Nov. 15, 1938. G. BALLON 2,137,125

POWDER PUFF

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Fig. 1.

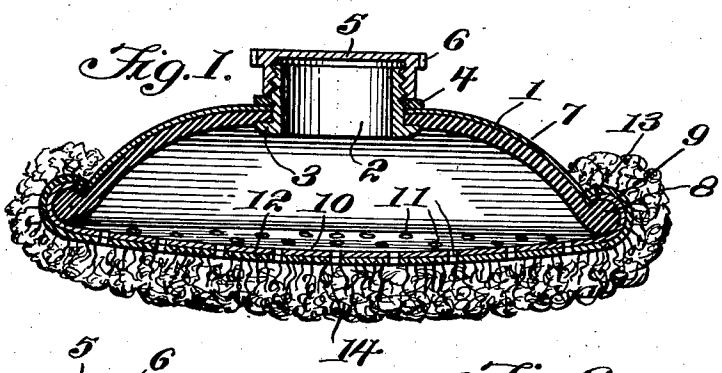

Fig. 3.

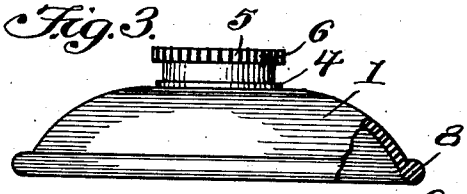

Fig. 4.

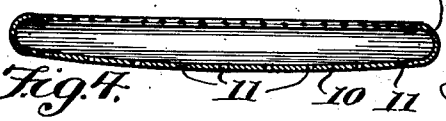

Fig. 2.

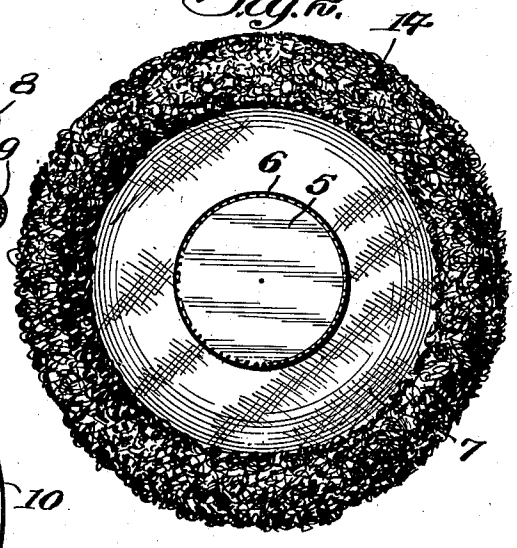

Fig. 5.

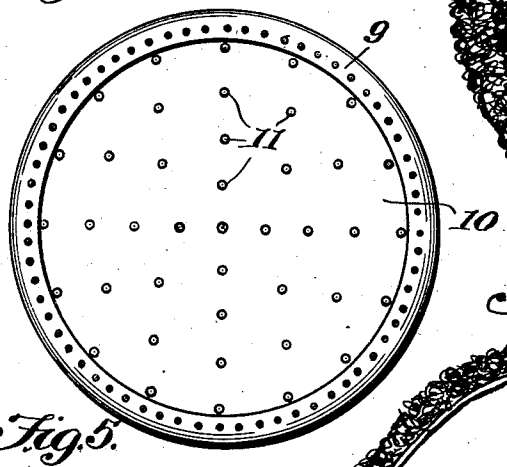

Fig. 6.

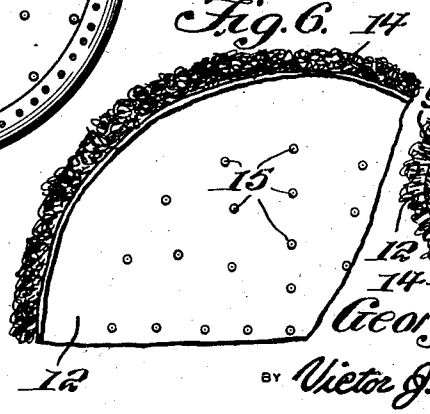

Fig. 7.

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POWDER PUFF

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Fig. 8.

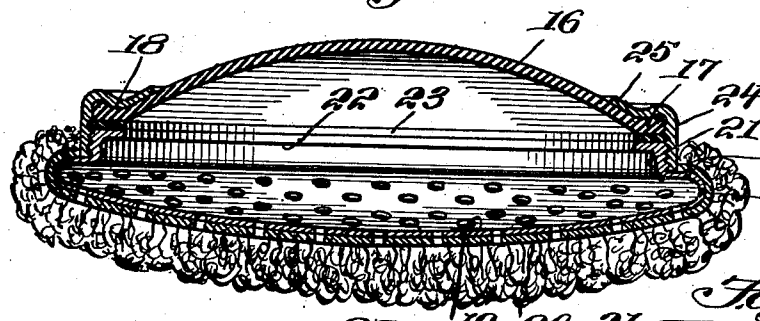


Fig. 9.

Fig. 10.

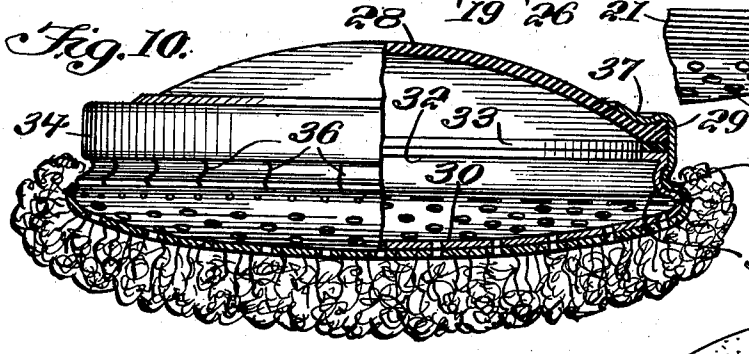


Fig. 11.

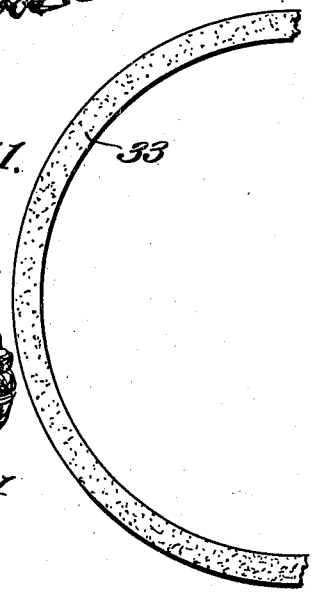
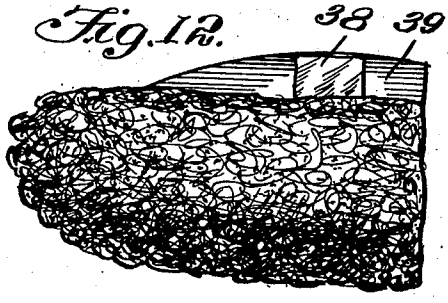


Fig. 12.



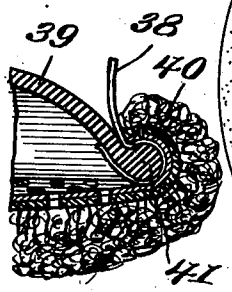


Fig. 13.

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Patented Nov. 15, 1938 2,137,125

UNITED STATES PATENT OFFICE

2,137,125

POWDER PUFF

George Ballon, Holland, N. Y.

Application September 7, 1937, Serial No. 162,755

8 Claims. (Cl. 132—78.5)

This invention relates to powder puffs, and its general object is to provide a magazine puff in which an ample reserve supply of powder can be housed to be used when required, and can be readily disposed on the applicator when pressure is applied to the body of the puff.

A further object is to provide a magazine powder puff that includes a body, an applicator and an applicator mounting means, the latter being detachably secured to the body in a manner whereby the body and mounting means can be readily separated for cleaning, or filling the puff but casual removal or displacement thereof is practically impossible.

Another object is to provide a magazine powder puff, in which the applicator is made from sheep's wool, including the skin, in that such wool is capable of being saturated with a maximum amount of powder which can be readily removed therefrom when patted in the usual manner.

A still further object is to provide a powder puff of the character set forth, that is simple in construction, inexpensive to manufacture, and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a vertical sectional view taken through one form of the powder puff which forms the subject matter of the present invention.

Figure 2 is a top plan view thereof.

Figure 3 is a view partly in section of the body of the puff.

Figure 4 is a vertical sectional view taken through the applicator mounting member.

Figure 5 is a plan view of the applicator mounting member.

Figure 6 is a fragmentary detail view of the applicator.

Figure 7 is a sectional view illustrating the manner of applying the applicator mounting member to the body.

Figure 8 is a vertical sectional view taken through a modified form of my powder puff.

Figure 9 is a view illustrating a fragmentary portion of the applicator mounting member of the form as shown in Figure 8.

Figure 10 is a view partly in section of another form.

Figure 11 is a view illustrating a fragmentary portion of a washer or gasket for the forms shown in Figures 8 to 10 inclusive.

Figure 12 is a fragmentary side elevation of a further modified form.

Figure 13 is a sectional view illustrating a fragmentary portion of the form shown in Figure 12.

Referring to the drawings in detail, and particularly the form of powder puff as shown in Figures 1 to 7 inclusive, the reference numeral 1 indicates the body of the puff, which is preferably made from rubber into inverted dish shaped formation, and in the form referred to, an opening is arranged in the upper portion of the body to receive a threaded nipple 2 providing an inlet for the powder. The nipple is held fixed in the opening by an annular flange 3 formed with the inner edge of the nipple and a ring nut 4 is threaded on the nipple to cooperate with the flange for setting up a binding engagement with the body about the opening, as clearly shown in Figure 1. A cap 5 is threadedly mounted on the nipple for closing the inlet.

The cap is preferably provided with an annular serrated flange 6 about the upper edge thereof to facilitate its application and removal as will be apparent. The body may be painted or otherwise decorated to add to the ornamentality of the puff, but I have illustrated a covering 7 therefor, of fabric or other suitable material. In any event, the body is provided with an annular bead 8 about the lower edge thereof and which as shown is round in cross section for the purpose of being received in a channel groove for fitting association therewith, and which is provided by the inwardly curved annular flange 9 formed on and disposed about a substantially disk shaped applicator mounting member 10, which as best shown in Figure 4 is concavo-convex in formation and has a plurality of openings 11 therein providing powder passages as will be apparent.

The applicator mounting member is preferably made from metal and disposed about the flange 9 thereof adjacent to its inner edge is a plurality of openings for the purpose of attaching the applicator 12 thereto, by stitching 13 or other suitable securing means, it being noted that the applicator covers the mounting member and is shown as being a portion of skin, preferably sheep's skin having the wool 14 thereon. However, a portion of material similar to skin may be used for that purpose, with a mass of fabric

material similar to wool, secured thereto. In any event, the said portion of skin or other material is provided with openings 15 registering with the openings 11 in the mounting member.

In Figures 8 and 9, I have illustrated a modified form of my powder puff which likewise includes an inverted dish shaped body 16 provided with an annular bead 17 about the lower edge thereof, but in this form, the bead is flat, and it will be noted that the bead at its juncture with the body is provided with an annular depression 18 in the upper surface thereof.

The applicator mounting member is indicated by the reference numeral 19 and is also concavo-convex in formation, with an inwardly curved flanged portion 20 formed about the periphery thereof and rising from the portion 20 is an exteriorly threaded neck portion 21, the latter having an inwardly directed portion 22 formed thereon, and which provides a seat for a gasket or washer 23 to receive the flat bead 17 of the body, thereby providing a leakproof connection between the body and the applicator mounting member, as will be apparent.

The applicator mounting member is secured to the body by a retainer ring which includes an interiorly threaded collar portion 24 to be threadedly mounted on the portion 21, and the ring includes a curved flange 25 shaped to fit the annular depression 18, as clearly shown in Figure 8.

The applicator mounting member 19 is also provided with a plurality of openings for the purpose of attaching the applicator 26 thereto by stitching 27 or other suitable securing means, and the applicator likewise has wool attached thereto and perforated or provided with openings to register with perforations in the applicator mounting member.

In the form as shown in Figure 10, the puff includes a body 28 similar to the body of the form of Figures 8 and 9, it being understood that both of the bodies are made from rubber or other suitable flexible material, and the body 28 is provided with a flat bead 29. The applicator mounting member of the form of Figure 10 is indicated by the reference numeral 30 and has an annular flange 31 formed thereon shaped to provide an outer channel therein, and an inwardly directed portion 32 is included in the flange 31 to provide a seat for the washer 33 upon which is mounted the bead 29 of the body. The retainer ring of this form includes a collar portion 34 formed at its lower end to provide an annular resilient tongue 35 which is shaped to fit the annular channel of the flange 31 and for clamping association therewith, as will be apparent. In order to facilitate the application and removal of the retainer ring with respect to the applicator mounting member 30, it will be noted that the tongue 35 is transversely slit as at 36. The retainer ring of this form is also provided with a curved flange 37 to fit within the depression of the body 28.

The remaining structure of the form of Figure 10 is similar in all respects with respect to the form of Figures 8 and 9.

The form of Figures 12 and 13 is similar in many respects with the structure of the form of Figures 1 to 7 inclusive, but the form of Figures 12 and 13 does not include an inlet means in the body thereof, and the only other difference is that I provide a strip 38 disposed transversely of the body 39 thereof and which has its ends clamped between the curved annular flange 40 of the applicator mounting member and the annular bead 41 of the body. It will be obvious that the strip 38 which is preferably a piece of ribbon facilitates the removal of the body from the applicator mounting member, and such is accomplished merely by pulling upon the strip, to draw the bead 41 from the flange 40.

From the above description and disclosure in the drawings, it will be obvious that the applicator mounting member cooperates with the body in each of the forms, to provide what may be termed a powder reservoir, and that the mounting member may be readily removed from the body for cleaning or other purposes. That feature is of extreme importance in the event the powder should become caked or the openings of the applicator or mounting member becomes clogged.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A magazine powder puff comprising a hollow compressible body having an open lower end, perforated means detachably closing the lower end and cooperating with the body to provide a powder reservoir, and powder applying means secured to the perforated means and to receive powder from the perforations.

2. A magazine powder puff comprising a hollow compressible body having an open end, concavo-convex perforated means including an annular flanged portion detachably connected to the lower end of the body and closing the same for cooperation therewith to provide a powder reservoir, and wool covered powder applying means covering the perforated means and having perforations therein registering with the perforations of the first means.

3. A magazine powder puff comprising an inverted substantially dish shaped body formed from compressible material, an annular bead surrounding the lower end of the body, a substantially disk shaped concavo-convex member having perforations therein, an annular flange formed on and surrounding the disk shaped member and curved to follow the shape of the bead for fitting association therewith for detachably securing the disk shaped member to the body for cooperation with the latter to provide a powder reservoir and powder applying means secured to the disk shaped member to receive powder from the perforations thereof.

4. A magazine powder puff comprising an inverted substantially dish shaped body formed from compressible material and having an opening in the upper end thereof, a threaded nipple secured to the body about the edge of the opening thereof, and providing an inlet, a cap for closing the inlet and threaded to the nipple, a bead surrounding the lower end of the body, a substantially disk shaped member of concavo-convex formation and having openings therein, a flange surrounding the disk shaped member and curved to follow the shape of the head for fitting association therewith for detachably securing the disk shaped member to the body for cooperation with the latter to provide a powder reservoir, powder applying means including a sheet of material secured to the disk shaped member and covering the same, said sheet of material having openings therein registering with the openings

of the disk shaped member, and powder distributing fabric secured to the sheet of material for receiving powder from the openings.

5. A magazine powder puff comprising an inverted dish shaped body formed from compressible material and having an opening in the upper end thereof, capped inlet means mounted in the opening, an annular bead formed about the lower edge of the body, a substantially disk shaped member of concavo-convex formation and having openings therein, means formed on the disk shaped member for fitting association with the bead for detachably securing the disk shaped member to the body for cooperation therewith to provide a powder reservoir, an applicator including a portion of sheep's skin secured to the disk shaped member and covering the same, said portion of skin having openings therein registering with the openings of the disk shaped member, and sheep's wool on the portion of the skin to receive powder from the openings to be saturated therewith.

6. A magazine powder puff comprising an inverted substantially dish shaped body formed from compressible material, a concavo-convex perforated member, a retainer ring securing said member to the body for cooperation therewith to provide a powder reservoir, leakproof means between the body and said member, and wool covered powder applying means covering said member and having perforations therein registering with the perforations of said member.

7. A magazine powder puff comprising an inverted substantially dish shaped body formed from compressible material, an annular bead surrounding the lower end of the body, a substantially disk shaped concavo-convex member having perforations therein, threaded means formed on and rising from said member, said bead having an annular depression in the upper surface thereof at its juncture with the body, a retainer ring including a threaded portion threaded to the threaded means and including means mounted in the depression for securing said member to the body for cooperation with the latter to provide a powder receiving reservoir, means between the head and said threaded means to provide a leakproof connection, and powder applying means secured to said member to receive powder from the perforations thereof.

8. A magazine powder puff comprising an inverted substantially dish shaped body formed from compressible material, a substantially disk shaped concavo-convex member having perforations therein, annular channeled means formed on and rising from said member, a retainer ring including means surrounding and engageable with the body and a slit annular resilient tongue removably received in the channel for detachably securing said member to the body, leakproof means between the body and the channeled means, and powder applying means secured to and covering said member to receive powder from the perforations thereof.

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