H. MOCK.

METHOD OF PACKAGING ARTICLES.

APPLICATION FILED OCT. 15, 1921.

1,434,397. Patented Nov. 7, 1922.

Fig:1.

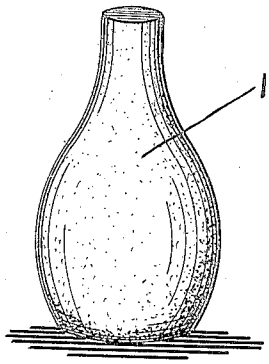


Fig:2.

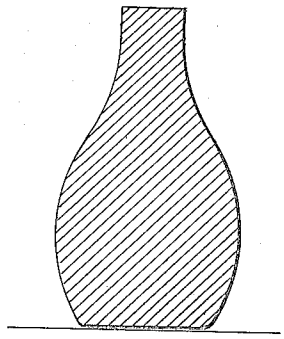


Fig:3.

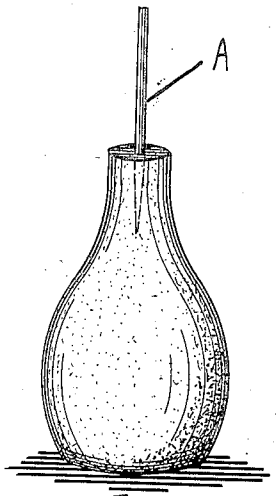


Fig:4.

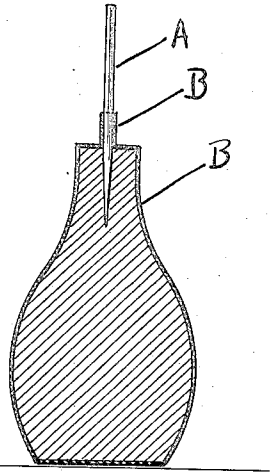


Fig:5.

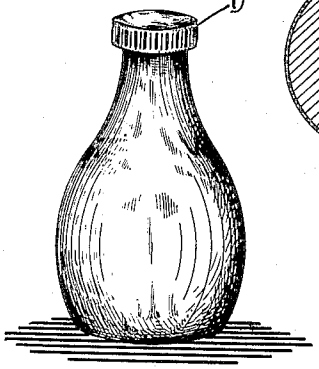


Fig:7.

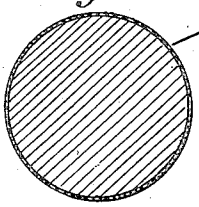


Fig:6.

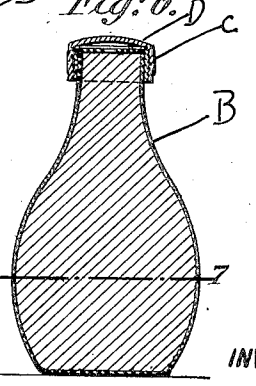


Fig:8.



Fig:9.



Hugo Mock

INVENTOR

Patented Nov. 7, 1922. 1,434,397

UNITED STATES PATENT OFFICE.

HUGO MOCK, OF NEW YORK, N. Y.

METHOD OF PACKAGING ARTICLES.

Application filed October 15, 1921. Serial No. 508,040.

To all whom it may concern:

Be it known that I, HUGO MOCK, a citizen of the United States, residing at 930 St. Nicholas Avenue, New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Methods of Packing Articles, of which the following is a specification.

This invention relates to improvements in packing articles and more particularly to a method of packaging paste materials such is library paste, dentifrices, putty, shoe polish and other semi-solid materials.

It has more particularly for its object to provide a new and economical method for packing paste materials so that they will keep in good condition for an indefinite period.

I mold the material to be packed by cooling same until it can be adequately molded, then dip the mold into a liquid waterproofing material such as a rubber cement or a waterproofing material which has been liquefied by heat and then provide the mold with means so that the paste material can be properly extruded from the film of waterproof material surrounding the same.

In the drawings, Figure 1 represents a paste material which has been cooled and then molded into the form shown.

Figure 2 is a cross section of Figure 1.

Figure 3 shows the molded material before dipping with a wooden handle in the neck thereof to facilitate handling.

Figure 4 shows the mold after it has been dipped and has been provided with a waterproof coating or film B.

Figure 5 shows the addition of a collar C and a cap D, which has been attached to the neck of the mold after the handle A has been removed, the collar and cap being more adequately shown in Figures 8 and 9.

Figure 6 is a cross section of the article shown in Figure 5.

Figure 7 is a cross section of the molded material after it has been coated with the waterproofing film B.

The mold 1 is cooled sufficiently so that it will keep its shape during the operation of providing it with a waterproofing film. This waterproofing film should be of sufficient thickness so as to be air-tight and water-tight and also so as to be proof against abrasion by handling.

In certain instances, it is desirable before dipping the material, to wrap the mold in a layer of thin paper which may also act as a label where the waterproof coating is transparent. This paper layer also acts as a reinforcement for the waterproofing film.

Having thus described my invention, what I claim is:—

1. A method of packaging paste materials by freezing the material into solid form and dipping same into a waterproof liquid so as to leave a waterproof film around the article.

2. A method of packaging paste material by freezing the material to be packed, molding same into a desired shape while in the frozen condition, and surrounding same with a film of waterproof material while in the frozen condition.

3. The method of packaging paste material by cooling the material, molding same into a desired form while in the cooled condition, reinforcing the outer surface of the article with a layer of paper and then surrounding the article including said reinforcement with a film of waterproof liquid.

4. A method of packaging materials by cooling the material, molding the material into a desired form, adding a collar to said mold through which the material may be extruded and surrounding the mold with a layer of waterproof material.

5. An article normally liquid or semi-liquid having a layer of waterproof material surrounding the same which acts as the container for said article, said waterproofing material being applied to said liquid or semi-liquid while in a solid condition.

In testimony whereof I hereunto affix my signature.

HUGO MOCK.