April 3, 1951 D. BRODY 2,547,687

MOTH-REPELLENT CAKE AND A CONTAINER THEREFOR

Filed March 13, 1950

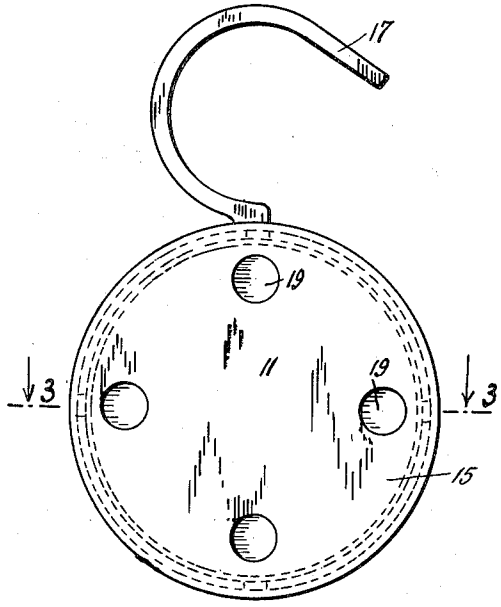


Fig. 1

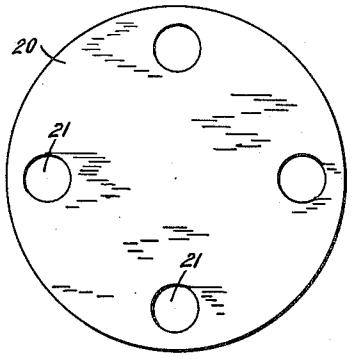


Fig. 2.

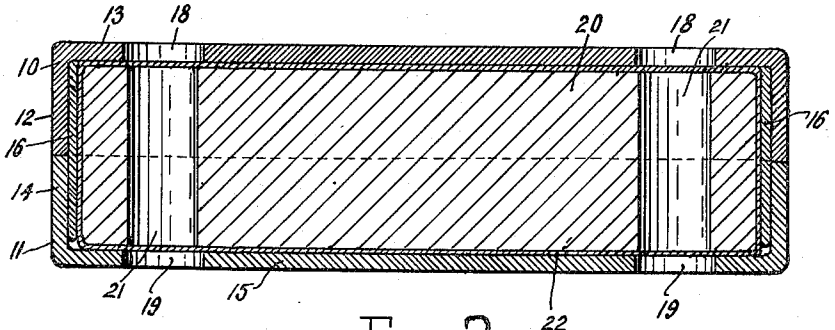


Fig. 3.

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MOTH-REPELLENT CAKE AND A CONTAINER THEREFOR

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1 Claim. (Cl. 299—24)

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The present invention relates to improvements in containers especially adapted for receiving moth-repellent material, in the form of cakes, and pertains also to improvements in the cakes themselves.

Cakes of moth-repellent material are, for purposes of transportation and storage, usally wrapped and properly sealed in sheet material impervious to air, for instance "cellophane." In use, a cake, after having the wrapper removed therefrom, is placed into a suitably perforated container or box, to expose the moth-repellent substance to the action of air.

In the act of removing the wrapper from the cake, the hands of the user, obviously, come into contact with moth-repellent material, whereby some of the moth-repellent adheres to the hands. Although the bulk of the repellent adhering to the hands is capable of being removed by washing and scrubbing, a thin film invariably stays on the hands and imparts a rather unpleasant odor to the same. This odor lingers until the said film has fully evaporated.

The primary object of the present invention is to so construct and arrange the container and cake that the moth-repellent substance is adapted to be exposed without necessitating contact between said substance and the hands of the user.

Another object of the invention is to provide a container of the type mentioned, which is very simple in construction, extremely efficient in operation, and which is capable of manufacture on a commercial scale or, in other words, one which is not so difficult to produce as to be beyond the reasonable cost of such an article.

Other objects and advantages of this invention will be apparent during the course of the following detailed description.

One of the many possible embodiments of the present invention is illustrated in the accompanying drawings, in which:

Figure 1 is a front elevation of the improved container with the improved moth-repellent cake positioned therein;

Figure 2 is a similar elevation of the cake before the wrapper is placed thereon; and

Figure 3 is a section taken on line 3—3 of Figure 1, on an enlarged scale.

The container comprises a body portion 10 and a closure portion 11. The body portion consists of a cylindrical wall 12 and a flat end 13. Similarly, the closure portion is made up of a cylindrical wall 14 and a flat end 15. These elements may be made of any suitable material;

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one that cannot be attacked or corroded by the moth-repellent mass which is to be placed into the container. The closure portion of the container may be held in operative position on the body portion by any preferred means. In the case illustrated in the drawings, the body portion has attached to the inner face of its cylindrical wall lugs 16, which project a substantial distance beyond the open end of said portion and are adapted to bear against the inner face of the cylindrical wall of the closure portion, retaining the latter by friction on said body portion. Means are provided for suspending the container. The suspending element herein disclosed is in the form of a hook 17, which may be attached to or made integral with the body portion 10.

In the flat ends 13 and 15 of the body and closure portions 10 and 11, respectively, are formed apertures 18 and 19, respectively. The apertures of the two portions of the container are adapted to be brought into registering positions.

The moth-repellent cake, denoted by the numeral 20, is disk-shaped to fit the container above described, and has formed therein openings 21, capable of coinciding with the apertures in the two portions of the container. The cake is provided with a, preferably, transparent sealing wrapper 22, that is impervious to air. "Cellophane" is especially suited, for the purposes of the present invention, as a wrapping material.

In order to place the cake into the container, the two elements of the latter are first taken apart. The cake, enclosed in its wrapper, is then placed into the body portion 10 with its openings 21 in registering positions with the apertures 18 in said body portion. Finally, the closure portion 11 of the container is assembled with the body portion 10 and cake 20, the apertures 19 in the closure portion being caused to register with the openings 21 and apertures 18 in the cake and body portion, respectively. The cake wrapper being transparent, registration of said apertures and openings may be conveniently effected.

After the elements have been assembled, a pointed instrument, for instance a pencil, is thrust through the registering apertures and openings of the implement, the cake wrapper being ruptured by these operations, whereby the moth-repellent material is exposed to the action of air, the material thus being caused to evaporate. The vapors escape into and fill the closed space in which the device is mounted.

It is obvious that, while herein a container of

a specific type and shape has been disclosed, others may be made use of without departing from the invention, which lies mainly in the provision of a closed container and a moth-repellent cake within a sealing wrapper fitted into said container, the cake and container being provided with holes adapted to be brought into registering positions, whereby the wrapper may be pierced by a suitable instrument after the elements of the device have been assembled.

What I claim is:

An article of manufacture for repelling moths, comprising a container including a body portion and a closure portion, said portions having registering apertures, and a cake of moth-repellent material enclosed in a sealing wrapper which is impervious to air fitted into said container, said cake being provided with openings in alignment with said apertures, whereby said wrapper is adapted to be ruptured by an instrument thrust through said registering apertures and openings to expose the moth-repellent material to the action of the surrounding air.

DAVID BRODY.

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The following references are of record in the file of this patent:

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