Jan. 3, 1939. A. LEVY 2,142,567

ICE CREAM CONE PACKING CONTAINER

Filed Jan. 9, 1937

Fig. 1.

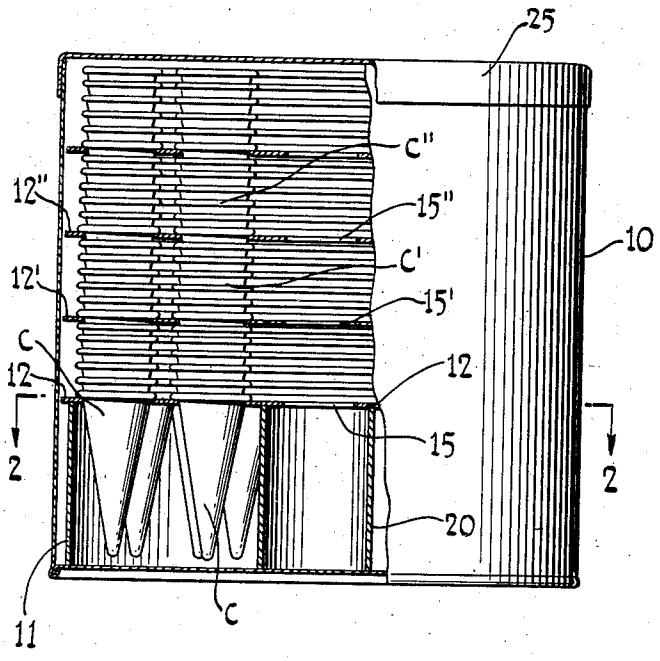


Fig. 3.

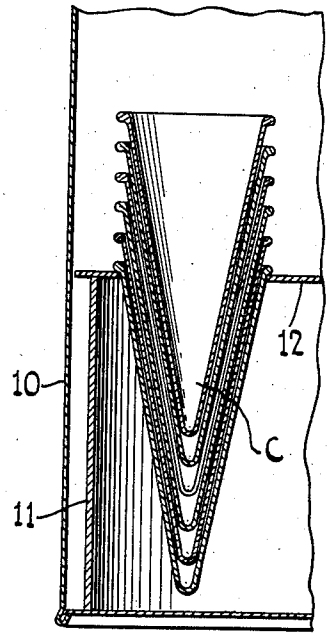


Fig. 2.

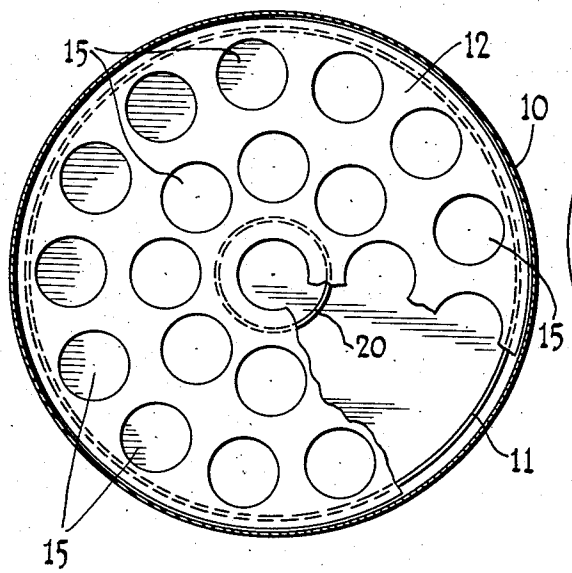
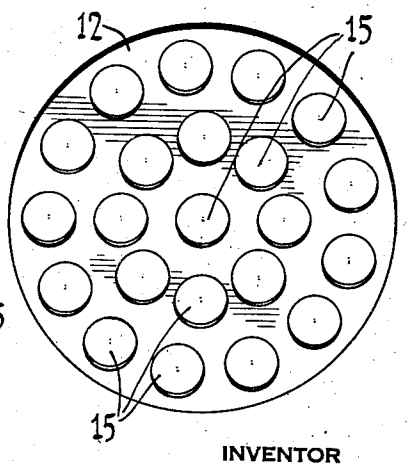


Fig. 4.



INVENTOR

Abraham Levy

BY

ATTORNEY

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ICE CREAM CONE PACKING CONTAINER

Abraham Levy, Brooklyn, N. Y.

Application January 9, 1937, Serial No. 119,774

1 Claim. (Cl. 206—65)

This invention relates to packing cases. More particularly, it relates to the type of packing receptacle adapted to hold a plurality of stacks of nested ice cream cones.

One of the objects of this invention is to provide a packing case for ice cream cones in which a plurality of stacks of nested cones are adapted to be supported therein in such manner as to prevent breaking, and in which the whole assembly of ice cream cones is prevented from sagging in the center by novel supporting means.

Another object of this invention is to provide a packing case for ice cream cones of the character described which shall be relatively inexpensive to manufacture, which shall comprise few and simple parts, which shall be rugged in construction, which shall be neat in appearance, and at the same time, be highly effective for the purposes intended.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combination of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claim.

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention,

Fig. 1 is an elevational view, partly sectional, of a packing case embodying my invention;

Fig. 2 is a cross-sectional view taken substantially on the line 2—2 of Fig. 1;

Fig. 3 is an enlarged view of a fragment of the structure shown in Fig. 1; and

Fig. 4 is a plan view of reduced size illustrating one of the elements that go to make up the invention.

Referring now in detail to the drawing, there is shown a packing case 10 arranged in accordance with my invention to hold a supply of nested ice cream cones. Said case 10 may be of cylindrical metallic construction, as shown, or it may be of any other desired shape or material. A cover 25 of usual construction may be employed. My novel means for supporting the nested ice cream cones within the container 10 will now be described.

I employ a cylindrical support 11 which may be made of any suitable material, such as cardboard, and which is of a diameter slightly less than the inside diameter of the case 10. The height of said support 11 is designed to be slightly greater than the depth of an ice cream cone for reasons which will soon become apparent. On the top edge of the support 11 I place a flat annular member 12, shown in detail in Fig. 4, having a plurality of concentrically arranged spaced perforations 15. Both the support 11 and the member 12 may be constructed of cardboard or similar material. The size of each of the perforations 15 is slightly less than the diameter of the uppermost part of the cone so that when a cone is placed in such perforation, it will not fall through. It is noted that the diameter of the member 12 is greater than the diameter of the support 11 so that a portion of said member 12 is adapted to extend beyond the periphery of said support 11. A plurality of stacks of nested cones C are then placed in the perforations 15. It will be noted from Figs. 1 and 3 of the drawing that the lowermost cone of each stack does not contact the bottom of the container and, therefore, the total weight of the nests of cones C is supported by the member 12, which in turn is supported by the member 11. While any number of cones may be used in a nesting, it is desirable that each nesting of cones contains the same amount of cones so that the overall height of all the stacks of nested cones will be the same in order to build up the assembly as will now be described.

On the top edge of each uppermost cone of the plurality of nestings of cones just described, I rest another annular member 12' similar in construction to the member 12, and also provided with a plurality of perforations 15'. Into each of the perforations 15' of the members 12' are placed additional stacks of nested cones C'. On the top layer of cones of the second group of nested cones C' there may be placed a third annular member 12'' adapted to hold another set of nestings of cones C''. The container 10 may thus be packed with any desired number of ice cream cones by increasing or decreasing the number of perforated members 12.

In order to prevent the entire above described assembly of ice cream cones within the casing 10 from sagging in the center, there is provided an addtional inner support 20 which is of much smaller diameter than the support 11 and which is preferably circular and concentric with the support 11. The support 20 is so arranged as not to cross any of the perforations 15 of the inner row of perforations. In other words, this support 20 is positioned between the center of the member 12 and the inner row of perforations 15. It is thus seen that the entire stack of ice

cream cones is given additional support where the weight of the entire structure is most likely to sag and thus the ice cream cones are kept in proper position and prevented from breaking. At the same time, the nesting of ice cream cones arranged in layers, as above described, presents a very neat appearance for the packing and shipment of ice cream cones.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing, is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A packing case for ice cream cones comprising a hollow casing having a bottom wall and a cylindrical side wall, a flat perforated member similar in contour to and adapted to fit freely within said casing, means for supporting said perforated member in said casing, said last-named means comprising a pair of relatively rigid hollow nested members concentric with the side wall of said casing and having their lower edges resting on the bottom wall of said casing, the upper edge of the first of said pair of supporting members contacting said flat member at a point adjacent the outer edge of said flat member, and the second of said pair of supporting members contacting said flat member at a point parallel to and spaced inwardly from said supporting member.

ABRAHAM LEVY.