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L. H. BRODRICK

CONTAINER

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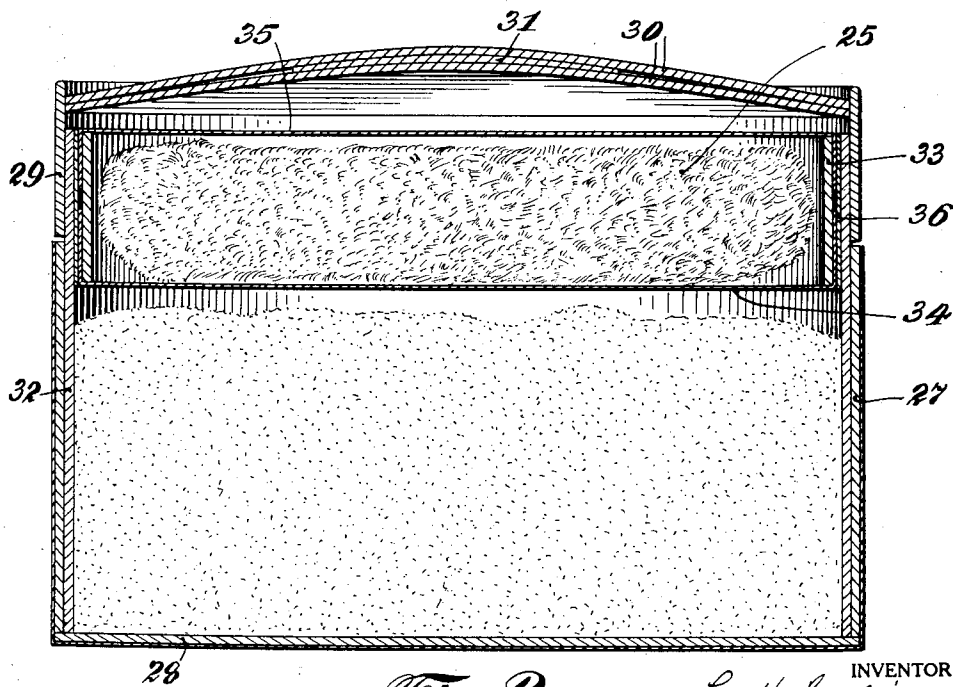
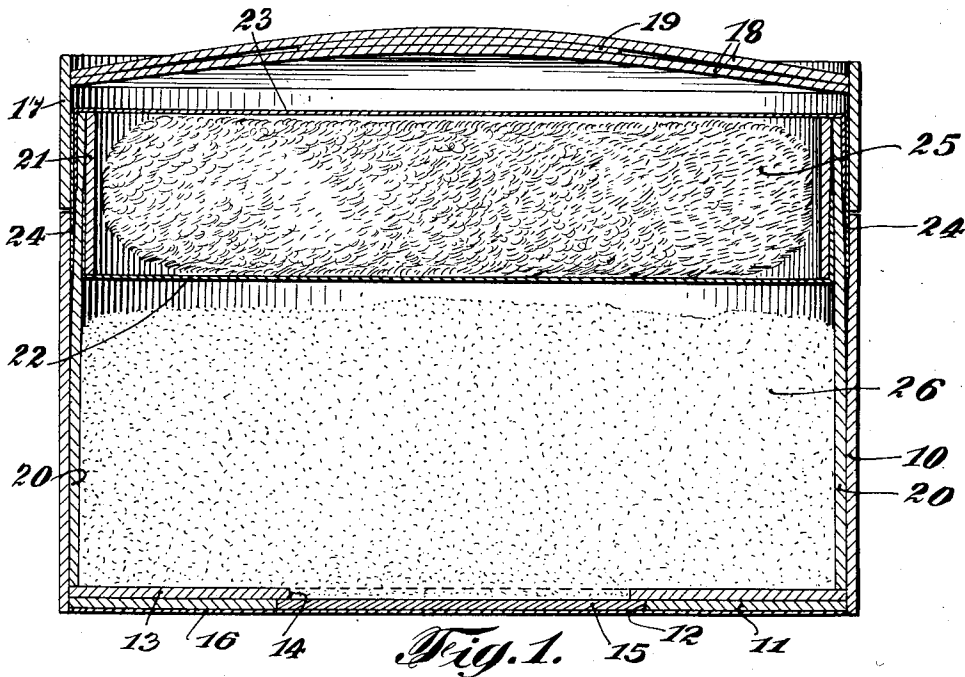


Fig. 2.

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CONTAINER.

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My invention relates to containers and refers particularly to containers suitable for the hygienic protection of face powders.

Containers adapted for containing powders to be applied to the human skin, as for instance, face powders, talcum powders, body powders and similar products, should be hermetically sealed in order to protect the powder from contamination, preserve it in a dry condition, and protect it from leakage.

In addition, such containers should be of economic construction and so formed that the introduction of the powder therein and the sealing of the package will require a minimum of operations.

Further, as a powder puff is essential in the application of such powders, the container should be so constructed as to carry a powder puff in a similarly air tight and hygienic compartment.

In addition to the above requirements, the powder puff and the powder must be ready of access by the user.

The above mentioned, and other advantageous features are incident to the container of my invention.

Various means have been employed for the production of containers of this character for the retention of a powder mass and a powder puff within one container, but their manufacture has been difficult and expensive due to the elements employed in their construction. Another serious objection to the generally employed containers is the large number of operations incident to their filling and sealing, and this latter property is of the greatest importance to the powder manufacturer or dealer, who is desirous of marketing his products in a container of the described character.

The containers are manufactured and sold in an empty condition to the powder merchant and the latter introduces the powder and seals the package. It is evident, therefore, that a reduction of operations necessary in filling and sealing is of the greatest importance to the powder merchant.

In the preferred form of the device of my invention as detailed later, the operations of filling and sealing consist of introducing the powder into the container, applying a closure disc and affixing a sealing paper.

In the modified form of my device, as detailed later, the operations of filling and

sealing consist in introducing the powder into the container, introducing a powder puff into the puff receptacle affixing a cover to the puff receptacle and inserting the puff receptacle into the container.

It is to be noted that in the device of my invention, a powder mass and a powder puff are enclosed in separate air proof hermetically sealed chambers combined into one device, the puff and powder being readily obtained for powder application and that the container cover is not a part of either sealed chamber, thus allowing the removal of the cover without destroying the hygienic protection of the receptacle contents.

An examination of the accompanying drawings will clearly indicate the economy of material incident to the manufacture of my device with the consequent maintenance of low labor cost.

In the accompanying drawings illustrating modified forms of my device, similar parts are designated by similar numerals.

Figure 1 is a vertical cross-section of one form of a device of my invention.

Figure 2 is a vertical cross-section of a modified form of a device of my invention.

The particular form of the device of my invention shown in Figure 1, comprises a bottom member having the annular side 10 and the affixed bottom 11 in the latter of which is an annular opening 12. An interior bottom 13 is fastened to the bottom 11 and has an annular opening 14 therein, which opening is somewhat smaller than the opening 12 of the bottom 11. A circular closure disc 15 is positioned as shown and an annular piece of paper 16 is glued, or otherwise fastened, to the bottom 11, thus maintaining the disc 15 in position and serving as an additional means for obtaining a dust proof bottom.

A cover comprises the annular side 17, capable of placement upon the upper edge of the side 10, and a top composed of the two dome-shaped members 18, 18 between which is an annular reenforcing member 19.

An interior annular side member 20 is positioned within the side member 10 and glued thereto.

Positioned within the upper portion of the side member 20 is an annular member 21, carrying an annular sheet of paper 22, the edges of which are turned up and placed between the annular member 21 and the interior side member 20. The upper open-

ing of the container thus formed is covered by means of an annular sheet of cellophane 23, or other suitable material, frequently transparent, the edges of which are bent downwardly over the interior side member 20. A piece of heavy paper 24 is positioned between the side 20 and the cellophane 23. The side 10, the paper 24, the side 20, the cellophane 23, the paper 22 and the annular member 21 are glued together in the positions shown in Figure 1. Before positioning the cellophane 23 and before the gluing together of the parts indicated, a powder puff 25 is placed within the receptacle.

This form of device as delivered by the container manufacturer to the powder merchant is as indicated in Figure 1 with the exception that it contains no face powder 26, and the paper 16 and the disc 15 are not attached. All that the powder manufacturer has to do, therefore, is to introduce the powder 26 through the openings 12 and 14, place the disc 15 and affix the paper 16.

The device thus constructed presents a dust-proof, air-proof, hygienic container containing face powder and a powder puff, the latter being visually exposed for purposes of attractiveness.

In use, the cellophane cover 23 is broken, thus giving access to the powder puff 25, and the paper 22 is broken to gain access to the powder 26.

The modified form of my device illustrated in Figure 2 is adapted for use where the powder manufacturer is desirous of placing his own powder puff within the device.

This form of device comprises a bottom, having the annular side 27 and the affixed bottom 28. A cover comprises the annular member 29 capable of abutment upon the side 27 and having a top comprising the two dome-shaped annular members 30, 30 and the reenforcing member 31.

Within the side 27, and fastened thereto, is an interior side 32.

The powder puff chamber comprises the annular member 33, across the bottom of which is an annular paper member 34 extending around the outer face of the member 33 and glued thereto.

The device as thus presented to the powder manufacturer is a container having the

cardboard side 33 and the paper bottom 34. A powder puff 25 can be placed within this container, and a cellophane, or similar top 35 be placed thereon, extending around the outer face of the member 33 and glued thereto. A piece of paper 36 is placed around the device and glued thereto.

The powder puff container thus formed is of such size as to form a tight telescopic fit within the side 32 or it can be glued thereto.

In this modified form, the powder 26 is placed in the bottom member and the powder puff container inserted within the upper portion as shown in the drawing.

I do not limit myself to the particular size, shape, number, material or arrangement of parts as shown and described, as these are given simply as a means for clearly describing the container of my invention.

What I claim is:—

1. In a container of the character described, in combination, a powder container and having an opening in the bottom thereof, a powder puff receptacle having an imperforate bottom carried by the inner walls of the powder container, a fixedly attached separate imperforate friable top to the puff receptacle, an exterior casing for the powder container having an opening therein in alignment with the powder container bottom opening, a closure member for the casing opening and a cover for the device.

2. In a container of the character described, in combination, a powder container having an opening in the bottom thereof, a powder puff receptacle having an imperforate bottom carried by the inner walls of the powder container, a separate imperforate friable top to the puff receptacle attached to the side wall of the powder container, an exterior casing for the powder container having an opening therein in alignment with the powder container bottom opening, a closure member for the casing opening and a cover for the device.

Signed at New York city in the county of New York and State of New York this 16th day of December, 1924.

LEO H. BRODRICK.