to the showing made by the said drawings and description, as I may adopt variations of the preferred form within the scope of my invention as set forth in the claims.

Referring to the drawings: Figure 1 is a perspective view of the package, a portion being broken away to disclose the structure. Figs. 2, 3, 4, and 5 are perspective views of parts of the package. Fig. 6 is a perspective view of the retaining strip assembled in one of the caps ready to receive a filling of cream.

In the selling of ice cream and similar goods in small packages to the retail purchaser, there are three main factors, which influence the attitude of the buyer on the question of future purchases, viz., quality or composition of the cream, condition in which the cream reaches home, and matters attendant upon the removal of the cream from the package. The last two have to do with the method of packing the cream, and broad objects of my invention are therefore to provide, first, a box or receptacle which offers a high degree of resistance to the passage of heat; that is to say, one which retains the frozen contents for a relatively long period at substantially the same temperature at which it was packed. Second, a receptacle which incloses a molded mass or brick of cream and from which the contents may be removed while retaining its form undamaged, with a minimum expenditure of time and effort, and without any of the usual waste and messiness characterizing the handling of this product. By the use of my new invention, a purchaser may buy a brick of cream in a package which is not unlike a candy box in outward appearance, and after several hours, the package may be opened and the cream deposited on a plate in its original molded form and in perfect condition.

My invention comprises a ribbon-like retaining strip 2, Fig. 2, creased and folded as shown to fit snugly within a cap 3, Fig. 3, as shown in Fig. 6. Both strip and cap are made preferably of a light cardboard and are coated on the inner surface with paraffin to render them non-absorbent. The strip is of such size that when folded it incloses a space to be filled by a predetermined quantity of cream, say a pint. The cap is formed with raised or flanged edges fastened at the corners with a reinforcement 4, in accordance with known methods of card-board boxmaking. The cap is preferably of such depth that it incloses one-half of the folded strip 2 when the latter is inserted as shown in Fig. 6, and a second cap exactly like the first one is provided to fit over the other half of the strip and complete the closure of the folded strip. In using my package, I first place the retaining strip within one of the caps as in Fig. 6 and fill the open topped container thus formed, level full with cream which is thus molded to form within the strip, the cap holding the strip in position. The other cap is then pushed into place as a cover for the filled container. A folded strip 6, Fig. 4 of corrugated board or other material having thermal insulating properties is then placed about the caps, encircling their lateral sides. The whole is next dropped into the bottom portion of the outer box 7 and the top portion applied to complete the package. The outer box is formed in two parts, just alike, each having a sheet 8, Fig. 5 of corrugated board or other insulating material in the bottom, so that the capped retaining strip is completely inclosed within the insulating sheets when inclosed within the outer box.

The outer box-parts, caps and retaining

strip in themselves possess good insulating qualities but with the strip 6 and sheets 8 interposed between the box and its contents, a package is formed which will maintain an ice cream brick within the retaining strip for several hours without material change.

To remove the contents from the package, the outer box parts, insulating strip 6 and the uppermost cap are discarded. The brick with the retaining strip encircling it is then lifted out of the lower cap and placed on a plate, and the retaining strip peeled off, leaving the brick in its original molded form upon the plate.

I claim:

1. A package comprising a ribbon-like detached strip for encircling the sides of the contents of the package, separate flanged caps for fitting over the opposite edges of the strip to form top and bottom closures for the package, and a box for inclosing said capped strip.

2. A package comprising a ribbon-like detached strip for encircling the sides of the contents of the package, separate flanged caps for fitting over the opposite edges of the strip to form top and bottom closures for the package, a box for inclosing said capped strip, and thermal insulating means interposed between said box and its contents.

3. A package comprising a ribbon-like strip for encircling the sides of the contents of the package, separate flanged caps for fitting over the opposite edges of the strip to form top and bottom closures for the package and to retain the strip about the contents, thermal insulating sheets for inclosing the capped strip, and a box for inclosing the foregoing structure.

4. An ice cream package, comprising a retaining strip for encircling a mass of the cream, caps associated with the retaining strip for holding it about the cream and for retaining the cream within the retaining strip, a box for inclosing the capped strip and thermal insulating means interposed between said box and its contents.

5. An ice cream package, comprising a retaining strip for encircling a mass of the cream, caps associated with the retaining strip for holding it about the cream and for retaining the cream within the retaining strip, a thermal insulating strip for encircling the capped retaining strip, a box for inclosing the foregoing structure and thermal insulating sheets in the bottom and top of said box.

6. In an ice cream package a retaining strip having a stiffness similar to that of light cardboard for encircling and fixing the size and shape of the mass of cream in the package, a cap for closing one side of the folded strip and holding the strip while the cream is placed within it, a second cap for closing the opposite side of the folded strip to complete the inclosure of the cream, a box for inclosing the foregoing structure, and thermal insulating sheets interposed between said box and its contents.

7. A package comprising a ribbon-like strip for encircling the sides of the contents of the package, flanged caps for fitting over the opposite edges of the strip to form top and bottom closures for the package and to retain the strip about the contents, said cap flanges together overlying the entire width of said strip, a box for inclosing the foregoing structure and thermal insulating sheets interposed between said box and its contents.

In testimony whereof, I have hereunto set my hand at San Francisco, California, this 24th day of November, 1919.

WALTER A. HAAS.