



US 20180078018A1

(19) **United States**

(12) **Patent Application Publication**

Lee et al.

(10) **Pub. No.: US 2018/0078018 A1**

(43) **Pub. Date: Mar. 22, 2018**

(54) **COSMETIC POWDER CASE**

Publication Classification

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(51) **Int. Cl.**

A45D 33/00 (2006.01)

A45D 33/02 (2006.01)

A45D 42/02 (2006.01)

B65D 83/06 (2006.01)

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(52) **U.S. Cl.**

CPC *A45D 33/005* (2013.01); *B65D 83/06*
(2013.01); *A45D 42/02* (2013.01); *A45D*
33/025 (2013.01)

(21) Appl. No.: **15/564,513**

(22) PCT Filed: **Apr. 6, 2016**

(86) PCT No.: **PCT/KR2016/003573**

§ 371 (c)(1),

(2) Date: **Oct. 5, 2017**

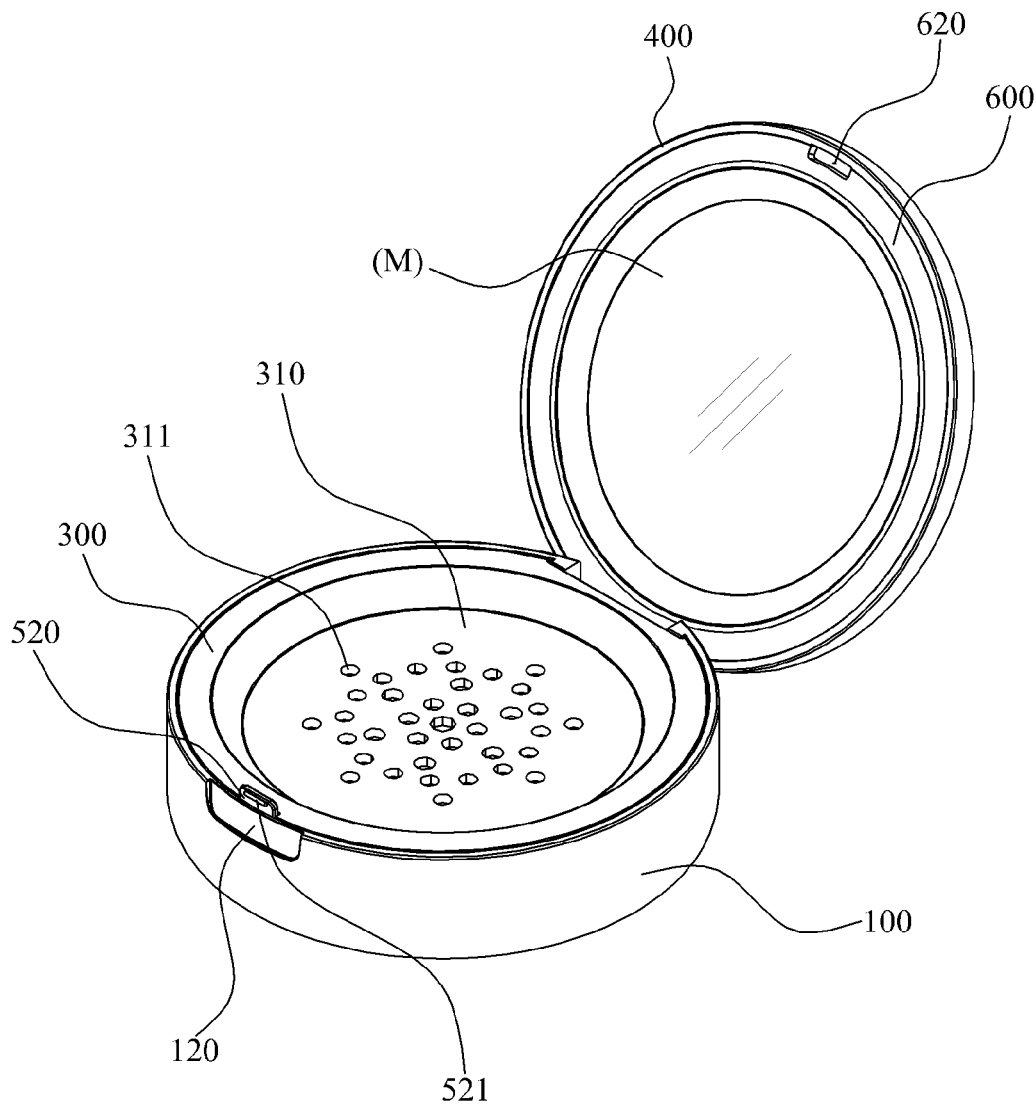
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ABSTRACT

A cosmetic powder container that, when softly pressurized, as rubbing upward a lower surface of a rubber container where contents are stored in a state of an upper case being opened, the rubber container is deformed and thereby contents are discharged in an extrusive manner, therefore making it possible to discharge contents as needed while checking the contents being discharged with user's eyes.

(30) **Foreign Application Priority Data**

Apr. 6, 2015 (KR) 10-2015-0048289



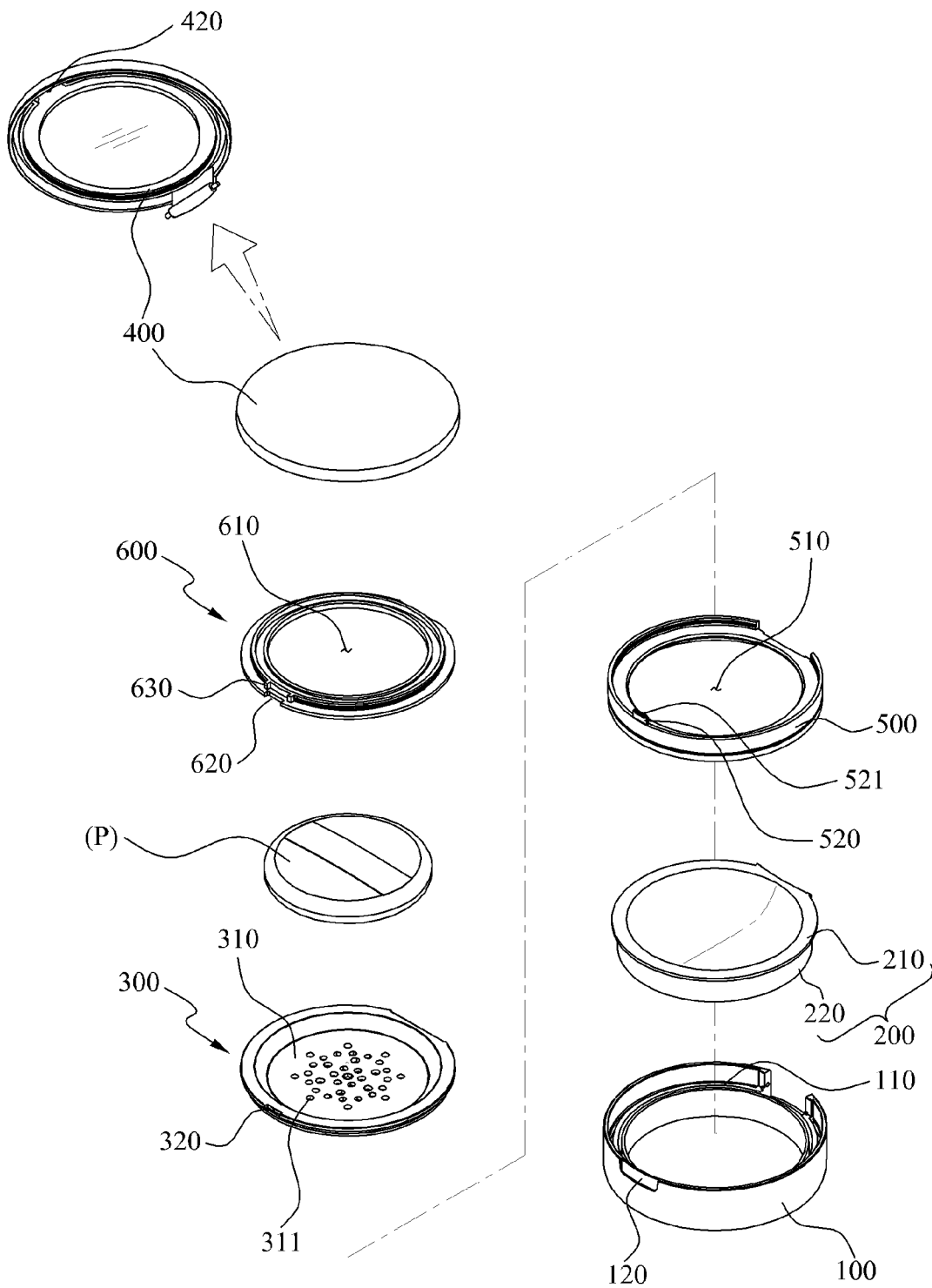


FIG. 1

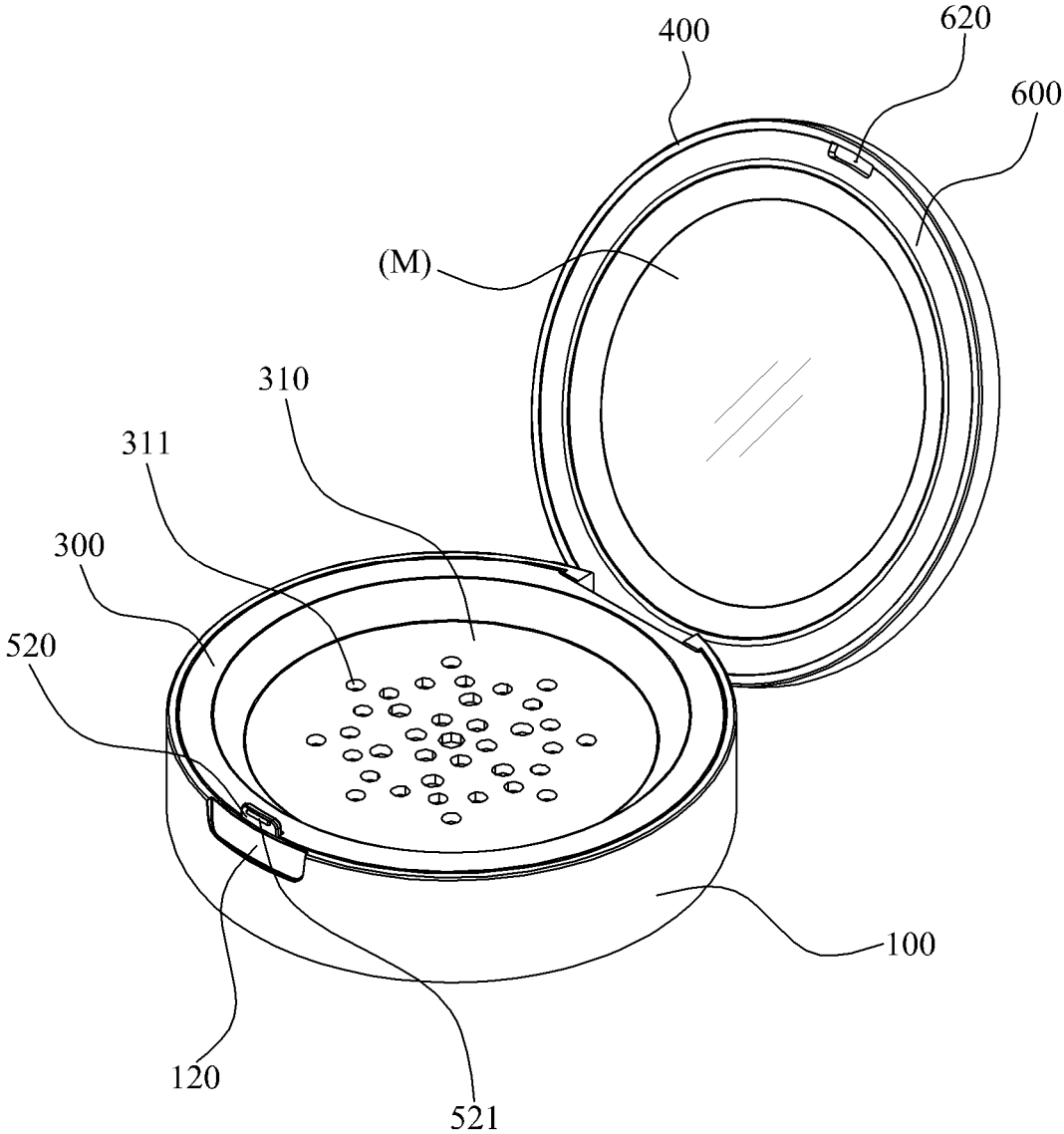


FIG. 2

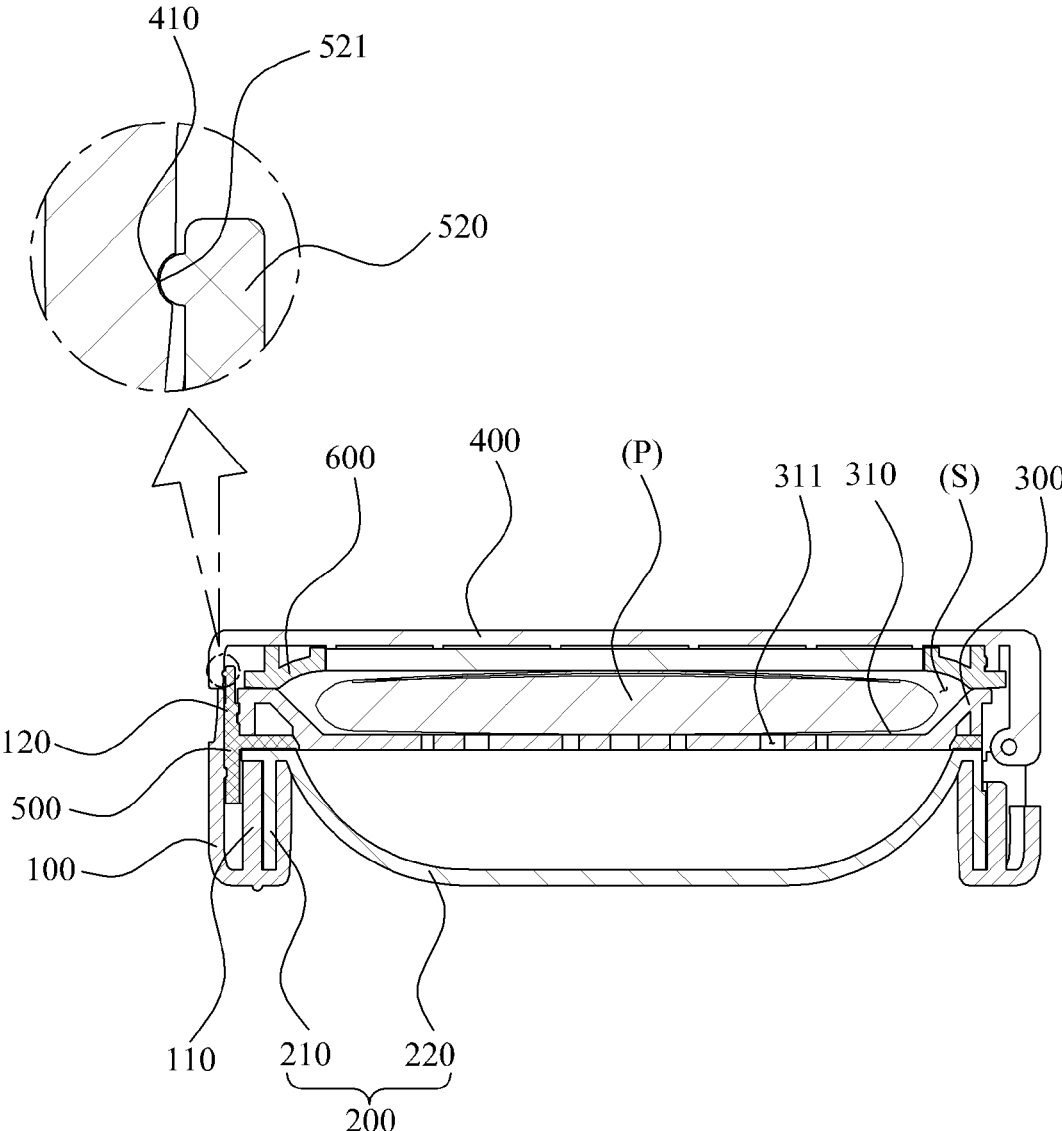


FIG. 3

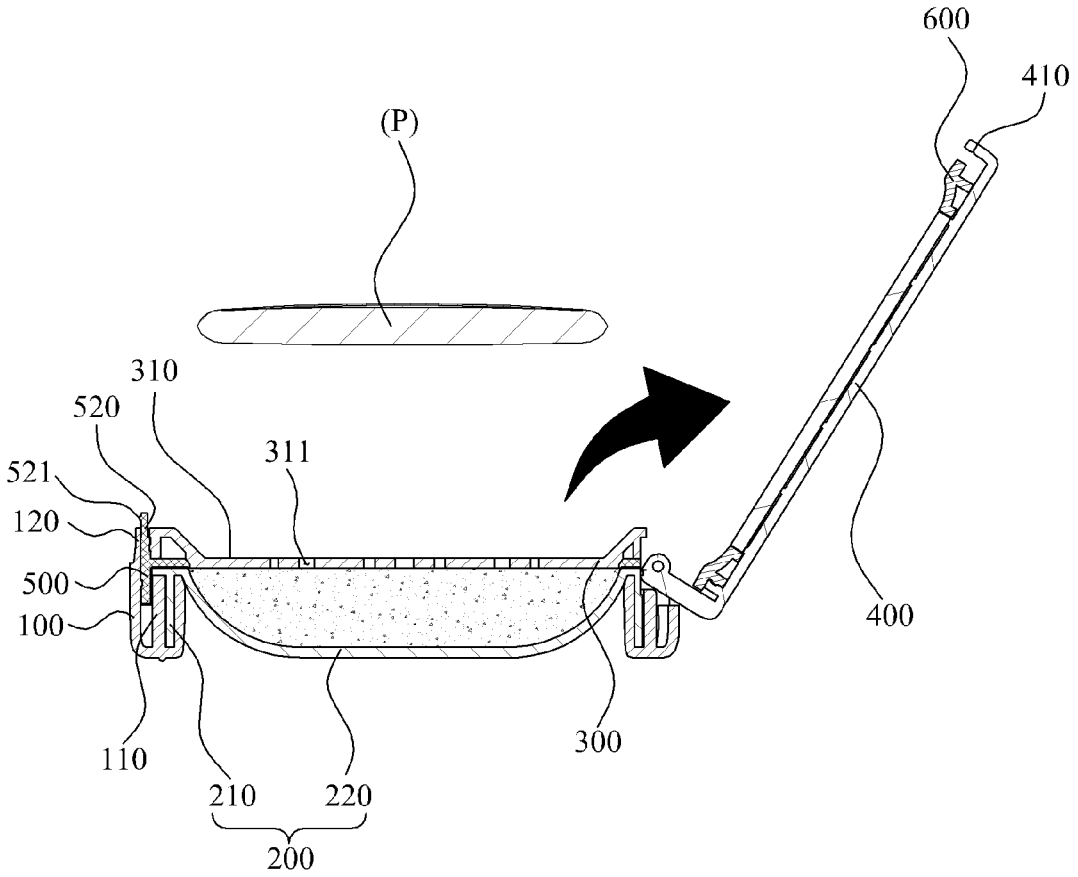


FIG. 4

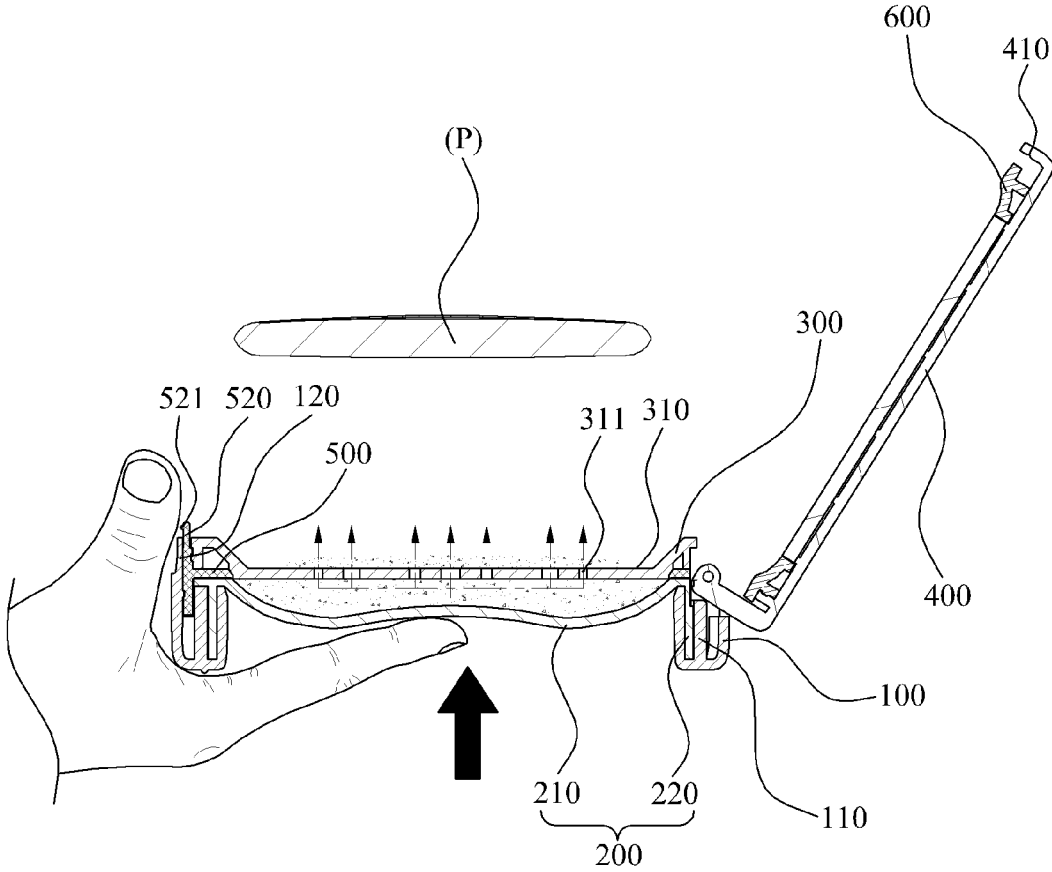


FIG. 5

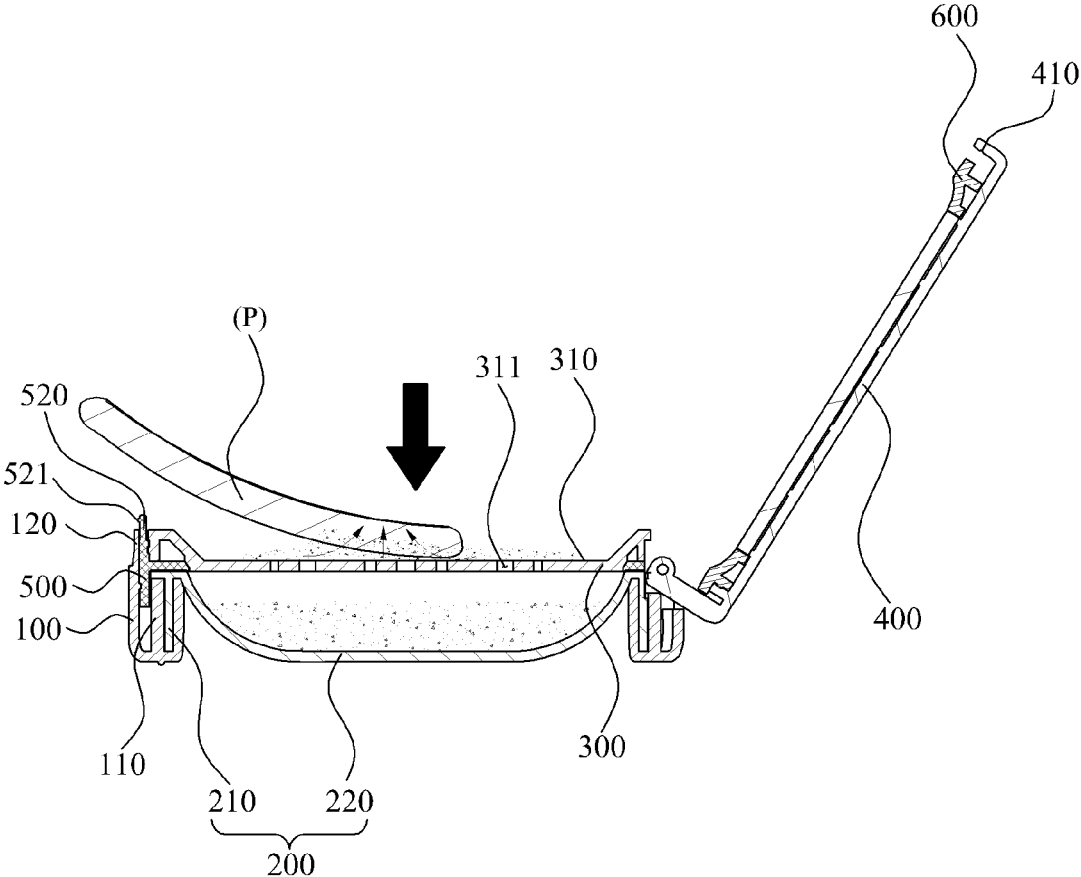


FIG. 6

COSMETIC POWDER CASE

BACKGROUND

[0001] The present disclosure relates to a cosmetic powder container, more particularly a cosmetic powder container wherein when softly pressurizing, as rubbing upward a lower surface of a rubber container where contents are stored in a state of an upper case being opened, the rubber container is deformed and thereby contents are discharged in an extrusive manner, therefore making it possible to discharge contents as needed while checking the contents being discharged with user's eyes.

[0002] Generally, powder which is used for cosmetics or for rashes is used after being stored in a predetermined container, and usually used in a way of applying powder with a puff equipped at an inside of the container. This type of "a powder cosmetic case" is disclosed in the registered utility model 20-0367726 (hereafter called 'the registered utility model').

[0003] The registered utility model is characterized to have an upper part opened and have a space part where powder (P) is collected inside thereof, comprising: a container body having a male screw thread (112) of the container body (100); and a cover part (200) which is coupled to the male screw thread (112) of the container body (100), and has an upper cover (230) and a lower case (210) divided and one side coupled with a hinge (235) so as to be rotatable each other, and comprises a cover part (200) which is provided with a multiple of discharge holes (222) at a center portion of the lower case (210).

[0004] The registered utility model composed of such structure as the above is composed in that, after powder (P) stored inside of the container body (100) is discharged through a discharge hole (222) by flipping the container body over, and next, after the container body is made to stand up into the original position, and then after an upper cover (230) is opened, the powder (P) is smeared onto the surface of a powder puff for being applied onto the face. Since it is configured that the container body (100) should be flipped over and shaken to discharge the powder (P), it may not only cause a user's inconvenience but leads the waste of contents as it is hard to control the discharge amount and to discharge a lot of amount of powder.

SUMMARY OF THE DISCLOSURE

[0005] The present disclosure is devised to solve the said problems above, and its goal is to provide a cosmetic powder container wherein when softly pressurizing, as rubbing upward a lower surface of a rubber container where contents are stored in a state of an upper case being opened, the rubber container is deformed and thereby contents are discharged in an extrusive manner, therefore making it possible to discharge contents as needed while checking the contents being discharged with user's eyes

[0006] Furthermore, the cosmetic powder container is configured in that a mirror equipped at an inner side of an upper case presses a puff received at a receiving groove in a state of closing an upper case and tightly closes a discharge hole. Therefore, even when a bottom surface of a rubber container is pressed while being carried, it is possible to prevent contents from being discharged through the discharge hole.

[0007] A cosmetic powder container according to the present invention, to solve problem as in the above, is characterized to include: a lower case; a rubber container coupled to the lower case and storing contents of powder and made of elastic material such that the shape thereof is deformed by user's pressurization and thereby, contents are discharged in an extrusive manner; a sealing member disposed at an upper portion of the rubber container and closing an open upper end of the rubber container, comprising a receiving groove such that a content applying member can be received for applying contents onto user's skin, and further comprising a multitude of discharge holes at a bottom surface of the receiving groove such that contents stored in the rubber container can be discharged; and an upper case encasing the content applying member and hinge-coupled to one side of the lower case for being rotated upwards and downwards.

[0008] Furthermore, it is characterized in that a sealing plate which is disposed between the rubber container and the sealing member at an inner side of the lower case and seals a space between the rubber container and the sealing member, is provided with a hollow such that a lower end of the sealing member can be combined fit.

[0009] Furthermore, it is characterized in that a protrusion part having a fixation protrusion is formed at an upper end of the front surface of the sealing plate such that the fixation protrusion is protrudingly formed in an upward direction and thereby the upper case can be kept closed, and a fixation groove which is coupled with the fixation protrusion is formed at an inner side of the front surface of the upper case.

[0010] Furthermore, it is characterized to further include sealing cap which is coupled to an inner side of the upper case and forms a penetration hole such that a mirror can be penetratingly installed, and is closely contacted to an upper end of the sealing member and thereby seals an open upper space of the receiving groove.

[0011] Furthermore, it is characterized in that a rotation preventing groove is formed at an inner side of the upper case so as to prevent the sealing cap from rotating, and a rotation preventing protrusion inserted to the rotation preventing groove is provided at the sealing cap.

[0012] As mentioned in the above, the present disclosure is configured wherein when softly pressurizing, as rubbing upward a lower surface of a rubber container where contents are stored in a state of an upper case being opened, the rubber container is deformed and thereby contents are discharged in an extrusive manner, therefore making it possible to discharge contents as needed while checking the contents being discharged with user's eyes.

[0013] Furthermore, a mirror equipped at an inner side of the upper case is configured to press a puff received at a receiving groove in a state of closing the upper case and to tightly close, thereby having an effect of preventing contents from being discharged even though a bottom surface of the rubber container is pressed while being carried.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014] FIG. 1 is an exploded perspective view illustrating a configuration of a cosmetic powder container according to an exemplary embodiment of the present invention.

[0015] FIG. 2 an assembled perspective view illustrating a configuration of the cosmetic powder container according to an exemplary embodiment of the present invention.

[0016] FIG. 3 is an assembled cross-sectional view illustrating a configuration of the cosmetic powder container according to an exemplary embodiment of the present invention.

[0017] FIGS. 4 to 6 are explanatory drawings illustrating a using method of the cosmetic powder container according to an exemplary embodiment of the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0018] Hereinafter, exemplary embodiments of the present invention will be described in detail with reference to the accompanying drawings. The same reference numerals provided in the drawings indicate the same members.

[0019] FIG. 1 is an exploded perspective view illustrating a configuration of a cosmetic powder container according to an exemplary embodiment of the present invention. FIG. 2 is an assembled perspective view illustrating a configuration of the cosmetic powder container according to an exemplary embodiment of the present invention. FIG. 3 is an assembled cross-sectional view illustrating a configuration of the cosmetic powder container according to an exemplary embodiment of the present invention.

[0020] Referring to FIGS. 1 to 3, a cosmetic powder container according to an exemplary embodiment of the present invention includes a lower case 100, a rubber container 200, a sealing member 300, and an upper case 400.

[0021] The lower case 100, which is coupled to a rubber container to be described later and supports the rubber container, is provided with a coupling groove 110 such that a coupling part 210 of the rubber container 200 can be coupled to an upper end thereof.

[0022] The back surface of the lower case 100 portion has a portion cut open such that the upper case 400 can be hinge-coupled and form a space, and the front surface is provided with a handle groove 120 such that a user can easily open the upper case 400.

[0023] Furthermore, the lower case 100 has a lower end thereof cut open such that a storage part 220 of the rubber container 200 can be exposed to the outside in a state of the rubber container 200 being coupled to an inner side thereof.

[0024] Meanwhile, at an inner side of the lower case 100 is coupled a sealing plate 500 which is disposed between the rubber container 200 and the sealing member 300 and seals a space between the rubber container 200 and the sealing member 300, wherein a bottom surface of the sealing plate 500 presses an upper end of the rubber container 200 and is coupled to an inner side of the lower case 100, thereby preventing the rubber container 200 from being separated to an upward direction.

[0025] Furthermore, at the sealing plate 500 is provided a hollow 510 at which a lower end of the sealing member 300 is combined fit such that contents stored in the rubber container 200 can be discharged through discharge holes 311 of the sealing member 300.

[0026] Furthermore, at an upper end of the front surface of the sealing plate 500 is provided a protrusion part 520 which is protrusively formed in an upward direction and fixes the upper case 400 such that the upper case 400 can be kept closed, wherein a fixation protrusion 521 coupled to a fixation groove 410 of the upper case 400 is formed at the end of the protrusion part 520.

[0027] The protrusion part 520 penetrates an insertion hole 320 of the sealing member 300 and an insertion groove 620

of the sealing cap 600 in a state of the upper case 400 being closed and is coupled to a fixation groove 410 of the upper case 400 through the fixation protrusion 521, thereby keeping the upper case 400 closed.

[0028] The rubber container 200, coupled to the lower case 100 and storing powder contents, is composed of a coupling part 210 which is coupled to a coupling groove 110 of the lower case 100 and a storage part 220 where contents are stored.

[0029] In the present invention, it is characterized in that the storage part 220 is exposed to the outside through an open lower end of the lower case 100, and is made of elastic material which is deformed when a user pressurizes a storage part 220. When a user pressurizes as rubbing the storage part 220, its shape is deformed and presses contents stored, and makes contents discharged in an extrusive manner. Due to this, when a user pressurizes the storage part 220, after opening the upper case 400 and separating a content application member (P) received in a receiving groove 310 from a receiving groove 310, the user can check contents being discharged through the discharge holes 311 with his/her eyes and discharge contents as needed for using, thereby providing user convenience.

[0030] The sealing member 300, which is fixedly installed at an inner side of the sealing plate 500, disposed at an upper portion of the rubber container 200 and close an open upper end of the rubber container 200, is provided with a receiving groove 310 such that a content application member (P) for applying contents onto user's skin is received at an upper end thereof, and formed with a multitude of discharge holes 311 at a bottom surface of the receiving groove 310 such that contents stored in the rubber container 200 can be discharged.

[0031] In the present invention, the content application member (P) is characterized to be formed in more thickness than the height of a space (S) formed by the receiving groove 310 and the sealing cap 600. Due to this, when the upper case 400 is closed, the content application member (P) is compressed by a mirror (M) equipped at an inner side of the upper case 400 and thereby the discharge holes 311 are closed; therefore, even though the rubber container 200 is pressed while being carried, it is possible to prevent contents from being discharge through the discharge holes 311. In other words, only in a state that the upper case 400 is opened for being used, the discharge holes 311 are opened and thereby contents are discharged.

[0032] Furthermore, an insertion hole 320 is formed at an front surface of the sealing member 300 such that the fixation protrusion 521 can be penetrated and inserted.

[0033] The upper case 400, which encases the content application member (P) and is hinge-coupled for being rotatable upwards and downward at a back surface of the lower case 100, is formed with a fixation groove 410 which is coupled to the fixation protrusion 521 in a state of being closed at an inner side of the front surface thereof.

[0034] At an inner side of the upper case 400 is coupled a sealing cap 600 which is closely contacted to an upper end of the sealing member 300 in a state of the upper case 400 being closed, and seals an open upper space of the receiving groove 310, wherein the sealing cap 600 is provided with a penetration hole 610 at a center part such that a mirror (M) equipped at an inner side of the upper case 400 can be penetrated and inserted, and is formed with an insertion

groove 620 at the front surface thereof such that the fixation protrusion 521 can be penetrated and inserted.

[0035] The sealing cap 600 is fixed to an inner side of the upper case 400 such that an insertion groove 620, where the fixation protrusion 521 is inserted, can keep the directional nature when the upper case 400 is rotated to a downward direction. At an inner side of the upper case 400 is provided a rotation preventing groove 420 for preventing the sealing cap 600 from being rotated, and at the sealing cap is equipped a rotation preventing protrusion where the rotation preventing groove 420 is inserted.

[0036] Hereafter, referring FIGS. 4 to 6, a using method of the cosmetic powder container according to an exemplary embodiment will be explained.

[0037] Firstly, as illustrated in FIG. 4, to use contents stored in a rubber container 200, a user rotates to an upward direction and opens an upper case 400, and then separates a content application member (P) received in a receiving groove 310 from the receiving groove 310.

[0038] Next, as illustrated in FIG. 5, when the user pressurizes a storage part 220 of the rubber container 200 with a hand, the shape of the storage part 220 will be changed. Due to this, contents will be discharged in an extrusive manner through discharge holes 311. At this time, it is possible for the user to check the contents being discharged through the discharge holes 311 and to discharge the contents; therefore, the user can discharge contents as needed by pressurizing the storage part 220.

[0039] As in the above, when contents are discharged onto an upper surface of the receiving groove 310 through the discharge holes 311, it is possible, as illustrated in FIG. 6, for the user to put the contents which are discharged on the upper surface of the receiving groove 310 by means of the content application member (P) and apply the contents onto the user's skin.

[0040] As previously described in the above, the presently described embodiments are configured in that, powder contents are discharged through the discharge holes 311 when opening the upper case 400 and softly pressurizing as rubbing the rubber container in a state of an upper case being opened, such that it is possible to easily discharge powder contents without erecting the container up after flipping the container over. Additionally, it is possible for the user to discharge contents as needed while checking the contents being discharged with one's eyes, thereby providing user convenience.

[0041] 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 embodiments and are not intended to limit the meanings of the terms or to restrict the scope of the accompanying claims. Accordingly, those skilled in the art will appreciate that various modifications and other equivalent embodiments are possible from the above embodiments.

1. A cosmetic powder container, comprising:
 - a lower case;
 - a rubber container, coupled to the lower case and storing powder contents, and made of elastic material such that a shape of the rubber container is deformed by user's pressurization and thereby contents are discharged in an extrusive manner;
 - a sealing member, disposed at an upper portion of the rubber container and closing an open upper end of the rubber container, further comprising a receiving groove such that a content applying member can be received for applying contents onto user's skin, and further comprising a multitude of discharge holes at a bottom surface of the receiving groove such that contents stored in the rubber container can be discharged;
 - an upper case encasing the content applying member and hinge-coupled to one side of the lower case for being rotated upwards and downwards; and
 - a sealing cap, coupled to an inner side of the upper case and forming a penetration hole for a mirror being penetratingly installed, and closely contacted to an upper end of the sealing member and thereby sealing an open upper space of the receiving groove.
2. The cosmetic powder container of claim 1, wherein a sealing plate is disposed between the rubber container and the sealing member at an inner side of the lower case and seals a space between the rubber container and the sealing member, and further provided with a hollow for a lower end of the sealing member being combined fit.
3. The cosmetic powder container of claim 2, wherein a protrusion part having a fixation protrusion is formed at an upper end of the front surface of the sealing plate such that the fixation protrusion is protrudingly formed in an upward direction and thereby the upper case can be kept closed, and a fixation groove coupled with the fixation protrusion is formed at an inner side of the front surface of the upper case.
4. The cosmetic powder container of claim 1, wherein a rotation preventing groove is formed at an inner side of the upper case so as to prevent the sealing cap from rotating, and a rotation preventing protrusion inserted to the rotation preventing groove is provided at the sealing cap.

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