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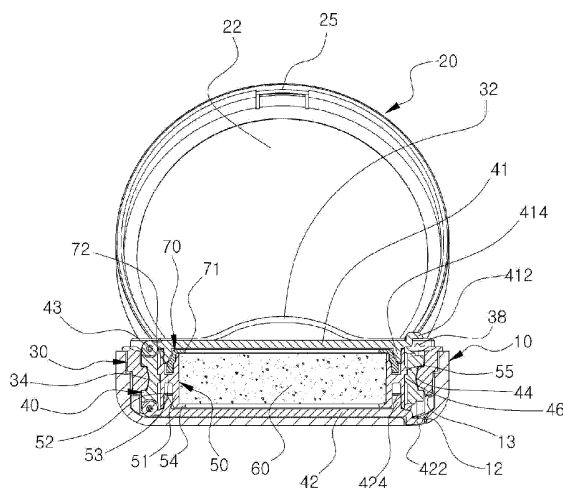
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(54) **COMPACT CONTAINER FOR PREVENTING REMNANTS BY ROTATING CONTENT CONTAINER**

(57) The present invention relates to a compact container for preventing remnants by rotating a content container and, more specifically, to a compact container for preventing remnants by rotating a content container, configured such that: a support is hinge-coupled inside a main container body; a rotating frame is rotatably coupled to the inner side of the support; the content container is fixed and coupled to the inner side of the rotating frame; and an impregnated member impregnated with a cosmetic is provided inside the content container, wherein

mutual coupling is achieved by forming a rotary shaft on the inner circumferential surface of the support and forming a rotary groove in the outer circumferential surface of the rotating frame, thereby allowing the support to be lifted up from the main container body, then the content container to be overturned by rotating the rotating frame from the support, and then the support to be coupled back to the main container body and used, if the upper surface of the impregnated member becomes dry and hardened while the impregnated member is used.

[Fig. 6]



Description

[Technical Field]

[0001] The present invention relates to a compact container for preventing remnants by rotating a content container, and more specifically, to a compact container for preventing remnants by rotating a content container, in which a support is hinge-coupled to an inside of a main container body; a rotating frame is rotatably coupled to an inner side of the support; the content container is fixedly coupled to an inner side of the rotating frame; and an impregnated member impregnated with a cosmetic material is provided inside the content container, wherein a rotary shaft is formed at an inner periphery of the support, and a rotary groove is formed in an outer periphery of the rotating frame, so that the support is coupled with the rotating frame. Accordingly, when an upper surface of the impregnated member becomes dry and hardened while the impregnated member is used, the support is lifted upward from the main container body, the content container is overturned by rotating the rotating frame from the support, and the support is coupled back to the main container body for use.

[0002] In addition, the present invention relates to a compact container for preventing remnants by rotating a content container, in which the support is hinge-coupled to an inner front side of the main container body, and a support handle is formed on an opposite side of the hinge-coupling portion of the support, so that when a container lid or the support is rotated, the container lid and the support are prevented from interfering with each other, and a user may easily lift the support upward from the main container body by grabbing the support handle, thereby facilitating the use of the compact container.

[Background Art]

[0003] Unlike basic cosmetic products for supplying nutrients to the skin, color cosmetics include pigments to adjust the tone of the skin, thereby enhancing the aesthetic.

[0004] The color cosmetics are classified into a base makeup used for making a skin color uniform and covering defects, and a point makeup used for partially enhancing a three-dimensional effect of lips, eyes, or nails. In general, the base makeup includes a makeup base, a foundation, and a powder, and the point makeup includes a lipstick, an eye liner, and mascara.

[0005] The foundation is classified into a solid foundation, a liquid foundation and a gel foundation according to the form of the cosmetic material. Although the solid foundation produces an effect of excellently covering the skin, the solid foundation may be conglomerated when correcting the makeup. In addition, although the liquid foundation provides a good close contact feel, the persistency of the liquid foundation is weak. Accordingly, many consumers recently prefer the gel foundation which has a considerable persistency and gives a good close contact feel when applied onto the skin.

[0006] In general, the gel foundation is filled in a glass container or a tube container, and used in such a manner that users take or squeeze some of the gel foundation on their hands for use, and apply the gel foundation onto the skin using a puff or the hands.

[0007] However, according to the related art, there is an inconvenience in that the user is required to wash the cosmetic material put on their hands whenever using the cosmetic material, and the cosmetic material is wasted as the cosmetic material put on the hands is washed off as described above.

[0008] To solve the problems described above, as shown in FIG. 1, Korean Patent Registration No. 10-1257628 has been disclosed. The related art discloses a compact container, in which foamed urethane foam is accommodated inside a compact case, and a gel foundation is impregnated in the foamed urethane foam.

[0009] The gel foundation impregnated in the foamed urethane foam is taken and applied onto the skin when the compact container of the related art is used. When the gel foundation impregnated in the foamed urethane foam is used, although the gel foundation impregnated in a lower portion of the foamed urethane foam still remains, a surface of the foamed urethane foam becomes dry and hardened in the end as the gel foundation in an upper portion of the foamed urethane foam is reduced, so that gel foundation contents cannot be taken and applied.

[0010] Accordingly, the users have to pull out the foamed urethane foam having the hardened surface from the compact case, and turn over the foamed urethane foam, and then put back the foamed urethane foam into the compact case to use the gel foundation remaining in the lower portion of the foamed urethane foam.

[0011] To solve the problems described above, as shown in FIG. 2, the applicant of the present invention has filed Korean Patent Registration No. 20-0476245 disclosing a cosmetic compact case.

[0012] According to the related art, a case body (1) and a lid (2) are coupled to each other by a hinge h, a cosmetic content acceptor (3) is coupled to the hinge h, and the cosmetic content acceptor (3) includes a frame (4) and a rotating unit (5) coupled to be rotatable at an inner side of the frame (4), wherein first and second lids (6) and (7) are hinge-coupled to upper and lower portions of the rotating unit (5), and a foamed urethane foam impregnated with a gel foundation is accommodated in the rotating unit (5).

[0013] According to the related art, after the rotating unit (5) is rotated and mounted on the cosmetic content acceptor (3) such that the gel foundation remaining in a lower portion of the foamed urethane foam is located at an upper portion of the foamed urethane foam, the gel foundation remaining in the foamed urethane foam is used.

[0014] However, according to the related art, the cosmetic content acceptor (3) is coupled to the case body (1) and the lid (2) by the hinge h, so that the rotation of the lid (2) and the cosmetic content acceptor (3) may interfere with each other, for example, the cosmetic content acceptor (3) may be rotated and lifted together with the lid (2) when the user rotates and opens the lid (2), or the lid (2) may be further bent backward when the cosmetic content acceptor (3) is lifted.

[0015] In addition, according to the related art, handles protrude from one side of the first and second lids (6) and (7) coupled to the upper and lower portions of the rotating unit (5), so that an empty space is formed between the case body (1) and the rotating unit (5), and thus it is inefficient in utilizing an inner space of the case body (1).

[Disclosure]

[Technical Problem]

[0016] To solve the problems described above, an object of the present invention is to provide a compact container for preventing remnants by rotating a content container, in which a support is hinge-coupled to an inside of a main container body; a rotating frame is rotatably coupled to an inner side of the support; the content container is fixedly coupled to an inner side of the rotating frame; and an impregnated member impregnated with a cosmetic material is provided inside the content container, wherein a rotary shaft is formed at an inner periphery of the support, and a rotary groove is formed in an outer periphery of the rotating frame, so that the support is coupled with the rotating frame. Accordingly, when an upper surface of the impregnated member becomes dry and hardened while the impregnated member is used, the support is lifted upward from the main container body, the content container is overturned by rotating the rotating frame from the support, and the support is coupled back to the main container body for use.

[0017] In addition, an object of the present invention is to provide a compact container for preventing remnants by rotating a content container, in which the support is hinge-coupled to an inner front side of the main container body, and a support handle is formed on an opposite side of the hinge-coupling portion of the support, so that when a container lid or the support is rotated, the container lid and the support are prevented from interfering with each other, and a user may easily lift the support upward from the main container body by grabbing the support handle, thereby facilitating the use of the compact container.

[0018] In addition, an object of the present invention is to provide a compact container for preventing remnants by rotating a content container, in which a first content lid and a second content lid are coupled to upper and lower portions of the rotating frame, a handle is formed on one side of the first and second content lids, and a handle insertion hole is formed on a bottom surface of the main container body such that the handles of the first and second content lids are inserted into the handle insertion hole, so that an empty space is prevented from being formed between the main container body and the first and second content lids, thereby enabling a space inside the main container body to be efficiently used.

[Technical Solution]

[0019] According to the present invention, there is provided a compact container for preventing remnants by rotating a content container, in which the compact container includes a main container body (10) and a container lid (20) hinge-coupled to one side of the main container body (10) so as to be opened and closed, the compact container including:

a support (30) hinge-coupled to an inside of the main container body (10) and formed at an inner periphery thereof with a rotary shaft (34);

a rotating frame (40) rotatably coupled to an inner side of the support (30) and formed at an outer periphery thereof with a rotary groove (44);

a content container (50) fixedly coupled to an inner side of the rotating frame (40); and

an impregnated member (60) accommodated in the content container (50) and impregnated with a cosmetic material, wherein one side of an outer periphery of the support (30) is hinge-coupled to an inner front side of the main container body (10), and an opposite side of the outer periphery of the support (30) is formed with a support handle (32) for lifting the support (30) upward from a rear side of the main container body (10).

[0020] In addition, a hinge coupling protrusion (16) may be formed on the inner front side of the main container body (10), and a hinge coupling groove (36) may be formed on one side of the support (30), so that the main container body (10) may be coupled with the support (30).

[0021] In addition, a first content lid (41) and a second content lid (42) may be coupled to an upper portion and a lower portion of the rotating frame (40), respectively.

[0022] In addition, a first handle (412) and a second handle (422) may be formed on one side of the first and second content lids (41 and 42), respectively, and a handle insertion hole (12), into which the first handle (412) or the second handle (422) is inserted, may be formed on one side of a bottom surface of the main container body (10).

[0023] In addition, the outer periphery of the rotating frame (40) may be curved in a shape of "()" where a central portion has an outer diameter larger than an outer diameter of upper and lower ends.

[0024] In addition, a fixing member (70) for preventing the impregnated member (60) accommodated in the content container (50) from being separated to an outside may be formed at an upper portion of the content container (50).

[Advantageous Effects]

[0025] In the compact container for preventing the remnants by rotating the content container according to the present invention, a support is hinge-coupled to an inside of a main container body; a rotating frame is rotatably coupled to an inner side of the support; the content container is fixedly coupled to an inner side of the rotating frame; and an impregnated member impregnated with a cosmetic material is provided inside the content container, wherein a rotary shaft is formed at an inner periphery of the support, and a rotary groove is formed in an outer periphery of the rotating frame, so that the support is coupled with the rotating frame. Accordingly, when an upper surface of the impregnated member becomes dry and hardened while the impregnated member is used, the support is lifted upward from the main container body, the content container is overturned by rotating the rotating frame from the support, and the support is coupled back to the main container body for use.

[0026] In addition, the support is hinge-coupled to an inner front side of the main container body, and a support handle is formed on an opposite side of the hinge-coupling portion of the support, so that when a container lid or the support is rotated, the container lid and the support are prevented from interfering with each other, and a user can easily lift the support upward from the main container body by grabbing the support handle, thereby facilitating the use of the compact container.

[0027] In addition, a first content lid and a second content lid are coupled to upper and lower portions of the rotating frame, a handle is formed on one side of the first and second content lids, and a handle insertion hole is formed on a bottom surface of the main container body such that the handles of the first and second content lids are inserted into the handle insertion hole, so that an empty space is prevented from being formed between the main container body and the first and second content lids, thereby enabling a space inside the main container body to be efficiently used.

[Description of Drawings]

[0028]

FIG. 1 shows a cosmetic product including foamed urethane foam impregnated with a cosmetic composition according to the related art.

FIG. 2 shows a cosmetic compact case.

FIG. 3 is a perspective view showing a compact container for preventing remnants by rotating a content container according to the present invention.

FIG. 4 is an exploded perspective view showing the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 5 is a sectional view taken along the line A-A showing the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 6 is a sectional view taken along the line B-B showing the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 7 is a perspective view showing a state of lifting a support of the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 8 is a sectional view taken along the line C-C showing a state of lifting the support of the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 9 is a perspective view showing a state of rotating a rotating frame of the compact container for preventing the remnants by rotating the content container according to the present invention.

FIG. 10 is a sectional view taken along the line D-D showing a state of rotating the rotating frame of the compact container for preventing the remnants by rotating the content container according to the present invention.

[Best Mode]

[Mode for Invention]

5 **[0029]** Hereinafter, a compact container for preventing remnants by rotating a content container according to the present invention will be described with reference to accompanying drawings.

[0030] FIG. 3 is a perspective view showing a compact container for preventing remnants by rotating a content container according to the present invention, FIG. 4 is an exploded perspective view showing the compact container for preventing the remnants by rotating the content container according to the present invention, FIG. 5 is a sectional view taken along the line A-A showing the compact container for preventing the remnants by rotating the content container according to the present invention, and FIG. 6 is a sectional view taken along the line B-B showing the compact container for preventing the remnants by rotating the content container according to the present invention.

[0031] According to the present invention, a compact container for preventing remnants by rotating a content container, in which the compact container includes a main container body (10) and a container lid (20) hinge-coupled to one side of the main container body (10) so as to be opened and closed, includes: a support (30) hinge-coupled to an inside of the main container body (10) and formed at an inner periphery thereof with a rotary shaft (34); a rotating frame (40) rotatably coupled to an inner side of the support (30) and formed at an outer periphery thereof with a rotary groove (44); a content container (50) fixedly coupled to an inner side of the rotating frame (40); and an impregnated member (60) accommodated in the content container (50) and impregnated with a cosmetic material,

wherein one side of an outer periphery of the support (30) is hinge-coupled to an inner front side of the main container body (10), and an opposite side of the outer periphery of the support (30) is formed with a support handle (32) for lifting the support (30) upward from a rear side of the main container body (10).

[0032] The support (30) is mounted at an inner center of the main container body (10), and a pair of support seating grooves (13) is formed at an inner side of the main container body (10).

[0033] A button (14) is formed on a front surface of the main container body (10), and a latching protrusion (15) which is easily withdrawn by a pushing operation of a user is integrally formed at a top of the button (14).

[0034] A hinge coupling protrusion (16) is formed on the inner front side of the main container body (10), that is, on a rear side of the button (14), and hinge-coupled with the support (30).

[0035] A handle insertion hole (12) into which a first handle (412) or a second handle (422) is inserted is formed on one side of a bottom surface of the main container body (10).

[0036] The container lid (20) is hinge-coupled to the main container body (10) such that the container lid (20) is hinge-coupled to an opposite side of the hinge coupling protrusion (16) of the main container body (10) so as to open and close the main container body (10).

[0037] A protrusion-shaped hook (25) corresponding to the latching protrusion (15) of the main container body (10) is formed on one side of the container lid (20), and the hook (25) is fastened to the latching protrusion (15) of the main container body (10).

[0038] A mirror (22) is provided on the inner side of the container lid (20) so that the user may easily perform makeup.

[0039] The support (30) is mounted inside the main container body (10), and formed in a ring shape.

[0040] A hinge coupling groove (36) is formed on one side of the support (30) so as to be hinge-coupled to the hinge coupling protrusion (16) of the main container body (10).

[0041] A support handle (32) is formed on an opposite side of the hinge coupling groove (36) of the support (30) so that the user may easily grab and lift up the support (30).

[0042] In other words, in the compact container according to the present invention, the container lid (20) is hinge-coupled to one side of the main container body (10), and the support (30) is hinge-coupled to the opposite side, so that the container lid (20) and the support (30) does not interfere with each other when the container lid (20) or the support (30) is rotated and opened from the main container body (10).

[0043] A pair of rotary shafts (34) protrude from the inner periphery of the support (30), and the rotary shaft (34) supports the rotating frame (40) to rotate.

[0044] A rotational contact prevention groove (38) for preventing the first and second handles (412) and (422) of the first and second content lids (41) and (42) or a hinge part (43) from being interrupted upon the rotation of the rotating frame (40) is formed at an upper portion of the rotary shaft (34).

[0045] The rotating frame (40) is rotatably coupled to the inner side of the support (30).

[0046] A pair of rotary grooves (44) are formed at the outer periphery of the rotating frame (40) so that the rotary shaft (34) of the support (30) is inserted into the rotary groove (44).

[0047] A coupling protrusion wheel (46) to which the content container (50) is coupled protrudes from an inner periphery of the rotating frame (40).

[0048] The first content lid (41) and the second content lid (42), which tightly seal the upper and lower portions of the content container (50), are hinge-coupled to the upper and lower portions of the rotating frame (40).

[0049] The first handle (412) and the second handle (422) protrude from one side of the first and second content lids (41) and (42), and a first sealing protrusion wheel (404) and a second sealing protrusion wheel (424) extend downwards from lower portions of the first and second content lids (41) and (42), respectively.

[0050] The first handle (412) or the second handle (422) of the first and second content lids (41) and (42) is inserted into the handle insertion hole (12) of the main container body (10). Therefore, an empty space is prevented from being formed between the bottom surface of the main container body (10) and the first and second content lids (41) and (42), thereby enabling a space inside the main container body (10) to be efficiently used.

[0051] The first and second handles (412) and (422) of the first and second content lids (41) and (42) are curved on an upper surface thereof, so that when the rotating frame (40) is rotated at the inner side of the support (30), the first and second handles (412) and (422) can be easily rotated without being interrupted by both side surfaces of the rotational contact prevention groove (38) of the support (30).

[0052] The outer periphery of the rotating frame (40) is curved in a shape of "()" where a central portion has an outer diameter larger than an outer diameter of upper and lower ends, such that the rotating frame (40) may be easily rotated at the inner side of the support (30).

[0053] The content container (50) is fixedly coupled to the inner side of the rotating frame (40), and the impregnated member (60) is mounted inside the content container (50).

[0054] The content container (50) has a cylindrical shape having an open upper portion and an open lower portion, and includes an inner wall (51), an outer wall (52) spaced outward from the inner wall (51) by a predetermined interval, and a connection part (53) for connecting the inner wall (51) to the outer wall (52).

[0055] A latching sill (54) extends inward from a lower end of the inner wall (51) of the content container (50), and the latching sill (54) prevents the impregnated member (60) accommodated in the content container (50) from being separated to the outside.

[0056] An upper coupling protrusion (55) and a lower coupling protrusion (56) are alternately formed on an outer periphery of the outer wall (52) of the content container (50), and the coupling protrusion wheel (46) of the rotating frame (40) is fitted between the upper coupling protrusion (55) and the lower coupling protrusion (56) so as to fix the content container (50).

[0057] In addition, a fixing member (70) for preventing the impregnated member (60) accommodated in the content container (50) from being separated to the outside is formed at an upper portion of the inner wall (51) of the content container (50).

[0058] The fixing member (70) includes a horizontal extension part (71) seated on an upper end of the inner wall (51), and a lower extension part (72) extending downward from the horizontal extension part (71) and coupled between the inner wall (51) and the outer wall (52).

[0059] The impregnated member (60) is accommodated in the content container (50), and impregnated with a cosmetic material of a gel foundation.

[0060] Hereinafter, a method of assembling the compact container for preventing the remnants by rotating the content container, which has a structure as described above, will be described.

[0061] In order to assemble the compact container for preventing the remnants by rotating the content container according to the present invention, first, as shown in FIGS. 4 to 6, the impregnated member (60) impregnated with a cosmetic material is inserted into the content container (50), and the fixing member (70) is coupled to the upper end of the inner wall (51) of the content container (50) to fix the impregnated member (60).

[0062] Thereafter, the content container (50) is coupled to the inner side of the rotating frame (40), such that the content container (50) is fixed by fitting the coupling protrusion wheel (46) of the rotating frame (40) between the upper coupling protrusion (55) and the lower coupling protrusion (56) of the content container (50).

[0063] Next, the first content lid (41) and the second content lid (42) are hinge-coupled to the upper and lower portions of the rotating frame (40).

[0064] Then, the rotating frame (40) is coupled to the inner side of the support (30), such that the rotary shaft (34) of the support (30) is fitted into the rotary groove (44) of the rotating frame (40).

[0065] Finally, the support (30) assembled as described above is hinge-coupled to the inside of the main container body (10) having one side hinge-coupled with the container lid (20), such that the hinge coupling protrusion (16) of the main container body (10) is hinge-coupled to the hinge coupling groove (36) of the support (30), and the second handle (422) of the second content lid (42) is inserted into the handle insertion hole (12) of the main container body (10), and thus the assembly of the compact container for preventing the remnants by rotating the content container according to the present invention is completed.

[0066] Hereinafter, the use of the compact container for preventing the remnants by rotating the content container, which is assembled as described above, will be described.

[0067] FIG. 7 is a perspective view showing a state of lifting a support of the compact container for preventing the remnants by rotating the content container according to the present invention, FIG. 8 is a sectional view taken along the line C-C showing a state of lifting the support of the compact container for preventing the remnants by rotating the content

container according to the present invention, FIG. 9 is a perspective view showing a state of rotating a rotating frame of the compact container for preventing the remnants by rotating the content container according to the present invention, and FIG. 10 is a sectional view taken along the line D-D showing a state of rotating the rotating frame of the compact container for preventing the remnants by rotating the content container according to the present invention.

[0068] In order to use the compact container for preventing the remnants by rotating the content container according to the present invention, first, the container lid (20) is opened from the main container body (10) by pressing the button (14) formed on one side of the main container body (10).

[0069] Thereafter, the first handle (412) of the first content lid (41) formed at the upper portion of the content container (50) is grabbed and rotated to open the first content lid (41) from the content container (50), and the impregnated member (60) accommodated in the content container (50) is tapped with a makeup tool such as a puff to uniformly apply the cosmetic material to the skin.

[0070] After the makeup is completed, the first content lid (41) is rotated to close the content container (50), and the container lid (20) is rotated to close the main container body (10).

[0071] When the impregnated member (60) of the compact container for preventing the remnants by rotating the content container according to the present invention is used, if the surface of the impregnated member (60) is dried and hardened because the cosmetic material impregnated in the upper portion of the impregnated member (60) is completely consumed, the impregnated member (60) is overturned for use. First, as shown in FIGS. 7 and 8, the support handle (32) of the support (30) is grabbed, and the support (30) is lifted upward from a rear side of the main container body (10) to ensure a space for rotating the rotating frame (40).

[0072] At this time, the support (30) is hinge-coupled to the inner front side of the main container body (10), and the container lid (20) is hinge-coupled to the opposite side, so that the container lid (20) is not interrupted when the support (30) is rotated.

[0073] Thereafter, as shown in FIGS. 9 and 10, the rotating frame (40) is rotated about the rotary shaft (34) of the support (30) to overturn the content container (50) in which the impregnated member (60) is accommodated.

[0074] At this time, the first and second content lids (41) and (42) and the hinge part (43) of the rotating frame (40) are rotated within the rotational contact prevention groove (38) of the support (30), so that the first and second content lids (41) and (42) and the hinge part (43) are not interrupted by the support (30).

[0075] Finally, the support (30) is lowered and seated inside the main container body (10) as shown in FIGS. 3 and 5, and thus the use of the compact container for preventing the remnants by rotating the content container according to the present invention is completed.

[0076] As described above, although the compact container for preventing the remnants by rotating the content container according to one embodiment of the present invention has been described for illustrative purposes, the present invention is not limited thereto. It is understood that various changes and modifications can be made by those skilled in the art without departing from the spirit and scope of the present invention as disclosed in the appended claims.

[Description of Reference Numerals]

[0077]

10: Main container body	12: Handle insertion hole
16: Hinge coupling protrusion	20: Container lid
30: Support	32: Support handle
34: Rotary shaft	36: Hinge coupling protrusion
40: Rotating frame	41: First content lid
42: Second content lid	44: Rotary groove
50: Content container	60: Impregnated member
70: Fixing member	412: First handle
422: Second handle	

Claims

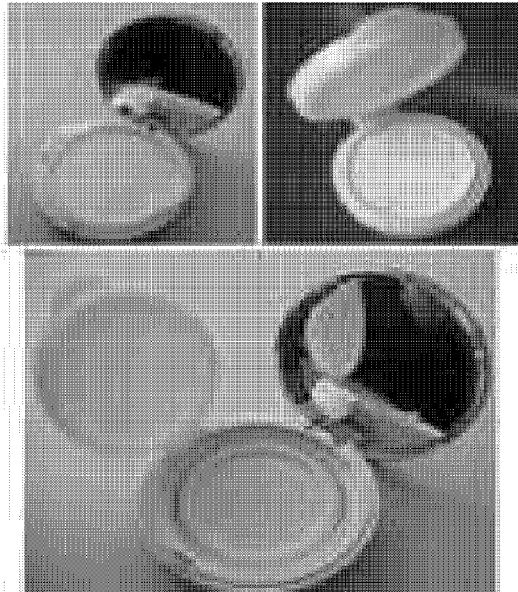
1. A compact container for preventing remnants by rotating a content container, in which the compact container includes a main container body (10) and a container lid (20) hinge-coupled to one side of the main container body (10) so as to be opened and closed, the compact container comprising:

a support (30) hinge-coupled to an inside of the main container body (10) and formed at an inner periphery

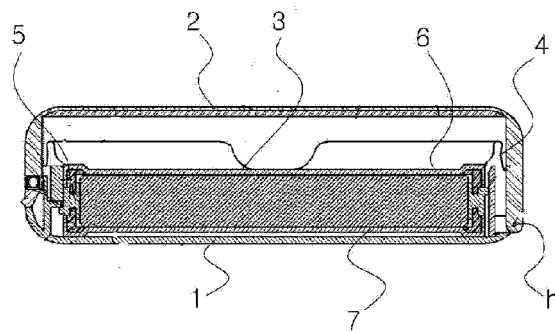
thereof with a rotary shaft (34);
a rotating frame (40) rotatably coupled to an inner side of the support (30) and formed at an outer periphery thereof with a rotary groove (44);
a content container (50) fixedly coupled to an inner side of the rotating frame (40); and
an impregnated member (60) accommodated in the content container (50) and impregnated with a cosmetic material,
wherein one side of an outer periphery of the support (30) is hinge-coupled to an inner front side of the main container body (10), and an opposite side of the outer periphery of the support (30) is formed with a support handle (32) for lifting the support (30) upward from a rear side of the main container body (10).

2. The compact container of claim 1, wherein a hinge coupling protrusion (16) is formed on the inner front side of the main container body (10), and a hinge coupling groove (36) is formed on one side of the support (30), so that the main container body (10) is coupled with the support (30).
3. The compact container of claim 1, wherein a first content lid (41) and a second content lid (42) are coupled to an upper portion and a lower portion of the rotating frame (40), respectively.
4. The compact container of claim 3, wherein a first handle (412) and a second handle (422) are formed on one side of the first and second content lids (41 and 42), respectively, and a handle insertion hole (12), into which the first handle (412) or the second handle (422) is inserted, is formed on one side of a bottom surface of the main container body (10).
5. The compact container of claim 1, wherein the outer periphery of the rotating frame (40) is curved in a shape of "()" where a central portion has an outer diameter larger than an outer diameter of upper and lower ends.

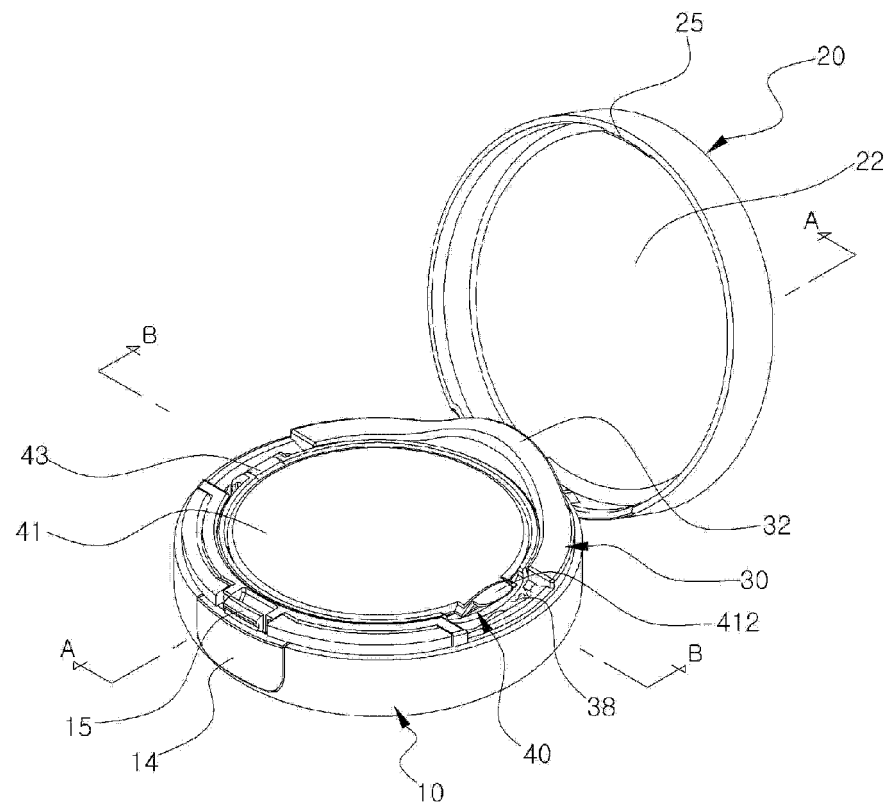
[Fig. 1]



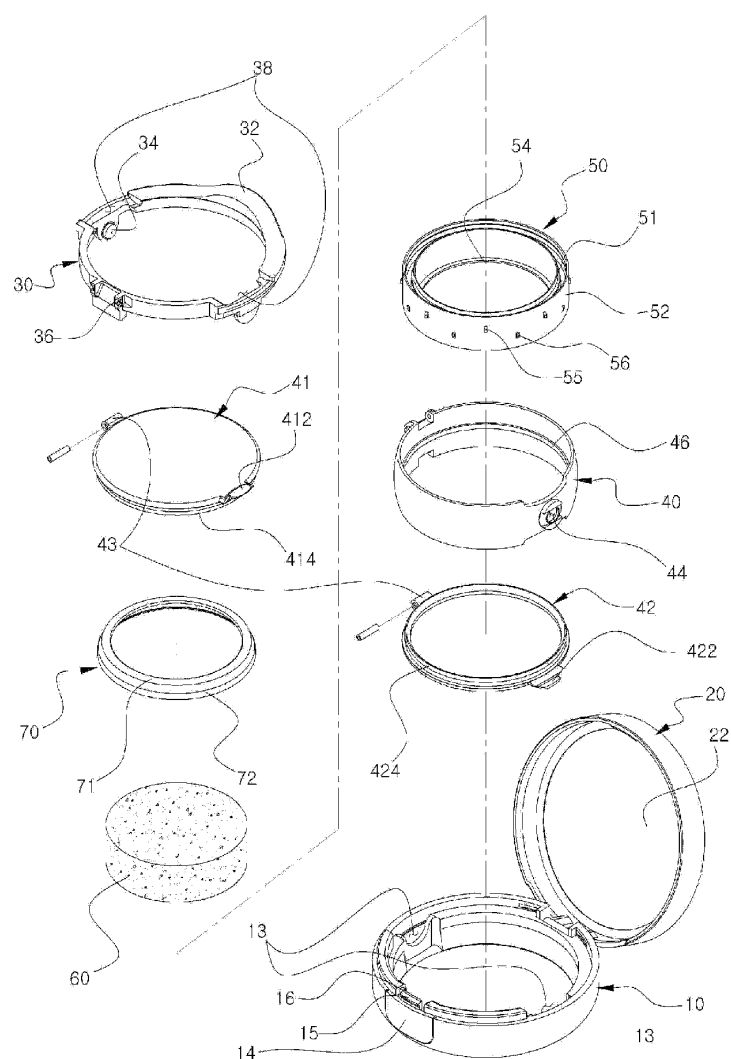
[Fig. 2]



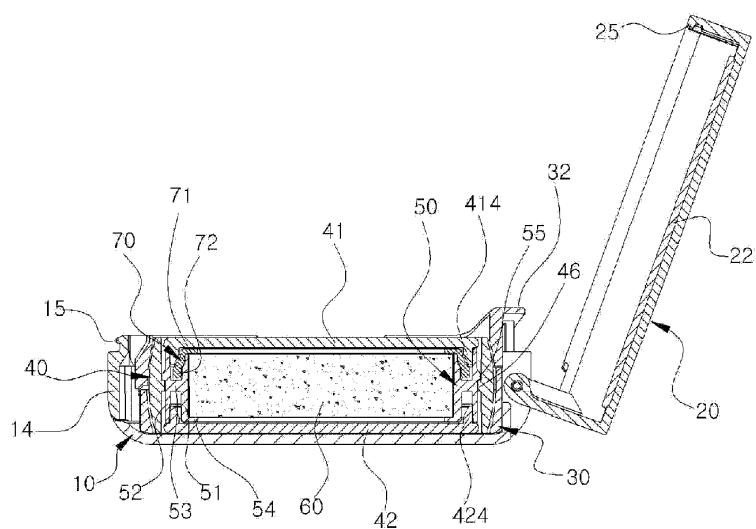
[Fig. 3]



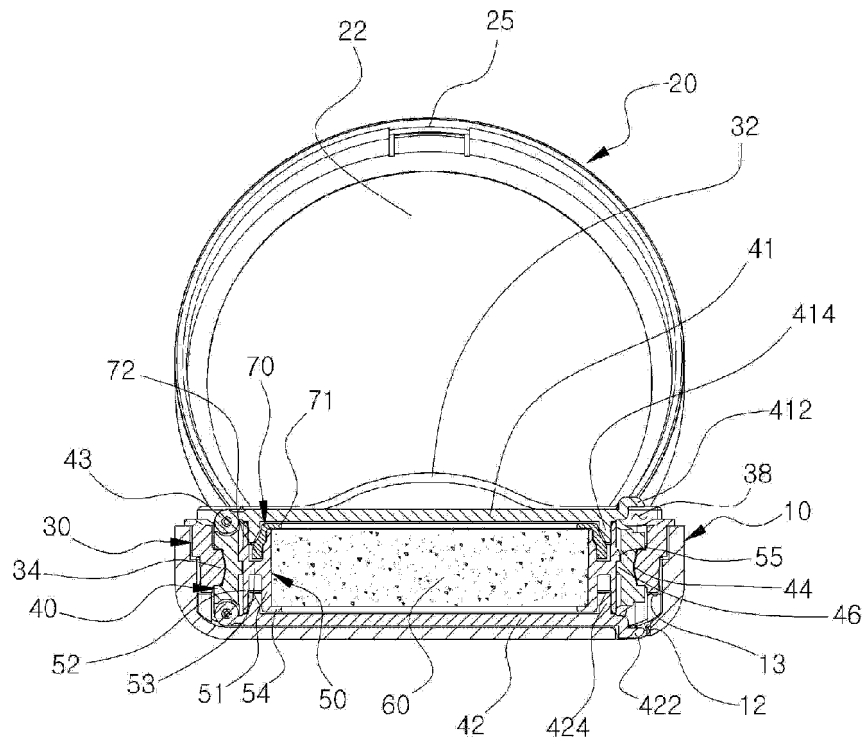
[Fig. 4]



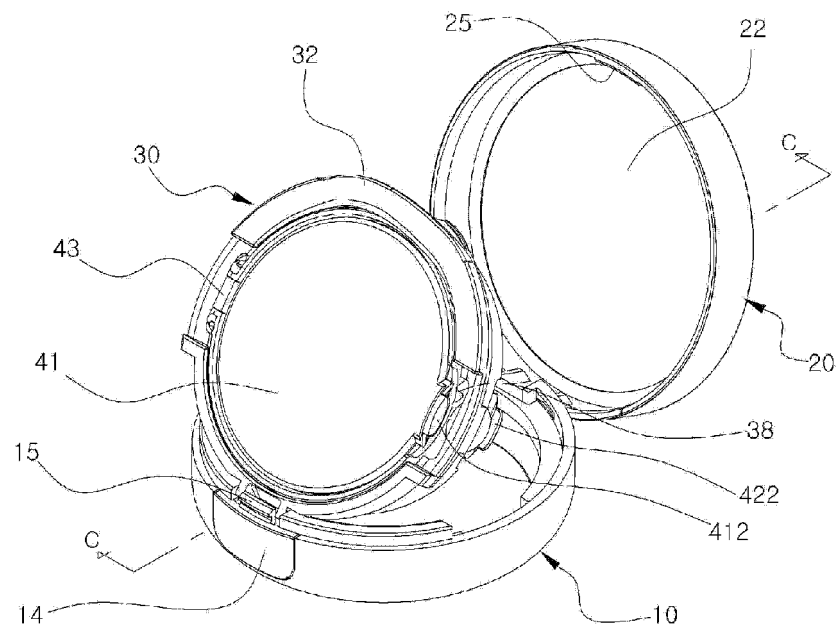
[Fig. 5]



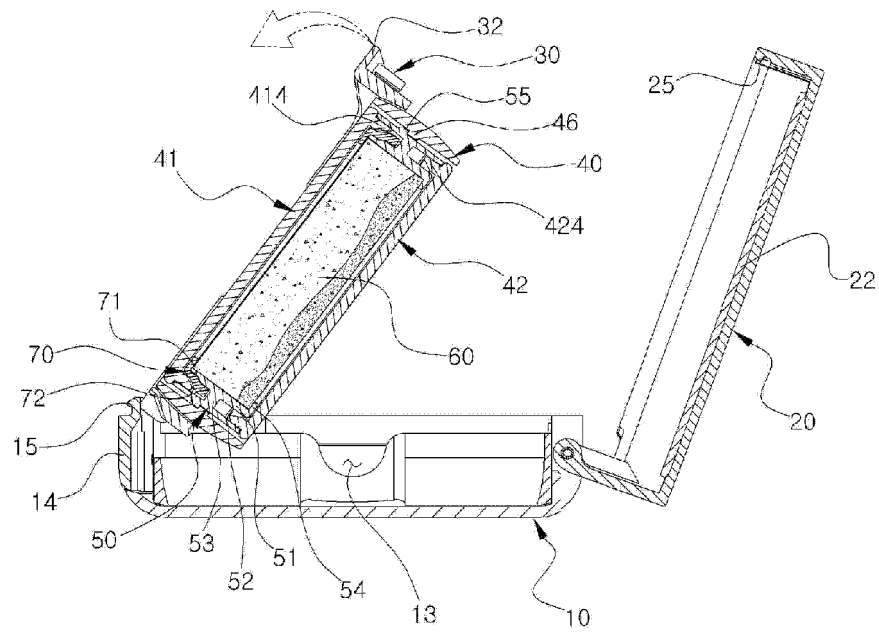
[Fig. 6]



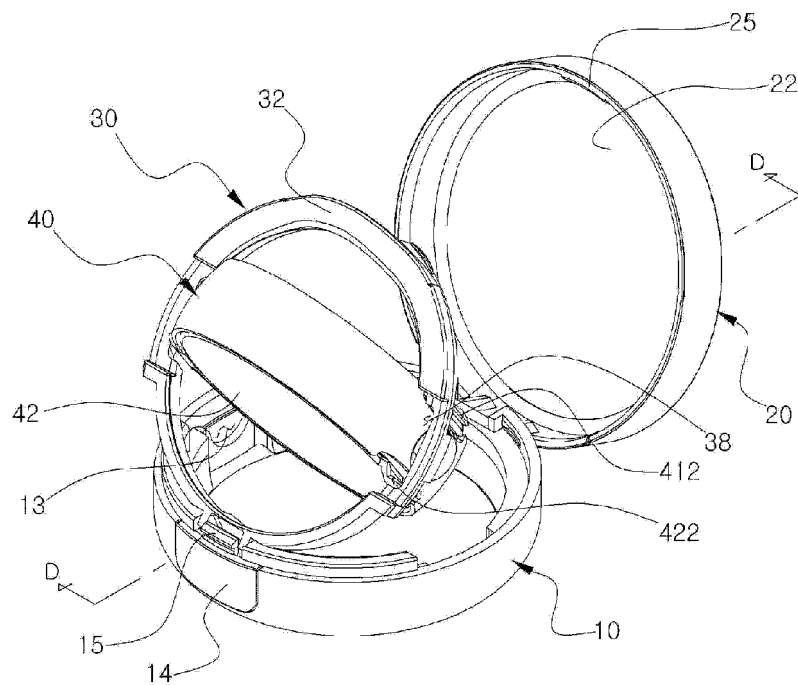
[Fig. 7]



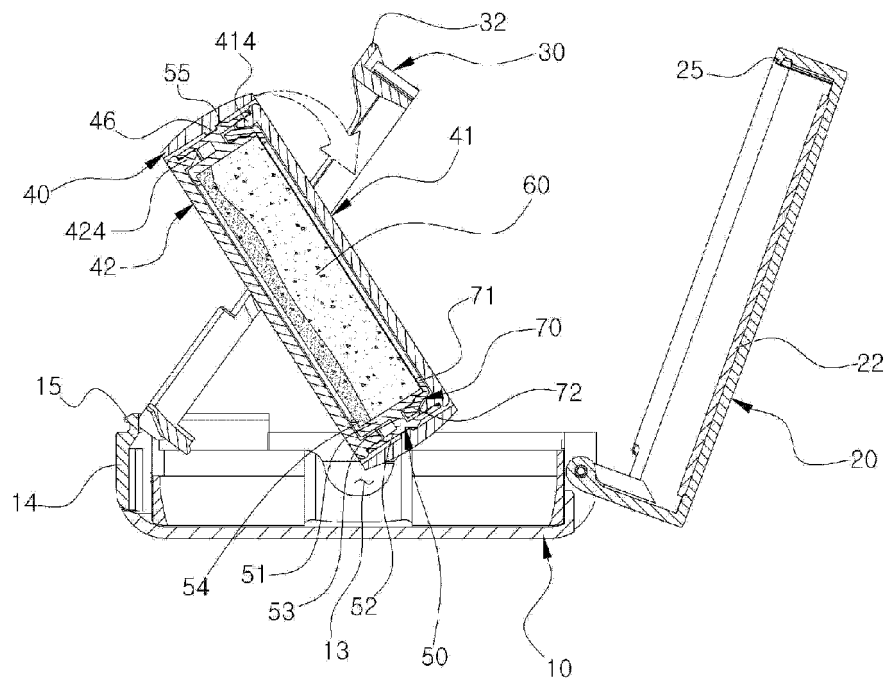
[Fig. 8]



[Fig. 9]



[Fig. 10]



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2016/011802

A. CLASSIFICATION OF SUBJECT MATTER

A45D 40/00(2006.01)i, B65D 77/04(2006.01)i, B65D 43/16(2006.01)i

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A45D 40/00; B43K 23/08; B23P 17/04; B65D 21/02; A45D 34/00; B65D 77/04; B65D 43/16

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: compact container, support, rotational frame, impregnation member, hinge, coupling protrusion, coupling groove

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 20-0476245 Y1 (PUMTECH KOREA CO., LTD.) 10 February 2015 See paragraphs [0017]-[0039]; claims 1-6; figures 1-7.	1-5
A	KR 20-2014-0005599 U (AMOREPACIFIC CORPORATION) 30 October 2014 See the entire document.	1-5
A	US 2007-0175893 A1 (FRAILLON, P.) 02 August 2007 See the entire document.	1-5
A	KR 10-1521396 B1 (KIM, Jin Woo) 18 May 2015 See the entire document.	1-5
A	US 2009-0202290 A1 (BENNETT, K. M. et al.) 13 August 2009 See the entire document.	1-5

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search

09 FEBRUARY 2017 (09.02.2017)

Date of mailing of the international search report

10 FEBRUARY 2017 (10.02.2017)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2016/011802

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KR 20-0476245 Y1	10/02/2015	KR 20-2014-0004773 U	27/08/2014
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REFERENCES CITED IN THE DESCRIPTION

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