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1,560,205

W. W. CASSELL

ICE CREAM CENTER MOLD

Filed Sept. 11, 1922

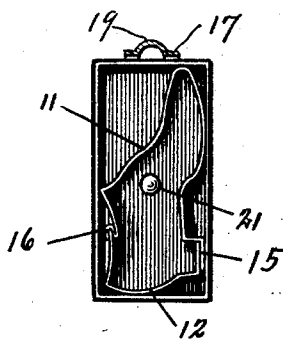


Fig. 4.

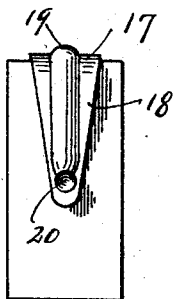


Fig. 5.

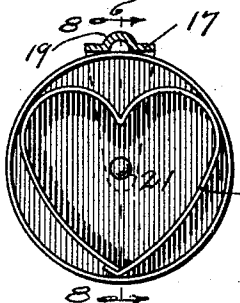


Fig. 7.

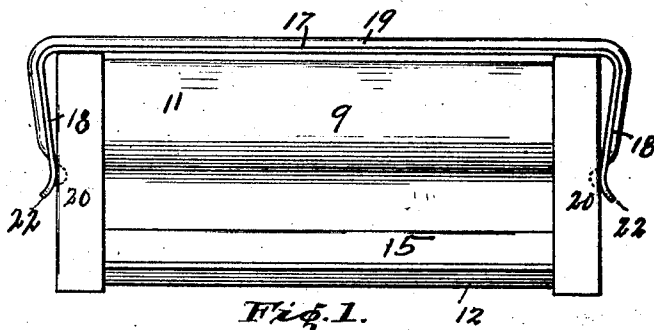


Fig. 1.

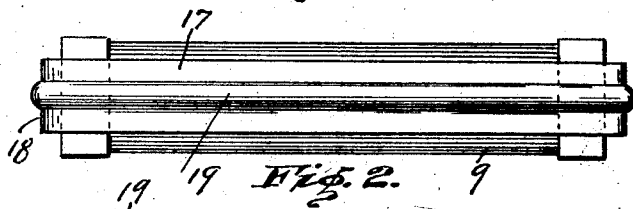


Fig. 2.

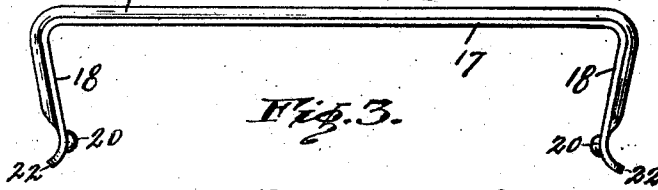


Fig. 3.

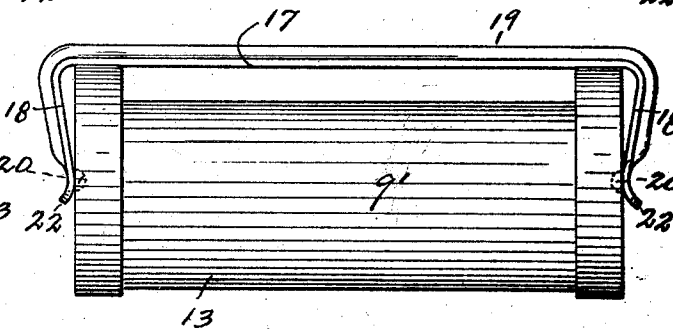


Fig. 6.

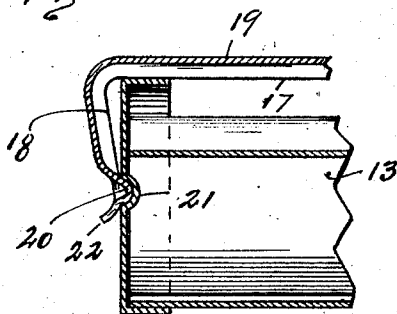


Fig. 8.

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UNITED STATES PATENT OFFICE.

WILLIAM W. CASSELL, OF VINCENNES, INDIANA.

ICE-CREAM-CENTER MOLD.

Application filed September 11, 1922. Serial No. 587,342.

To all whom it may concern:

Be it known that I, WILLIAM W. CASSELL, a citizen of the United States, residing at Vincennes, in the county of Knox and State of Indiana, have invented new and useful Improvements in Ice-Cream-Center Molds, of which the following is a specification.

This invention relates to improvements in molds for imparting fancy shapes or figures to ice-cream, generally where an ornamental center of one kind or color is desired in a brick or block or another kind or color of ice-cream.

The object of this invention is to provide a simple and efficient mold for the above purpose which comprises a plurality of detachable sections or parts such as sides, in one or more pieces, assembled between end caps, whereby the parts of the mold may be readily separated leaving the center core perfectly shaped and intact.

Another object is to provide means for locking the parts together before the freezing operation begins to function for that purpose, thereby avoiding all danger of waste and uncertainty of results due to accidental separation of the mold.

With the above and other objects in view which will hereinafter appear, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be presently described and pointed out in the claim.

In the accompanying drawings, Fig. 1 is a side elevation of a mold embodying my invention, the same being adapted for molding ice-cream in the form of a slipper-center for a brick or block. Fig. 2 is a top plan view of the same. Fig. 3 is a side elevation of the bar for locking the ends, removed from the rest of the mold. Fig. 4, is an end view of the mold shown in Fig. 1, with the near cap removed and the locking bar in cross section. Fig. 5, is an end elevation with the near cap and the locking bar in place. Fig. 6 is a side elevation of a mold, the body of which is in one piece of a shape to produce an ice-cream center of heart-shape in cross-section. Fig. 7, is an end view of same with the near cap removed and the locking bar shown in cross-section, and Fig. 8 is a fragment in vertical section on the line 8, 8 of Fig. 7.

In carrying out my invention I provide a body or side member 9 made in a plurality

of separable pieces, here shown as two in number designated by the reference characters 11 and 12 and illustrated in Figs. 1, 2 and 4, or there may be more than two pieces, as the nature of the design wanted may require, or the side or body member may be formed out of one piece 13, as in Figs. 6, 7 and 8, it being understood that the number of pieces in the side or body member may vary with the design of the core to be molded.

In addition to the side or body members I provide end caps 14 with marginal flanges forming a recess in each cap to receive the ends of the assembled pieces of the body member and hold them in their proper assembly.

The separable meeting edges of the body member may be joined in any suitable manner, as by lapped joints 15, see Figs. 4 and 7, or by a tongue and groove joint 16, as shown in Fig. 4, but any form of telescoping, interlocking, or lapped joint may be provided for the meeting portions of the body members of the mold.

The above caps when assembled with the body members entering the flanges of and held between a pair of caps frequently come off in handling the filled mold before the cream contained in it is frozen sufficiently to hold them together, and to prevent such a happening I provide a locking bar 17 with end fingers 18, 18 substantially at right angles to the body of the bar. The fingers 18 receive the assembled mold between them with the heads of the mold contacting the corresponding fingers in the manner shown, and the fingers are of such length as to terminate opposite the centers of their respective caps. The bar 17 and fingers 18 are preferably formed from spring strap or sheet-metal, and they are preferably formed with a longitudinal corrugation 19 for greater strength. On the inside of each finger 18, near its end, is a lug 20 bent out of the metal of the finger, and corresponding indents 21 are formed in the caps to receive said lugs or detents and thereby hold the fingers in given and proper contact position best adapted for securely retaining the mold members in their operative positions. The extreme ends 22 of the fingers are preferably bent out as shown for easier manipulation in placing and removing the locking bar.

Having thus fully described my invention,

what I claim as new and wish to secure by Letters Patent of the United States, is—

A mold for ice-cream or the like comprising one or more longitudinal body-members open at their ends, caps to close the ends of the mold having flanges to receive and over-lap the end portions of the body members, and a straight bar of strap spring metal having end fingers in the same lateral direction, substantially parallel with each other, receiving the assembled mold between them with the fingers contacting the caps and locking the mold together, the bar having a longitudinal corrugation from finger to finger and toward the ends of the fingers, and uncorrugated finger ends which are bent outwardly, said caps having centrally located indents and the fingers having detents in their uncorrugated portions entering the indents to prevent accidental displacement of the fingers.

Signed at Vincennes, Indiana, this the 7th day of September, 1922.

WILLIAM W. CASSELL.