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(54) **COSMETIC CONTAINER**

(71) Applicant: **MINJIN CO., LTD.**, Gyeonggi-do (KR)

(72) Inventor: **Keun Seo KI**, Suwon (KR)

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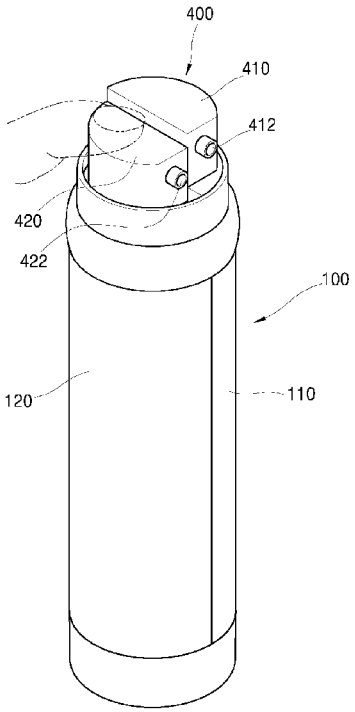
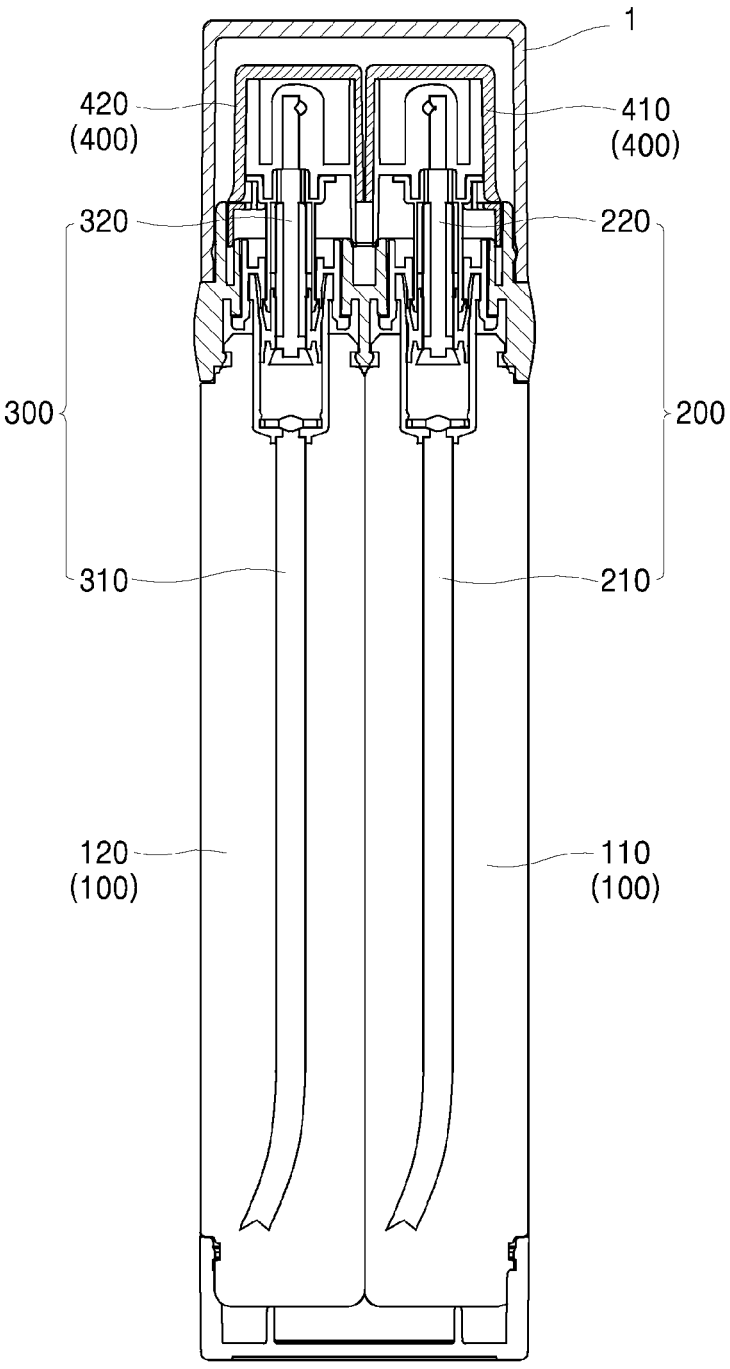
(57) **ABSTRACT**

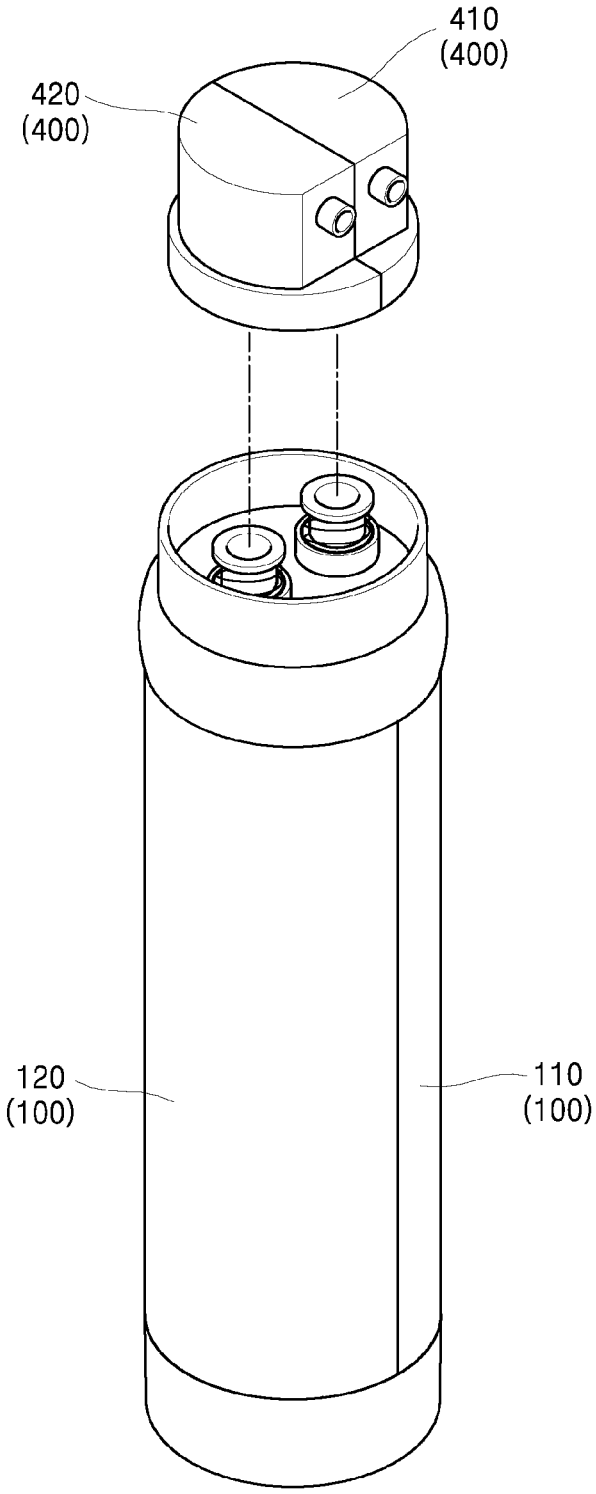
The present invention may provide a cosmetic container including: a container part (**100**) that includes a first container (**110**) including a first composition and a second container (**120**) including a second composition and is formed by combining the first container (**110**) and the second container (**120**); a first airless pump module (**200**) that includes a first intake tube (**210**) and a first pipe (**220**) communicating with the first intake tube (**210**) and is mounted on the first container (**100**); a second airless pump module (**300**) that includes a second intake tube (**310**) and a second pipe (**320**) communicating with the second intake tube (**310**) and is mounted on the second container (**120**); and a pressing unit (**400**) that includes a first pressing cap (**410**) having a first intake hole (**411**) connected with the first pipe (**220**) and a first dispense hole (**412**) for dispensing the first composition in the first intake hole (**411**), and a second pressing cap (**420**) having a second intake hole (**421**) connected with the second pipe (**320**) and a second dispense hole (**422**) for dispensing the second composition in the second intake hole (**421**), wherein the first pressing cap (**410**) and the second pressing cap (**420**) are combined and disposed on the top of the container (**100**) to be vertically movable, a rail (**414**) is vertically and convexly formed on a coupling side of the first pressing cap (**410**), and a rail groove (**424**) where the rail (**414**) is inserted is vertically and concavely formed on a coupling side of the second pressing cap (**420**), so the first pressing cap (**410**) and the second pressing cap (**420**) independently move.



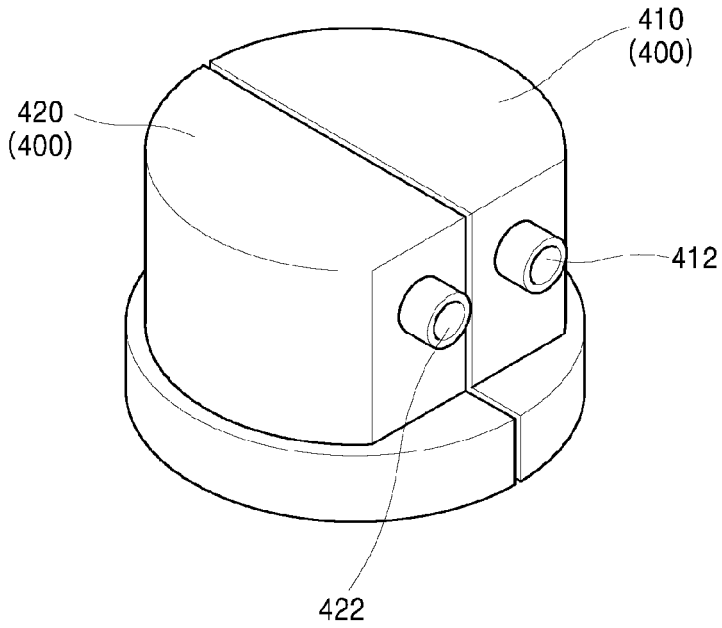
[FIG. 1]



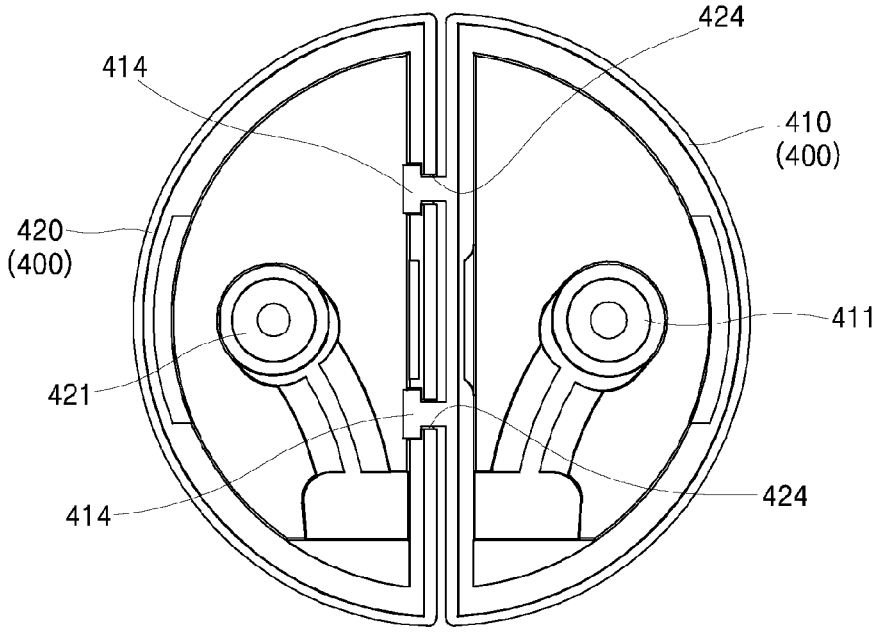
[FIG. 2]



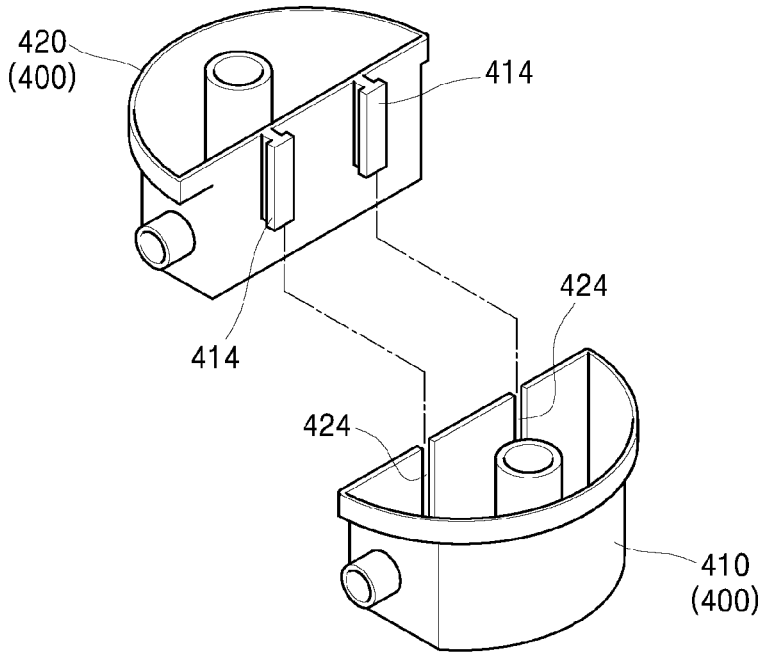
[FIG. 3]



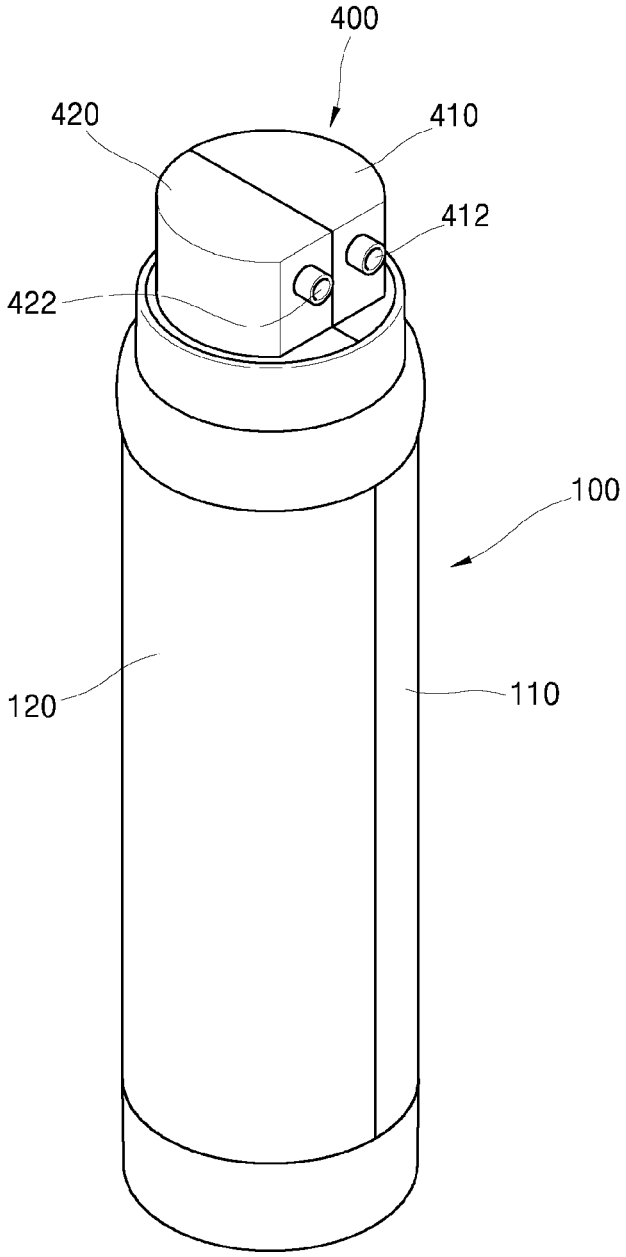
[FIG. 4]



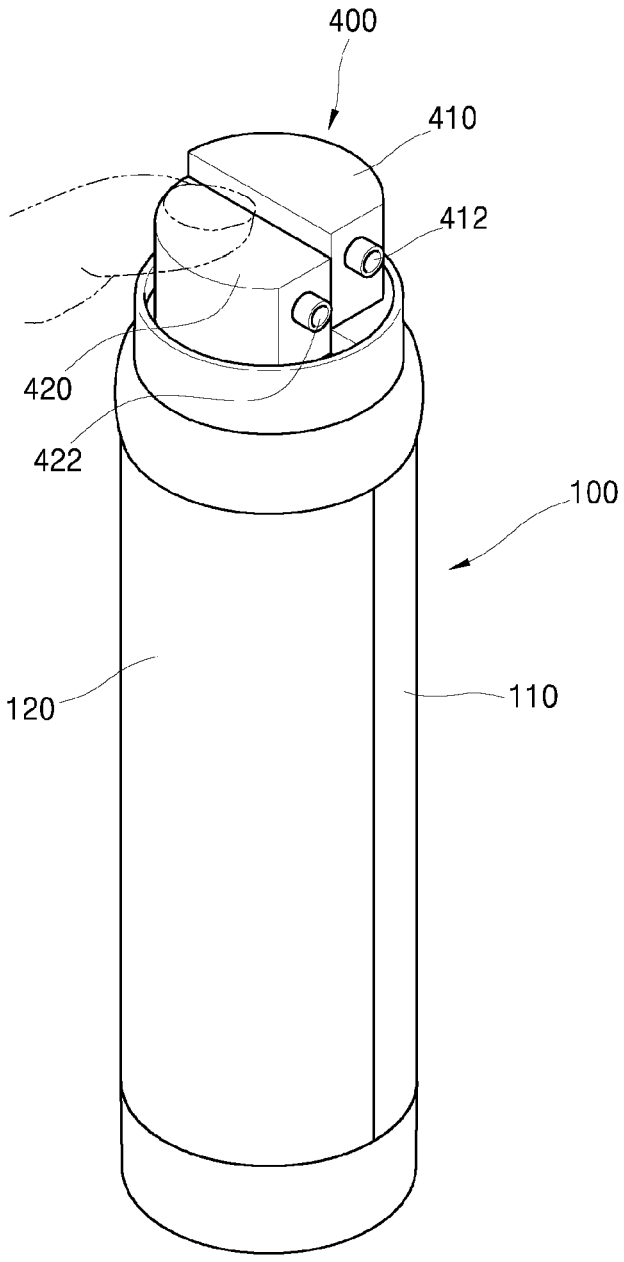
[FIG. 5]



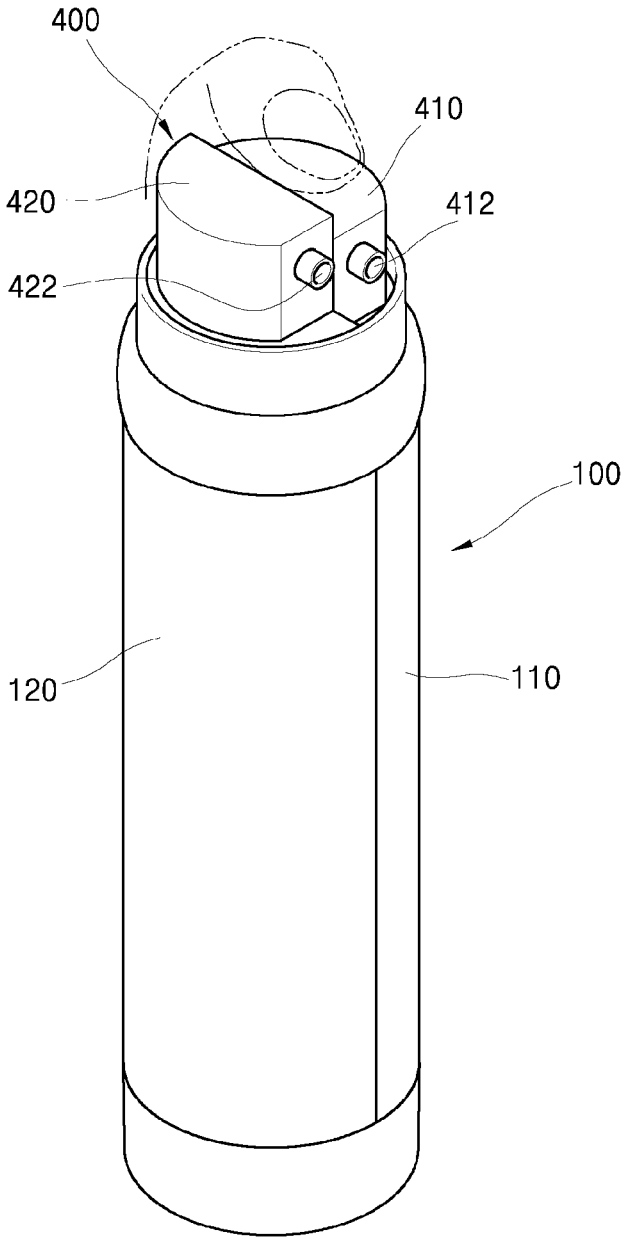
[FIG. 6]



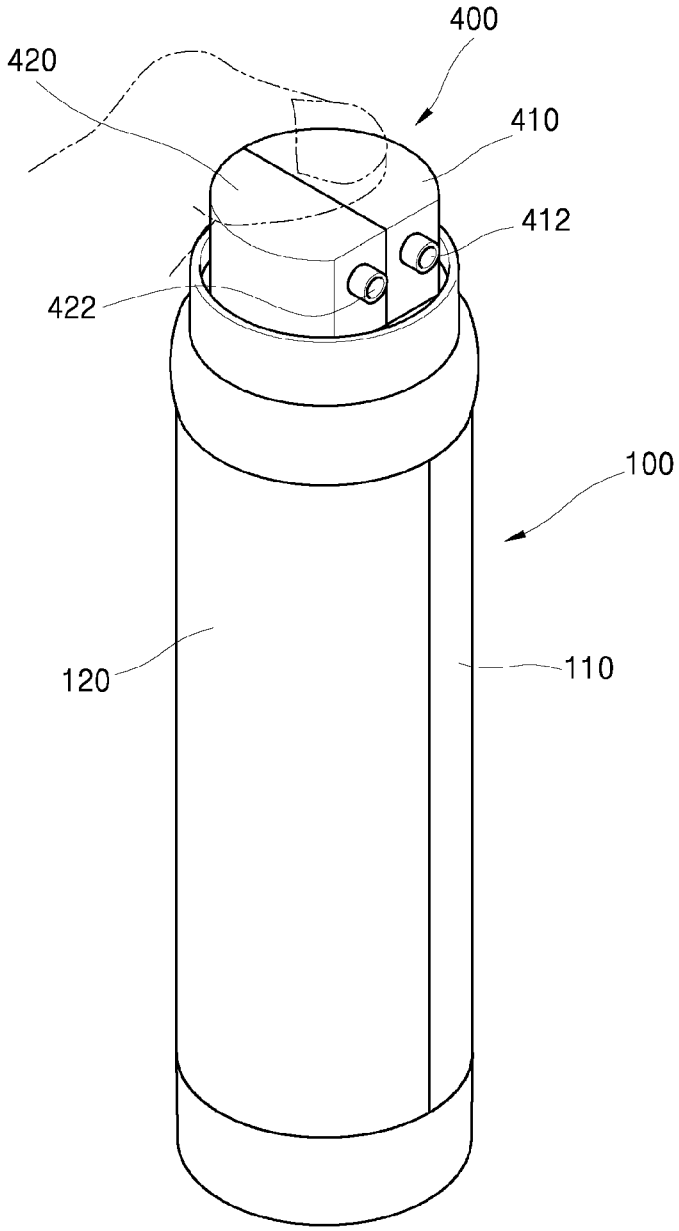
[FIG. 7]



[FIG. 8]



[FIG. 9]



COSMETIC CONTAINER

TECHNICAL FIELD

[0001] The present invention relates to a cosmetic container, and more particularly, a dual type cosmetic container that can keep and dispense two kinds of compositions.

BACKGROUND ART

[0002] Most containers for keeping a make-up use an airless pump type. Those cosmetic containers are convenient to dispense a predetermined amount of liquid-state or emulsion type make-up, and particularly, dispense a small amount of make-up kept therein, so the make-up is prevented from coming in contact with air and the entire make-up is prevented from being contaminated.

[0003] On the other hand, dual type cosmetics providing two effects with one product have been on the market. Those cosmetics separately keep two kinds of compositions in one container and mix them in use. Those cosmetics can emphasize the inherent features of the composition to customers, in addition to increasing the function of the compositions, so they contribute to increasing the commercial value of products.

[0004] There is a need for a cosmetic container that has a structure separately keeping compositions and can dispense them in order to keep and dispense the dual type cosmetics.

[0005] A cosmetic container having two airless pumps has been disclosed in Korean Utility Model Application Publication No. 2013-0003847 (published on 28 Jun. 2013, hereafter, called this document). The cosmetic container proposed in this document has a receiving unit that can separately keep different make-ups in a container body and includes two airless pumps disposed in parallel over the receiving unit.

[0006] A push button is provided on the two airless pumps, and two discharge pipe and two dispense holes are formed in the push button, so when the push button is pressed, compositions are discharged from the two airless pumps to the outside through the discharge pipes and the dispense holes.

[0007] With respect to the two airless pumps, the lengths from the discharge pipes to the dispense holes, the lengths of the discharge pipes, and the positions of the dispense holes are the same, so when the push button is pressed once, the same amounts of compositions are discharged from the two dispense holes, respectively.

[0008] However, the compositions may be different in viscosity, so they may be discharged in different amounts of the compositions when a user presses the push button once. In particular, when the viscosity difference is large, the discharged amounts may be largely different. When the difference of discharged amount of the compositions is large, any one of the compositions is left and thrown away.

[0009] In general, considering that two compositions having different functions are combined in a product and they may be largely different in viscosity, this problem greatly reduces the commercial value of the product.

[0010] Further, such a cosmetic container simultaneously disposes two kinds of compositions when a user presses a push button once, so it cannot dispense only any one of the two kinds of compositions.

DISCLOSURE

Technical Problem

[0011] Accordingly, in order to solve the problems, an object of the present invention is to provide a cosmetic container that can keep and dispose two kinds of compositions separately.

[0012] In particular, an object of the present invention is to provide a cosmetic container that can separately keep and dispense two kinds of compositions while having the shape of a common cosmetic container keeping and discharging one composition.

[0013] Objects of the present invention are not limited thereto and other objects not stated herein may be clearly understood by those skilled in the art.

Technical Solution

[0014] In order to achieve the objects, the present invention may provide a cosmetic container including: a container part **100** that includes a first container **110** including a first composition and a second container **120** including a second composition and is formed by combining the first container **110** and the second container **120**; a first airless pump module **200** that includes a first intake tube **210** and a first pipe **220** communicating with the first intake tube **210** and is mounted on the first container **100**; a second airless pump module **300** that includes a second intake tube **310** and a second pipe **320** communicating with the second intake tube **310** and is mounted on the second container **120**; and a pressing unit **400** that includes a first pressing cap **410** having a first intake hole **411** connected with the first pipe **220** and a first dispense hole **412** for dispensing the first composition in the first intake hole **411**, and a second pressing cap **420** having a second intake hole **421** connected with the second pipe **320** and a second dispense hole **422** for dispensing the second composition in the second intake hole **421**, in which the first pressing cap **410** and the second pressing cap **420** are combined and disposed on the top of the container **100** to be vertically movable, a rail **414** is vertically and convexly formed on a coupling side of the first pressing cap **410**, and a rail groove **424** where the rail **414** is inserted is vertically and concavely formed on a coupling side of the second pressing cap **420**, so the first pressing cap **410** and the second pressing cap **420** independently move.

[0015] Preferably, the coupling sides of the first pressing cap **410** and the second pressing cap **420** may be vertically formed.

[0016] Preferably, a projection may be formed at ends of the rail **414** to lock the rail **414** to the rail groove **424** so that the first pressing cap **410** and the second pressing cap **420** are horizontally locked to each other.

[0017] Preferably, the first pressing cap **410** and the second pressing cap may be formed in a half cylindrical shape.

Advantageous Effects

[0018] According to the cosmetic container of an embodiment of the present invention, two pressing caps connected with two airless pump modules, respectively, and independently moving are provided, so it is possible to dispense different kinds of compositions simultaneously or independently.

DESCRIPTION OF DRAWINGS

[0019] FIG. **1** is a cross-sectional view of a cosmetic container according to an embodiment of the present invention.

[0020] FIG. **2** is a view showing a pressing unit coupled to a container part.

[0021] FIG. **3** is a view showing the pressing unit composed of a first pressing cap and a second pressing cap.

[0022] FIG. **4** is a view showing the bottom of the pressing unit shown in FIG. **3**.

[0023] FIG. **5** is a view showing rails and rail grooves on the first pressing cap and the second pressing cap.

[0024] FIG. **6** is a perspective view showing the cosmetic container shown in FIG. **1**.

[0025] FIG. **7** is a view showing the cosmetic container with only the first pressing cap pressed.

[0026] FIG. **8** is a view showing the cosmetic container with only the second pressing cap pressed.

[0027] FIG. **9** is a view showing the cosmetic container with both of the first pressing cap and the second pressing cap pressed.

BEST MODE

[0028] Hereinafter, embodiments of the present invention will be described in detail with reference to the accompanying drawings. First, in the specification, in giving reference numerals to components throughout the drawings, it should be noted that like reference numerals designate like components even though the components are shown in different drawings. Further, although exemplary embodiments of the present invention will be described hereafter, the spirit of the present invention is not limited thereto and may be modified and implemented in various ways by those skilled in the art.

[0029] Terms including ordinal numbers such as first and second can be used for describing various components, but the components are not limited by the terms. The terms are used only for discriminating one component from another component. For example, a second component may be referred to as a first component, and the first components may also be referred to as the second component without departing from the scope of the present invention. A term 'and/of' includes combinations of a plurality of relevant items or any one a plurality of relevant items.

[0030] Terms used in the present specification are used only in order to describe specific exemplary embodiments rather than limiting the present invention. Singular forms are intended to include plural forms unless the context clearly indicates otherwise. It will be further understood that the terms "comprises" or "have" used in this specification, specify the presence of stated features, steps, operations, components, parts, or a combination thereof, but do not preclude the presence or addition of one or more other features, numerals, steps, operations, components, parts, or a combination thereof.

[0031] FIG. **1** is a cross-sectional view showing a cosmetic container according to an embodiment of the present invention. FIG. **1** clearly shows main parts for conceptual clear understanding, so they may be modified in various ways and the scope of the present invention is not limited to specific shapes in the drawings.

[0032] Referring to FIG. **1**, a cosmetic container according to an embodiment of the present invention may include a container part **100**, a first airless pump module **200**, a second airless pump module **300**, and a pushing unit **400**.

[0033] First, the container part **100** may be formed such that a first container **110** and a second container **120** form a container body by being combined with each other. The first container **110** and the second container **120** has an internal space for keeping a different composition therein, and the internal spaces may have the same volume, but the present invention is not limited thereto.

[0034] The first container **100** and the second container **200** may be combined to make a cylindrical container body to form a container body, and concave areas and convex areas of the contact sides of the first container **100** and the second container **200** may be in contact with each other to be more strongly combined.

[0035] The top of the container part **100** may be covered with a cap **1**.

[0036] The first airless pump module **200** may be mounted on the first container **110**. The second airless pump module **400** may be mounted on the second container **120**.

[0037] The first airless pump module **200** has a first intake tube **210** at the lower portion and a first pipe **220** connected with the first intake tube **210**. The first intake tube **210** communicates with the internal space of the first container **100** to take a composition inside. The first pipe **220** guides the composition taken in side through the first intake tube **310** to the pressing unit **400**.

[0038] The second airless pump module **300** has a second intake tube **310** at the lower portion and a second pipe **320** connected with the second intake tube **310**. The second intake tube **310** communicates with the internal space of the second container **200** to take a composition inside. The second pipe **320** guides the second composition taken inside through the second intake tube **310** to the pressing unit **400**.

[0039] FIG. **2** is a view showing a pressing unit coupled to a container part, FIG. **3** is a view showing the pressing unit composed of a first pressing cap and a second pressing cap, FIG. **4** is a view showing the bottom of the pressing unit shown in FIG. **3**, and FIG. **5** is a view showing rails and rail grooves on the first pressing cap and the second pressing cap.

[0040] Referring to FIGS. **2** to **5**, the pressing unit **400** is disposed at the top of the container part **100** to be vertically movable, so when it is pressed and moved up/down, it transmits a pumping force to the first airless pump module **200** and the second airless pump module **300**. The pressing unit **400** may be formed by combining the first pressing cap **410** and the second pressing cap **420**.

[0041] First, the first pressing cap **410** may have a first intake hole **411** formed toward the bottom therein. The first intake hole **411** may communicate with the first pipe **220** of the first airless pump module **200** to take a composition inside. A first dispense hole **412** may be formed at the front of the first pressing cap **410**. The first dispense hole **412** communicates with the first intake hole **411** to dispense the composition taken inside through the first intake hole **411**.

[0042] The first intake hole **411** and the first dispense hole **412** may be formed perpendicular to each other.

[0043] Next, the second pressing cap **420** may have a second intake hole **421** formed toward the bottom therein. The second intake hole **421** may communicate with the second pipe **320** of the second airless pump module **300** to take a composition inside. A second dispense hole **422** may be formed at the front of the second pressing cap **420**. The

second dispense hole **422** communicates with the second intake hole **421** to dispense the composition taken inside through the second intake hole **421**.

[0044] The first pressing cap **410** and the second pressing cap **420** may be formed in a half cylindrical shape and form one cylindrical pressing unit **400** by being combined. In an embodiment, the coupling sides of the first pressing cap **410** and the second pressing cap **420** may be vertically formed and the first pressing cap **410** and the second pressing cap **420** may vertically move with respect to each other long the coupling sides.

[0045] In detail, a rail **414** may be vertically and convexly formed on the coupling side of the first pressing cap **410**. Further, a rail groove **424** where the rail **414** is inserted to slide may be vertically and concavely formed on the coupling side of the second pressing cap **420**. A projection may be formed at the ends of the rail **414** to prevent the rail **414** from separating from the rail groove **424**.

[0046] The first pressing cap **410** and the second pressing cap **420** can independently move without influencing the movement of each other, when an external force is applied. Accordingly, the first airless pump module **200** and the second airless pump module **300** can be independently operated, when a user presses the pressing caps.

[0047] FIG. **6** is a perspective view showing the cosmetic container shown in FIG. **1**.

[0048] AS show in FIG. **6**, the first pressing cap **410** and the second pressing cap **420** are mounted on the container part **100** in contact with each other, so the single pressing unit **400** can be achieved.

[0049] FIG. **7** is a view showing the cosmetic container with only the first pressing cap pressed. FIG. **8** is a view showing the cosmetic container with only the second pressing cap pressed. FIG. **9** is a view showing the cosmetic container with both of the first pressing cap and the second pressing cap pressed.

[0050] As shown in FIG. **7**, a user can dispense only the composition in the second container **120** through the second dispense hole **422** by pressing only the second pressing cap **420**.

[0051] Further, as shown in FIG. **8**, a user can dispense only the composition in the first container **110** through the first dispense hole **412** by pressing only the first pressing cap **410**.

[0052] Further, as shown in FIG. **9**, a user can simultaneously dispense the compositions in the first container **110** and the second container **120** by simultaneously pressing the first pressing cap **410** and the second pressing cap **420**.

[0053] A cosmetic container according to an embodiment of the present invent was described in detail with reference to the drawings.

[0054] The above description is an example that explains the spirit of the present invention and may be changed, modified, and replaced in various ways without departing from the basic features of the present invention by those skilled in the art. Accordingly, the embodiment described herein and the accompanying drawings re provided not to limit, but to explain the spirit of the present invention and the spirit and the scope of the present invention are not limited by the embodiments and the accompanying drawings. The protective range of the present disclosure should be construed on the basis of claims and all the technical spirits in the equivalent range should be construed as being included in the scope of the right of the present disclosure.

1. A cosmetic container comprising:

a container part (**100**) that includes a first container (**110**) including a first composition and a second container (**120**) including a second composition and is formed by combining the first container (**110**) and the second container (**120**);

a first airless pump module (**200**) that includes a first intake tube (**210**) and a first pipe (**220**) communicating with the first intake tube (**210**) and is mounted on the first container (**100**);

a second airless pump module (**300**) that includes a second intake tube (**310**) and a second pipe (**320**) communicating with the second intake tube (**310**) and is mounted on the second container (**120**); and

a pressing unit (**400**) that includes a first pressing cap (**410**) having a first intake hole (**411**) connected with the first pipe (**220**) and a first dispense hole (**412**) for dispensing the first composition in the first intake hole (**411**), and a second pressing cap (**420**) having a second intake hole (**421**) connected with the second pipe (**320**) and a second dispense hole (**422**) for dispensing the second composition in the second intake hole (**421**),

wherein the first pressing cap (**410**) and the second pressing cap (**420**) are combined and disposed on the top of the container (**100**) to be vertically movable, a rail (**414**) is vertically and convexly formed on a coupling side of the first pressing cap (**410**), and a rail groove (**424**) where the rail (**414**) is inserted is vertically and concavely formed on a coupling side of the second pressing cap (**420**), so the first pressing cap (**410**) and the second pressing cap (**420**) each independently move.

2. The cosmetic container of claim **1**, wherein the coupling sides of the first pressing cap (**410**) and the second pressing cap (**420**) are vertically formed.

3. The cosmetic container of claim **2**, wherein a projection is formed at ends of the rail (**414**) to lock the rail (**414**) to the rail groove (**424**) so that the first pressing cap (**410**) and the second pressing cap (**420**) are horizontally locked to each other.

4. The cosmetic container of claim **4**, wherein the first pressing cap (**410**) and the second pressing cap (**420**) are formed in a half cylindrical shape.

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