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## Description

### DUAL TYPE COSMETICS CASE

#### Technical Field

- [1] The present invention relates, in general, to cosmetics cases and, more particularly, to a dual type cosmetics case, which is constructed so that different kinds (colors) of cosmetic liquids may be kept in one case.

#### Background Art

- [2] Generally, when a user applies makeup by dipping a brush into a liquid cosmetic, such as rouge, lip gloss, mascara, eyeliner, or nail polish, a cosmetics case, having a cap which is provided on the lower portion of a stem in which bristles are implanted, and a barrel which is coupled with the cap in a threaded manner, is used. When the cap is fastened to the barrel so that the stem and the bristles are held in the barrel, the cosmetics case can be conveniently carried. At the same time, when the cap is separated from the barrel, the user can apply makeup using the brush covered with the cosmetic liquid.
- [3] Among the cosmetics, two or more cosmetics are sequentially used depending on the method used for applying the makeup. In the case of applying makeup to the eyes, usually, mascara is applied to the eyes, and subsequently eyeliner is applied to the eyes. Meanwhile, in the case of applying makeup to the lips, usually, rouge is applied to the lips, and subsequently coating liquid is applied to the lips. In the case of manicuring the nails, usually, nail polish is applied to the nails, and subsequently coating liquid is applied to the nails.
- [4] Thus, for the above-mentioned makeup methods, traditionally, many cosmetics cases must be separately purchased and maintained. The many cosmetics cases require large storage space, and in addition, the space where the cases are stored becomes messy. Moreover, the purchase of many cosmetics incurs great expense.
- [5] Further, it is very complicated and difficult for a person who is beginning to learn how to apply makeup, to choose or purchase cosmetics or a makeup set, which are suitable for the type of makeup. Thus, the person may avoid applying makeup unconsciously, or may omit several steps while applying makeup.
- [6] In order to solve the problem, a lip makeup case has been proposed, which is constructed such that liquid rouge and lip gloss are injected, respectively, into two barrels, and two stems are coupled, respectively, to the upper and lower portions of a metal grip cylinder, and the barrels are fastened, respectively, to caps provided on the upper and lower portions of the grip cylinder in a threaded manner.
- [7] Such a conventional case is advantageous in that two kinds of cosmetics are

packaged in a single product, thus improving utility. However, the conventional case is problematic in that it is actually inconvenient to use.

[8] When a user applies makeup to the lips using the rouge or lip gloss, any one of the barrels is always located above the grip cylinder. Thus, it is inconvenient for the user to apply makeup while holding the grip cylinder in the user's hand.

[9] Further, while the grip cylinder is separated from a selected barrel, the barrel, which is located above the grip cylinder, may be opened by mistake, and the cosmetic liquid may leak out of the barrel.

[10] When the cosmetics are not in use and are in storage during normal times, it is difficult to erect the cosmetics case, so that the cosmetics case is laid down. In this case, after a predetermined amount of cosmetic liquid is used, each stem is not completely immersed in the corresponding cosmetic liquid, so that it is difficult to dip the stem into the cosmetic liquid.

## **Disclosure of Invention**

### **Technical Problem**

[11] Accordingly, the present invention has been made keeping in mind the above problems occurring in the prior art, and an object of the present invention is to provide a dual type cosmetics case, which is constructed so that different kinds or colors of cosmetic liquids are supported in one case to be used together, and which is always kept erected, and which allows stems immersed in two kinds of cosmetic liquids to be selectively used using one cap.

### **Technical Solution**

[12] In order to accomplish the above object, the present invention provides a dual type cosmetics case, including a barrel which is partitioned by a vertical partition wall into a plurality of cosmetic liquid storage compartments and has mouths, and a plurality of stems which are detachably mounted to the barrel in such a way as to be immersed into the corresponding cosmetic liquid storage compartments, each of the stems being selectively coupled to a cap.

[13] In order to accomplish the above object, the present invention provides a dual type cosmetics case, including a barrel having first and second storage compartments which are divided from each other in a vertical direction and having first and second mouths, a cap coupled to the first and second mouths of the barrel, first and second stems detachably mounted, respectively, to the corresponding first and second storage compartments of the barrel, and a holder which is provided in the cap and is selectively coupled to either of the first and second stems to take the selected first or second stem out from the barrel.

[14] The barrel may include a wiper which is installed in each of the first and second

mouths to wipe the outer circumference of the associated first or second stem.

[15] The cap comprises a double structure having an outer cap and an inner cap, a part for preventing accidental opening being provided on a lower end of an inner circumference of the inner cap, and the holder being installed at a predetermined position on an upper end of the inner circumference of the inner cap.

[16] Further, a brush part is provided on an end of each of the first and second stems dipped into the corresponding first and second storage compartments of the barrel so that the brush part is coated with a cosmetic liquid, and a coupling part is provided on an upper end of each of the first and second stems, which protrudes upwards from the corresponding first or second mouth, in such a way as to be detachably coupled to the holder.

[17] The holder includes first and second clips provided on left and right sides of an end which extends from the upper end of the inner circumference of the inner cap to a center thereof, and selectively coupled to either of the first and second stems.

[18] The holder is manufactured using a metal material and is coupled to the inner cap.

### **Advantageous Effects**

[19] A dual type cosmetics case according to the present invention is advantageous in that different kinds or colors of cosmetic liquids are held in one case, so that a user need not carry or keep several different cosmetics. Thus, especially while traveling, the volume of items which are to be carried by a person can be reduced. Further, costs for purchasing cosmetics can be reduced, so that the cosmetics case is very economical.

[20] According to the present invention, a cap separated from a barrel is used as a handle of a stem, so that it is convenient to use. When the cosmetics case is not in use, it is erected, so that the cosmetics case is stable. Since the cosmetics case is constructed so that the cosmetic liquids are collected in the bottom of the case, a brush part of each stem is always immersed in the corresponding cosmetic liquid. Thereby, the time required for applying makeup is short, and the amount of each cosmetic liquid remaining can be minimized. Therefore, the cosmetics case of this invention is very economical.

### **Brief Description of the Drawings**

[21] FIG. 1 is an exploded perspective view illustrating a dual type cosmetics case according to the present invention;

[22] FIG. 2 is a sectional view illustrating the assembled state of the dual type cosmetics case according to the present invention;

[23] FIG. 3 is an exploded sectional view illustrating the dual type cosmetics case according to the present invention; and

[24] FIGS. 4 and 5 are plan views illustrating the operation of a cap and a stem of the

cosmetics case according to the present invention.

### **Mode for the Invention**

- [25] Hereinafter, the preferred embodiment of the present invention will be described in detail with reference to the accompanying drawings.
- [26] FIG. 1 is an exploded perspective view illustrating a dual type cosmetics case according to the present invention. As shown in the drawing, the cosmetics case includes a barrel 110 which holds cosmetic liquids therein, and a cap 120 which is coupled to the barrel 110.
- [27] Here, a pair of stems 130 and 130' is detachably mounted to the barrel 110. Either of the stems 130 or 130' is selectively coupled to the lower surface of the cap 120 which is coupled to the barrel 110. Thereby, when the cap 120 is separated from the barrel 110, the stem 130 or 130' coupled to the cap 120 is separated from the barrel 110 together with the cap 120.
- [28] At this time, a brush part 133 of the stem 130, which is taken out from the barrel 110, is covered with cosmetic liquid. In this state, a user can apply makeup using the brush part 133.
- [29] FIG. 1 illustrates the example wherein the selected stem 130 is separated from the barrel 110 together with the cap 120, and the stem 130' which is not selected is coupled to the barrel 110.
- [30] Although not shown in FIG. 1, a holder (not shown) is provided in the cap 120 so that either of the stem 130 or 130' is selectively coupled to the cap 120.
- [31] Hereinafter, the detailed construction and operation of the cosmetics case according to the present invention will be described with reference to FIGS. 2 to 5.
- [32] FIG. 2 is a sectional view illustrating the assembled state of the dual type cosmetics case according to the present invention, and FIG. 3 is an exploded sectional view illustrating the dual type cosmetics case according to the present invention.
- [33] As shown in the drawings, the cosmetics case according to the present invention includes the barrel 110, the cap 120, the first and second stems 130 and 130', and the holder 140. The barrel 110 includes first and second cosmetic storage compartments 115a and 115b which are divided into each other in a vertical direction, and first and second mouths 113a and 113b. The cap 120 is fastened to the first and second mouths 113a and 113b of the barrel 110. The first and second stems 130 and 130' are detachably coupled to the first and second cosmetic storage compartments 115a and 115b of the barrel 110, respectively. The holder 140 is provided in the cap 120, and is selectively coupled to either the first or second stem 130 or 130' so as to take the selected stem 130 or 130' out from the barrel 110.
- [34] The barrel 110 has the first and second cosmetic storage compartments 115a and

115b to store different kinds of cosmetic liquids therein. The first and second cosmetic storage compartments 115a and 115b have separate mouths, that is, the first and second mouths 113a and 113b, respectively.

- [35] The first and second cosmetic storage compartments 115a and 115b store different kinds of cosmetic liquids (e.g.: mascara and eyeliner, rouge and lip gloss, etc.), and are partitioned from each other by a partition wall 111 which is provided vertically in the barrel 110. Of course, the first and second cosmetic storage compartments 115a and 115b may store different colors of cosmetic liquids, though the kinds of cosmetic liquids are equal to each other.
- [36] Here, the partition wall 111 partitions the interior of the barrel 110 into a plurality of independent spaces. If necessary, the interior of the barrel 110 may be partitioned into two or more spaces. Such a partition wall 111 may be integrated with the barrel 110 into a single structure while the barrel 110 is being formed.
- [37] Further, the barrel 110 may be manufactured using glass or synthetic resin. In order to allow the cosmetic liquids in the barrel 110 to be visible from the exterior, the barrel 110 may be manufactured using a transparent or semi-transparent material.
- [38] A wiper 150 may be coupled to the first and second mouths 113a and 113b of the barrel 110. The wiper 150 is made of a soft rubber material having elasticity so as to compress the outer circumferences of the first and second stems 130 and 130' and the brush parts 133 and 133', which pass through the first and second mouths 113a and 113b, thus appropriately wiping the cosmetic liquids off the outer circumferences of the first and second stems 130 and 130' and the brush parts 133 and 133', therefore preventing the cosmetic liquids, excessively covered on the first and second stems 130 and 130' and the brush parts 133 and 133', from forming drops and falling.
- [39] A part 117 for preventing accidental opening is provided on the outer circumferences of the first and second mouths 113a and 113b of the barrel 110. The part 117 for preventing accidental opening is an annular protrusion, and functions to prevent the undesirable removal of the cap 120 when it is coupled to the barrel 110.
- [40] The wiper 150, provided in the first and second mouths 113a and 113b, may comprise a pair of wipers which are installed, respectively, in the corresponding mouths 113a and 113b. However, as shown in FIGS. 1 to 3, a pair of wipers may be integrated into a single structure.
- [41] Such a wiper 150 functions to wipe the cosmetic liquids, and to compress and support the first and second stems 130 and 130' which are held in the barrel 110, thus preventing the first and second stems 130 and 130' from being shaken or dislodged from the barrel 110.
- [42] The cap 120 is a double structure having an outer cap 121 and an inner cap 123. The outer cap 121 serves to provide a good external appearance to the cosmetics case.

- [43] That is, a part 125 for preventing accidental opening is provided on the lower end of the inner circumference of the inner cap 123, and the holder 140 is mounted to the upper end of the inner circumference of the inner cap 123. As such, the inner cap 123 serves as a mechanical element, whereas the outer cap 121 is coupled to the outer portion of the inner cap 123, thus providing the good appearance to the cap 120.
- [44] Such an outer cap 121 is manufactured using a metal material, thus providing a more luxury product.
- [45] Here, the accidental opening preventing part 125 provided on the inner cap 123 comprises annular protrusions, and engages with the accidental opening preventing part 117 formed on the barrel 110, thus preventing the cap 120 from being easily removed from the barrel 110.
- [46] Further, the holder 140 includes first and second clips 141 and 143 which branch leftwards and rightwards from an end which extends from the inner circumference of the upper end of the inner cap 123 to the center thereof.
- [47] Each of the first and second clips 141 and 143 may be manufactured to have the shape of "C". Such a shape is advantageous to surround the outer circumference of each of the first and second stems 130 and 130'. Each of the first and second stems 130 and 130' is detachably fitted into an open part of the "C". The mouth of the "C" must be smaller than the diameter of each of the first and second stems 130 and 130'.
- [48] Such a structure prevents the first and second stems 130 and 130' from being undesirably dislodged from the first and second clips 141 and 143, and allows the first and second stems 130 and 130' to be removed from the first and second clips 141 and 143 only when proper external force is applied to the first and second stems 130 and 130'.
- [49] Thus, it is preferable that each of the first and second clips 141 and 143 have a predetermined elastic restoring force. To this end, the holder 140 is made of an elastic material, or the open part of each of the first and second clips 141 and 143 is manufactured to be narrow, so that each of the first and second clips 141 and 143 is deformed when each stem 130 or 130' is detached from or attached to the corresponding first or second clip 141 or 143.
- [50] The holder 140 may be integrated with the inner cap 123. However, after the holder 140 and the inner cap 123 are manufactured using different materials (e.g. metal material), they may be assembled to each other.
- [51] Brush parts 133 and 133' are provided on corresponding ends of the first and second stems 130 and 130' which are dipped into the corresponding first and second storage compartments 115a and 115b of the barrel 110 so that the brush parts 133 and 133' are coated with cosmetic liquids. Coupling parts 131 and 131' are provided, respectively, on the upper ends of the first and second stems 130 and 130', which protrude upwards

from the first and second mouths 113a and 113b, and are detachably coupled to the holder 140.

[52] Each of the brush parts 133 and 133' is a means for applying the associated cosmetic liquid. Here, each of the brush parts 133 and 133' may be manufactured in the form of a brush. However, each brush part 133 or 133' may have the form of a comb brush or sponge.

[53] Preferably, each of the coupling parts 131 and 131' has the shape of "T". A step is provided on each of the upper and lower ends of each coupling part 131 or 131' in such a way as to extend horizontally. The above step functions to prevent the first or second clip 141 or 143 of the holder 140 from moving vertically when the first or second clip 141 or 143 is coupled to the coupling part 131 or 131' in a horizontal direction.

[54] At normal times, each of the first and second stems 130 and 130' is immersed into the barrel 110. However, when a user desires to apply makeup, the first or second stem 130 or 130' is selectively taken out of the barrel 110 and is used.

[55] FIGS. 4 and 5 are plan views illustrating the operation of the cap and the stems according to the present invention. FIG. 4 shows the state in which the first clip 141 of the holder 140 is coupled to the first stem 130. FIG. 5 shows the state in which the second clip 143 of the holder 140 is coupled to the second stem 130'.

[56] In FIGS. 4 and 5, the wiper 150 is omitted.

[57] As described above, the first and second stems 130 and 130' are placed in the first and second mouths 113a and 113b of the barrel 110, respectively. A user rotates the cap 120 leftwards and rightwards to use either of the first or second stem 130 or 130'.

[58] In order to allow a user to know the kinds of cosmetic liquids stored in the first and second cosmetic storage compartments 115a and 115b, the kinds of the cosmetic liquids may be marked on the cap 120. For example, arrows showing the leftward and rightward rotating directions may be marked on the upper surface of the cap 120, and contents, such as mascara or eyeliner, may be marked on ends of the arrows using characters or pictures.

[59] Further, the barrel 110 may be manufactured to be transparent. In this case, a user herself confirms the contents, and then selects either of the first or second stem 130 or 130'.

[60] When the cap 120 is rotated leftwards or rightwards, the first or second clip 141 or 143 of the holder 140 is repeatedly detachably coupled to the corresponding first or second stem 130 or 130'. When either of the first or second stem 130 or 130' is selected, the cap 120 is pulled up to be separated from the barrel 110. At this time, the accidental opening preventing parts 125 and 117 of the cap 120 and the barrel 110 engage with each other. Thus, a user must exert a predetermined force on the cap 120

so that the cap 120 is separated from the barrel 110. Preferably, the cap 120 is slightly bent when it is separated from the barrel 110.

[61] As described above, after the user finishes applying makeup using the first stem 130 which is taken out from the barrel 110 prior to the second stem 130', as shown in FIG. 4, the cap 120 is coupled to the barrel 110 again and is rotated clockwise. Thereby, the first stem 130 is separated from the first clip 141 of the holder 140, and simultaneously, the second clip 143 is coupled to the second stem 130'.

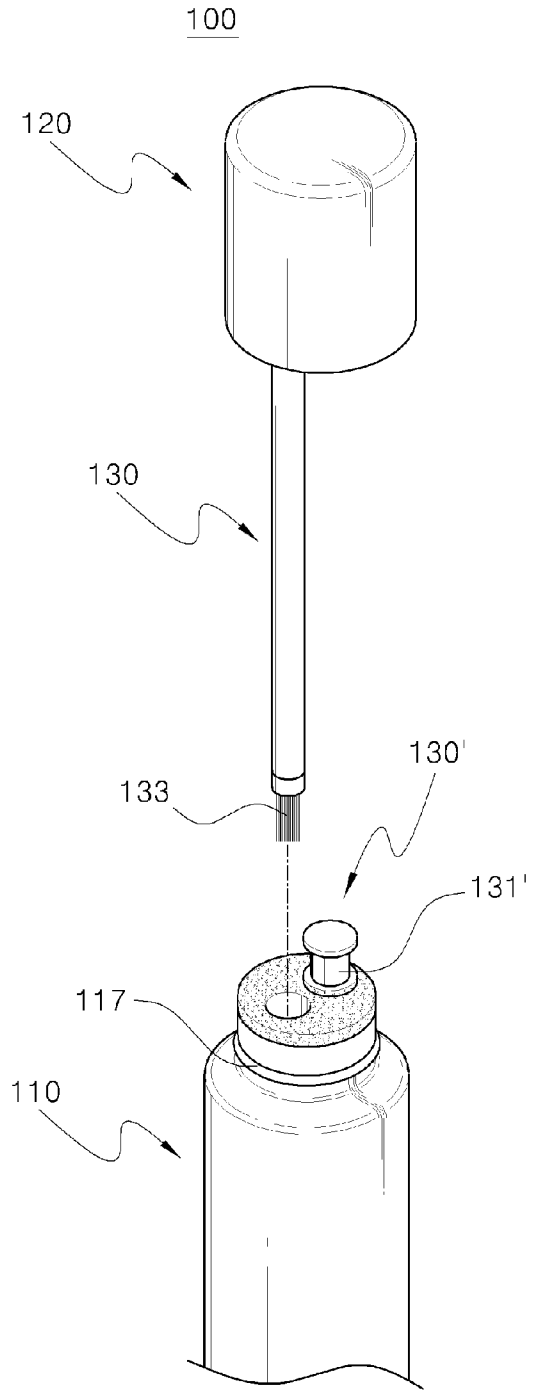
[62] When the second stem 130' is selected, the cap 120 is separated from the barrel 110. Thereby, the user continues to apply makeup using the selected second stem 130'.

[63] The user can easily apply makeup while alternately uses two kinds of cosmetic liquids. Further, according to the present invention, the cosmetic liquids held in the barrel 110 are designed appropriately for consumers when the cosmetics case comes onto the market, thus saving a user much trouble in the selecting of cosmetics.

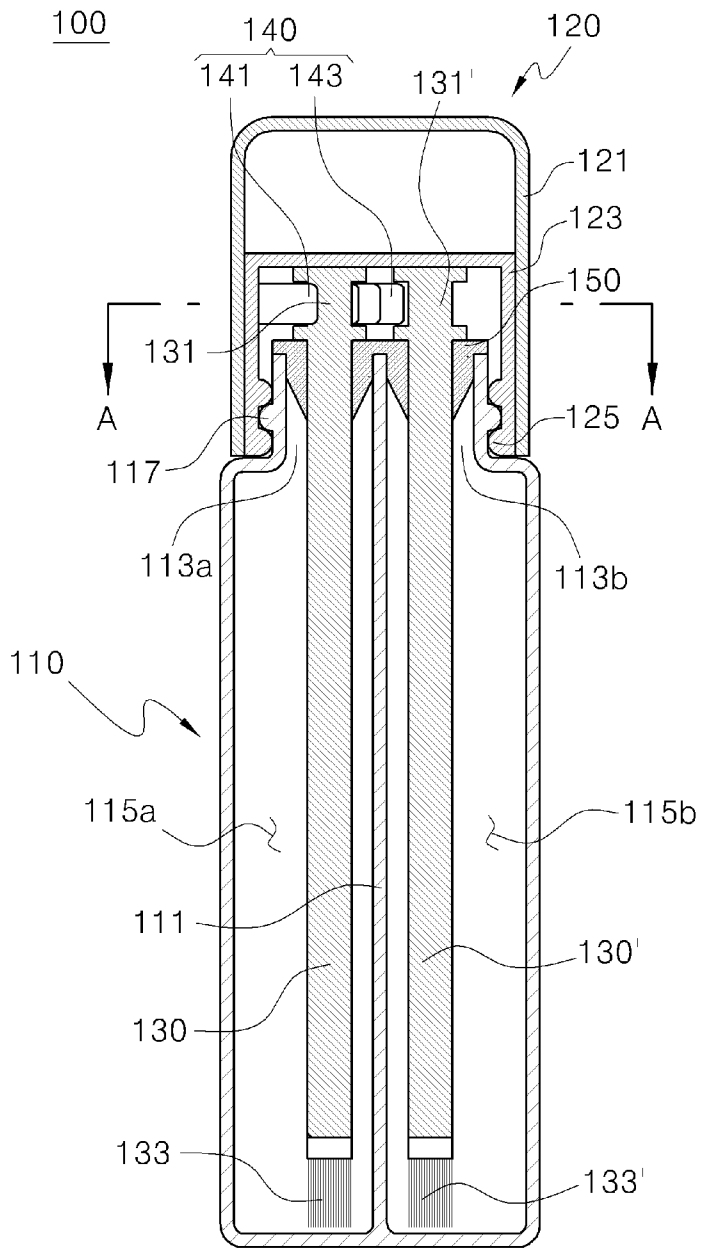
## Claims

- [1] A dual type cosmetics case, comprising:  
a barrel partitioned by a vertical partition wall into a plurality of cosmetic liquid storage compartments, and having mouths; and  
a plurality of stems detachably mounted to the barrel in such a way as to be immersed into the corresponding cosmetic liquid storage compartments, each of the stems being selectively coupled to a cap.
- [2] A dual type cosmetics case, comprising:  
a barrel having first and second storage compartments which are divided from each other in a vertical direction, and having first and second mouths;  
a cap coupled to the first and second mouths of the barrel;  
first and second stems detachably mounted, respectively, to the corresponding first and second storage compartments of the barrel; and  
a holder provided in the cap, and being selectively coupled to either of the first and second stems to take the selected first or second stem out from the barrel.
- [3] The dual type cosmetics case according to claim 2, wherein the barrel comprises a wiper installed in each of the first and second mouths to wipe an outer circumference of the associated first or second stem.
- [4] The dual type cosmetics case according to claim 2, wherein the cap comprises a double structure having an outer cap and an inner cap, a part for preventing accidental opening being provided on a lower end of an inner circumference of the inner cap, and the holder being installed at a predetermined position on an upper end of the inner circumference of the inner cap.
- [5] The dual type cosmetics case according to claim 2, wherein a brush part is provided on an end of each of the first and second stems dipped into the corresponding first and second storage compartments of the barrel so that the brush part is coated with a cosmetic liquid, and a coupling part is provided on an upper end of each of the first and second stems, which protrudes upwards from the corresponding first or second mouth, in such a way as to be detachably coupled to the holder.
- [6] The dual type cosmetics case according to claim 2, wherein the holder comprises:  
first and second clips provided on left and right sides of an end which extends from the upper end of the inner circumference of the inner cap to a center thereof, and selectively coupled to either of the first and second stems.
- [7] The dual type cosmetics case according to claim 6, wherein the holder is manufactured using a metal material and is coupled to the inner cap.

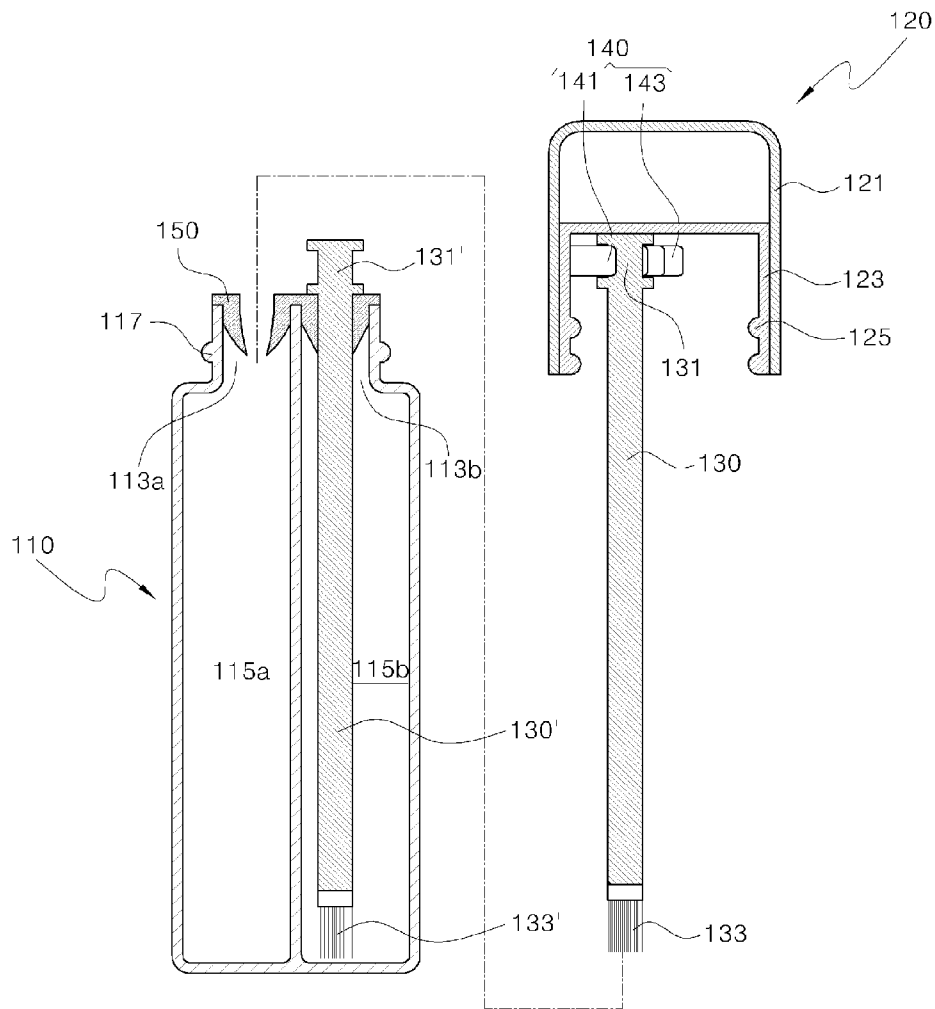
[Fig. 1]



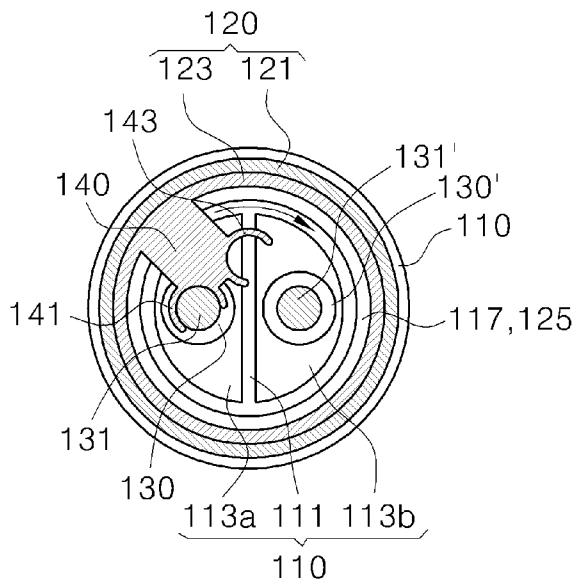
[Fig. 2]



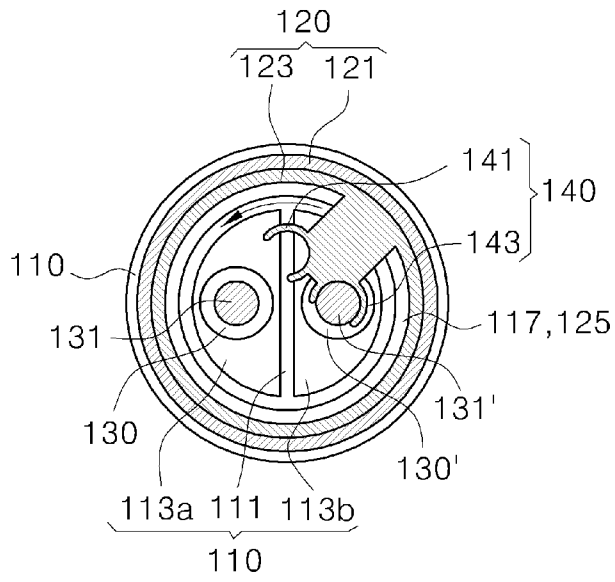
[Fig. 3]



[Fig. 4]



[Fig. 5]



**A. CLASSIFICATION OF SUBJECT MATTER***A45D 34/06(2006.01)i, A45D 34/00(2006.01)i, A45D 34/04(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC A45D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO INTERNAL), Keyword : "cosmetic, case"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003292003 A (Yoshino Kogyosho co. Ltd.) 15 October 2003 See the abstract, the claims and the figures	1-7
A	JP 2000313487 A (L'oreal Sa) 14 November 2000 See the abstract, the claims and the figures	1-7
A	JP 08173237 A (L'oreal Sa) 9 July 1996 See the abstract, the claims and the figures	1-7
A	JP 2002085149 A (Kao corp.) 26 March 2002 See the claim and the figures	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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Date of the actual completion of the international search

24 MARCH 2009 (24.03.2009)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/KR2008/006416**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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