

Nov. 9, 1937.

H. B. LERMER

2,098,751

CONTAINER

Filed Oct. 13, 1936

Fig. 1

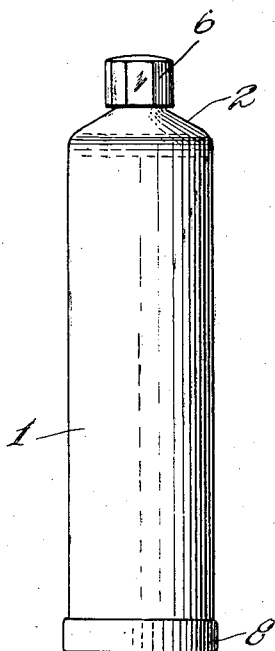
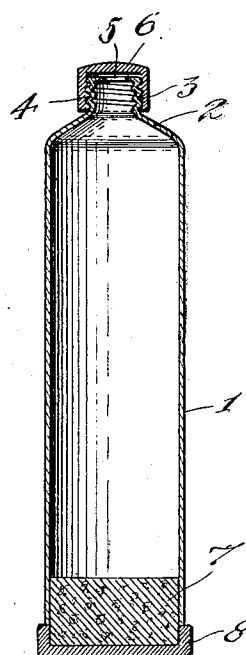


Fig. 2



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UNITED STATES PATENT OFFICE

2,098,751

CONTAINER

Herman B. Lermer, Newark, N. J., assignor, by
mesne assignments, to Joseph Lermer, Herman
B. Lermer, and Irving S. Lermer, copartners
doing business as Hygienic Tube & Container
Company

Application October 13, 1936, Serial No. 105,356

2 Claims. (Cl. 221--60)

This invention relates to improvements in containers for dispensing powders, liquids, pastes, creams and similar material.

Talcum powder, creams, pastes, etc. at the present are generally furnished to the consumer in metal containers which are discarded after the contents thereof have been consumed. In the case of talcum and other powders, these containers are objectionable, in that an appreciable amount of the powder is wasted during the applying of the powder to the body. The average person is not so much concerned with the amount of powder that is wasted; but is very much concerned with the effect the waste powder has upon garments and other articles to which it is not desired to apply the powder. For example, women use powder puffs to apply powder to various parts of the body and during the application of the powder by means of the powder puff a considerable amount of the powder is distributed elsewhere and falls upon articles of clothing and forms a source of annoyance. In hospitals it is often necessary to apply certain medicated powders to wounds and the like and these powders must be confined to the particular locality in which their effect is desired. Accordingly, the usual container or method of applying powders cannot be used in such circumstances.

It is, therefore, an object of this invention to provide a container by means of which powders and other substances can be applied to wounds, various parts of the body, or in any circumstance, to a definite locality, without the incident waste of powder or the annoying effect of powder being scattered upon articles of clothing or the like.

It is a further object of the invention to provide a container of simple and relatively inexpensive structure which can be readily and conveniently refilled from time to time.

These and other advantageous objects, which will later appear are accomplished by the simple and practical construction and arrangement of parts hereinafter described and exhibited in the accompanying drawing, forming part hereof, and in which:

Fig. 1 is an elevational view of a container embodying my invention, and

Fig. 2 is a sectional view of said container.

Referring to the drawing, the container is shown to comprise a tube 1, preferably made of transparent, flexible, non-breakable material, such as pyroxylin or other materials made from nitrate cellulose, cellulose acetate; however, the tube may be made from other materials without departing from the scope of my invention.

The tube 1 has a main body portion which is open at the bottom thereof and connected to a tapering neck 2 which is provided with a tip 3. The tip 3 is externally threaded as shown at 4 and is substantially closed except for a small orifice 5. However, it should be noted that the orifice 5 can be as wide as possible, if desired. In the case where powder is used it is preferable that the orifice 5 be restricted; but when the tube is used for dispensing paste, creams or the like, naturally it is desirable that the orifice 5 be enlarged. The tip 3 is covered by means of a cap 6 which is internally threaded to engage the threads 4.

The tube is closed at the lower end thereof by means of a cork 7 which is attached to a wooden base 8. The wooden base 8, under certain circumstances can be dispensed with, but in general use it improves the general appearance of the container and lends stability to the cork, providing a base by means of which the container can be supported in an upright position. While I have described the closure 7 as being made of cork, obviously it can be made of other substances and accomplish substantially the same result. From the above description it will be seen that I have provided a simple and inexpensive device for dispensing powders, creams, liquids, pastes and the like.

In operation, the cap 6 is screwed onto the tip 3 and the closure 7 is removed after which the tube 1 is filled with the substance designed to be dispensed. The cork 7 is then inserted into the tube and when it is desired to use the contents of the tube, for example, powder, the cap 6 is removed and the contents are dispensed by squeezing the tube. The tube 1 being made of a cellulose compound, is collapsible and returns to its normal shape when pressure is relieved. By pressing on the tube the powder can be accurately directed to the particular locality to which it is desired to be applied. In the case of creams, the collapsing feature of the tube enables creams to be dispensed in the proper quantity without waste. Due to the transparency of the tube 1, the contents thereof are constantly visible and it can be readily ascertained when it is necessary to refill the tube.

This device has been found highly desirable in hospitals as well as in boudoirs. In hospitals it is used for dispensing medicated powders to wounds. In the dressing room, barber shops, etc. it obviously is a distinct advantage over the old method of applying powders to the body, such as using a powder puff or a brush.

The foregoing disclosure is to be regarded as descriptive and illustrative only, and not as restrictive or limitative of the invention, of which obviously an embodiment may be considered including many modifications, without departing from the spirit and scope of the invention set forth in the appended claims.

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

1. A container for dispensing powders, creams and the like, comprising a tube made from a transparent, flexible, non-breakable collapsible material, said tube being open at one end and having the other end thereof reduced to provide an externally threaded tip having an orifice therein, and a plug closing the bottom of the tube, said plug having attached thereto a base enabling the tube to be supported in an upright

position, said base having a diameter greater than the diameter of the plug and provided with upstanding flanges adapted to engage the lower edge of the tube.

2. A container for dispensing powders, creams and the like, comprising a tube made from a transparent, flexible, non-breakable collapsible material, said tube being open at one end and having the other end thereof reduced to provide an externally threaded tip having an orifice therein, and a cork plug closing the bottom of the tube, said plug having a wooden base attached thereto to enable the tube to be supported in an upright position, said base having a diameter greater than the diameter of the plug and provided with upstanding flanges adapted to engage the lower edge of the tube.

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