



(11) **EP 3 199 055 A2**

(12) **EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(43) Date of publication:
02.08.2017 Bulletin 2017/31

(51) Int Cl.:
A45D 40/24 (2006.01) A45D 34/00 (2006.01)

(21) Application number: **15843455.5**

(86) International application number:
PCT/KR2015/008557

(22) Date of filing: **17.08.2015**

(87) International publication number:
WO 2016/047925 (31.03.2016 Gazette 2016/13)

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME
Designated Validation States:
MA

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(30) Priority: **25.09.2014 KR 20140128403**

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(54) **CONTAINER FOR STORING DIFFERENT TYPES OF CONTENTS**

(57) The present invention disclosed herein relates to a container for storing different types of contents, and more particularly, to a container for storing different types of contents which is configured such that liquid-type contents and solid contents are accommodated in one con-

tainer body, and can be used by being selectively withdrawn through the upper and lower parts of the container body by means of the rotation of the container body, thereby facilitating portability and improving user convenience.

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Description

BACKGROUND OF THE INVENTION

[0001] The present invention disclosed herein relates to a container for storing different types of contents, and more particularly, to a container for storing different types of contents which is configured such that liquid-type contents and solid contents are accommodated in one container body, and can be used by being selectively withdrawn through the upper and lower parts of the container body by means of the rotation of the container body, thereby facilitating portability and improving user convenience.

[0002] Generally, for putting on eye makeup and lip makeup, either liquid-type contents or solid-type contents can be selected according to a user's taste. Since an applying method is different according to liquid-type contents or solid-type contents, cosmetics are contained in different containers and sold.

[0003] For example, there are two types of conventional lipsticks used for lip makeup: a liquid-type lipstick and a solid-type lipstick. When using a solid-type lipstick, a user opens a lid of the solid-type lipstick and then rotates a rotating body provided at the bottom of the container to make a solid stick raised and protruded to the outside, and then lowers the stick to accommodate the stick into the container after using.

[0004] Furthermore, in case of a liquid-type lipstick, it is configured in a manner that an applying means such as a brush etc., is inserted and withdrawn in a first storage container, such that a user can use a liquid-type contents which are smeared on an application means when withdrawing, from the first storage container, the application means which is normally inserted in a first storage container.

[0005] A user can selectively use the solid-type lipstick and the liquid-type lipstick in accordance with his or her preference. Since solid-type lipsticks and liquid-type lipsticks are separately sold, a user should carry solid-type lipstick and/or liquid-type lipsticks respectively, which is a hassle for a user to carry and results in user inconvenience.

SUMMARY OF THE INVENTION

[0006] The present invention disclosed herein relates to a container for storing different types of contents, and more particularly, the present invention is to provide a container for storing different types of contents which is configured such that liquid-type contents and solid-type contents are accommodated in one container body, and can be used by being selectively withdrawn through the upper and lower parts of the container body by means of the rotation of the container body, thereby facilitating portability and improving user convenience.

[0007] To solve the problems described in the above, a container for storing different types of contents accord-

ing to embodiments of the present invention includes: a first storage container where liquid-type contents are stored; a second storage container where solid-type contents are stored; a container body which receives the first storage container and the second storage container, with an upper end and a lower end thereof open such that the first storage container and the second storage container can be inserted and withdrawn, further consisting of an upper rotation body with a spiral groove formed at both sides of an inner circumferential surface thereof and a lower rotation body rotatably coupled at a lower portion of the upper rotation body; an ascending/descending member which is coupled at an upper portion of the first storage container and forms a space where the second storage container is received, with an upper end thereof open such that the second storage container can be inserted and withdrawn, and ascends/descends by rotation of either the upper rotation body or the lower rotation body and moves either the first storage container or the second storage container; and an ascending/descending guide member which is coupled to the lower rotation body, encasing the ascending/descending member, and thereby ascends/descends the ascending/descending member while rotating along with rotation of the lower rotation body.

[0008] It is characterized in a way that the first storage container or the second storage container is configured to be withdrawn from the container body according to a rotation direction of the upper rotation body or the lower rotation body such that either liquid-type contents or solid-type contents can be used selectively.

[0009] Furthermore, a vertical guide groove is provided at both sides of the ascending/descending guide member so as to guide a vertical movement of the ascending/descending member, wherein the vertical guide groove includes a first vertical guide groove which is formed from an upper end to a lower portion of the ascending/descending guide member toward a lower portion thereof and guides an upward movement of the ascending/descending member when the upper rotation body or the lower rotation body rotates to one side, thereby making it possible the second storage container to be withdrawn to an upper portion of the upper rotation body; and a second vertical guide groove which extends from the first vertical guide groove and guides a downward movement of the ascending/descending member when the upper rotation body or the lower rotation body rotates to the other side, thereby making it possible for the first storage container to be withdrawn to a lower portion of the lower rotation body.

[0010] Furthermore, it is characterized in a way that at both sides of the ascending/descending member is provided a guide protrusion which is inserted into the vertical guide groove and the spiral groove and moves along the vertical guide groove and the spiral groove according to a rotation of the upper rotation body or the lower rotation body.

[0011] Furthermore, it is characterized in a way that

when the guide protrusion extends from the first vertical guide groove and moves to an upward direction along the first vertical guide groove, a first fixing groove which fixes the guide protrusion is provided, wherein at the first fixing groove is provided a first support protrusion which supports the guide protrusion.

[0012] Furthermore, it is characterized in a way that a second fixing groove, which fixes the guide protrusion when the guide protrusion moves to a downward direction along the second vertical guide groove, is formed, wherein at the second fixing groove is provided a second support protrusion which supports the guide protrusion.

[0013] Furthermore, it is characterized in a way that the ascending/descending member further includes a coupling part which is coupled to an upper portion of the first storage container, and a support which extends in a downward direction so as to be inserted in the first storage container, and a contents application tip which is coupled to an end of the support and sucks a liquid-type contents.

[0014] Furthermore, it is characterized in a way that at an upper portion of the first storage container is coupled a wiper which wipes liquid-type contents which smear at the contents application tip when the contents application tip is withdrawn out.

[0015] As described in the above, the present invention has a configuration wherein liquid-type contents and solid-type contents are accommodated in one container body, and can be selectively withdrawn out to an upper portion/a lower portion of the container body by means of rotation of the container body for being used, such that it is easy to be carried, and thereby user's convenience is improved.

BRIEF DESCRIPTION OF THE DRAWINGS

[0016]

FIG. 1 is an exploded perspective view illustrating a configuration of a container for storing different types of 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 different types of contents according to an exemplary embodiment of the present invention.

FIGS. 3 and 4 are explanatory diagrams illustrating a withdrawing procedure of a first storage container of the container for storing different types of contents according to an exemplary embodiment of the present invention.

FIGS. 5 and 6 are explanatory diagrams illustrating a withdrawing procedure of a second storage container of the container for storing different types of contents according to an exemplary embodiment of the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0017] 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.

[0018] FIG. 1 is an exploded perspective view illustrating a configuration of a container for storing different types of 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 different types of contents according to an exemplary embodiment of the present invention.

[0019] Referring to FIGS. 1 and 2, a container for storing different types of 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, an ascending/descending member 400, and an ascending/descending guide member 500.

[0020] The first storage container 100, storing a liquid-type contents (M1), comprises a discharging part 110 at an upper portion thereof such that liquid-type contents (M1) can be discharged, wherein a first screw thread 111 is formed at an outer circumferential surface of the discharging part 110 so as to be screw-coupled with the ascending/descending member 400.

[0021] Furthermore, the discharging part 110 is preferred to be coupled with a wiper 600 for sweeping the liquid-type contents (M1) which smear on the contents application tip 440 and collecting the liquid-type contents (M1) to the first storage container 100 when the contents application tip 440 is withdrawn out.

[0022] The second storage container 200 receives a solid-type contents (M2), the second storage container 200 is characterized to accommodate a solid-type contents in a state of being upside down in an interior of the container body 300, such that it is possible to shut off the contact with the outside air even when no separate cap is present.

[0023] Furthermore, the second storage container 200 is configured to expose a rotation support 210 to an upper portion of an upper rotation body 310 as an ascending/descending member 400 ascends when the upper rotation body 310 rotates to one side in a state of the second storage container 200 being received in the inside of the container body 300. Therefore, it is possible that a user presses the rotation support 210 exposed to an upper portion and withdraws the second storage container 200 out from the container body 300 and then uses solid-type contents through a rotation of the rotation support 210.

[0024] Meanwhile, the second storage container 200 includes a holder for supporting the solid-type contents (M2), a rotation support disposed at a lower portion of the holder and ascending/descending the holder by rotation thereof, a guide part for guiding the ascending/descending of the holder, and a receiving tube for inserting and withdrawing a solid-type contents (M2), wherein the

structures of the holder, the rotation support, the guide part, the receiving tube and the receiving tube are well known in the field of the art to which this invention belongs, and thus a detailed description thereof will be omitted.

[0025] The container body 300, which receives the first storage container 100 and the second storage container 200 and has a cylinder shape with an upper end and a lower end open such that the first storage container 100 and the second storage container 200 are inserted and withdrawn through the upper end and the lower thereof, comprises an upper rotation body 310 forming a spiral groove 311 at both sides of an inner circumferential surface for guiding a movement of the guide protrusion 410, and a lower rotation body 320 coupled rotatably at a lower portion of the upper rotation body 310.

[0026] In the present invention, the container body 300 is characterized in a way that the first storage container 100 or the second storage container 200 can be withdrawn from the container body 300 according to a rotation direction of the upper rotation body 310 or the lower rotation body 320. Due to this, a user can selectively use liquid-type contents (M1) or solid-type contents (M2) according to his/her choice.

[0027] The ascending/descending member 400, which is accommodated in an interior of the container body 300, is raised/lowered by the rotation of the upper rotation body 310 or the lower rotation body 320 and moves the first storage container 100 or the second storage container 200, further comprising at both sides thereof guide protrusions 410 which are inserted to a vertical guide grooves 510 and a spiral grooves 311 and move along the vertical guide groove 510 and the spiral groove 311 according to the rotation of the upper rotation body 310 or the lower rotation body 320, thereby making it possible that the first storage container 100 or the second storage container 200 are inserted/withdrawn from the container body 300.

[0028] The ascending/descending member 400 is coupled to an upper portion of the first storage container 100 and thereby is able to move along with the first storage container 100 while ascending/descending, further comprising a coupling part 420 formed with the second screw thread 421 at a lower portion thereof for being screw-coupled with the first screw thread 111 of the first storage container 100.

[0029] The coupling part 420 closes an opened upper portion of the first storage container, and thus prevent air from coming into the interior of the first storage container 100, further being provided with a support 430 at a center portion thereof which extends to a downward direction for being inserted to the first storage container 100, and a contents application tip 440 which is coupled at an end of the support 430 and absorbs liquid-type contents.

[0030] Meanwhile, at an upper portion of the ascending/descending member 400 is formed a space receiving the second storage container 200, wherein a solid contents reservoir 450 is provided. The solid contents res-

ervoir 450 has an opened upper end such that the second storage container 200 can be inserted and withdrawn.

[0031] The ascending/descending guide member 500 encasing the ascending/descending member 400 and coupled to the lower rotation body 320, thereby rotating according to a rotation of the lower rotation body 320 and ascending/descending the ascending/descending member 400, further comprising a vertical guide groove 510 for guiding a vertical movement of the ascending/descending member 400 at both sides thereof.

[0032] The vertical guide groove 510 comprises a first vertical guide groove 511 which is provided from an upper end of the ascending/descending guide member 500 toward a lower portion thereof, and guides an upward movement of the ascending/descending member 400 when the upper rotation body 310 or the lower rotation body 320 rotates to one side direction, thus making the second storage container 200 withdrawn to an upper portion of the upper rotation body 310; and a second vertical guide groove 512 which extends from the first vertical guide groove 511 and guides a downward movement of the ascending/descending member 400 when the upper rotation body 310 or the lower rotation body 320 rotates to the other side, thereby making the first storage container 100 withdrawn to a lower portion of the lower rotation body 320.

[0033] Meanwhile, at the ascending/descending guide member 500 is formed a first fixing groove 520 which extends from the first vertical guide groove 511 and fixes the guide protrusion 410 when the guide protrusion 410 moves in an upward direction along the first vertical guide groove 511, wherein at the first fixing groove 520 is provided a first support protrusion 521 which supports a guide protrusion 410 such that the guide protrusion 410 is prevented from separating from the first fixing groove 520 when the second storage container 200 is withdrawn in a state that the guide protrusion 410 is disposed at the first fixing groove 520.

[0034] Furthermore, at the ascending/descending guide member 500 is formed a second fixing groove 530 which extends from an end of the second vertical guide groove 512 and fixes the guide protrusion 410 when the guide protrusion 410 moves in a downward direction along the second vertical guide groove 512, wherein at the second fixing groove 530 is provided a second support protrusion 531 which supports the guide protrusion 410 such that the guide protrusion 410 is prevented from being separated from the second fixing groove 530 and thus the ascending/descending member 400 is prevented from moving when contents is applied through the contents application tip 440 in a state that the guide protrusion 410 is disposed at the second fixing groove 530.

[0035] Meanwhile, at the ascending/descending guide member 500 is provided a securing protrusion 100 to which the guide protrusion 410 is secured normally in a state that the container body 300 receives the first storage container 100 and the second storage container 200.

[0036] Hereafter, a procedure of the first storage con-

tainer of a container for storing different types of contents according to an exemplary embodiment of the present invention will be described with reference to FIGS. 3 and 4.

[0037] Referring to FIGS. 3 and 4, normally when an upper rotation body 310 or a lower rotation body 320 rotates to one side direction in a state of the guide protrusion 410 being secured at the securing protrusion 540, the guide protrusion 410 of the ascending/descending member 400 moves along the second vertical guide groove 512 and thereby the ascending/descending member 400 descends. Due to this, the first storage container 100 coupled to a lower portion of the ascending/descending member 400 descends along together and is withdrawn to a lower portion of the lower rotation body 320.

[0038] When the first storage container 100 is withdrawn to a lower portion of the lower rotation body 320 as in the above, the first storage container 100 rotates and then releases a screw combination of the ascending/descending member 400 and the first storage container 100, such that a contents application tip 440 is withdrawn from the first storage container 100 in a state of pressing the container body 300 and thereby it is possible to apply a lipstick makeup.

[0039] When applying a lipstick makeup as in the above by means of a contents application tip 440, a guide protrusion 410 gets disposed at a second fixing groove 530. It is preferred that a second support protrusion 531 supporting the guide protrusion 410 is provided at the second fixing groove 530 for preventing the guide protrusion 410 from being separated from the second fixing groove 530 by a pressure arising when the contents application tip 440 touches lips, and the ascending/descending member from moving.

[0040] Hereafter, referring to FIGS. 5 and 6, a withdrawal procedure of a second storage container of a container for storing different types of contents according to the preferred embodiments of the present invention will be described.

[0041] Referring FIGS. 5 and 6, normally when rotating an upper rotation body 310 or a lower rotation body 320 to one side direction in a state of the guide protrusion 410 being secured at the securing protrusion 540, the guide protrusion 410 of the ascending/descending member 400 moves along the first vertical guide groove 512 and thereby the ascending/descending member 400 ascends. Due to this, an ascending pressure is delivered to a rotation support 210 secured at an upper portion of the ascending/descending member 400, and ascends together with the second storage container 200, such that the rotation support 210 gets exposed to an upper portion of the upper rotation body 310.

[0042] When a rotation support 210 is exposed to an upper portion of an upper rotation body 310, as in the above, a user presses the rotation support 210 and withdraws a second storage container 200 from the container body 300, such that a user is able to use a solid-type

contents (M2) through a rotation of the rotation support 210.

[0043] As in the above, when the second storage container 200 is withdrawn from the container body 300, a guide protrusion 410 gets disposed at a first fixing groove 520. It is preferable to provide, at the first fixing groove 520, a first support protrusion 521 which supports the guide protrusion 410 for preventing the guide protrusion 410 from being separated from the first fixing groove 520 by a pressure withdrawing the second storage container 200.

[0044] As described in the above, according to a rotation direction of the upper rotation body 310 or the lower rotation body 320, the first storage container 100 or the second storage container 200 is withdrawn from the container body 300, such that a user can selectively use either a liquid-type contents or a solid-type contents.

[0045] Meanwhile, the drawings of the present invention illustrate a lipstick product, but a variety of different contents consisting of liquid-type contents or solid-type contents like a concealer, a highlighter, an eye brightener, eye primer, etc. can be selectively applicable to the present invention.

[0046] 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.

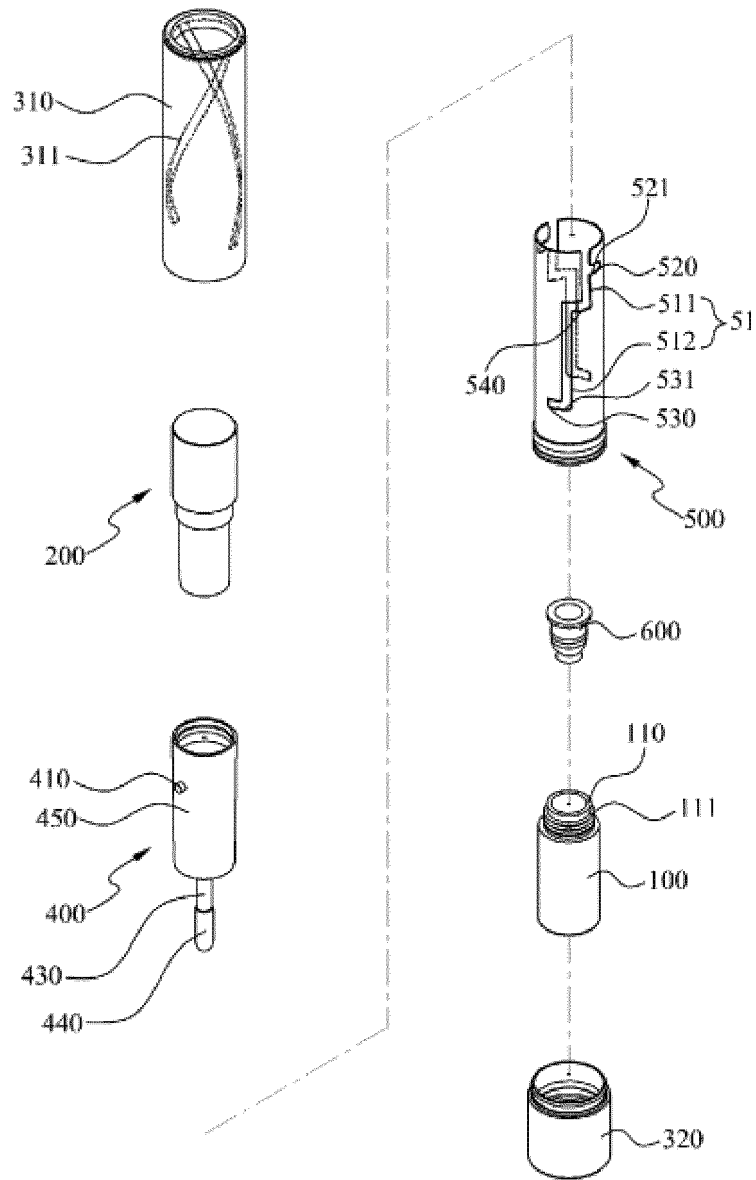
Claims

1. A container for storing different types of contents comprising:

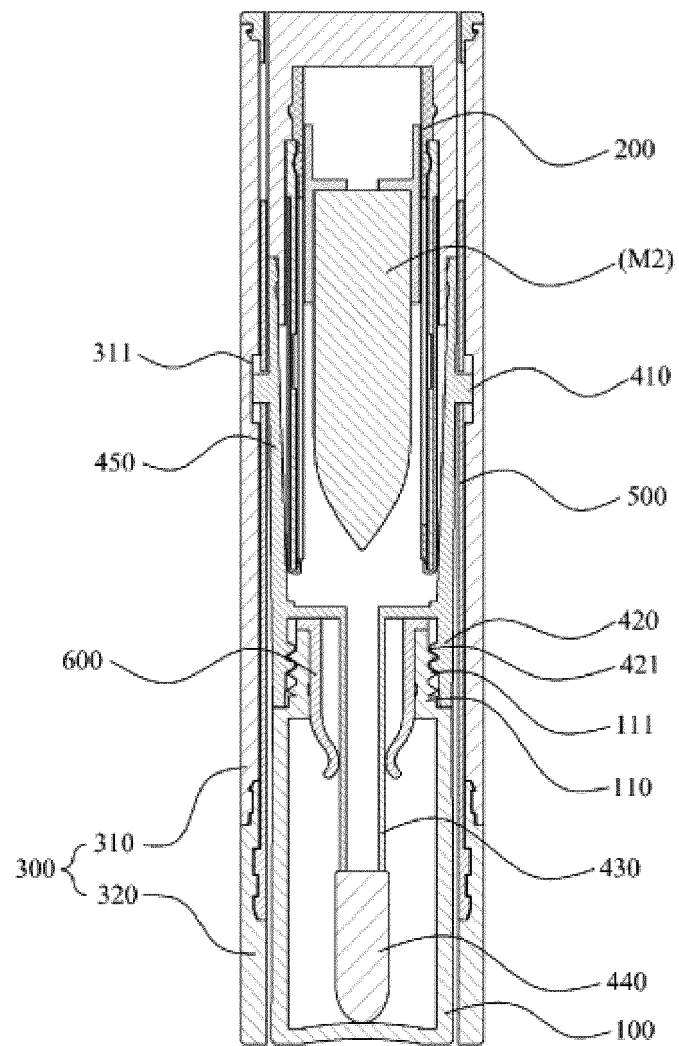
- a first storage container (100) storing a liquid-type contents;
- a second storage container (200) storing a solid-type contents;
- a container body, receiving the first storage container (100) and the second storage container (200) and having an upper end and a lower end open such that the first storage container (100) and the second storage container (200) may be inserted and withdrawn, further comprising an upper rotation body (310) with a spiral groove (311) formed at both sides of an inner circumferential surface thereof and a lower rotation body (320) rotatably coupled at a lower portion of the upper rotation body (310);
- an ascending/descending member (400) cou-

- pled at an upper portion of the first storage container (100) and forming a space where the second storage container (200) is received, further formed with an upper end thereof open such that the second storage container (200) can be inserted and withdrawn therethrough and thereby moving the first storage container (100) or the second storage container (200) while ascending/descending by a rotation of the upper rotation body (310) or the lower rotation body (320); and
 an ascending/descending guide member (500) encasing the ascending/descending member (400), coupled to the lower rotation body (320), and ascending/descending ascending/descending member (400) while rotating along with a rotation of the lower rotation body (320),
characterized in that
 either a liquid-type contents or a solid-type contents can be selectively used after the first storage container (100) or the second storage container (200) is withdrawn from the container body (300) according to a rotation direction of the upper rotation body (310) or the lower rotation body (320).
2. The container for storing different types of contents of claim 1,
 wherein a vertical guide groove (510) is formed at both sides of the ascending/descending guide member (500) for guiding a vertical movement of the ascending/descending member (400), wherein the vertical guide groove (510) comprises a first vertical guide groove (511) formed from an upper end to a lower portion of the ascending/descending guide member (500) and guiding an upward movement of the ascending/descending member (400) when the upper rotation body (310) or the lower rotation body (320) is rotated to one side direction, thereby making it possible for the second storage container (200) to be withdrawn to an upper portion of the upper rotation body (310), and a second vertical guide groove (512) extending from the first vertical guide groove (511) and guiding a downward movement of the ascending/descending member (400) when the upper rotation body (310) or the lower rotation body (320) is rotated to the other side direction, thereby making it possible for the first storage container (100) to be withdrawn to a lower portion of the lower rotation body (320).
 3. The container for storing different types of contents of claim 2,
 wherein a guide protrusion (410), inserted to the vertical guide groove (510) and the spiral groove (311) and moving along the vertical guide groove (510) and the spiral groove (311) by a rotation of the upper rotation body (310) or the lower rotation body (320),
 is formed at both sides of the ascending/descending member (400).
 4. The container for storing different types of contents of claim 3,
 wherein a first fixing groove (520), extending from the first vertical guide groove (511) and fixing the guide protrusion (410) when the guide protrusion (410) moves to an upward direction along the first vertical guide groove (511), is formed, wherein a first support protrusion (521) supporting the guide protrusion (410) is provided at the first fixing groove.
 5. The container for storing different types of contents of claim 3,
 wherein a second fixing groove (530), fixing the guide protrusion (410) when the guide protrusion (410) moves to a downward direction along the second vertical guide groove (512) is formed at an end of the second vertical guide groove (512), wherein a second support protrusion (531) supporting the guide protrusion (410) is provided at the second fixing groove (530).
 6. The container for storing different types of contents of claim 1,
 wherein the ascending/descending member (400) further comprises a coupling part (420) screw-coupled to an upper portion of the first storage container (100), a support (430) extending to a downward direction for being inserted to the first storage container (100), and a contents application tip (440) coupled to an end of the support (430) and absorbing a liquid-type contents.
 7. The container for storing different types of contents of claim 6,
 wherein at an upper portion of the first storage container (100) is coupled a wiper (600) wiping a liquid-type contents smeared on the contents application tip (440) when the contents application tip (440) is withdrawn.

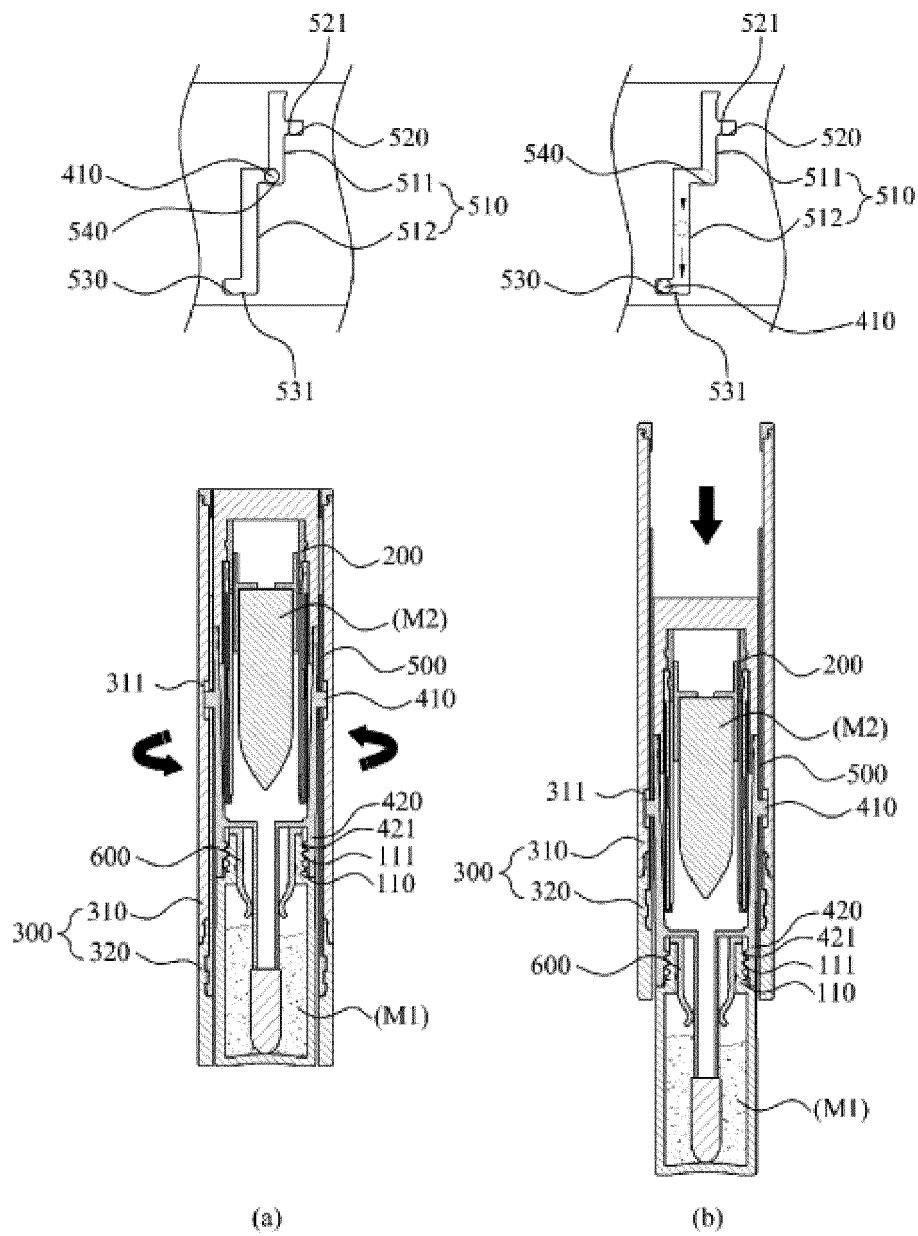
[Fig. 1]



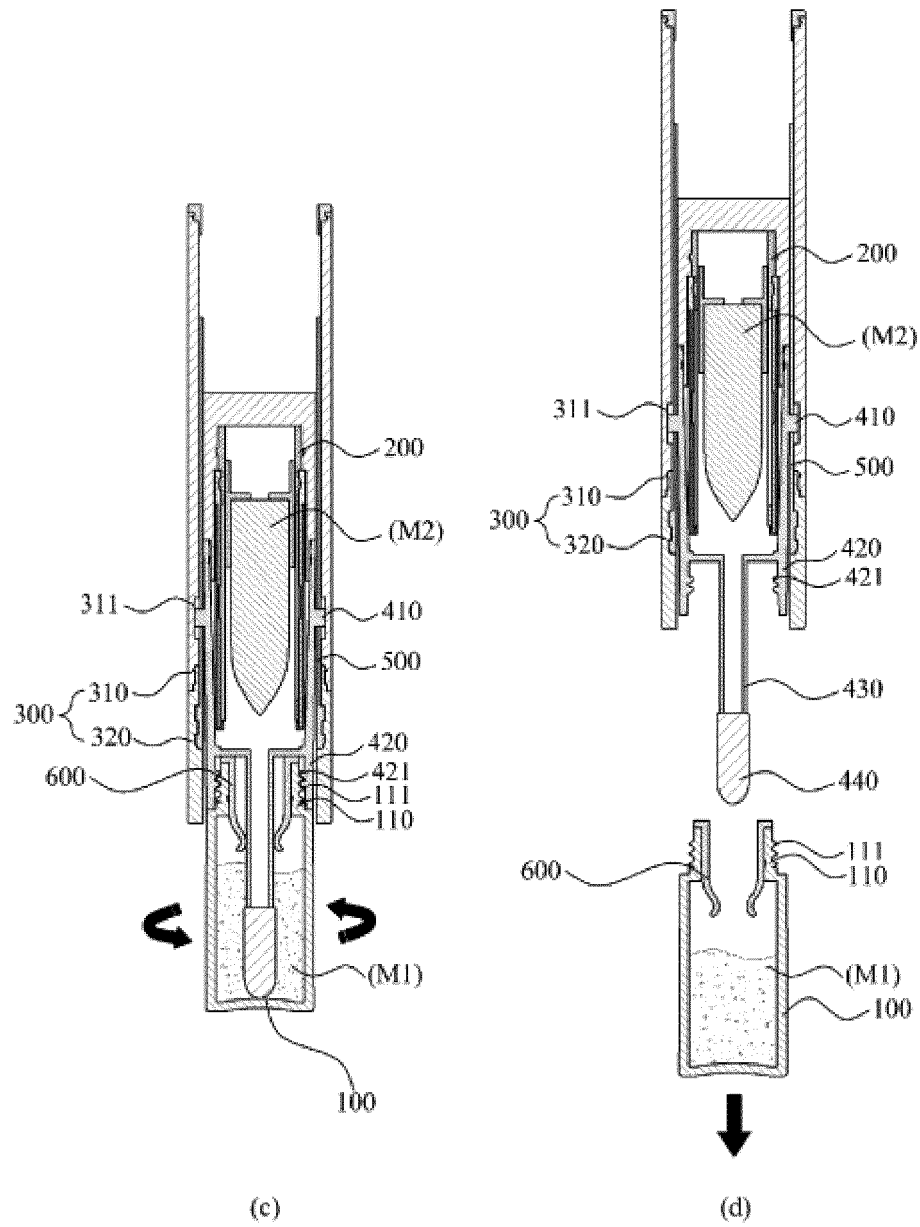
[Fig. 2]



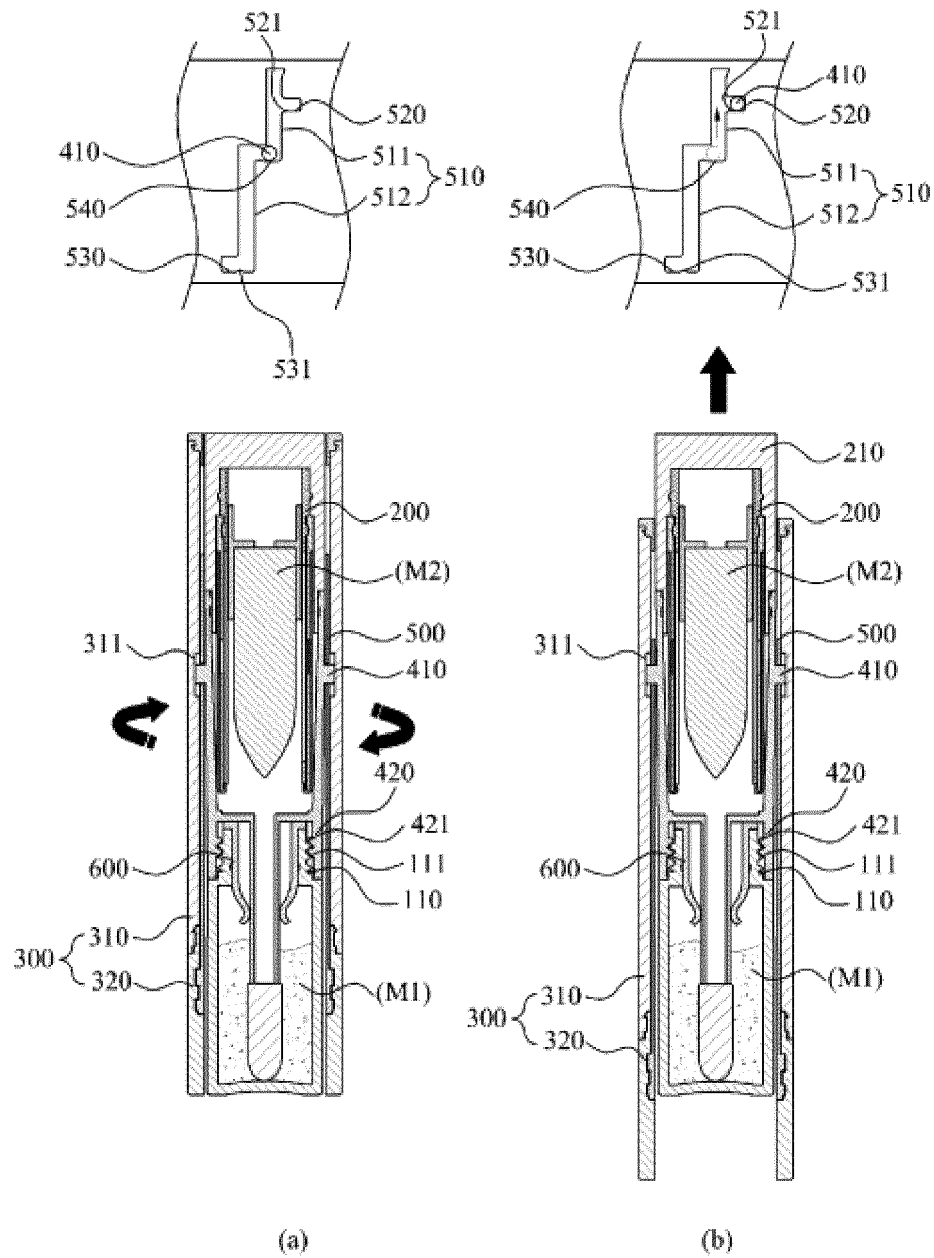
[Fig. 3]



[Fig. 4]



[Fig. 5]



[Fig. 6]

