



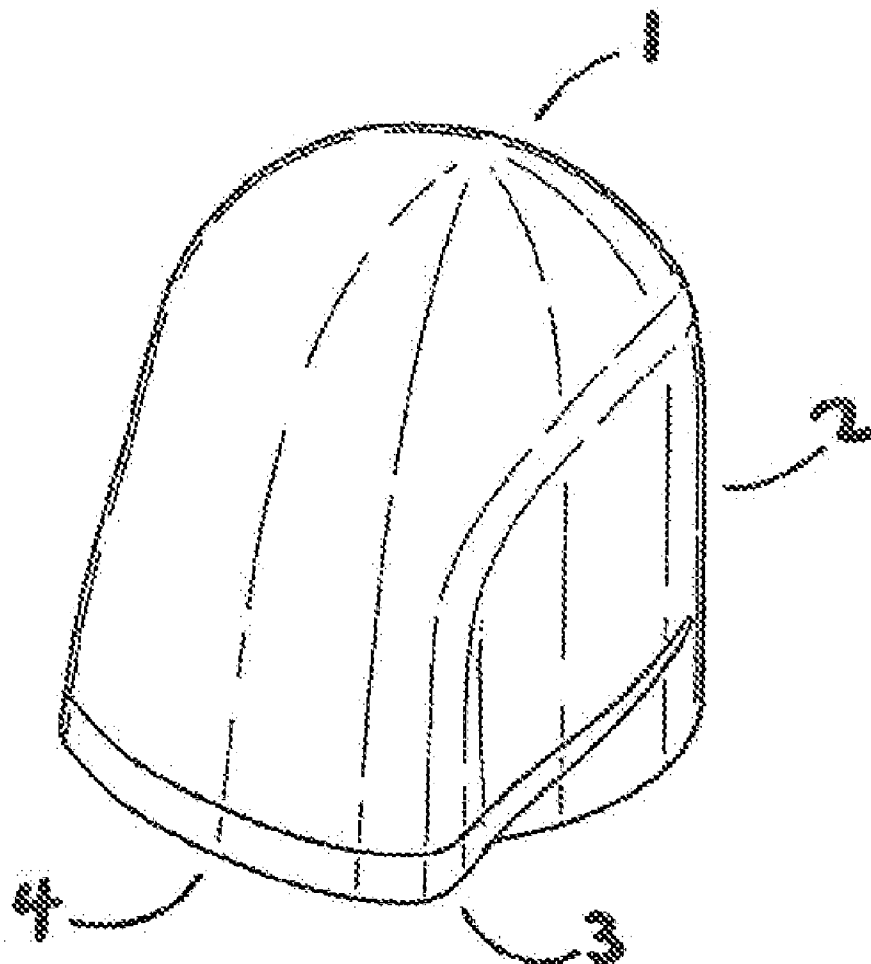
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(2), (4) Date: **Nov. 19, 2013**(57) **ABSTRACT**

A cap for a depilatory composition product container which comprises a product application surface to dispense the composition onto the skin of the user, and a product removal edge for scraping the cream from the skin of the user, such that the cap can function both as product applicator and product residue collector.



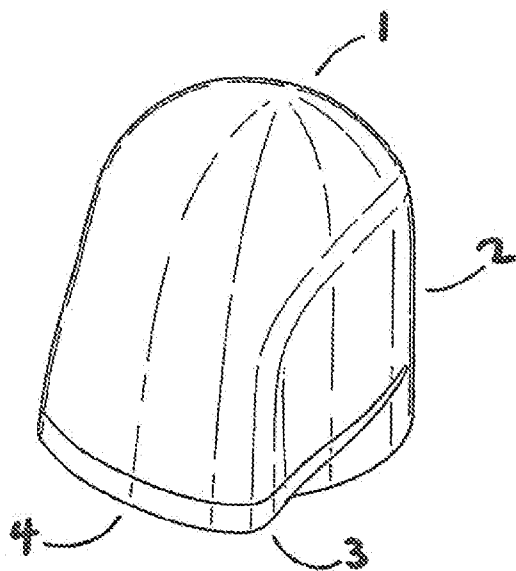


Figure 1

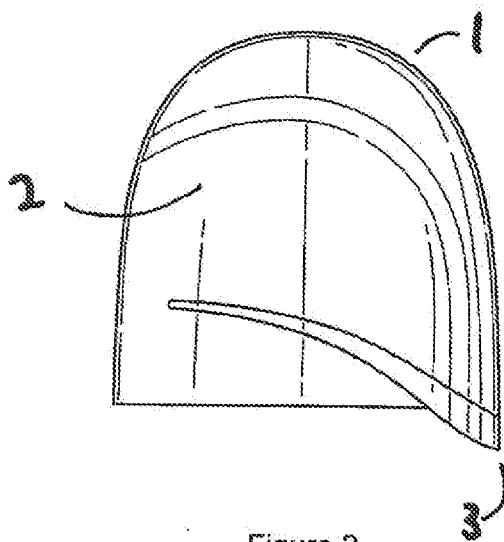


Figure 2

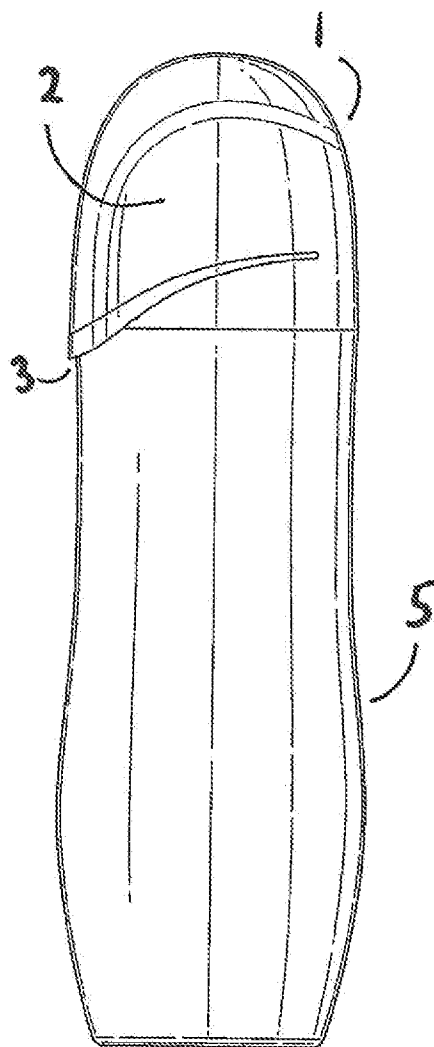


Figure 3

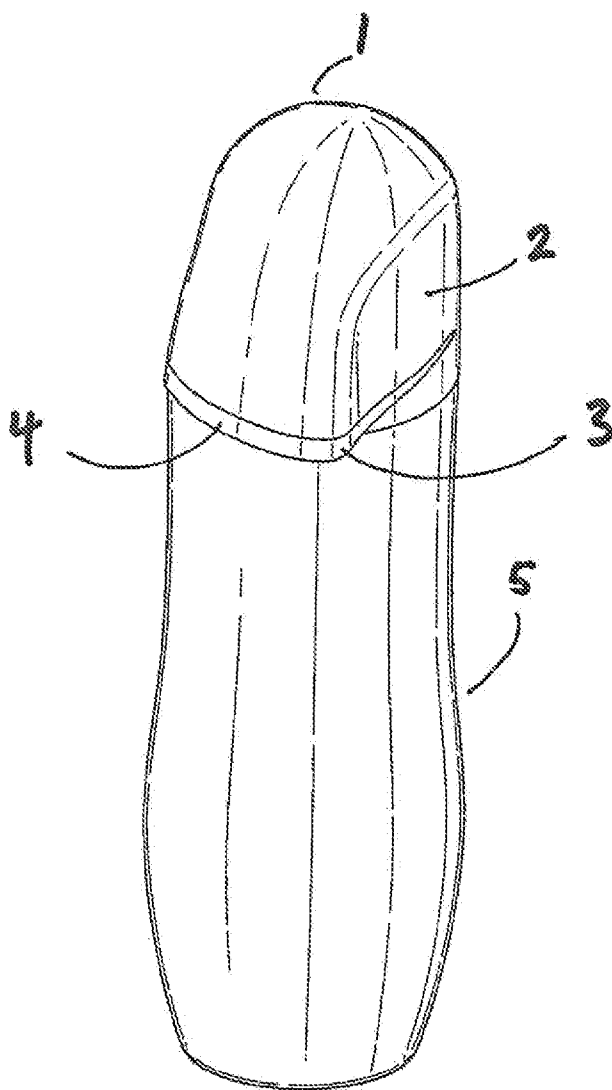


Figure 4

DISPENSER CAP

[0001] The present invention relates to a cap for a depilatory composition product container which comprises a product application surface to dispense the composition onto the skin of the user, and a product removal edge for scraping the cream from the skin of the user, such that the cap can function both as product applicator and product residue collector. Also covered is a kit for a depilatory composition, wherein the kit includes a container arranged to receive a cosmetic composition comprising a dispensing outlet for the composition; and a removable cap according to the invention wherein the cap is configured to fit over the dispensing outlet and form an integral part of the kit.

[0002] WO2007/072040 discloses a depilatory cream dispenser which comprises a sachet, which contains the depilatory cream, integrally formed with a product applicator and scraper. The product is designed for single use of a cream product and is somewhat complex in its construction, and does not properly collect the residue from the skin of the user.

[0003] WO2007/049031 discloses a cover member for a container which includes a cap portion and a leg member which has a recess adapted to receive a scraper tool. This is a multiple use device but requires separation of the scraper from the cap and also does not properly collect the residue from the skin of the user.

[0004] In a first embodiment of the present invention, there is described a cap for a depilatory composition product container which comprises a product application surface to dispense the composition onto the skin of the user, and a product removal edge for scraping the cream from the skin of the user, such that the cap can function both as product applicator and product residue collector.

[0005] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described which is hemispherical.

[0006] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described which includes one or more internal protrusions arranged to releasably engage the cover member with a container.

[0007] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the internal protrusions are arranged in a radial orientation extending inwardly from an outer edge of the cap portion.

[0008] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the product application surface is a planar surface.

[0009] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the product removal edge is located at the end of the product application surface.

[0010] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the product removal edge comprises a material of greater flexibility than the remainder of the cap.

[0011] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the product removal edge comprises a thermoplastic elastomer material

[0012] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as

hereinbefore described wherein the product removal edge has a rounded shape/contour at each end of the edge.

[0013] In a further aspect of the first embodiment of the present invention, there is described a cap substantially as hereinbefore described wherein the product removal edge has a width of between 30 mm and 50 mm and a thickness between 0.5 mm and 1.5 mm.

[0014] In a second embodiment of the present invention, there is described a kit for a depilatory composition, wherein the kit includes:

a container arranged to receive a cosmetic composition comprising a dispensing outlet for the composition; and a removable cap according to the first embodiment of the invention as hereinbefore described; wherein the cap is configured to fit over the dispensing outlet and form an integral part of the kit.

[0015] In a further aspect of the second embodiment of the present invention, there is described a kit wherein the container is arranged to receive a depilatory composition in the form of a foam, gel or cream.

[0016] The invention will now be described in relation to the Figures below.

[0017] FIG. 1 shows a perspective view of a cap according to the present invention

[0018] FIG. 2 shows a side view of a cap according to the present invention

[0019] FIG. 3 shows a side view of a kit according to the present invention

[0020] FIG. 4 shows a perspective view of a kit according to the present invention

[0021] FIG. 5 shows a face view of a kit according to the present invention

[0022] FIGS. 1 and 2 show a hemispherical cap (1) with straightened sides (2,2'), a product removal edge (3, 4) which has a substantially straight front portion (4) and rounded edges (3). Preferably the product removal edge is formed from a different material to the cap, more preferably from a more resilient material, a particular example of which is a thermoplastic elastomer (TPE). The main part of the cap can be made from any suitable rigid material, eg plastic.

[0023] FIGS. 3 to 5 show the kit, in this case an assembly of a cap as shown in FIGS. 1 and 2 and an aerosol container (5) which contains the depilatory composition along with a suitable propellant. The aerosol container can be any suitable standard container, and may be cylindrical or curved in profile, and formed from standard materials eg aluminium or tin plate.

[0024] In use, the cap is removed, and the depilatory composition is applied to the appropriate skin area. The flat front surface of the cap can be used to spread the composition to ensure even distribution. After a period of time waiting for the composition to take effect, the cap can then be used to remove the composition from the skin using the product removal edge (4), whereupon the waste product is collected efficiently inside the cap and the cap can then easily be cleaned by a quick rinse under running water, and replaced on the container.

1. A cap for a depilatory composition product container comprising:

- a product application surface to dispense a composition onto the skin of a user, and
 - a product removal edge for scraping the composition from the skin of the user,
- wherein the cap can function both as a product applicator and a product residue collector.

2. The cap according to claim 1 comprising a hemispherical shape.

3. The cap according to claim 1 further comprising one or more internal protrusions arranged to releasably engage the cap with a container.

4. The cap according to claim 3, wherein the internal protrusions are arranged in a radial orientation extending inwardly from an outer edge of the cap.

5. The cap according to claim 1, wherein the product application surface comprises a planar surface.

6. The cap according to claim 1, wherein the product removal edge is located at the an end of the product application surface.

7. The cap according to claim 1, wherein the product removal edge comprises a material of greater flexibility than the remainder of the cap.

8. The cap according to claim 1, wherein the product removal edge comprises a resilient thermoplastic elastomer material.

9. The cap according to claim 1, wherein the product removal edge has a rounded shape/contour at each of its ends.

10. The cap according to claim 1, wherein the product removal edge has a width of between 30 mm and 50 mm and a thickness between 0.2 mm and 2.0 mm.

11. A kit for a depilatory composition comprising:

a container arranged to receive a cosmetic composition comprising a dispensing outlet for the composition; and
a the removable cap according to claim 1;
wherein the cap is configured to fit over the dispensing outlet and form an integral part of the kit.

12. The kit according to claim 11, wherein the container is arranged to receive a depilatory composition in the form selected from the group consisting of a foam, gel and cream.

13. The cap according to claim 1, wherein the composition dispensed from the product application surface is in a different form than the composition scraped by the product removal edge.

14. The cap according to claim 13, wherein the form of the composition scraped by the product removal edge comprises cream.

15. A cap for a depilatory composition product container comprising:

a product application surface to dispense a first form of a product onto the skin of a user;

a product removal edge for scraping a second form of the product from the skin of the user; and

one or more internal protrusions arranged to releasably engage the cap with a container;

wherein the cap can function both as a product applicator and a product collector;

wherein the cap comprises a hemispherical shape; and
wherein the product removal edge comprises a resilient thermoplastic elastomer material.

16. The cap according to claim 15, wherein the internal protrusions are arranged in a radial orientation extending inwardly from an outer edge of the cap.

17. The cap according to claim 15, wherein the product application surface comprises a planar surface.

18. The cap according to claim 15, wherein the product removal edge is located at an end of the product application surface.

19. The cap according to claim 15, wherein the product removal edge has a width of between 30 mm and 50 mm and a thickness between 0.2 mm and 2.0 mm.

20. The cap according to claim 15, wherein the first form of the product is different from the second form of the product.

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