

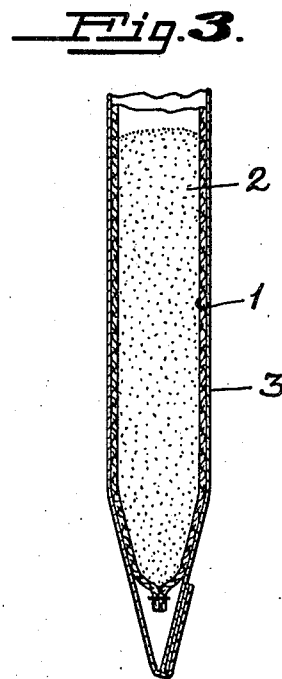
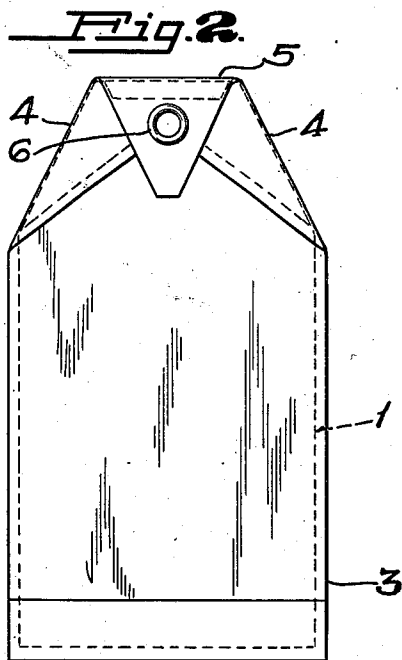
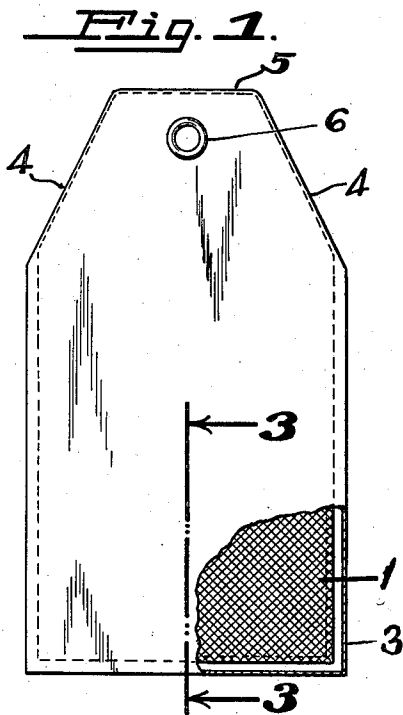
May 23, 1944.

S. H. NIELSEN

2,349,672

PACKAGE

Filed Oct. 11, 1943



INVENTOR,
Svend H. Nielsen
BY
J. E. Trabucco
ATTORNEY.

UNITED STATES PATENT OFFICE

2,349,672

PACKAGE

Svend H. Nielsen, San Francisco, Calif.

Application October 11, 1943, Serial No. 505,869

2 Claims. (Cl. 299—24)

This invention relates to an improved package for evaporable or other materials of the type which undergo a change when exposed to the air.

My invention provides an improved package for evaporable or other similar materials, having a novel construction comprising an inner porous container for holding the material, and an outer imperforate envelope which normally prevents the outer air from contacting the material but which may be torn away when desired, to expose the contents of the inner container to the outer atmosphere and thereby permit its evaporation.

Another object of the present invention is to provide an improved package for naphthalene crystals or other similar material used as a preventive for moths, comprising an inner porous bag containing the material, an outer imperforate bag or envelope for normally preventing the outer atmosphere from contacting the material, but which may be torn away when the material is to be exposed to the outer atmosphere and allowed to release its vapors, and common suspension and closing means for the bags.

Other and further objects of my invention will be pointed out hereinafter, or will be indicated in the appended claims, or will be obvious to one skilled in the art upon an understanding of the present disclosure. For the purpose of this application, I have elected to show herein certain forms and details of a package representative of my invention; it is to be understood, however, that the embodiment of my invention herein shown and described is for the purpose of illustration only, and that therefore it is not to be regarded as exhaustive of the variations of the invention, nor is it to be given an interpretation such as might have the effect of limiting the claims, short of the true and most comprehensive scope of the invention in the art.

In the accompanying drawing:

Fig. 1 is a front view of a package embodying the preferred principles of my invention, showing a part of the outer envelope torn away;

Fig. 2 is a rear view of the same; and

Fig. 3 is an enlarged sectional view taken on the line 3—3 of Fig. 1.

Referring to the drawing, the numeral 1 designates an inner porous bag or container of suitable shape and size, made preferably from a coarsely woven cloth. Supported in the inner bag 1 is a quantity of evaporable material 2 such as naphthalene crystals, which when exposed to the outer atmosphere slowly evaporates and releases a vapor. The interstices between the woven fibers of the bag are of such a size that the particles, as such, comprising the material 2 will not normally pass therethrough.

The inner bag 1 is positioned inside a somewhat larger outer imperforate envelope or bag 3, made preferably from waxed paper, Cellophane or other suitable material which normally prevents the passage of air therethrough. The upper ends of the bags are closed by folding their corners inwardly at 4 and then downwardly at 5. The overlapping folded upper portions of the bags are secured in place as by a clamping eyelet 6 which serves the additional purpose of providing convenient means for suspending the device from a hook or other suitable supporting member.

The bottom edges of the inner bag 1 and the outer bag or envelope 3 are preferably spaced one from the other, thereby enabling a person to conveniently tear or cut the lower portion of the outer bag away to expose the material 2 held in the inner bag to the outer atmosphere.

The evaporable material 2 held in the inner bag 1 will keep indefinitely without evaporating to any appreciable extent provided the outer bag or envelope 3 is not torn, cut or otherwise perforated. When the device is to be used as a moth preventive, the outer bag 3 is suitably torn or cut away to permit the outer air to contact the material 2 and thereby commence the process of evaporation by which the odorous vapors are slowly released and allowed to permeate the surrounding area. The device may then be conveniently hung by means of the eyelet 6 in a suitable position within an enclosed area which is to be kept free of moths. The eyelet 6 provides common means for securely maintaining the upper ends of the inner and outer bags 1 and 3 in closed positions and for suspending them from a hook or other suitable support. When the outer bag is torn or cut away at its bottom side to expose the contents 2 of the inner bag to the outer atmosphere and thereby permit the evaporation to commence, the said inner bag will remain suspended from its support without danger of its contents becoming dislocated or lost. The suspended position of the inner bag while the evaporation of the material 2 is taking place, permits the process of evaporation to be controlled. By exposing only the lower area of the body of material 2 to the air admitted through the lower open end of the outer bag, the bottom particles only are allowed to evaporate, and as these are dissipated by evaporation, those particles next above are allowed to drop downwardly and be successively contacted by the outer air. Also by having the bags suspended from a common sup-

port, the outer bag may be torn or cut away to a greater or less extent to permit the evaporation of the body of material 2 to proceed at a faster or slower rate, while at the same time the inner bag and its contents are securely supported in a position where the effective results of evaporation can be productive of the best results.

It is to be understood that the inner and outer bags may embody any suitable size and shape, and that the particular manner of closing the upper ends thereof may be embodied in other forms.

Having described my invention, what I claim is:

1. A package for the purpose described comprising an inner porous bag for holding an evaporable material and an imperforate envelope enclosing the inner bag, the said bag and envelope being closed at their upper sides and fastened together by common securing means whereby the inner bag and its contents may be supported from

a common support along with the envelope or independently of the envelope if the latter be entirely removed from its normal position enclosing the inner bag.

2. In a package for the purpose described, an inner porous bag for holding an evaporable material, an outer imperforate bag enclosing the inner bag and arranged to normally prevent the release of vapors resulting from the evaporation of the material, the said outer bag being capable of being opened to expose the material in the inner bag to the outer atmosphere and allow the vapors resulting from the evaporation of the material to escape, and common means fastening the upper ends of the bags together, the said means being constructed and arranged to engage with a supporting member when the package is to be suspended in an enclosure.

SVEND H. NIELSEN.