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(54) **CONTAINER FOR STORING HETEROGENEOUS CONTENTS**

(57) The present invention relates to a container for storing heterogeneous contents, comprising one container body for receiving first and second storage containers in which heterogeneous contents are stored respectively, wherein, as an elevation member slides ver-

tically, one of the first and second storage containers is selectively withdrawn to the upper or lower part of the container body and the withdrawn storage contained can be used. Therefore, the container is easy to carry and provides improved user convenience.

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Description

BACKGROUND OF THE INVENTION

[0001] The present invention relates to a container for storing heterogeneous contents, and more specifically a container for storing heterogeneous contents comprising one container body for receiving first and second storage containers in which heterogeneous contents are stored respectively, wherein, as an ascending/descending member slides vertically, one of the first and second storage containers is selectively withdrawn to an upper part or a lower part of the container body and the contents in a withdrawn storage container can be used, therefore making it easy to carry the container and providing improved user convenience.

[0002] Generally, eye or lip makeup is achieved using cosmetics such as a lip-gloss, a concealer, or a highlighter, etc. For putting a makeup for lips, it is important that lips should look beautiful when kept with moisture, a lip-gloss is applied for keeping lips moist and beautiful.

[0003] Lip-glosses used as in the above are manufactured in shape of a tube, a lipstick, or a type of lip-glosses that can be applied by smearing contents stored in the body with a cosmetics application brush tip attached at a cover.

[0004] The most conventional lip-gloss among those in the above is the one which can be used by smearing contents stored in the body with a cosmetics application brush tip attached at a cover. This "lip-gloss container" is disclosed in FIG. 1 of the registered utility model no. 20-0459830 (hereafter, called the registered utility model).

[0005] The registered utility model in the above is characterized to comprise a body (100) which stores cosmetics and includes an opening (112) such that a cover (120) can be detachably coupled therein, and the cover (120) which is coupled with a screw combination to the opening (112) of the body (100) and includes a brush (124) at the end of the body for applying cosmetics and an application tip (122), such as a sponge, formed at the end of the brush (124).

[0006] The conventional lip-glosses having a structure as in the above are configured in a way that a cover coupled with a screw combination to the body is separated from an opening of the body, and cosmetics are smeared to an application tip formed at a lower end of the cover and applied to lips, and then the brush is inserted back to the body for being stored. To use two different types of lip-glosses, such as different colors, two different lip-glosses should be purchased and respectively carried with, thereby causing a problem of user inconvenience.

SUMMARY OF THE INVENTION

[0007] The present invention is disclosed to solve the problems described in the above, the present invention is to provide a container for storing heterogeneous con-

tents, comprising one container body for receiving first and second storage containers in which heterogeneous contents are stored respectively, wherein, as an ascending/descending member slides vertically, one of the first and second storage containers is selectively withdrawn to an upper or a lower part of the container body and the contents stored in the withdrawn storage container can be used, thereby providing user convenience as well as being easy to be carried.

[0008] To solve the problem in the above, a container for storing heterogeneous contents according to the present invention includes: a first storage container which stores a first contents and comprises a first discharging part for discharging the first contents; a second storage container which stores a second contents and comprises a second discharging part for discharging the second contents; a container body which receives the first storage container and the second storage container and has an upper end and a lower end open such that the first storage container and the second storage container can be inserted and withdrawn; a cap which is detachably coupled with the first storage container and the second storage container, and is provided with a first coupling part and a second coupling part respectively at a lower portion and an upper portion thereof for being coupled with the first discharging part and the second discharging part; and an ascending/descending member which is coupled, encasing the cap, and is provided with a movement button exposed to the outside of the container body such that a user can manipulate an ascending/descending movement, thereby ascending/descending in a longitudinal direction of the container body, characterized in that the first storage container and the second storage container are configured to be withdrawn from the container body according to the manipulation of the ascending/descending movement of the movement button, and thereby it is possible to use selectively either of a first contents or a second contents.

[0009] Furthermore, the present invention is characterized to include an application member comprising a support which is penetrated into the cap and inserted to the first storage container and the second storage container, and a first and a second application tip which are coupled respectively to both ends of the support and absorb the first and the second contents.

[0010] Furthermore, it is characterized in a way that an incision part is formed longitudinally at a front side part of the container body such that the movement button can be exposed to the outside and ascended/descended along the container body.

[0011] Furthermore, it is characterized in a way that a guide groove is formed at an inner side of a backside portion so as to limit the distance that the ascending/descending member ascends/descends.

[0012] Furthermore, it is characterized in a way that the cap further includes a fixing part which extends from an inner circumferential surface, forming a hollow, and fixes the application member.

[0013] Furthermore, it is characterized in a way that a fixing protrusion which fixes the support is formed at the fixing part, and a fixing groove which is coupled with the fixing protrusion is formed at an outer circumferential surface of the support for being fixed to the fixing part.

[0014] Furthermore, it is characterized in a way that at the ascending/descending member is provided a guide protrusion which is inserted to the guide groove and moves along the guide groove when the movement button is manipulated for being ascended/descended.

[0015] Furthermore, it is characterized in a way that at a center portion of the guide groove is provided a supporting protrusion which supports the guide protrusion for preventing a free fall of the ascending/descending member.

[0016] Furthermore, it is characterized in a way that at both ends of the guide groove is provided a securing groove in which the guide protrusion is secured in a state that the ascending/descending member completes ascending/descending.

[0017] Furthermore, it is characterized in a way that at the first discharging part and the second discharging part are respectively coupled a first and a second wipers which sweep the first and the second contents smeared on the first and the second application tip when the first and the second application tip are withdrawn from the first and the second storage container.

[0018] Furthermore, it is characterized in a way that the first storage container and the second storage container are made of transparent material, such that a user can check out a color of the first contents and the second contents stored in the first storage container and the second storage container through the incision part from the outside.

[0019] As described in the above, according to the present invention, one container body receives a first and a second storage containers in which heterogeneous contents are stored respectively, wherein, as an elevation member slides vertically, one of the first and second storage containers is selectively withdrawn to the upper or lower part of the container body and the withdrawn storage contained can be used, therefore making it easy for the container to be carried and improving user convenience.

[0020] Furthermore, by making the first storage container and the second storage container transparent and forming an incision part such that the first and the second storage containers are exposed to the outside, it is possible for a user to easily check out the color of the first and the second contents stored in the first storage container and the second storage container respectively.

BRIEF DESCRIPTION OF THE DRAWINGS

[0021]

FIG. 1 is an exploded perspective view illustrating a configuration of a container for storing heterogeneous

contents according to an exemplary embodiment of the present invention.

FIG. 2 is an assembled perspective view illustrating a configuration of the container for storing heterogeneous contents according to an exemplary embodiment of the present invention.

FIG. 3 is a combined cross-sectional view illustrating a configuration of the container for storing heterogeneous contents according to an exemplary embodiment of the present invention.

FIGS. 4 to 6 are usage state diagrams of the container for storing heterogeneous contents according to an exemplary embodiment of the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0022] Hereinafter, the present invention will be described in detail with reference to accompanying drawings. The same reference numerals provided in the drawings indicate the same members.

[0023] FIG. 1 is an exploded perspective view illustrating a configuration of a container for storing heterogeneous contents according to an exemplary embodiment of the present invention. FIG. 2 is an assembled perspective view illustrating a configuration of the container for storing heterogeneous contents according to an exemplary embodiment of the present invention. FIG. 3 is a combined cross-sectional view illustrating a configuration of the container for storing heterogeneous contents according to an exemplary embodiment of the present invention.

[0024] Referring to FIGS. 1 and 3, a container for storing heterogeneous contents according to the preferred embodiments of the present invention includes a first storage container 100, a second storage container 200, a container body 300, a cap 400, and an ascending/descending member 400.

[0025] The first storage container 100, storing a first contents of liquid-type, comprises a first discharging part 110 at an upper portion thereof such that the first contents can be discharged, wherein a screw thread is formed at an outer circumferential surface of the first discharging part 110 so as to be screw-coupled with a first coupling part 410 of the cap 400 to be described later.

[0026] Furthermore, the first discharging part 110 is preferred to be coupled with a first wiper 700 which sweeps a first contents smeared on a first application tip 620 and collects to the first storage container 100 when withdrawing a first application tip 620 inserted to the first storage container 100.

[0027] Meanwhile, the first storage container 100 is preferred to be made transparent such that a user can check out the color of the first contents stored in the first storage container 100 from the outside through an incision part 310 of the container body 300.

[0028] The second storage container 200, receiving a second contents of liquid-type, is provided with a second

discharging part 210 at an upper portion thereof such that a second contents can be discharged therethrough, wherein a screw is formed at an outer circumferential surface of the second discharging part 210 so as to be screw-coupled with a second coupling part 420 of a cap 400 to be described later.

[0029] Furthermore, at the second discharging part 210 are provided a second wiper 800 which sweeps the second contents smeared on the second application tip 630 and collects to the second storage container 200 when the second application tip 630 inserted into the second storage container 200 is withdrawn from there.

[0030] Meanwhile, the second storage container 200 is preferred to be made transparent such that a user can check the color of the second contents stored in the second storage container 200 from the outside through an incision part 310 of the container body 300.

[0031] The container body 300, receiving the first storage container 100 and the second storage container 200, has a cylinder shape, an upper end and a lower end of which are made open such that the first storage container 100 and the second storage container 200 can be inserted and withdrawn therethrough. In the present invention, it is characterized that an incision part 310 is formed along a longitudinal direction at a front side of the container body 300 such that a movement button 510 to be described later can be exposed to the outside and ascend/descend therein.

[0032] The incision part 310 not only forms a space where the movement button ascends/descends, but makes it possible to check out the colors of the first and the second contents respectively stored in the first storage container 100 and the second storage container 200 from the outside.

[0033] Meanwhile, it is characterized that at an inner side of a backside portion of the container body 300 is formed a guide groove 320 in which a guide protrusion 520 of an ascending/descending member 500 is inserted so as to limit the distance where the ascending/descending member 500 ascends/descends, wherein the guide groove 320 is formed longitudinally along the inner side of backside portion of the container body 300, further comprising a supporting protrusion 321 which supports the guide protrusion 520 so as to prevent a free fall of the ascending/descending member 500 at a center portion of the guide groove 320, and a securing groove 322 at both ends thereof such that the guide protrusion 520 can be secured in a state that the ascending/descending member 500 completes ascending/descending.

[0034] The cap 400 is coupled encasing the first and the second discharging parts 110, 210 of the first and the second storage containers 100, 200. The cap 400 in the present invention is characterized to comprise a first coupling part 410 and a second coupling part 420 respectively at a lower portion and an upper portion for being coupled with the first and the second discharging part 110, 210.

[0035] The first coupling part 410 and the second cou-

pling part 420 are provided respectively at a lower portion and at an upper portion of the cap 400, and therefore, it is possible to install, at an interior of the container body 300, the first storage container 100 in an upright position and the second storage container 200 in an upside-down position.

[0036] Furthermore, at inner circumferential surfaces of the first coupling part 410 and the second coupling part 420 are provided screw threads which are screw-coupled with the first and the second discharging part 110, 210 such that the first and second storage containers 100, 200 can be attached/detached.

[0037] Meanwhile, it is characterized that a fixing part 430 which fixes an application member 600 to be described later is provided at the cap 400, wherein the fixing part 430 forms a hollow for a support 610 of the application member 600 to penetrate and extends from an inner circumferential surface of the cap 400, further comprising a fixing protrusion 431 which is coupled with a fixing groove 611 of the support 610 so as to fix the support 610 of the application member 600 penetrated and installed therein.

[0038] The ascending/descending member 500, which is coupled, encasing the cap 400 and ascends/descends with the cap 400 along the longitudinal direction of the container body 300, includes a movement button 510 and a guide protrusion 520.

[0039] The movement button 510 is protrusively formed from a front side of the ascending/descending member 500 such that a user can manipulate ascending/descending movement, and exposed to the outside through the incision part 310. Therefore, the first storage container 100 or the second storage container 200 can be withdrawn from the container body 300 according to a user's manipulation of ascending/descending, and thereby it is possible to selectively use either the first contents or the second contents respectively stored in the first and the second storage container 100, 200.

[0040] The guide protrusion 520, formed protrusively from a backside portion of the ascending/descending member 500 and inserted to the guide groove 320, is configured to move along the guide groove 320 according to an ascending/descending manipulation of the movement button 510, wherein the guide protrusion 520, supported by a supporting protrusion 321 disposed at the central portion of the guide groove 320 in a normal state, prevents a free fall of the ascending/descending member 500 in a state that a user does not manipulate, and is secured to a securing groove 322 in a state that the ascending/descending member 500 completes ascending or descending, thereby preventing the ascending/descending member 500 from moving by the pressure therein when applying a first and a second contents onto a skin by means of a first and a second application tips 620, 630.

[0041] The application member 600, inserted into the first storage container 100 and the second storage container 200 and applying the first and second contents

onto skin, comprises a support 610 which penetrates a hollow formed at a fixing part 430 of the cap 400 and is inserted into the first storage container 100 and the second storage container 200, and a first and a second application tips 620, 630 which are respectively coupled to both ends of the support 610 and absorb the first and the second contents, further comprising a fixing groove 611 which is coupled to the fixing protrusion 431 at an outer circumferential surface of the support 610 so as to be fixed to the fixing part 430.

[0042] The application member 600, fixed to the fixing part 430, causes a first application tip 620 to be withdrawn from a first storage container 100 for using the first contents when the first storage container 100 is separated from the cap, and causes a second application tip 630 to be withdrawn from the second storage container 200 for using the second contents when the second storage container 200 is separated from the cap 400.

[0043] Hereafter, a method of using a container for storing heterogeneous contents according to an exemplary embodiment of the present invention will be described with reference to FIGS. 4 and 6.

[0044] Referring to FIGS. 4 and 6, firstly, normally when gripping a movement button 510 and moving a guide protrusion 520 to a downward direction in a state that the guide protrusion 520 is secured at a supporting protrusion 321, the guide protrusion 520 of the ascending/descending member 500 moves along a guide groove 320 and thereby the ascending/descending member 500 descends. Due to this, a cap coupled to an inner side of the ascending/descending member 500 and a first and a second storage containers 100, 200 coupled to an upper and lower portions of the cap 400 descend together, thereby causing the first storage container 100 to be withdrawn to a lower portion of the container body 300.

[0045] As in the above, when the first storage container 100 is withdrawn to a lower portion of the container body 300, a user rotates the first storage container 100 and releases a screw-combination of the first storage container 100 and a first coupling part 410 of the cap 400, and then withdraws a first application tip 620 from the first storage container 100 for lip makeup in a state of gripping the container body 300.

[0046] As in the above, when a user applies lip makeup through the first application tip 620, the guide protrusion 520 is secured at a securing groove 322 and thereby prevents the ascending/descending member 500 from moving by the pressure caused when the first application tip 620 touches lips.

[0047] Meanwhile, to use the second contents stored in a second storage container 200, a user places the second storage container 200 in an upright position by turning the container body 300 down, and then can use the second contents by through the procedure described in the above.

[0048] The present invention is configured to accommodate the first storage container 100 and the second

storage container 200 for being withdrawn from the container body 300 according to a manipulation of ascending/descending of the movement button 510, such that it is possible for a user to use the first contents or the second contents depending on her own choice.

[0049] As described above, optimal embodiments have been disclosed in the drawings and the specification. Although specific terms have been used herein, these are only intended to describe the present invention and are not intended to limit the meanings of the terms or to restrict the scope of the present invention as disclosed in the accompanying claims. Therefore, those skilled in the art will appreciate that various modifications and other equivalent embodiments are possible from the above embodiments. Accordingly, the scope of the present invention should be defined by the technical spirit of the accompanying claims.

Claims

1. A container for storing heterogeneous contents comprising:

a first storage container (100) storing first contents and further comprising a first discharging part (110) for discharging the first contents;

a second storage container (200) storing second contents and further comprising a second discharging part (210) for discharging the second contents;

a container body (300), receiving the first storage container (100) and the second storage container (200) and having an upper end and a lower end open such that the first storage container (100) and the second storage container (200) can be inserted and withdrawn;

a cap (400) detachably coupled with the first storage container (100) and the second storage container (200), further comprising a first coupling part (410) and a second coupling part (420) respectively at an upper portion and a lower portion for being coupled with the first discharging part (110) and the second discharging part (210); and

an ascending/descending member (500) coupled, encasing the cap (400), and comprising a movement button (510) exposed to the outside of the container body (300) such that a user can manipulate an ascending/descending movement thereof and ascending/descending longitudinally along the container body (300),

characterized in that the first storage container (100) or the second storage container (200) is configured to be withdrawn from the container body (300) according to an ascending/descending manipulation of the movement button (510) such that either of the first and the second con-

tents can be selectively used.

2. The container for storing heterogeneous contents of claim 1, further comprising an application member (600) which comprises a support (610) penetrating the cap (400) and inserted into the first storage container (100) and the second storage container (200), and a first and a second application tip (630) which are respectively coupled to both ends of the support (610) and absorb the first and the second contents. 5 10
3. The container for storing heterogeneous contents of claim 1, further comprising an incision part (310) formed longitudinally at a front side part of the container body (300) such that the movement button (510) can be exposed to the outside and ascend/descend. 15
4. The container for storing heterogeneous contents of claim 1, further comprising a guide groove (320) at an inner side of the backside of the container body (300) for limiting the distance where the ascending/descending member (500) ascends/descends. 20
5. The container for storing heterogeneous contents of claim 2, wherein the cap (400) forms a hollow and extends from an inner circumferential surface thereof, further comprising a fixing part (430) which fixes the application member (600). 25 30
6. The container for storing heterogeneous contents of claim 5, wherein a fixing protrusion (431) fixing the support (610) is provided at the fixing part (430), and a fixing groove (611) coupled with the fixing protrusion (431) is provided at an outer circumferential surface of the support (610) so as to be fixed to the fixing part (430). 35
7. The container for storing heterogeneous contents of claim 4, wherein at the ascending/descending member (500) is provided a guide protrusion (520) inserted into the guide groove (320) and moving along the guide groove (320) according to an ascending/descending manipulation of the movement button (510). 40 45
8. The container for storing heterogeneous contents of claim 7, further comprising a supporting protrusion (321) supporting the guide protrusion (520) at a center portion of the guide groove (320) for preventing a free fall of the ascending/descending member (500). 50
9. The container for storing heterogeneous contents of claim 7, comprising a securing groove (322) at both ends of the guide groove (320) for securing the guide protrusion (520) in a state that the ascending/descending member (500) completes ascending/descending. 55
10. The container for storing heterogeneous contents of claim 2, wherein respectively at the first discharging part (110) and the second discharging part (210) are coupled a first wiper (700) and a second wiper (800) which sweep the first and the second contents smeared on the first and the second application tips (620, 630) when the first and the second application tips (620, 630) are being withdrawn respectively from the first storage container (100) and the second storage container (200).
11. The container for storing heterogeneous contents of claim 3, wherein the first storage container (100) and the second storage container (200) are made transparent, such that a user can check out the color of the first and the second contents stored in the first storage container (100) and the second storage container (200) through the incision part from the outside of the container body (300).

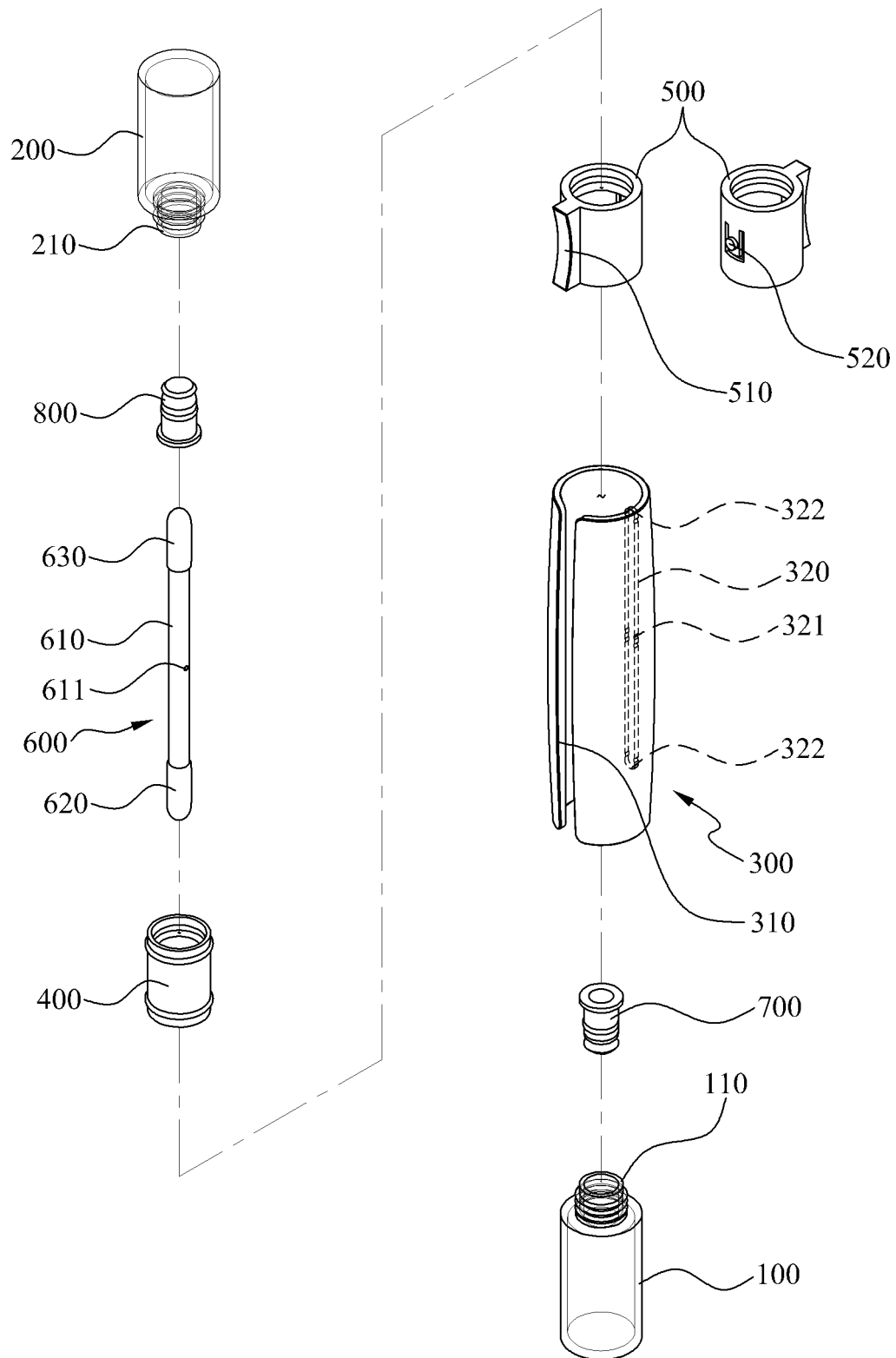


Fig.1

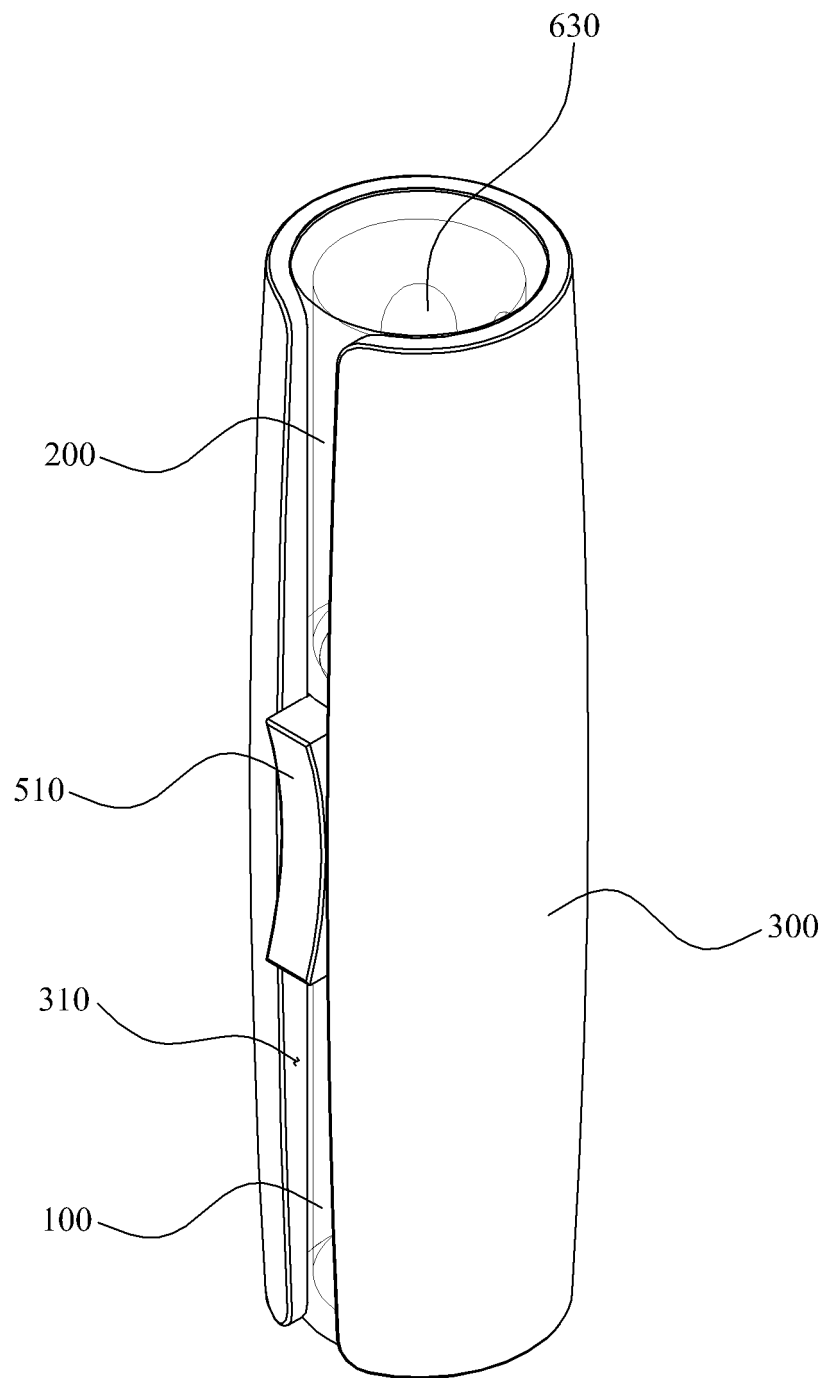


Fig.2

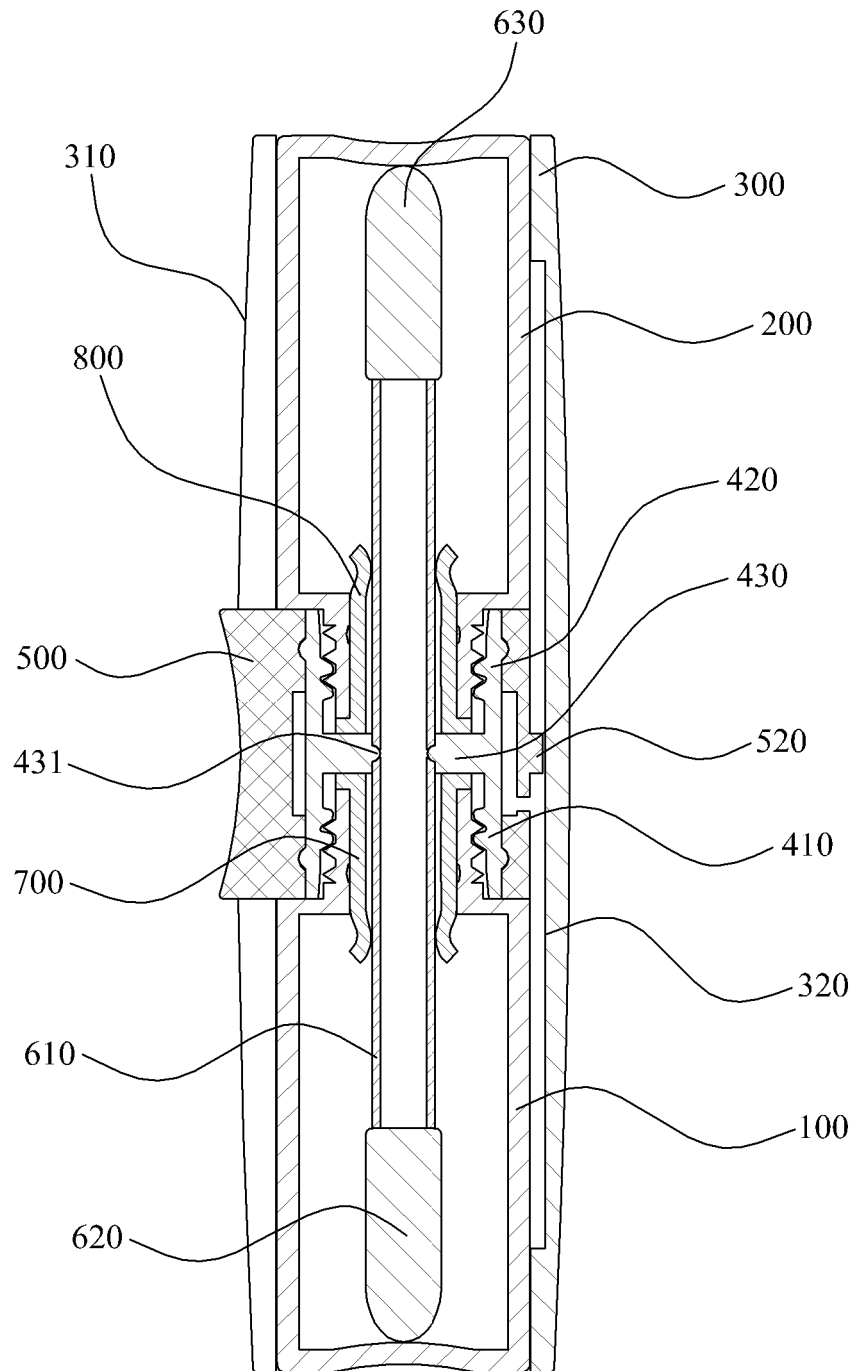


Fig.3

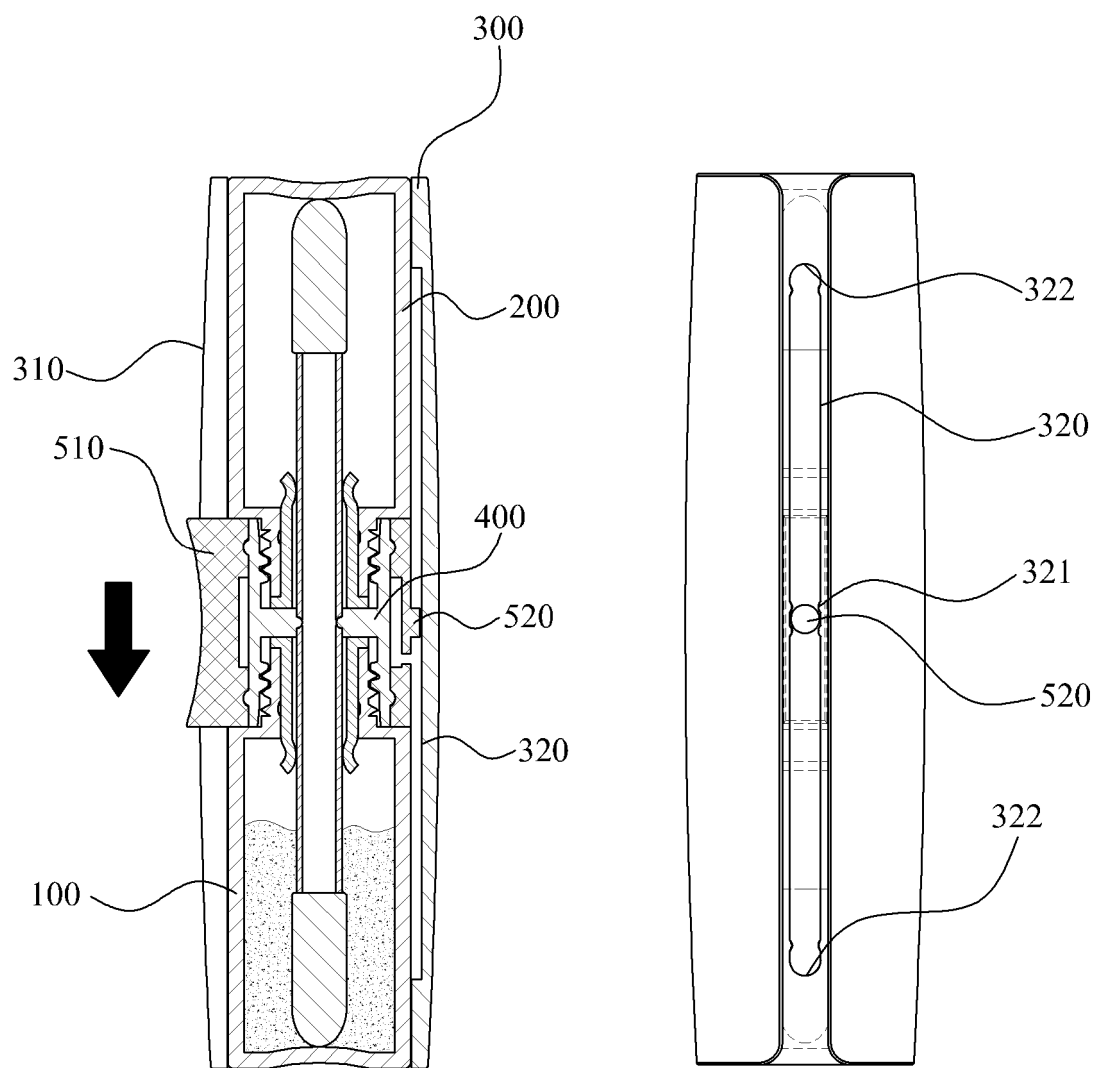


Fig.4

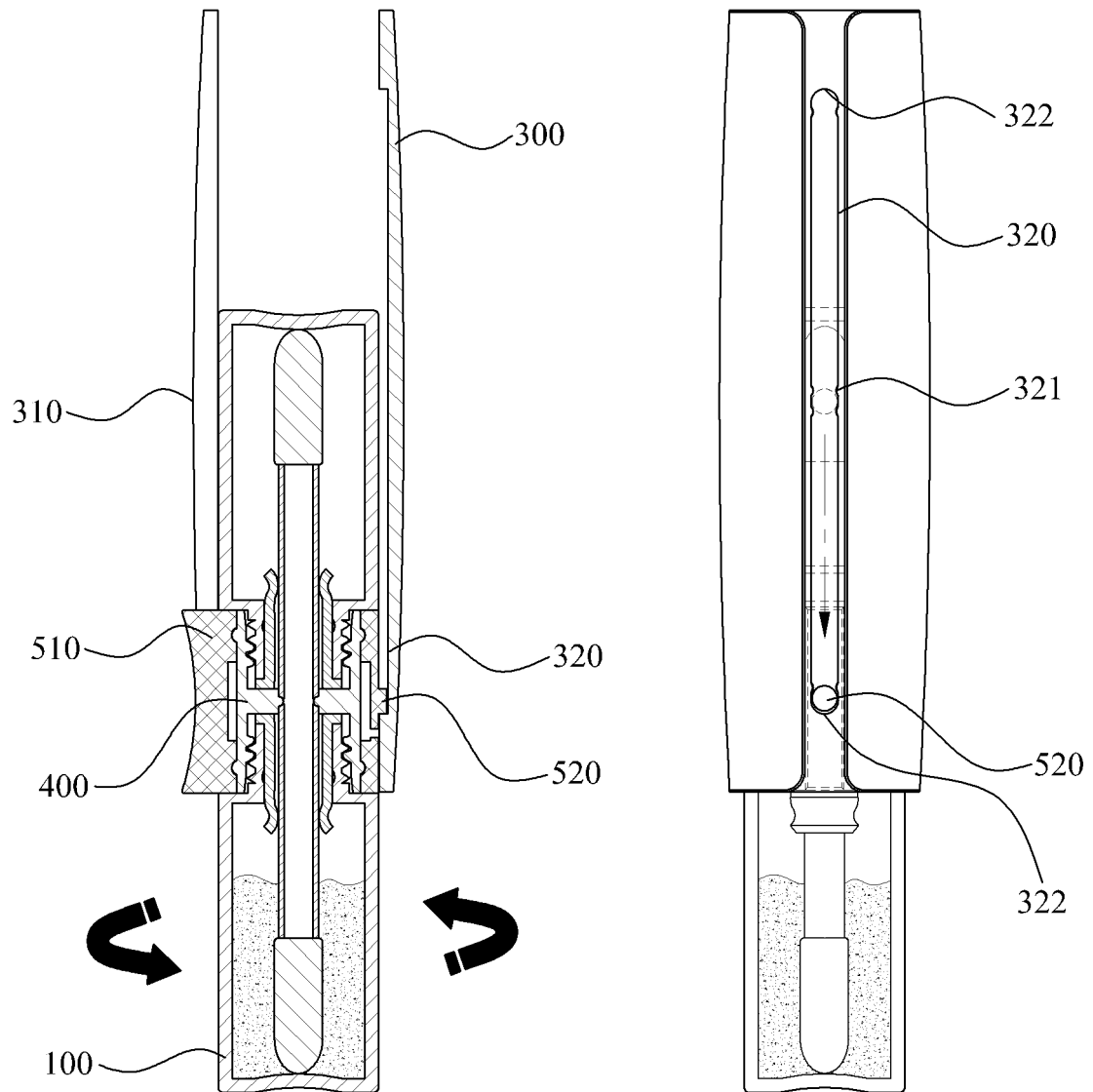


Fig.5

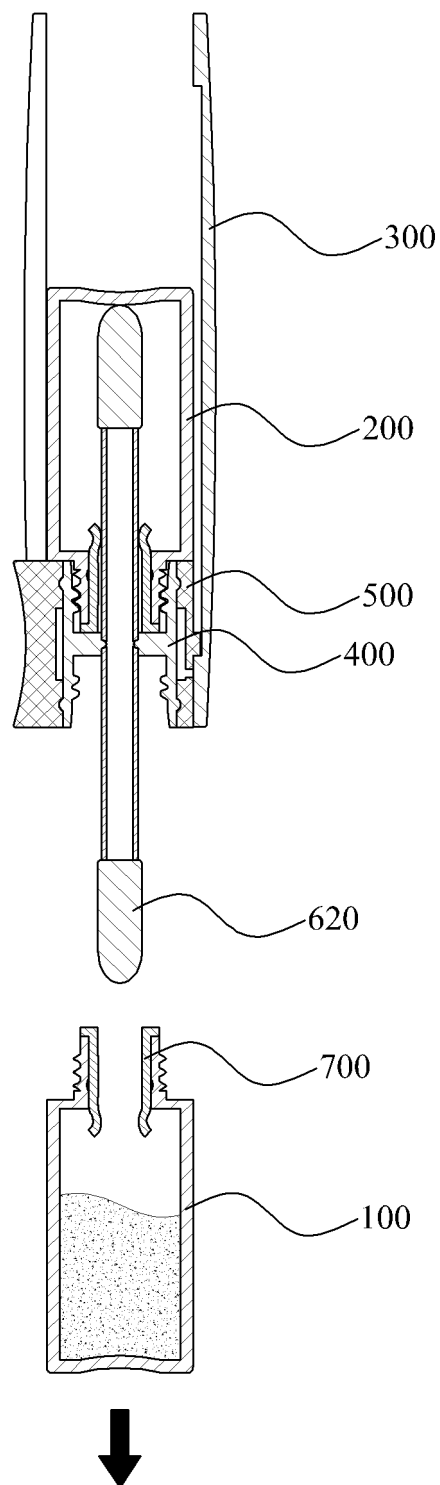


Fig.6

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2015/008552

A. CLASSIFICATION OF SUBJECT MATTER <i>A45D 34/06(2006.01)i, A45D 34/04(2006.01)i, B65D 83/00(2006.01)i, B65D 21/00(2006.01)i</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) A45D 34/06; A45D 40/24; A45D 34/04; A45D 34/00; A45D 33/26; B43K 24/12; B65D 83/00; B65D 21/00																		
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: IPC as above Japanese Utility models and applications for Utility models: IPC as above																		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS (KIPO internal) & Keywords: first, second storing container, container main body, finishing cap, lifting member, case, makeup, cosmetic, beauty																		
C. DOCUMENTS CONSIDERED TO BE RELEVANT																		
<table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>JP 2011-056202 A (CHIKUHODO KK.) 24 March 2011 See paragraphs [0013]-[0015]; figures 1-5.</td> <td>1-11</td> </tr> <tr> <td>Y</td> <td>KR 20-0199212 Y1 (SUNG JIN PLACO CO., LTD.) 02 October 2000 See abstract; the part of the constitution and operation paragraphs [0004], [0006]; figure 2.</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>KR 20-2011-0005401 U (SIERRA M CO., LTD.) 01 June 2011 See the entire document.</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>KR 10-2014-0012843 A (JEONG, Su Kyeong et al.) 04 February 2014 See the entire document.</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>KR 10-2013-0099432 A (YONWOO CO., LTD.) 06 September 2013 See the entire document.</td> <td>1-11</td> </tr> </tbody> </table>	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	JP 2011-056202 A (CHIKUHODO KK.) 24 March 2011 See paragraphs [0013]-[0015]; figures 1-5.	1-11	Y	KR 20-0199212 Y1 (SUNG JIN PLACO CO., LTD.) 02 October 2000 See abstract; the part of the constitution and operation paragraphs [0004], [0006]; figure 2.	1-11	A	KR 20-2011-0005401 U (SIERRA M CO., LTD.) 01 June 2011 See the entire document.	1-11	A	KR 10-2014-0012843 A (JEONG, Su Kyeong et al.) 04 February 2014 See the entire document.	1-11	A	KR 10-2013-0099432 A (YONWOO CO., LTD.) 06 September 2013 See the entire document.	1-11
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Form PCT/ISA/210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2015/008552

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