March 8, 1932. M. BORDMAN 1,848,412

ANTIMOTH CAKE

Filed May 4, 1931

Fig. 2.

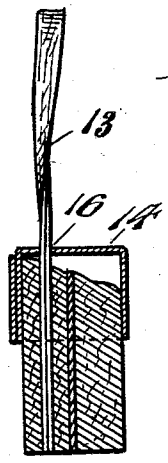


Fig. 1.

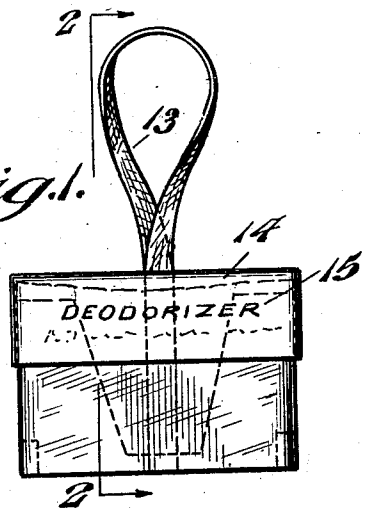


Fig. 4.

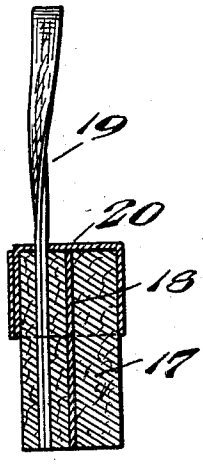
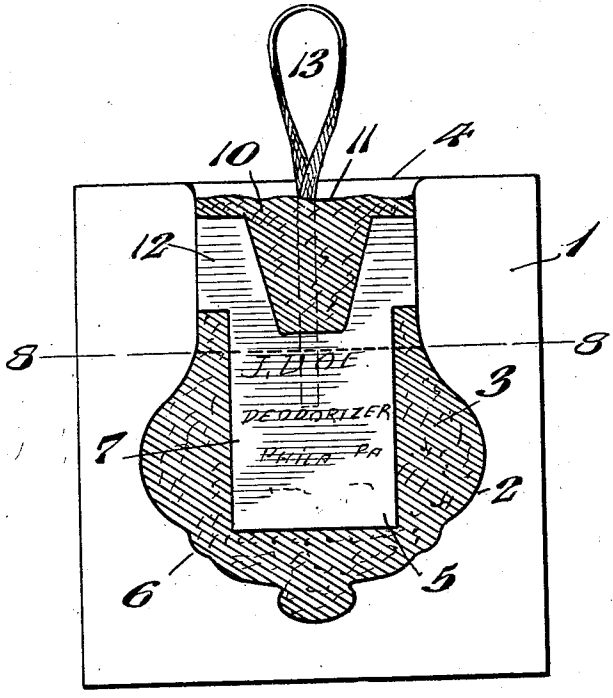


Fig. 3.



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UNITED STATES PATENT OFFICE

MORRIS BORDMAN, OF PHILADELPHIA, PENNSYLVANIA

ANTIMOTH CAKE

Application filed May 4, 1931. Serial No. 534,850.

My invention relates to a new and useful anti-moth cake and it relates more particularly to an anti-moth cake which may be suspended in a clothes closet to permeate the clothes with moth killing fumes.

In making anti-moth cakes, it is customary to melt the initially solid compound and to mold the same into a cake form by pouring the melted compound into a form or mold. It is further customary to employ molds or forms of an artistic design, such as, a jar-shaped configuration, or the like and generally speaking, regardless of the form or mold used, when the molten compound is poured into the mold there is a tendency for shrinkage at the outer or pouring end of the mold which results in an uneven broken edge which is cut off when the cake or mold thus formed is trimmed. Due to the coloring and deodorizing substances usually added to such compounds, it is frequently impractical or impossible to remelt and repour the uneven shrunken edge trimmed off the molds formed, so that such trimmings usually represent complete waste.

In addition to this phase of the problem, it is often desirable to pour the cake into a form or mold and partially to enclose the resultant form in some sort of a cover or casing which serves to add to the attraction of the product and to carry any desired advertising material.

It is also desirable to provide means for handling or carrying the forms thus produced regardless whether the same are finished products or whether they represent salvaged waste.

To the above ends I have developed a new product having means embedded therein for handling or carrying the cake or mold and also adapted to receive a cover or casing.

While my invention has particular advantage in its application to the salvaging of waste incident to the pouring or molding of cakes which gives such waste products, it is equally applicable to and greatly improves the appearance of original finished articles and renders the same more salable.

In the accompanying drawings in which:

Fig. 1 represents a side elevation of a cake or mold showing the application of my invention to the salvaging of waste material.

Fig. 2 represents a section on line 2—2 of Fig. 1.

Fig. 3 represents a diagrammatic view illustrating my novel invention.

Fig. 4 represents a view similar to Fig. 2 showing another form of my invention.

Referring to the drawings in which like reference characters indicate like parts, and referring first to Fig. 3, I have shown a mold or form 1 having a substantially jar shaped core box 2 into which a molten compound 3 is poured from the openings 4. In practice I position a card board 5 within the core box 2, the function of this card board being to form a central body or support for the jar shaped cake 6 and to carry any desired advertising 7 so that when the cake has evaporated or has otherwise been used up, the purchaser can, by reading the matter on the card board 5, reorder from the manufacturer. In making a jar shaped cake 6 it is necessary to trim the cake along the line 8—8 to give it a uniform straight edge which in the finished product forms the bottom of the jar shaped cake. That portion of the mold above the line 8—8 which I designate as 10 has an upper or shrunken edge 11 and has up till the present time constituted complete wastes, since, due to the coloring and the deodorizing substances added to the compound 3, it is impossible to remelt and repour the waste portion 10. In actual practice the waste portion 10 amounted to about 25% of the finished product 6 and hence represented considerable waste. In order to utilize this waste, I extend the card board member 5 upwardly to approximately the top of the mold instead of stopping the card board 5 at the line 8—8. When the cake 6 is trimmed along the line 8—8 the card board extension 12 then forms a support for the waste upper portion 10. Likewise before pouring the molten substance 3 into the core box 2 I position a ribbon or other supporting member 13 the free ends of which extend any desired distance, to be embedded into the molten substance 3 when the latter is poured into the mold 1, so that when the molten substance 3 hardens the rib-

bon or other support 13 is firmly embedded. In order to cover the ragged unattractive upper edge 11 of the waste portion 10 I provide the cover 14 which is of any suitable size and which carries any desired advertising 15. Through the top of the cover 14 is formed a hole 16 through which the ribbon 13 is adapted to extend so that in the finished form the upper waste portion 10 with its ragged edge 11 covered by the cover 14 is suspended from the ribbon or its equivalent 13.

While my invention is primarily devised to enable me to use what would otherwise be complete and considerable waste, it is to be understood that my invention is equally applicable to the production of properly formed or molded products as illustrated in Fig. 4 wherein I show a square cut or molded cake or form 17, having an inner card board support 18, a ribbon 19 having its free ends embedded therein and a cover 20 slidable upon the ribbon 19.

While in the foregoing description I have referred to an anti-moth cake, soap cake or similar product which is formed or molded by pouring the molten material into a mold, it is to be understood that my invention is equally applicable to products thus formed by means of pressing an unmelted material. It is further to be understood that the supporting means may be a ribbon as shown or any other equivalent device, and that the card board in the center of the cake may be of any desired form or may be entirely dispensed with. Since the primary object of the invention is to mold a cake in which a support is embedded and which support is adapted to engage a detachable cover which, in the event that the mold consists of a waste trimming, serves to render such salvaged waste presentable and salable as any original or finished product.

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

1. In a device of the character stated a molded body portion, a central support therein, a hanger element having an end thereof embedded in said body portion and a cover for said body portion through which said hanger member projects.

2. In a device of the character stated, a volatile, shaped, product, a flexible element doubled upon itself and having its ends imbedded in said product, and a cover adapted to enclose the upper portion of said product, said flexible element being threaded through an opening in the top of said cover.

3. In a device of the character stated, a molded body portion, a hanger element having an end thereof engaging said body portion, and a cover for said body portion through which said hanger element projects.

In testimony whereof I affix my signature.

MORRIS BORDMAN.