



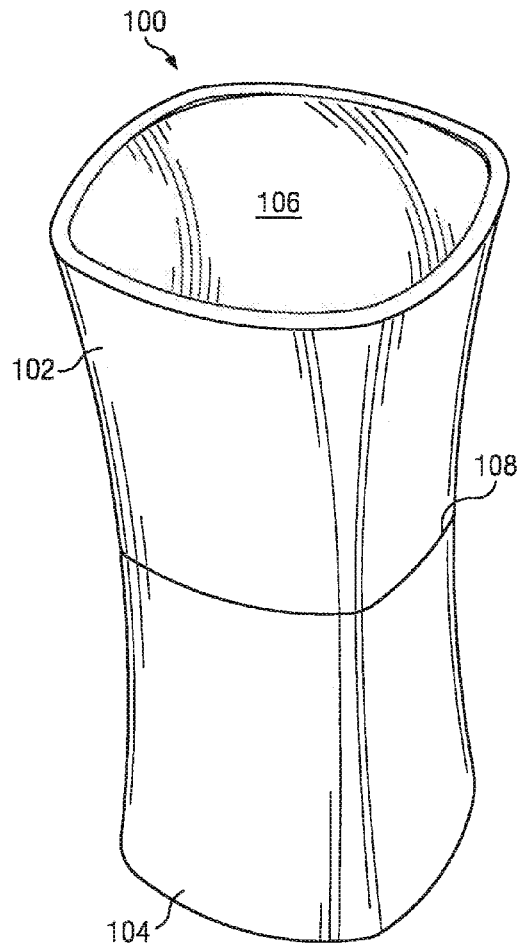
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(19) **United States**(12) **Patent Application Publication**
McLaughlin(10) **Pub. No.: US 2017/0245621 A1**(43) **Pub. Date: Aug. 31, 2017**(54) **UNIVERSAL LIPSTICK REFILL CASE****Publication Classification**(71) Applicant: **Olive Anne McLaughlin**, Dallas, TX
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(US)(52) **U.S. Cl.**
CPC **A45D 40/10** (2013.01)(21) Appl. No.: **15/462,603**(57) **ABSTRACT**(22) Filed: **Mar. 17, 2017****Related U.S. Application Data**

(63) Continuation of application No. 13/521,002, filed on Aug. 1, 2012, now abandoned, filed as application No. PCT/US2011/020279 on Jan. 5, 2011, which is a continuation of application No. 12/683,373, filed on Jan. 6, 2010, now Pat. No. 8,210,347, which is a continuation-in-part of application No. 12/184,393, filed on Aug. 1, 2008, now abandoned.

(60) Provisional application No. 60/953,751, filed on Aug. 3, 2007.

The present disclosure could generally provide a reusable and universal case for personal items such as, for example, removable lipstick refills. Manufacturers could provide relatively cost-effective lipstick refills suitable for use with a more elegantly packaged and fully functional universal case. The case could include an elongated tube to house a lipstick refill. The case could also include a notch disposed on an interior surface of an elongated tube to receive a groove disposed on an exterior surface of an insert disposed within a second end of the tube. The case could further include a protrusion on an interior surface of the insert that is disposed along a surface of the lipstick refill.



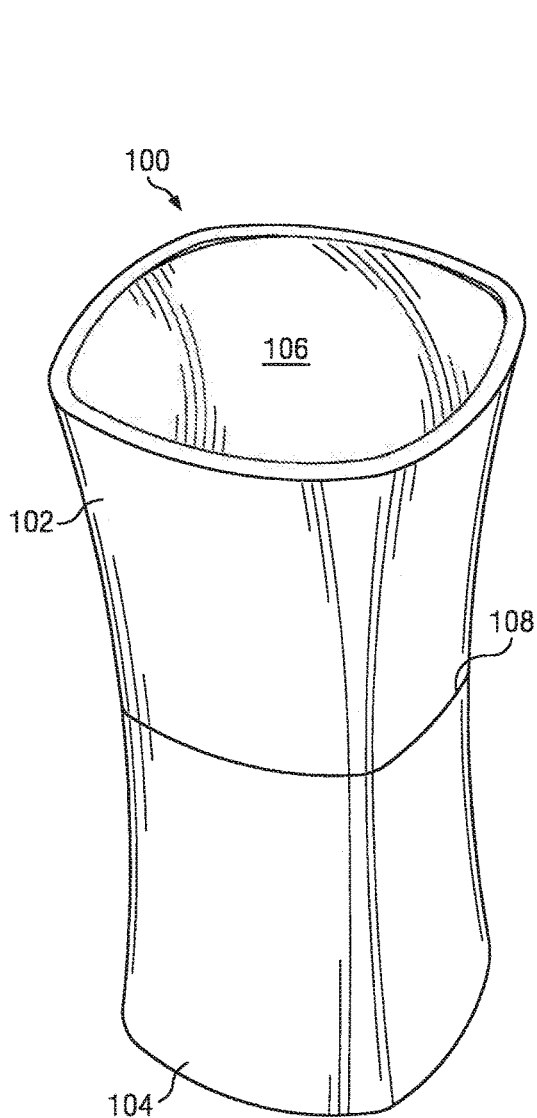


FIG. 1

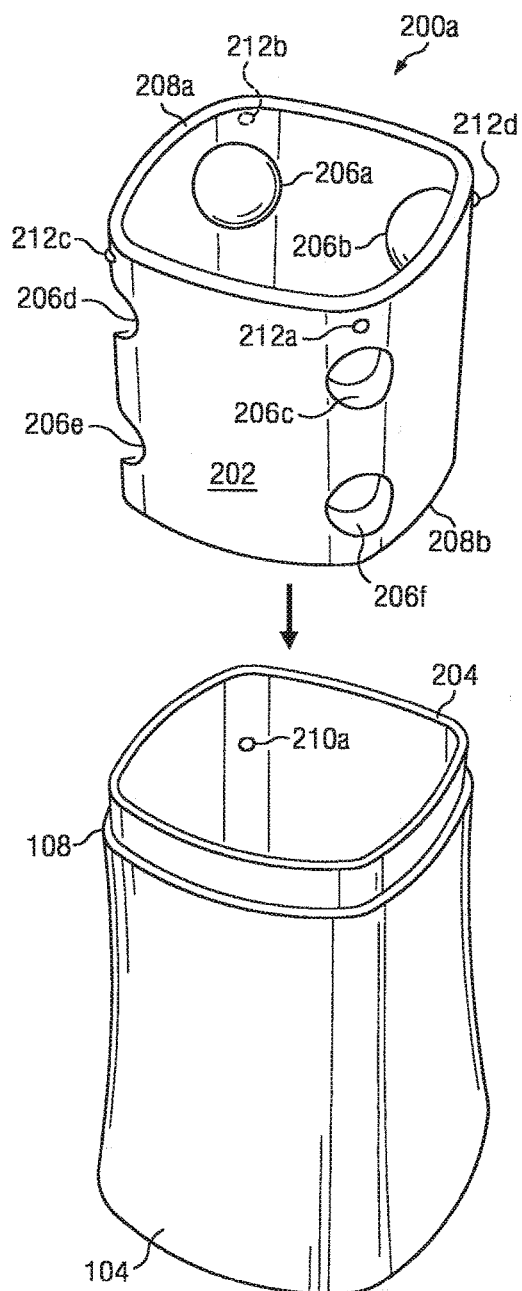


FIG. 2A

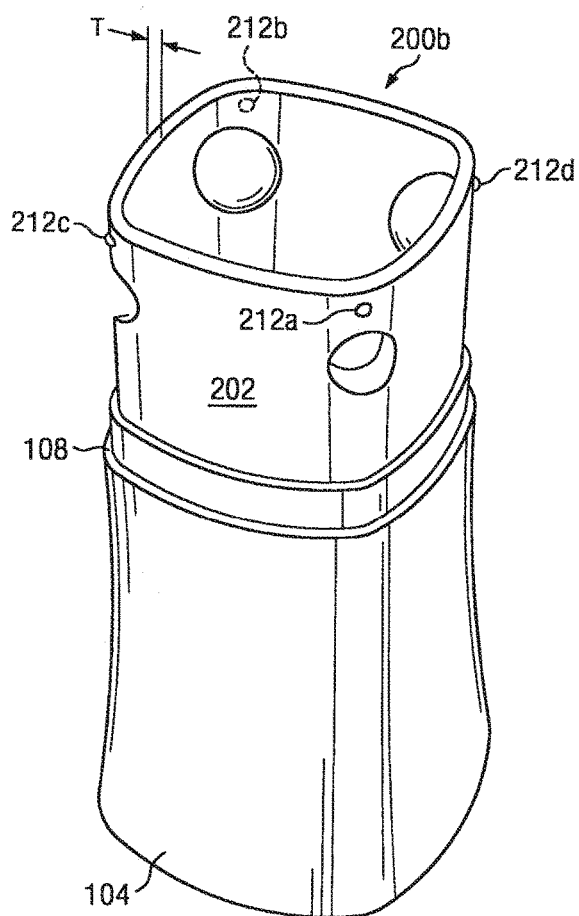


FIG. 2B

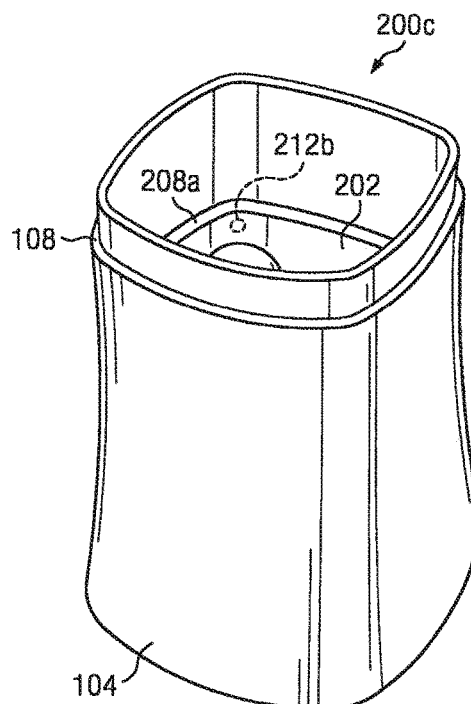


FIG. 2C

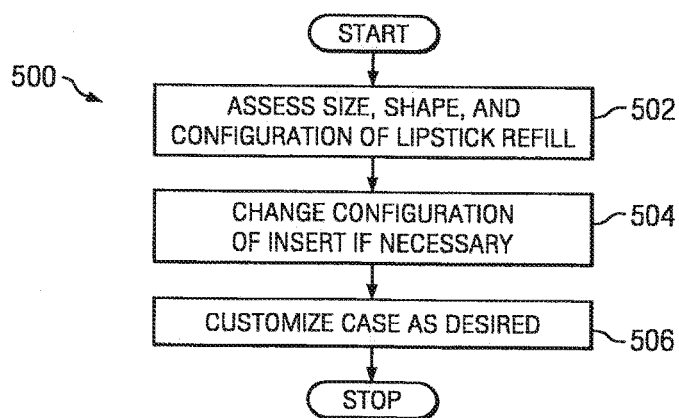


FIG. 5

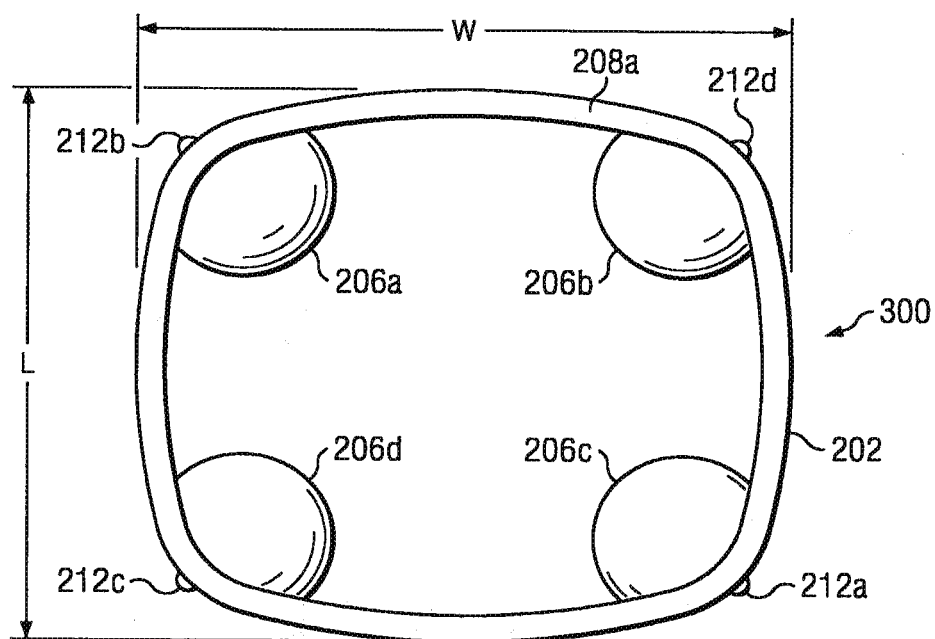


FIG. 3

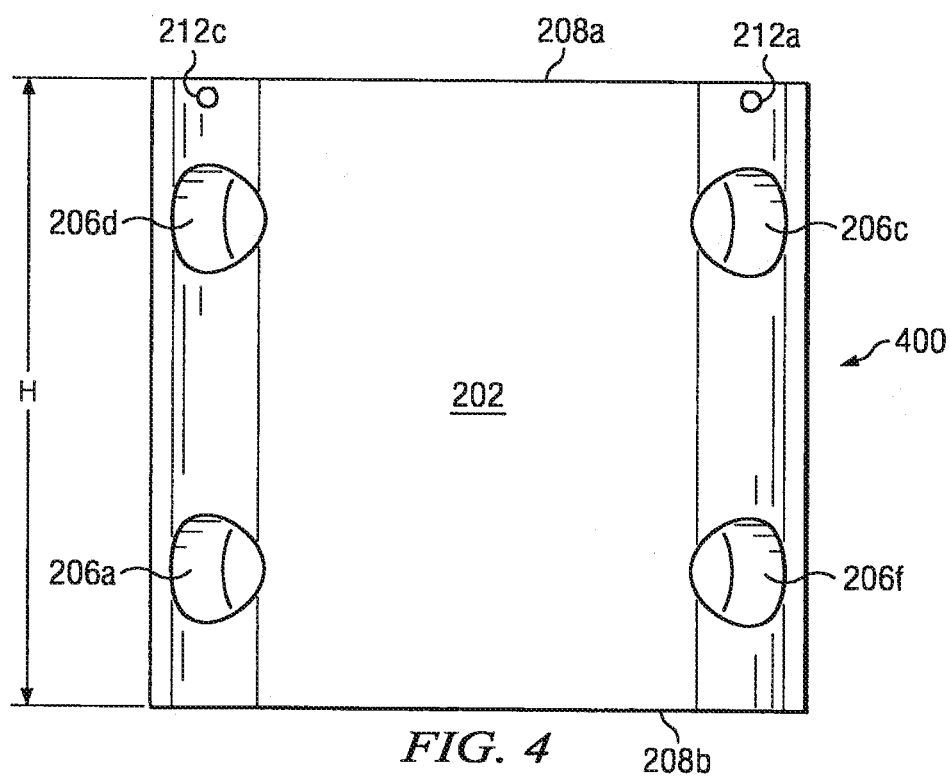


FIG. 4

UNIVERSAL LIPSTICK REFILL CASE

[0001] The disclosure relates generally to cosmetic related products and, in particular, to lipstick cases and related accessories and paraphernalia.

CROSS REFERENCE TO RELATED APPLICATIONS

[0002] This application claims the benefit of U.S. Utility application Ser. No. 13/521,002, submitted under 35 USC §371 as the National Stage of POT Application No. PCT/US2011/020279 filed Jan. 5, 2011, which claims the benefit of and priority to U.S. Utility patent application Ser. No. 12/683,373 filed Jan. 6, 2010 (U.S. Pat. No. 8,210,247 issued on Jul. 3, 2012), which was a continuation-in-part of U.S. Utility patent application Ser. No. 12/184,393 filed on Aug. 1, 2008, which claims the benefit of U.S. Provisional Patent Application No. 60/953,751 filed on Aug. 3, 2007. The entire disclosures of above-mentioned applications are incorporated herein by reference.

[0003] This application also claims benefit under 35 U.S.C. §119 (e) of U.S. Provisional Patent Application Ser. No. 60/953,751 filed on Aug. 3, 2007 in the United States Patent and Trademark Office entitled "Individual and Universal Lipstick Tube Cases." The entire disclosure of U.S. Provisional Patent Application Ser. No. 60/953,751 is incorporated by reference as if fully disclosed herein.

BACKGROUND

[0004] Currently available lipstick tubes comprise a wide variety of sites and styles. Each manufacturer has its own signature design for its lipstick tubes, generally comprising a base and a cover received thereon. Most lipstick tubes are metallic or plastic and comprise a simple appearance. Once a lipstick has been used or is no longer needed, the entire lipstick tube is typically thrown away. Women often desire a more fashionable appearance for their lipstick tubes and could be persuaded to invest in certain environmentally friendly options.

[0005] Embodiments of the present disclosure generally provide a universal case for a lipstick refill.

[0006] In one embodiment, the present disclosure could generally provide a universal case for a lipstick refill. The case could include an elongated tube having a first end and a second end. The case could also include an insert disposed within the second end to retain a lipstick refill. A rotation of the second end relative to the lipstick refill could change a relative disposition of the lipstick refill.

[0007] In one embodiment, the present disclosure could generally provide a universal case for a lipstick refill. The case could include an elongated tube to house a lipstick refill. The tube could include a first end and a second end. The rotation of the second end relative to the lipstick refill could change a relative disposition of the lipstick refill within the elongated tube.

[0008] In one embodiment, the present disclosure could generally provide a universal case for a lipstick refill. The case could include an elongated tube to house a lipstick refill. The case could also include a notch disposed on an interior surface of the tube to receive a groove disposed on an exterior surface of an insert disposed within a second end of the tube. The case could further include a protrusion on an interior surface of the insert disposed along a surface of the lipstick refill.

[0009] Other technical features may be readily apparent to one skilled in the art from the following figures, descriptions and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] For a more complete understanding of this disclosure and its features, reference is now made to the following description, taken in conjunction with the accompanying drawings, in which:

[0011] FIG. 1 is a somewhat simplified illustration of a reusable case for a lipstick refill or other personal item according to one embodiment of the present disclosure;

[0012] FIG. 2A is somewhat simplified exploded view of the reusable case shown in FIG. 1 relative to an insert for the case according to one embodiment of the present disclosure;

[0013] FIG. 2B is a somewhat simplified illustration of the insert shown in FIG. 2A in a partially engaged position relative to a second end of the reusable case according to one embodiment of the present disclosure;

[0014] FIG. 2C is a perspective view of the reusable case shown in FIG. 1 in a fully engaged position relative to the insert shown in FIG. 2A according to one embodiment of the present disclosure;

[0015] FIG. 3 is an exemplary top plan view of the insert shown in FIG. 2A according to one embodiment of the present disclosure;

[0016] FIG. 4 is an exemplary side plan view of the insert shown in FIG. 3 according to one embodiment of the present disclosure and

[0017] FIG. 5 is a somewhat simplified flow diagram illustrating a method of providing a custom universal case for a lipstick refill according to one embodiment of the present disclosure.

DETAILED DESCRIPTION

[0018] The present disclosure generally provides a universal case for a lipstick refill. The universal case could retain or otherwise secure a variety of different lipsticks, a particular company or brand of lipstick tubes, any suitable lipstick tube, refill, related container, or the like, or any combination thereof. It should be understood that the case could be reusable and thus provide an environmentally friendly solution over conventional lipstick tube systems and methods. In addition, the case could be embellished or customized as desired according to one embodiment of the present disclosure.

[0019] FIG. 1 is a somewhat simplified illustration of case **100** for housing a lipstick refill or other personal item according to one embodiment of the present disclosure. It should be understood that case **100** shown in FIG. 1 is for illustrative purposes only and that any other suitable system or subsystem could be used in conjunction with or in lieu of case **100** according to one embodiment of the present disclosure.

[0020] Case **100** could include first end **102**, second end **104**, accessory **106**, edge **106**, and one or more notches **210a** (later shown in FIG. 2A) according to one embodiment of the present disclosure. Case **100** could be used to house, hold, retain, secure, transport, handle, or otherwise engage with, couple to, or be disposed about a personal item such as, for example, a lipstick refill, tube, or related container. In one embodiment, the lipstick refill could include a base and

a lipstick color, but not necessarily include a tube to house the base and/or the lipstick color, or a rotating mechanism to rotate the base.

[0021] In one embodiment, case **100** could be any suitably sized, shaped, or configured case, cover, or housing for lipstick refills. For example, case **100** could be a long, short, or medium sized casing. Case **100** could also be a generally round, square, hexagonal, concave, convex, hour-glass, or other suitably shaped case.

[0022] In one embodiment, case **100** could be used to provide a reusable, removable, and adjustable “case” for the personal item. For example, manufacturers could provide lipstick refills suitable for use with case **100** instead of manufacturing and selling an entire lipstick tube having a case, lipstick applicator, and twist-up mechanism. In other examples, manufacturers could provide lipstick refills with cheaper or lower quality tubes or cases (e.g., refills with a non-rotatable base) suitable for use with a more elegantly packaged and fully functional case **100**.

[0023] Although the following description primarily describes case **100** for use in conjunction with a lipstick refill, tube, cartridge, or related container, it should be understood that case **100** could be used with any suitably sized, shaped, or configured refill, cartridge, tube, container, or other apparatus used to house, hold, retain, secure, transport, handle, or otherwise engage with, couple to, or be disposed about any suitable material including, for example, lip balm, lip gloss, lip protectant, cream foundation, foundation, cream powder, powder, concealer, cream blush, blush, cream eye shadow, eye shadow, make-up, perfume, deodorant, touch-up stick, sunscreen, brush, cosmetic item, other suitable materials, liquids, semi-liquids, solids, semi-solids, gels, creams, sprays, grooming devices, personal item, other cosmetic item, or any combination thereof. In one embodiment, the lipstick refill could be any suitably sized, shaped, or configured object. For example, the lipstick refill could be a long, short, or medium sized casing. The lipstick refill could also be a generally round, square, hexagonal, concave, convex, hour-glass, or other suitably shaped object.

[0024] In one embodiment, first end **102** and second end **104** could be configured to removably couple to or dispose about respective ends of a container according to one embodiment of the present disclosure. When properly installed, case **100** could be used to control the lipstick container housed within case **100**. For example, second end **104** could be coupled to or disposed about a first end of a lipstick refill (e.g., the part of the lipstick refill generally used to hold or retain the lipstick or applicator), while the first end **102** could be coupled to another end of the same lipstick refill. Accordingly, a user could, for example, simply twist second end **104** to operate a standard twist-operated (or twist-up) lipstick refill properly housed in case **100**. For example, a rotation of second end **104** relative to the lipstick could change a relative disposition of the lipstick refill within second end **104**.

[0025] Case **100**, first end **102**, and second end **104** could be made of the same materials or of a combination of different materials. For example, case **100**, parts of case **100**, first end **102**, and second end **104** could be made of synthetic rubber, natural rubber, silicone, nylon, leather, canvas, polypropylene, polyurethane, polyethylene, polyvinyl chloride (PVC), polytetrafluoroethylene (PTFE), polyester, high-

gloss polyester, plastic, metal, glass, polymer, other suitable materials, or any combination thereof.

[0026] In one embodiment, case **100**, parts of case **100**, first end **102**, and second end **104** could be treated, coated, or embellished with a finish, paint, metallic material, plastic, rubber, silicone, lacquer, engraving, color, emblem, logo, trademark, ergonomic feature, structural feature, decorative item, jewel, semi-precious stone, diamond, gold, silver, platinum, stone, ceramic, mirror, light, light emitting diode (LED), magnifying glass, magnet, clip, handle, retaining device, other suitable materials, or any combination thereof.

[0027] Accessory **106** could include one or more of any suitable accessory such as, for example, a magnifying glass, brush, brush attachment, magnet, light, mirror, lighted mirror, blotting papers, writing utensil, key chain, any other suitable accessory, or any combination thereof. It should be understood that case **100** could include other removable or permanent elements as decorative or functional accessories either attached to, removably attached to, or generally associated with case **100**. In addition, accessory **106** could be any suitably sized, shaped, or configured accessory located on case **100** as shown in FIG. 1 or in any suitable location on or associated with case **100**.

[0028] Edge **108** could include a rigid or semi-rigid structure having a tapered or non-tapered edge configured to couple with an open end of first end **102**. In one embodiment, edge **108** could include a seal-like structure (e.g., a rubber seal, overlay, or other structure) between first end **102** and second end **101** when in an engaged position. Although edge **108** is shown in a particular configuration in FIG. 1 (and more particularly shown in FIGS. 2A, 2B, and 2C), it should be understood that edge **108** could include any suitably sized, shaped, or configured structure to couple with an open end of first end **102**. In addition, it should be understood that edge **108** could be made of the same material or combination of materials used for second end **104**, or any other suitable material or combination of materials.

[0029] FIGS. 2A, 2B and 2C are somewhat simplified exploded and perspective views of second end **104** and insert **202**. More particularly, FIG. 2A is a somewhat simplified exploded view of case **100** relative to insert **202**. FIG. 2B is a somewhat simplified illustration of insert **202** in a partially engaged position relative to second end **104**. FIG. 2C is a perspective view of one embodiment of case **100** shown with insert **202** in a fully engaged position. It should be understood that second end **104** and insert **202** shown in FIGS. 2A, 2B, and 2C are for illustrative purposes only and that any other suitable system or subsystem could be used in conjunction with or in lieu of second end **104** and insert **202** according to one embodiment of the present disclosure. In one embodiment, for example, case **100** and second end **104** shown in FIGS. 2A, 2B, and 2C could include each feature described above and further include a flange or lip **204** and one or more notches such as notch **210a**.

[0030] Lip **204** could include a rigid or semi-rigid structure having a tapered or non-tapered edge configured to couple with an open end of first end **102**. In one embodiment, lip **201** could include a seal-like structure (e.g., a rubber seal, overlay, or other structure) between first end **102** and second end **104** when in an engaged position. Although lip **204** is shown in a particular configuration in FIGS. 2A, 2B, and 2C, it should be understood that lip **204** could include any suitably sized, shaped, or configured structure to

couple with an open end of first end **102**. In addition, it should be understood that lip **204** could be made of the same material or combination of materials used for second end **104**, or any other suitable material or combination of materials.

[0031] Insert **202** could include a generally semi-rigid structure having a tapered or non-tapered body configured to couple with the interior surface of second end **104**. In one embodiment, insert **202** could provide a removable or permanent) liner-like structure for case **100** disposed between an external surface of insert **202** and an internal surface of second end **101**. As an example, insert **202** could be suitably shaped, sized, and configured to aid in retaining, securing, or otherwise disposing a lipstick refill within second end **101**.

[0032] Although insert **202** is shown in a particular configuration in FIGS. **2A**, **2B**, and **20**, it should be understood that insert **202** could include any thickness (*T*) or any suitably sized, shaped, or configured structure to couple with an interior surface of second end **104**. For example, FIG. **3** is an exemplary top plan view of insert **202**, while FIG. **1** is an exemplary side plan view of insert **202** shown in FIG. **3**. In one embodiment, the size and shape of insert **202** could be customized to help accommodate different sized and shaped lipstick refills within case **100**.

[0033] Insert **202** could be made of any suitable material including, for example, synthetic rubber, natural rubber, silicone, nylon, leather, canvas, polypropylene, polyurethane, polyethylene, polyvinyl chloride (PVC), polytetrafluoroethylene (PTFE), polyester, high-gloss polyester, plastic, metal, glass, polymer, other suitable materials, or any combination thereof.

[0034] In one embodiment, insert **202** could include protrusions **206a**, **206b**, **206c**, **206d**, **206e**, and **206f** (collectively referred to herein as protrusions **206**), top edge **208a**, bottom edge **208b**, and grooves **212a**, **212b**, **212c**, and **212d** (collectively referred to herein as grooves **212**), as generally shown in FIGS. **2A**, **2B**, **2C**, **3**, and **4**.

[0035] Protrusions **206** could include a somewhat dome-shaped, dimple-like structures having a convex portion on an internal surface of insert **202**. The convex portions of protrusions **206** could include semi-rigid structures that aid in retaining a particular disposition of, for example, a lipstick refill disposed within second end **104**. In one embodiment, the convex portion of protrusions **206** could be made of rubber or other material to provide a suitable amount of friction to a lipstick refill or an associated tube when disposed within second end **104**. The size and shape of protrusions **206** could be customized to help accommodate different sized and shaped lipstick refills within case **100**. In one embodiment, protrusions **206** could include complementary concave portions on an external surface of insert **202** for each convex portion described above as generally shown in FIGS. **2A**, **2B**, **2C**, and **4**.

[0036] Although FIGS. **2A**, **2B**, **2C**, **3**, and **4** illustrate six protrusions **206** on insert **202**, it should be understood that any suitable number of protrusions could be used in accordance with the present disclosure. In addition, insert **202** and protrusions **206** could be made of any suitable material or combination of materials including, for example, silicone, rubber, semi-rigid, pliable material, or any combination thereof.

[0037] Grooves **212** could generally mate with one or more notches **210a** (shown in, for example, FIG. **2A**). Grooves **212** could generally include a somewhat dome-

shaped, dimple-like structure having a convex portion on an external surface of insert **202**. The convex portions of grooves **212** could include semi-rigid structures that aid in retaining a particular disposition of, for example, insert **202** within second end **104** by mating with or otherwise disposing within one of grooves **212** (for example, groove **212b**) with notch **210a** (as generally shown in FIGS. **2B** and **2C**). It should be understood that although only one notch **210a** is shown in FIG. **2A**, any suitable number, size, shape, or configuration of notch **210a** (and any pairings between a notch **210a** and groove **212**) could be used in accordance with the present disclosure. It should also be understood that any other similar mechanism could be used in lieu of or in combination with notch **210a** and groove **212**. For example, notch **210a** could be located on an external surface of insert **202**, while groove **212** could be located on an internal surface of case **100**.

[0038] In one embodiment, a convex portion of grooves **212** could be made of rubber or other material to maintain a relative position between insert **202** and an internal surface of second end **104**. In one embodiment, grooves **212** could include complementary concave portions on an internal surface of insert **202** for each convex portion described above as generally shown in FIGS. **2B** and **2C**, and **4**.

[0039] Accordingly, case **100** provides a reusable, removable, and adjustable “case” to securely house a personal item such as, for example, a lipstick refill. For example, as generally shown in FIGS. **2A** and **2C** when insert **202** is in a fully engaged position within second end **104**, the disposition of insert **202** is maintained in part by a mating disposition between notch **210a** and groove **212b**. Similarly, when a lipstick refill is properly positioned within second end **104**, the disposition of the lipstick refill is maintained in part by a mating disposition between a convex portion of protrusions **206** with an external surface of the lipstick refill.

[0040] FIG. **5** is a somewhat simplified flow diagram illustrating method **500** of providing a custom universal case for a lipstick refill according to one embodiment of the present disclosure. It should be understood that method **500** shown in FIG. **5** is for illustrative purposes only and that any other suitable method or sub-method could be used in conjunction with or in lieu of method **500** according to one embodiment of the present disclosure. It should also be understood that the steps and sub-steps of method **500** could be performed in any suitable order.

[0041] In step **502**, the size and shape of the lipstick refill and any associated lipstick tube are assessed according to one embodiment of the present disclosure. Depending on the data collected in step **502**, the size and shape of an insert such as, for example, insert **202** shown in FIG. **2A**, or protrusions on the insert such as, for example, protrusions **206** shown in FIG. **3**, could be changed or altered to accommodate the lipstick refill and any associated lipstick tube within a universal case such as, for example, case **100** shown in FIG. **2**.

[0042] As an example, the size or shape of insert **202** could be changed in step **504** to provide a fully engaged position within second end **104**. As another example, the mating disposition between a convex portion of protrusions **206** with an external surface of the lipstick refill could be changed to provide better retention and placement of the lipstick refill within second end **104**.

[0043] In step **506**, the color, size, dimension, shape, and associated accessories and embellishments for case **100** are

customized according to specifications from the manufacturer, distributor, retailer, marketing group, customer, end user, other suitable entity or person, or any combination thereof. For example, case **100** could be customized in step **506** to include certain shapes, configurations, finishes, paints, metallic materials, plastics, rubbers, silicones, lacquers, engravings, colors, emblems, logos, trademarks, ergonomic features, structural features, decorative items, jewels, semi-precious stones, diamonds, gold, silver, platinum, stones, ceramics, mirrors, lights, light emitting diodes (LEDs), magnifying glasses, magnets, clips, handles, retaining devices, other suitable materials, or any combination thereof.

[0044] Accordingly, method **500** could provide a method of providing a custom reusable, removable, and adjustable case **100** to securely house a personal item such as, for example, a lipstick refill according to one embodiment of the present disclosure. For example, case **100** could include functional as well as decorative features as desired by the manufacturer, distributor, retailer, marketing group, customer, end user, other suitable entity or person, or any combination thereof.

[0045] It may be advantageous to set forth definitions of certain words and phrases used in this patent document. The term “couple” and its derivatives refer to any direct or indirect communication between two or more elements, whether or not those elements are in physical contact with one another. The terms “include” and “comprise,” as well as derivatives thereof, mean inclusion without limitation. The term “or” is inclusive, meaning and/or. The phrases “associated with” and “associated therewith,” as well as derivatives thereof, may mean to include, be included within, interconnect with, contain, be contained within, connect to or with, couple to or with, be communicable with, cooperate with, interleave, juxtapose, be proximate to, be bound to or with, have, have a property of, or the like.

[0046] While this disclosure has described certain embodiments and generally associated methods, alterations and permutations of these embodiments and methods will be apparent to those skilled in the art. Accordingly, the above description of example embodiments does not define or constrain this disclosure. Other changes, substitutions, and alterations are also possible without departing from the spirit and scope of this disclosure, as defined by the following claims.

What is claimed is:

1. A universal case for a lipstick refill, the case comprising:

an elongated tube having a first end and a second end; and
an insert disposed within the second end to retain a lipstick refill, wherein a rotation of the second end relative to the lipstick refill changes a relative disposition of the lipstick refill.

2. The universal case of claim **1**, wherein the second end comprises a notch to receive a groove disposed on an exterior surface of the insert.

3. The universal case of claim **1**, wherein a protrusion on an interior surface of the insert is disposed along a surface of the lipstick refill.

4. The universal case of claim **1**, wherein the lipstick refill comprises a base and lip color.

5. The universal case of claim **4**, wherein the lipstick refill further comprises a plastic cover at least partially housing the lip color.

6. The universal case of claim **1**, wherein the elongated tube comprises an ergonomic feature.

7. The universal case of claim **1**, wherein the elongated tube comprises a mirror.

8. The universal case of claim **1**, wherein the elongated tube comprises a light.

9. The universal case of claim **1**, wherein the relative disposition of the lipstick refill comprises a displacement of a portion of the lipstick refill beyond an open end of the second end.

10. A universal case for a lipstick refill, the case comprising:

an elongated tube to house a lipstick refill, the tube having a first end and a second end, wherein a rotation of the second end relative to the lipstick refill changes a relative disposition of the lipstick refill within the elongated tube.

11. The universal case of claim **10**, further comprising an insert disposed within the second end to retain the lipstick refill.

12. The universal case of claim **10**, wherein the lipstick refill comprises a base and lip color.

13. The universal case of claim **12**, wherein the lipstick refill further comprises a plastic cover at least partially housing the lip color.

14. The universal case of claim **10**, wherein the elongated tube comprises an ergonomic feature.

15. The universal case of claim **10**, wherein the elongated tube comprises at least one of: a mirror and a light.

16. The universal case of claim **10**, wherein the relative disposition of the lipstick refill comprises a displacement of a portion of the lipstick refill beyond an open end of the second end.

17. A universal case for a lipstick refill, the case comprising:

an elongated tube to house a lipstick refill;
a notch disposed on an interior surface of the tube to receive a groove disposed on an exterior surface of an insert disposed within a second end of the tube; and
a protrusion on an interior surface of the insert disposed along a surface of the lipstick refill.

18. The universal case of claim **17**, wherein a rotation of the second end relative to the lipstick refill changes a relative disposition of the lipstick refill within the elongated tube.

19. The universal case of claim **17**, wherein the lipstick refill comprises a base and lip color.

20. The universal case of claim **19**, wherein the lipstick refill further comprises a cover at least partially housing the lip color.

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