



US 20110303562A1

(19) **United States**

(12) **Patent Application Publication**
Franklin

(10) **Pub. No.: US 2011/0303562 A1**

(43) **Pub. Date: Dec. 15, 2011**

(54) **INTEGRATED BOTTLE, CASE AND MIRROR**

(52) **U.S. Cl. 206/223; 220/694**

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(21) **Appl. No.: 12/816,179**

(22) **Filed: Jun. 15, 2010**

Publication Classification

(51) **Int. Cl.**
B65D 71/00 (2006.01)
B65D 90/00 (2006.01)

(57) **ABSTRACT**

A compact, stackable, integrated, and re-useable contact lens case and contact lens solution bottle comprising at least one bottle for storage of at least one solution, at least one bottle cap comprising a nozzle with a closing cap, at least one contact lens case, and at least one cover. Embodiments of the device further comprise at least one mirror. The components of the device are securely and removably stackable upon each other. Preferably, when stacked together, the integrated device is one unit that is easily stored and transported.

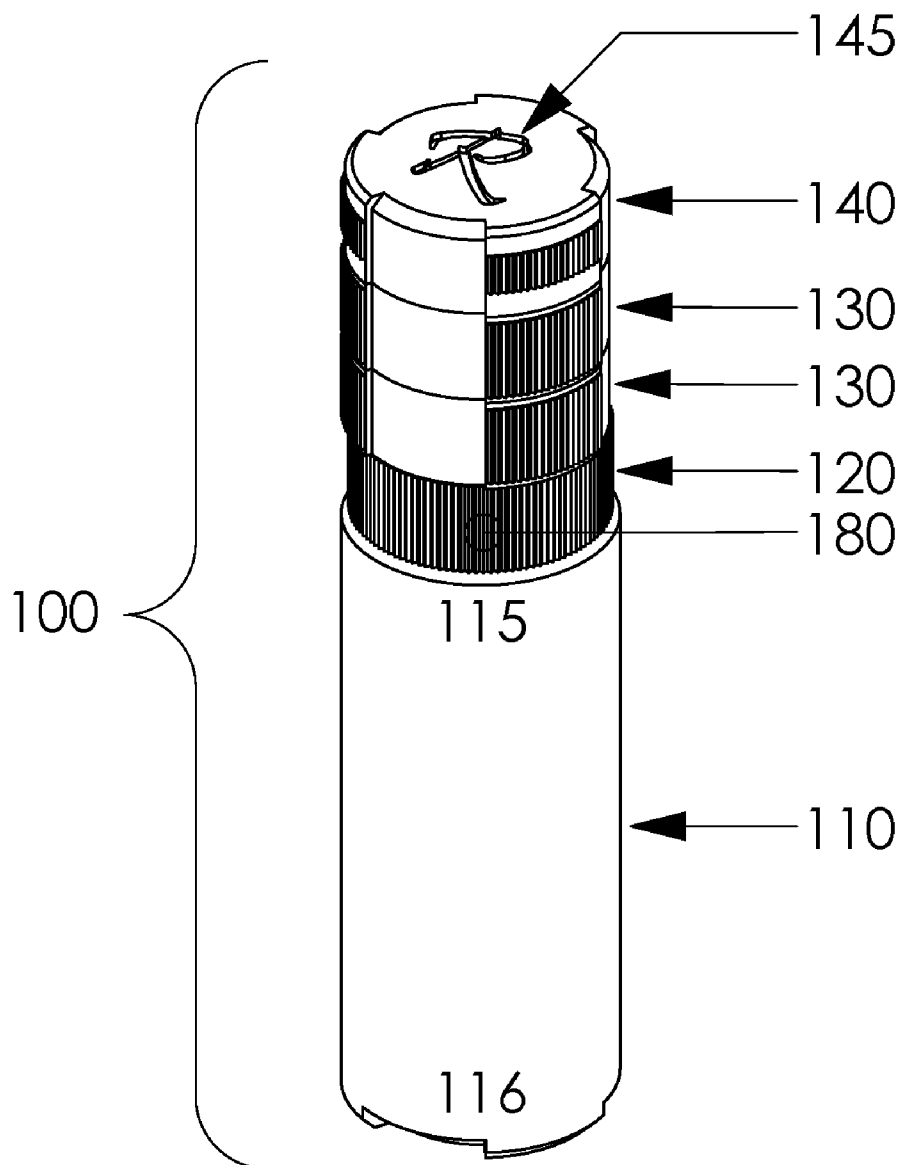


Figure 1

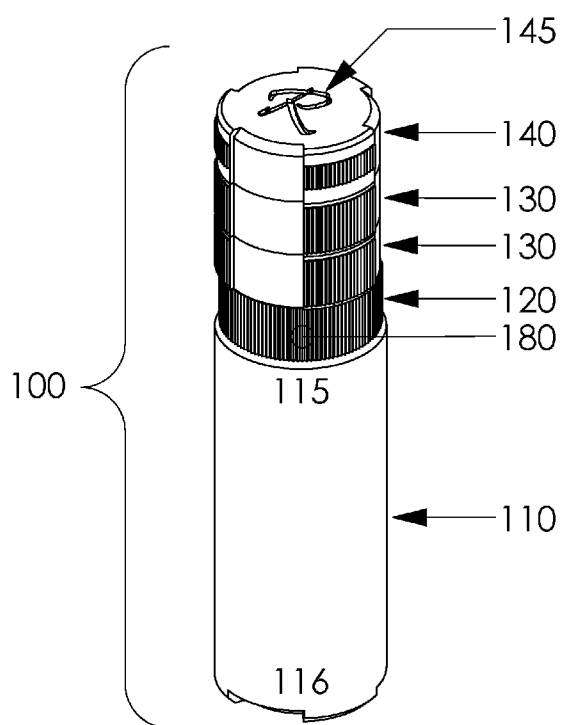


Figure 2

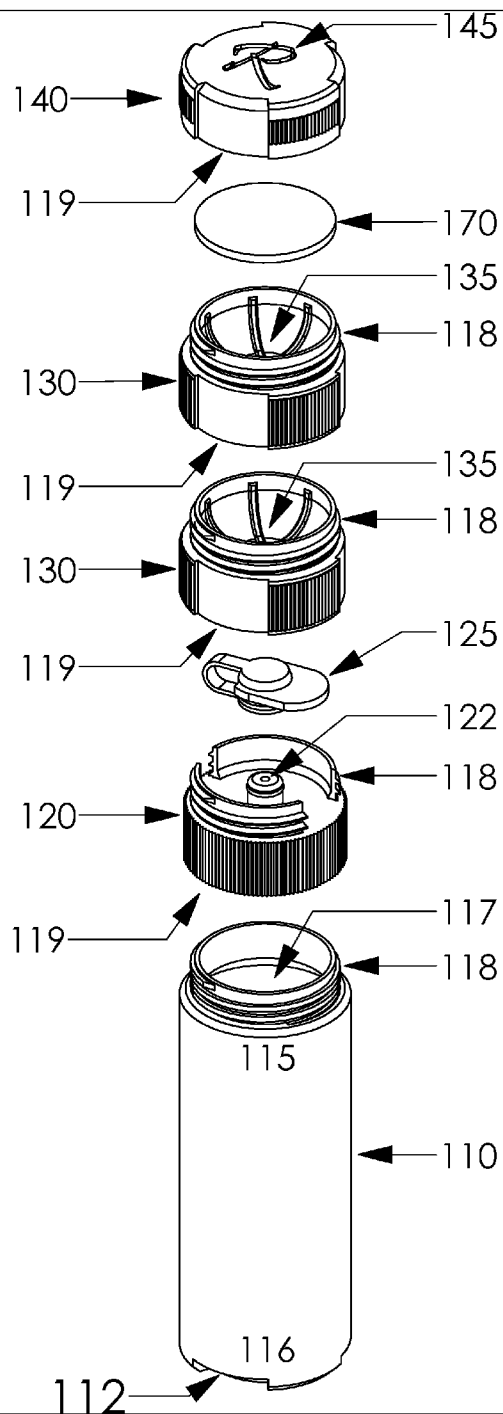
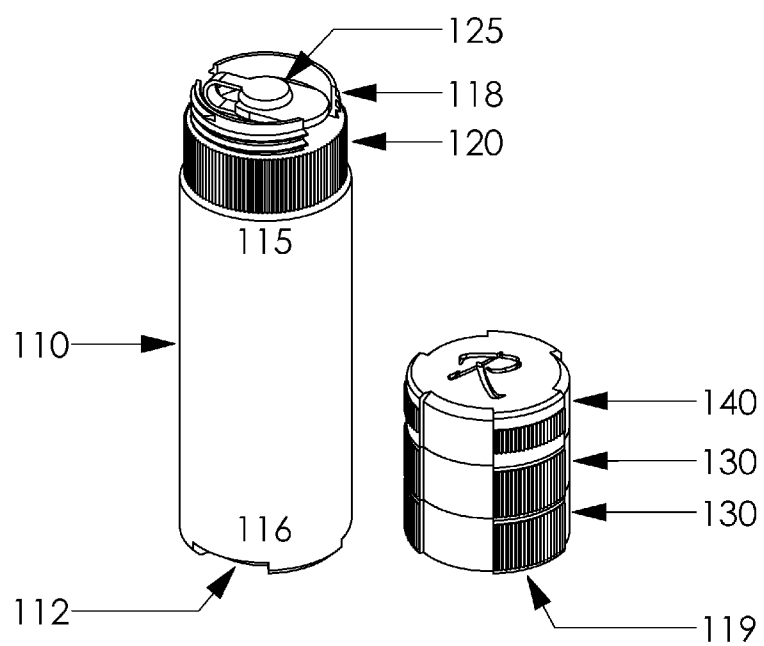


Figure 3



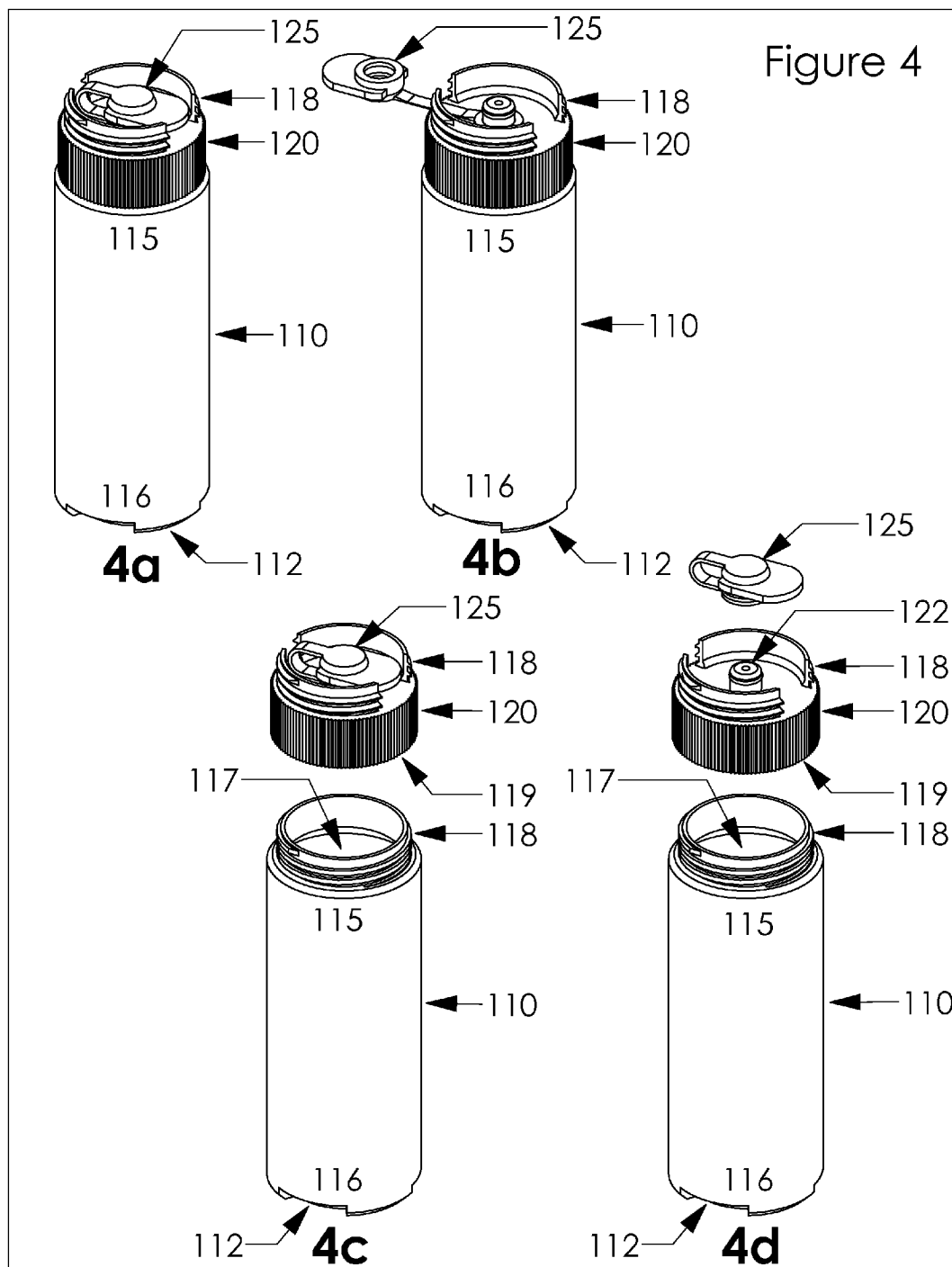


Figure 5

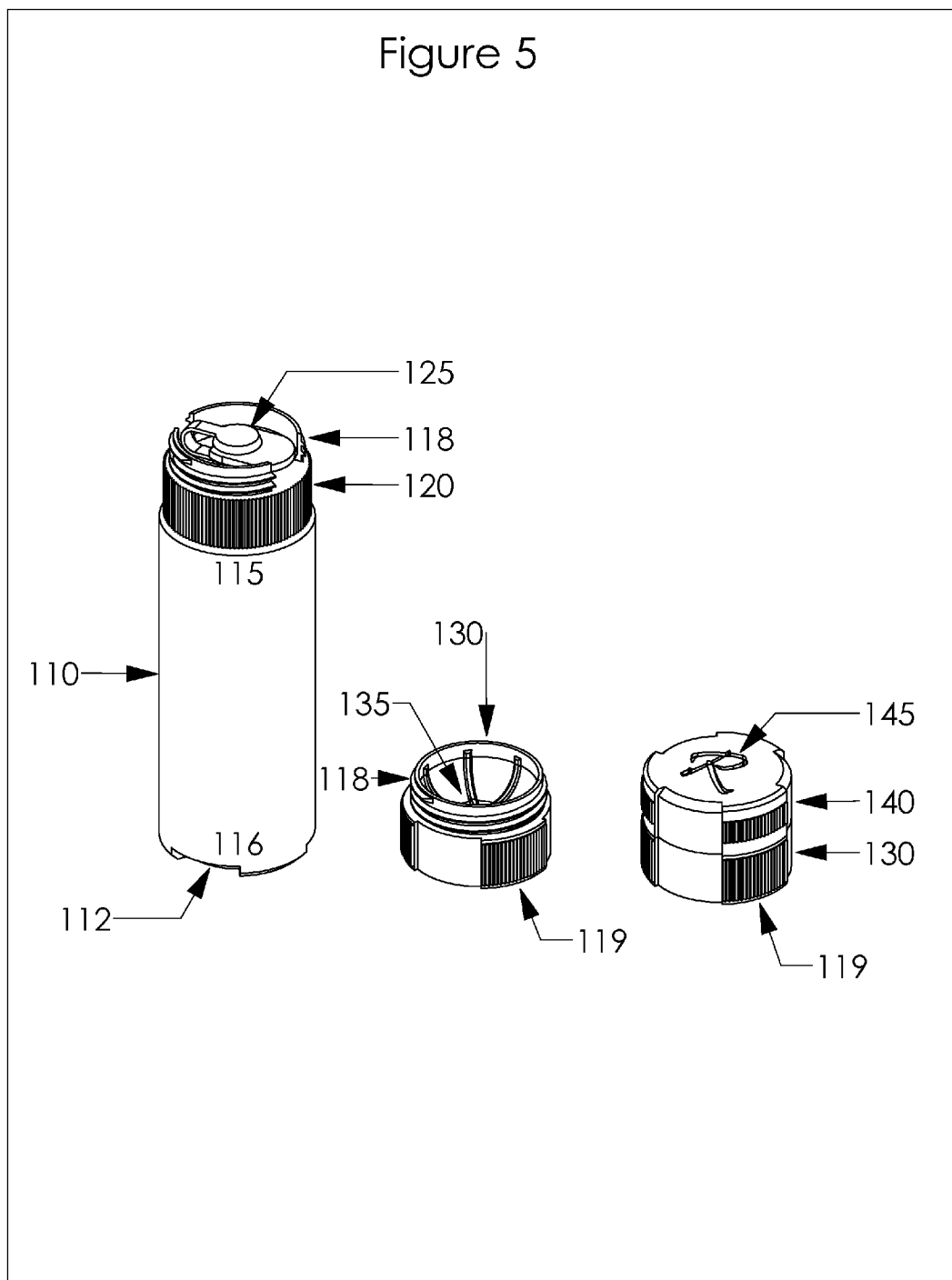


Figure 6

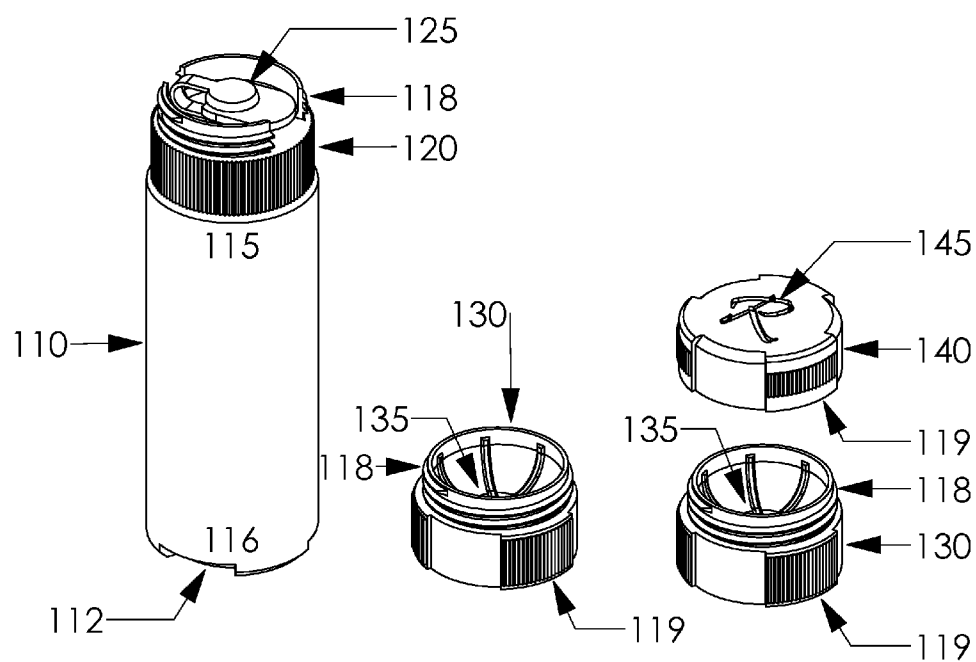


Figure 7

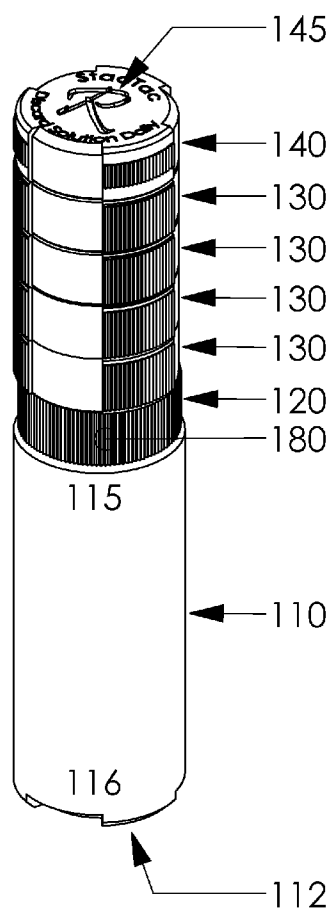


Figure 8

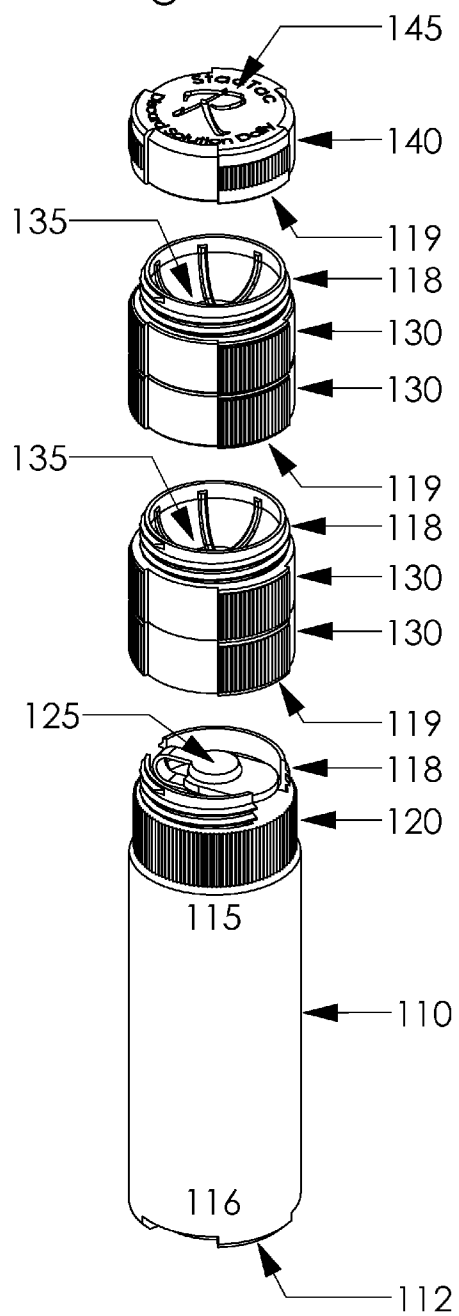


Figure 9

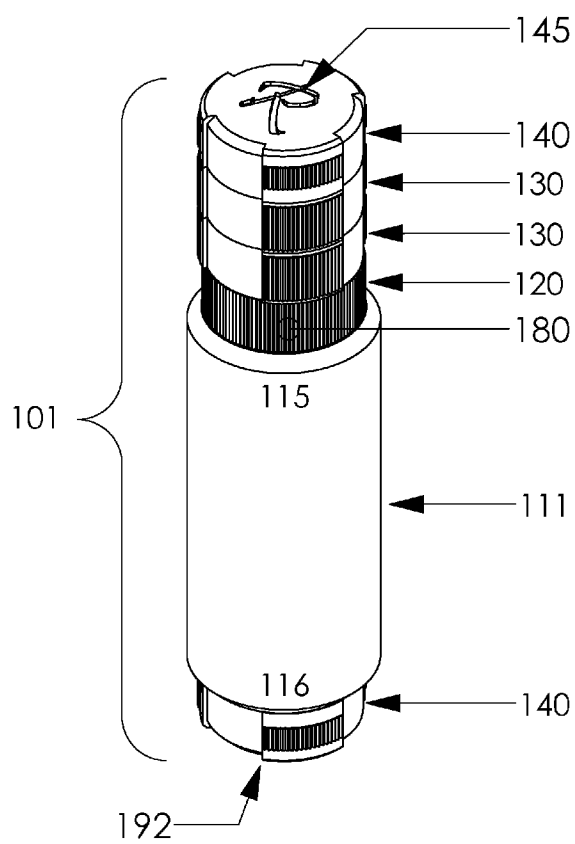


Figure 10

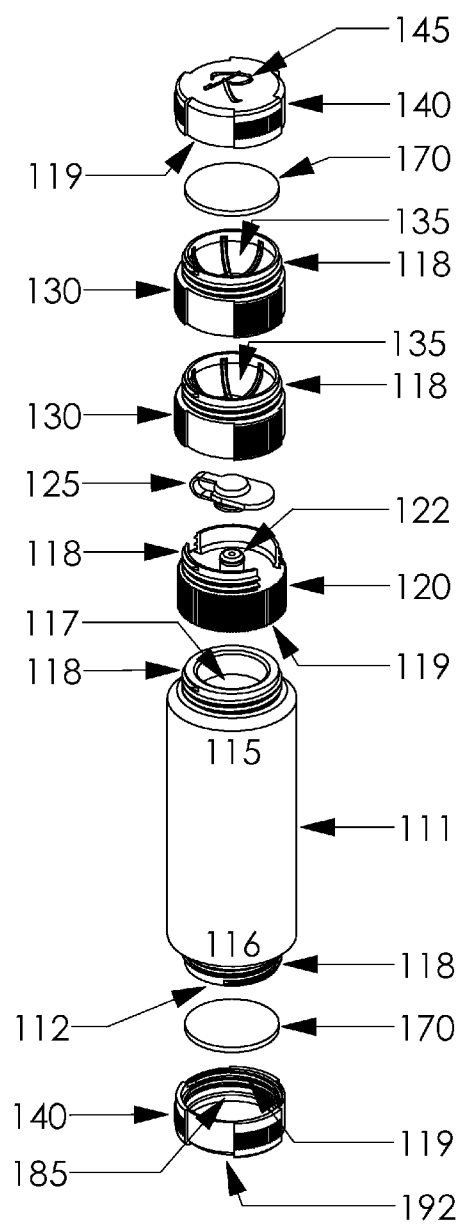
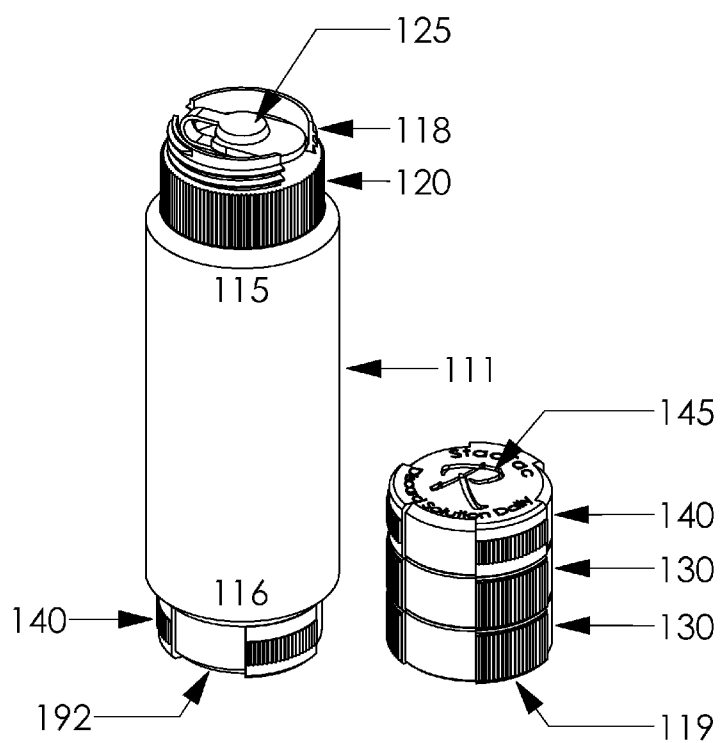
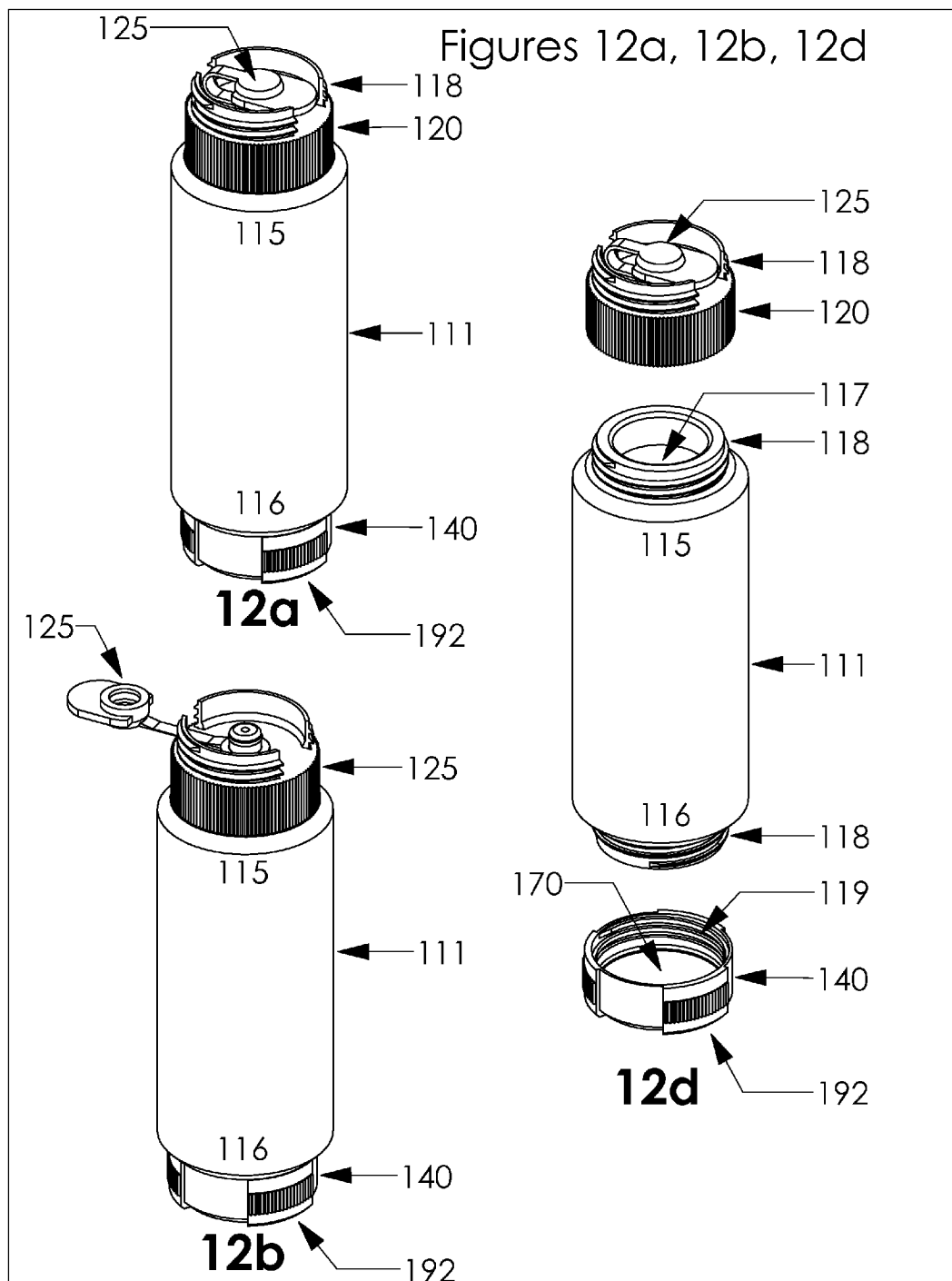


Figure 11





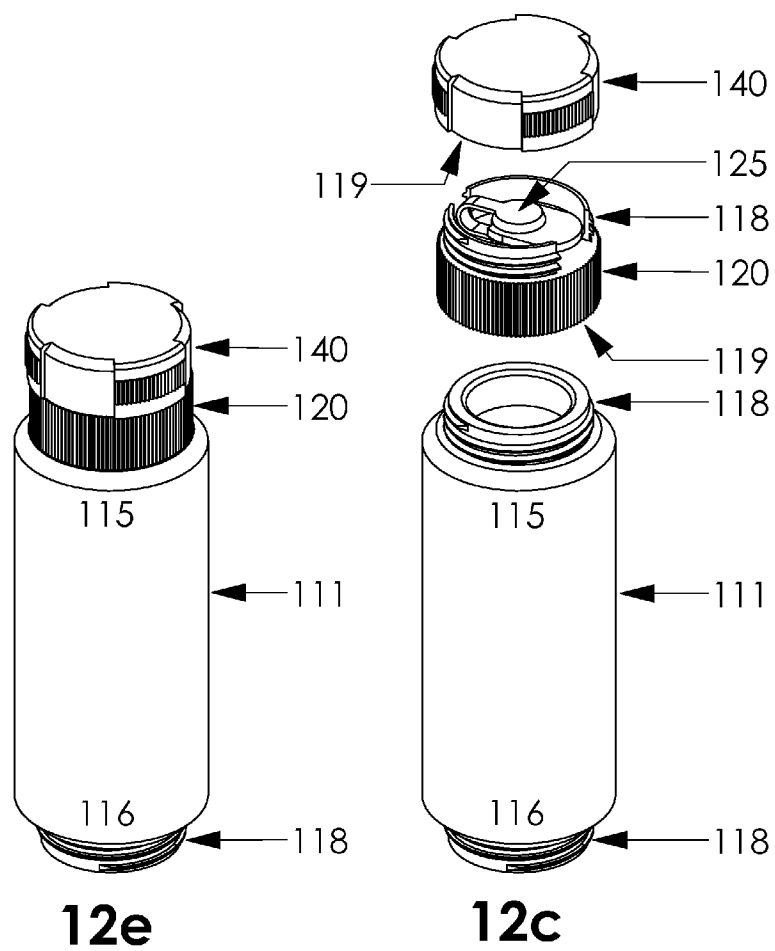


Figure 13

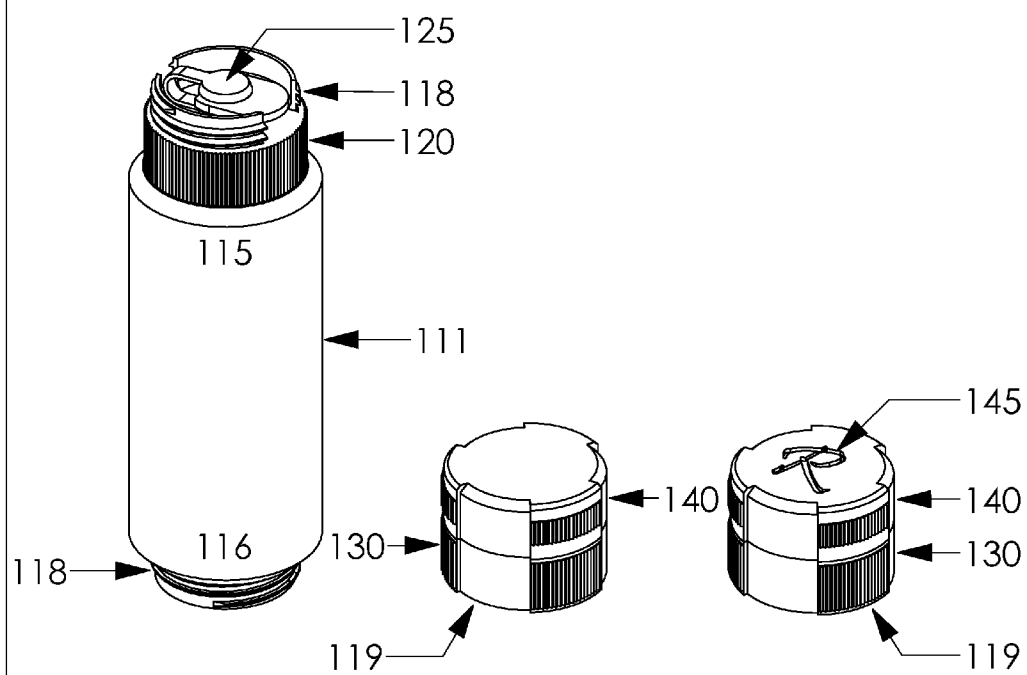


Figure 14

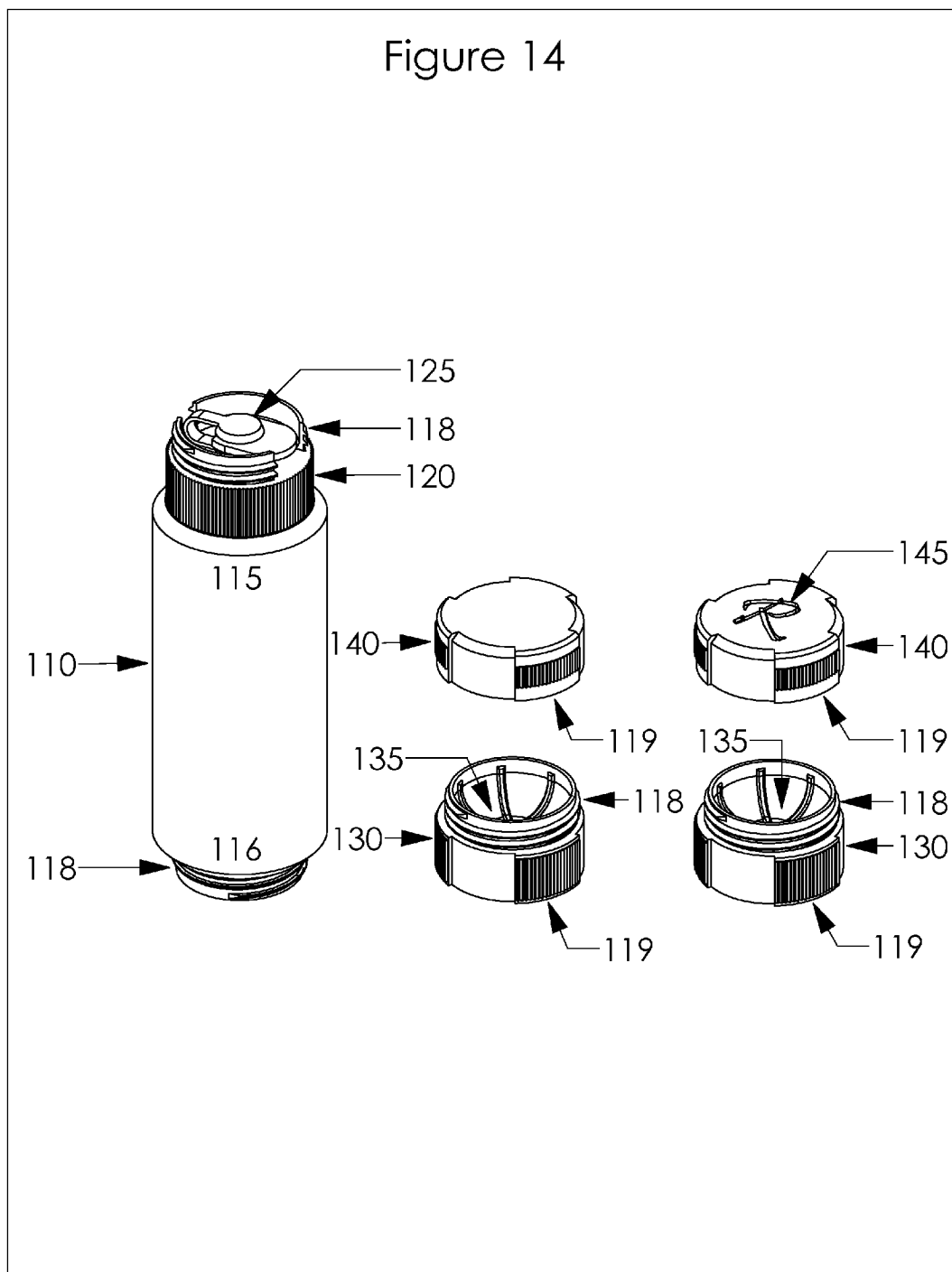
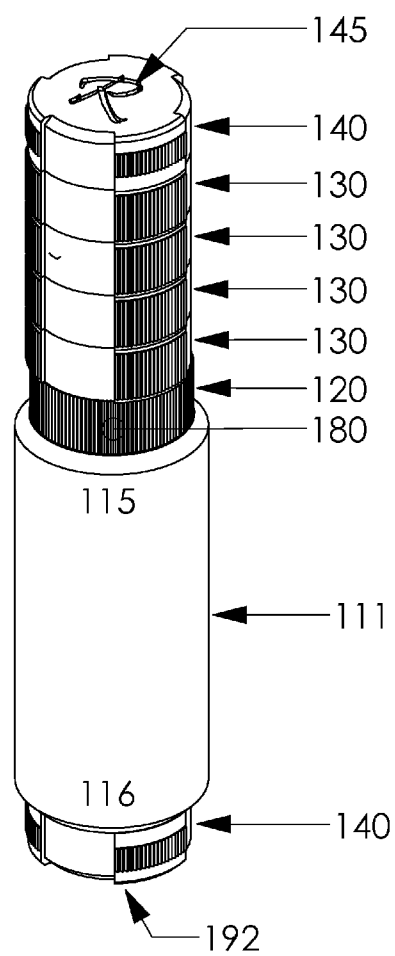


Figure 15



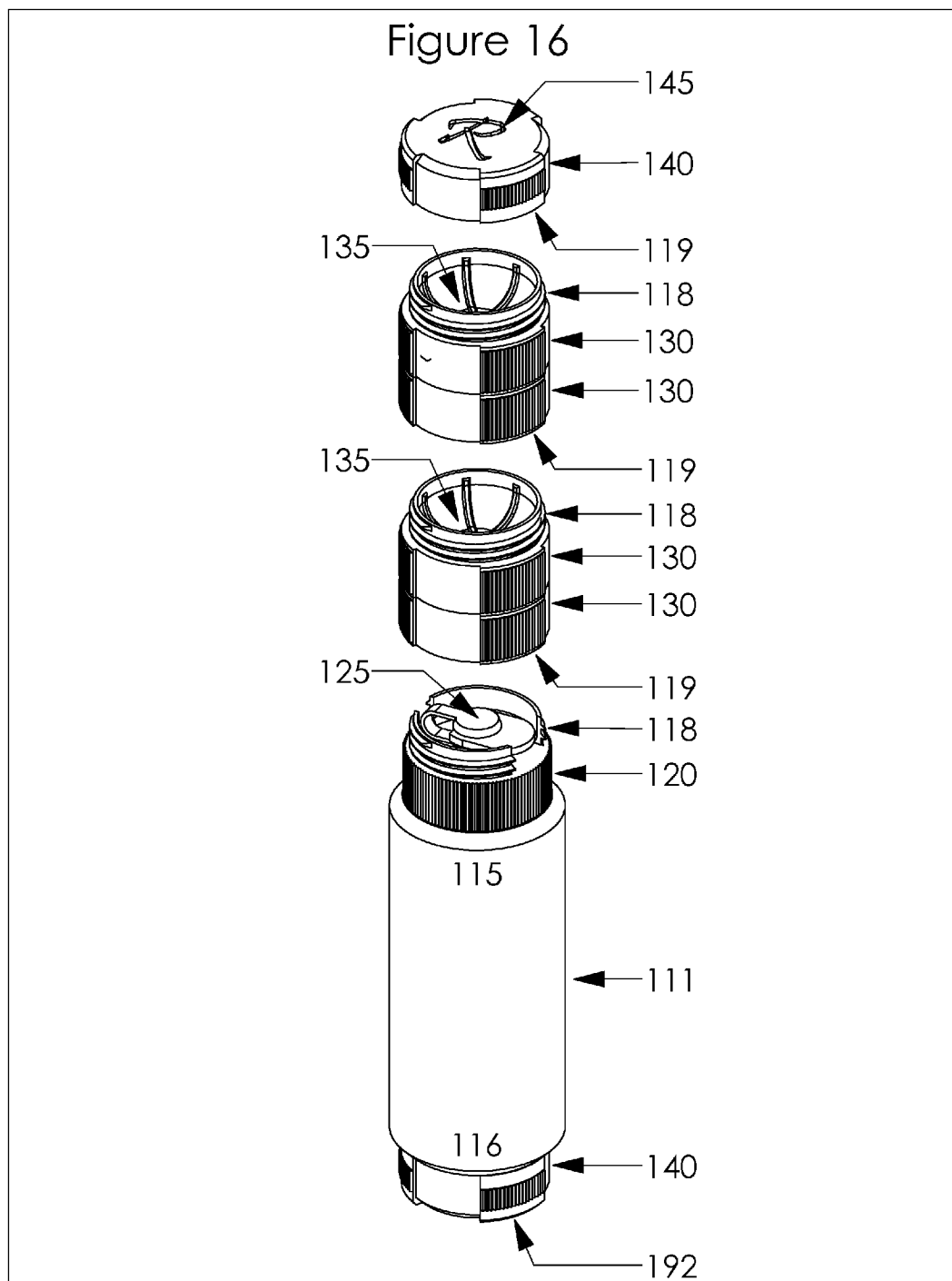


Figure 17

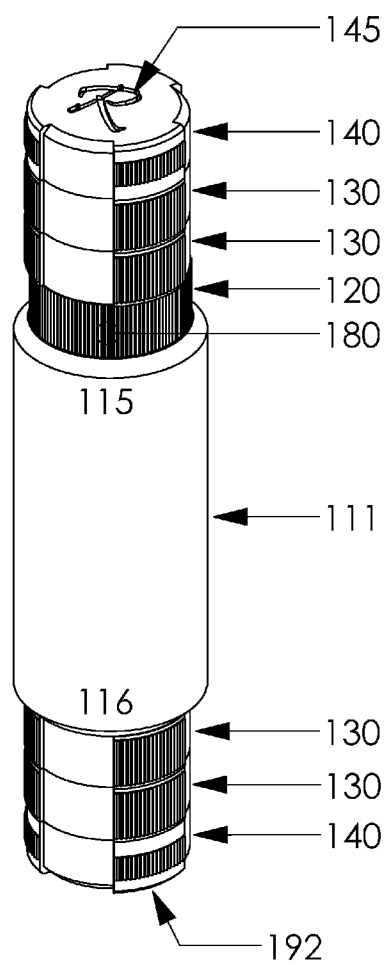


Figure 18

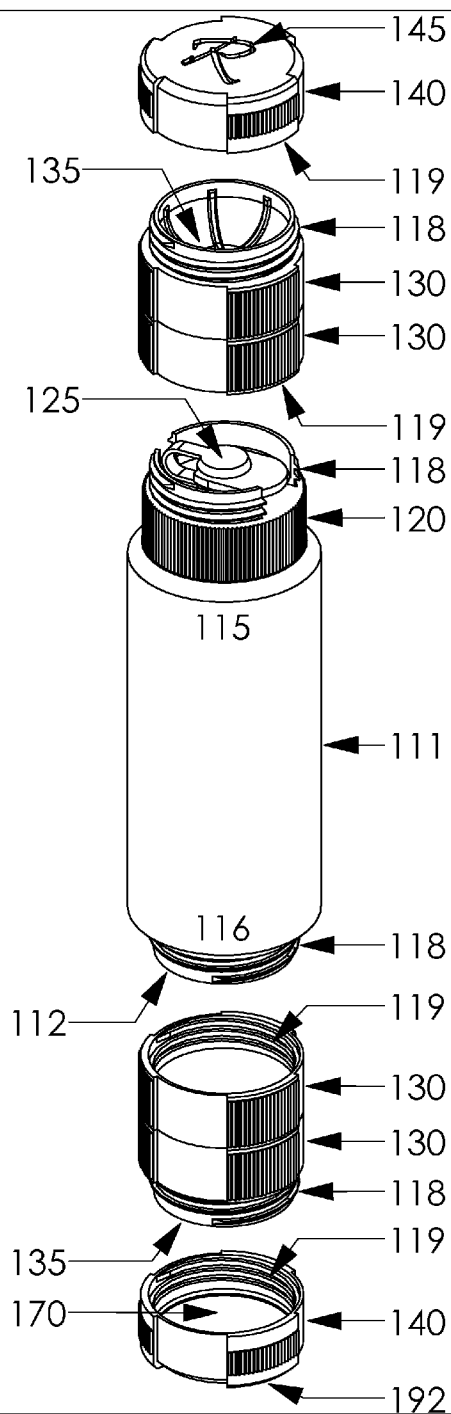
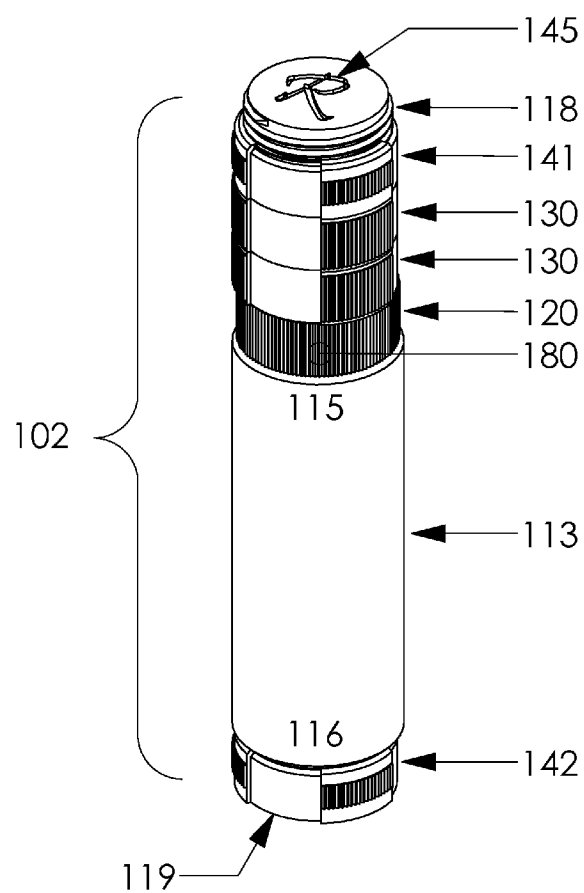


Figure 19



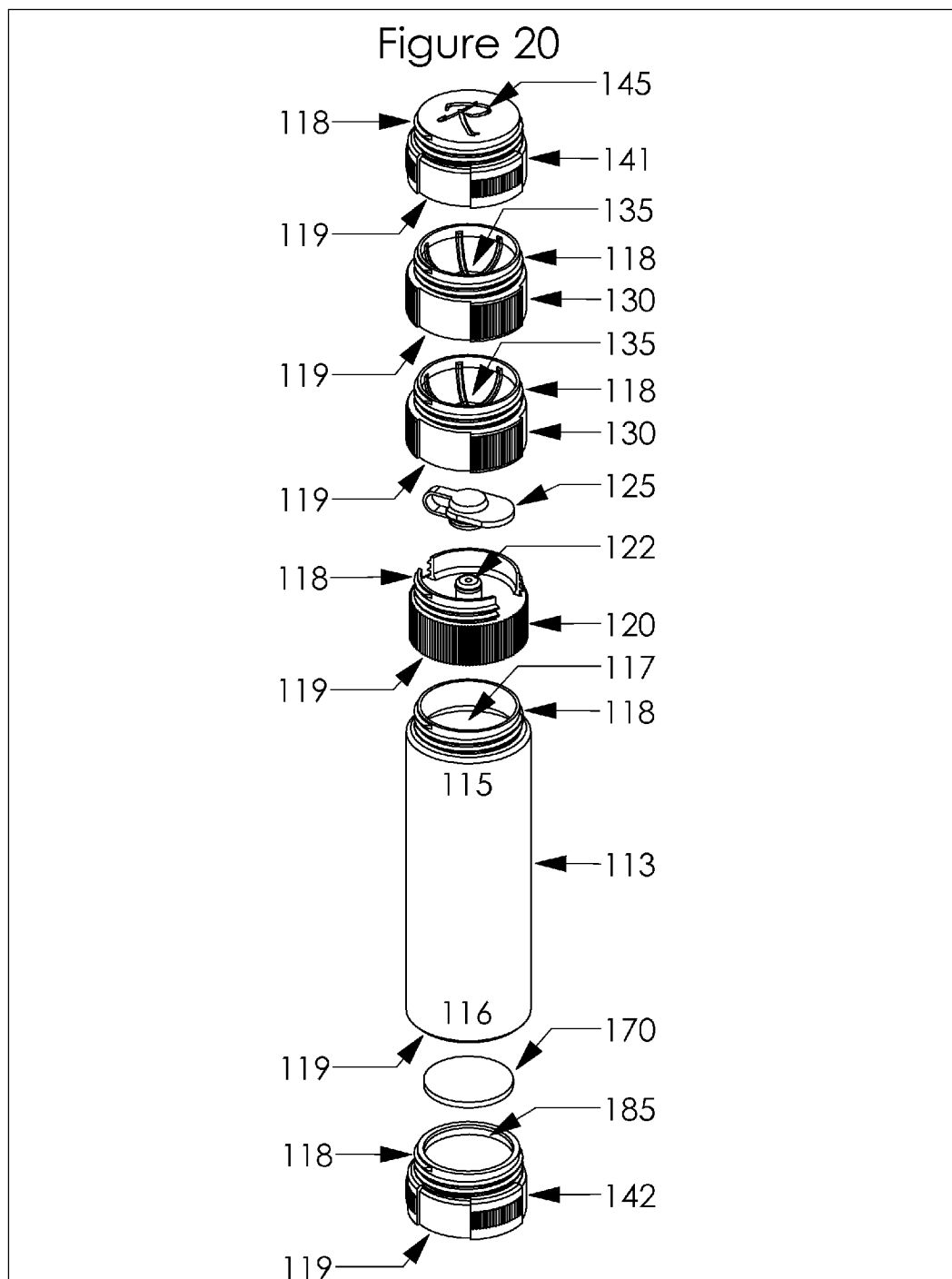
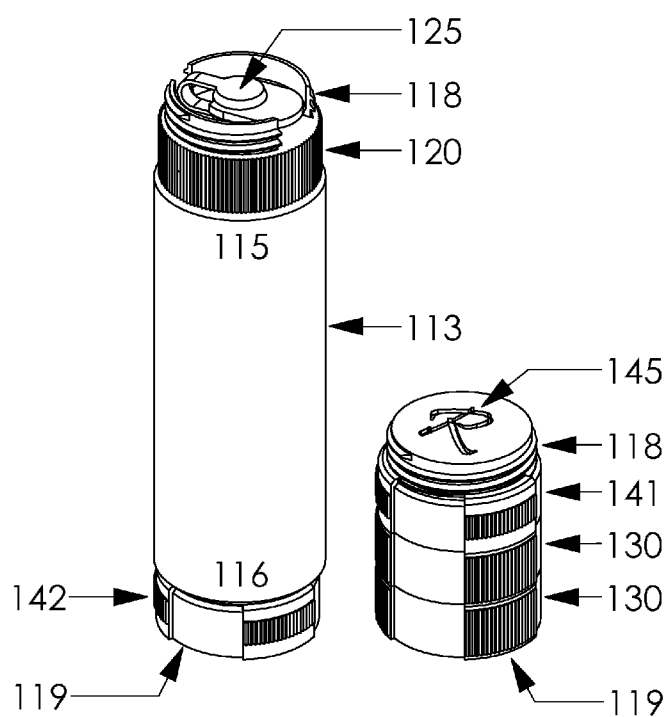
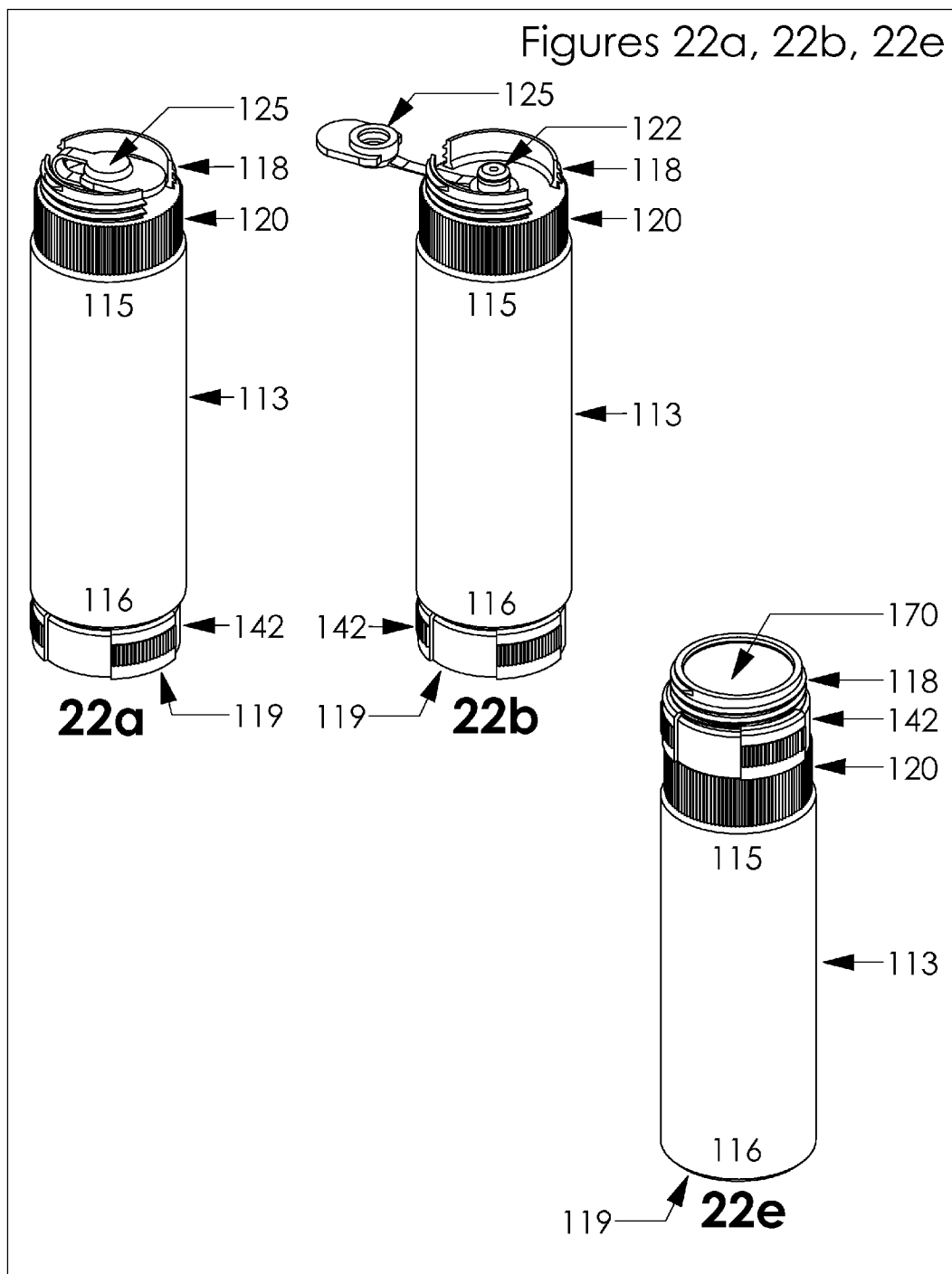


Figure 21





Figures 22c, 22d

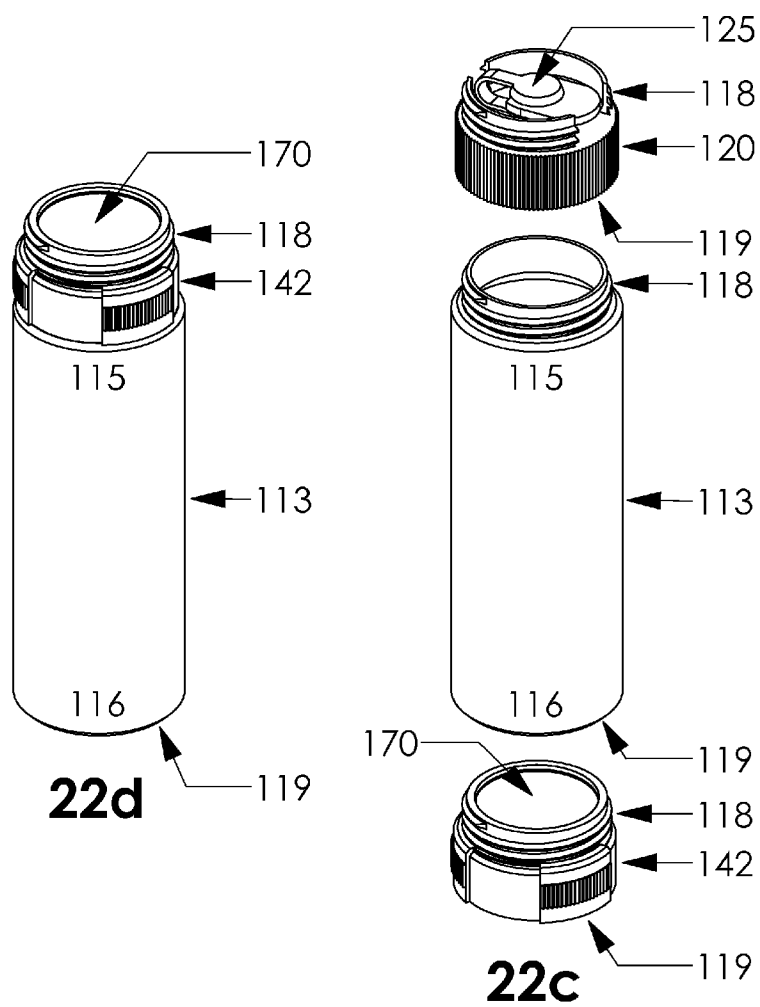


Figure 23

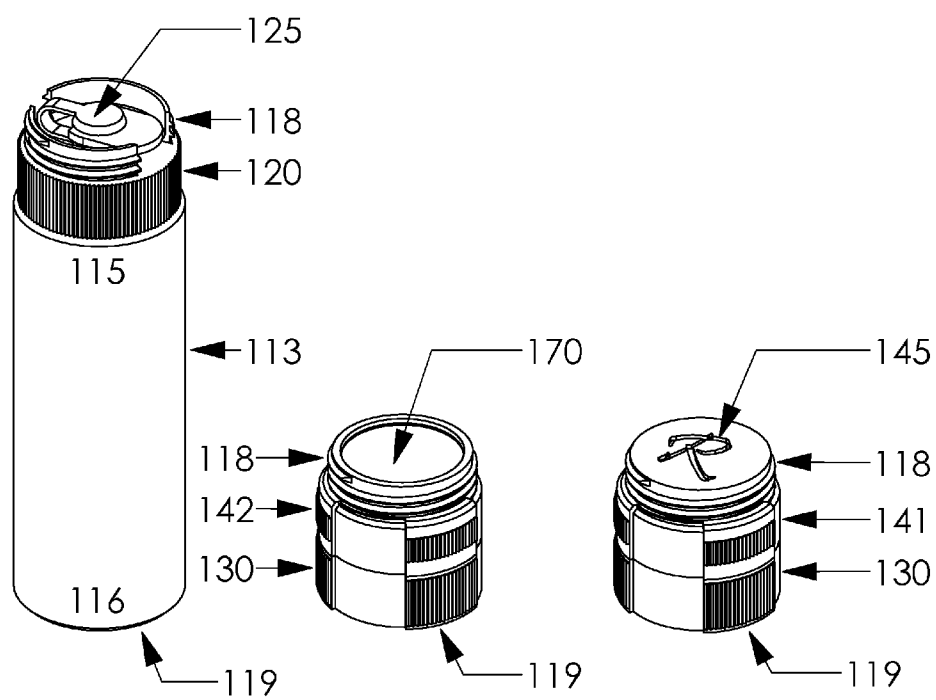


Figure 24

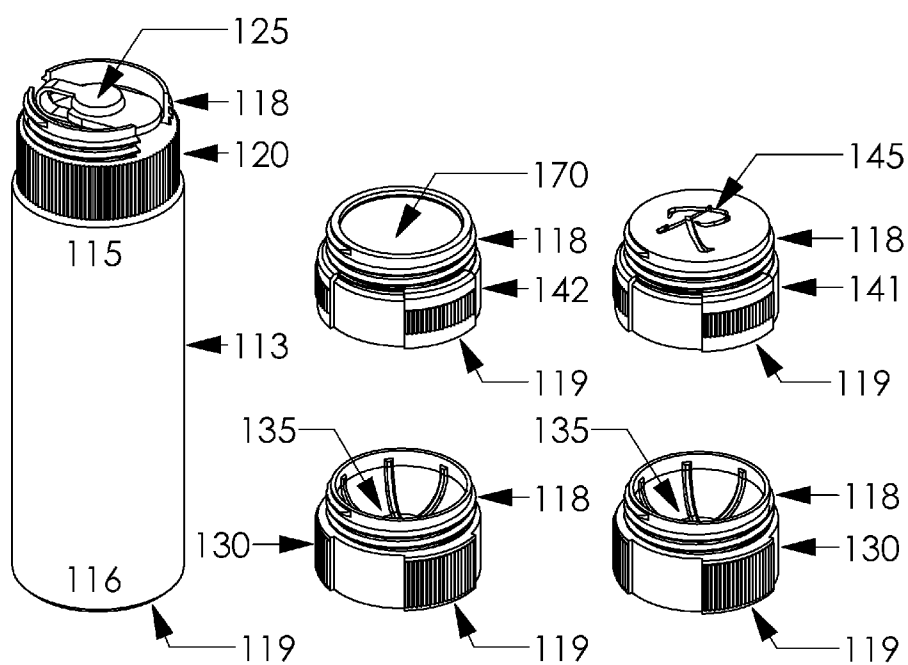


Figure 25

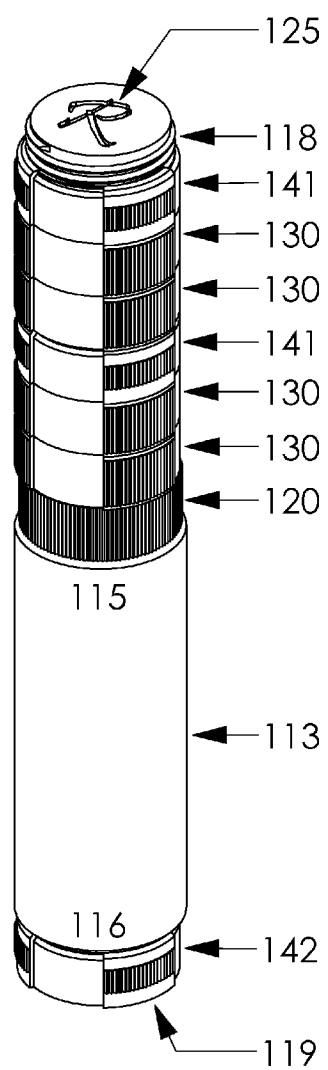


Figure 26

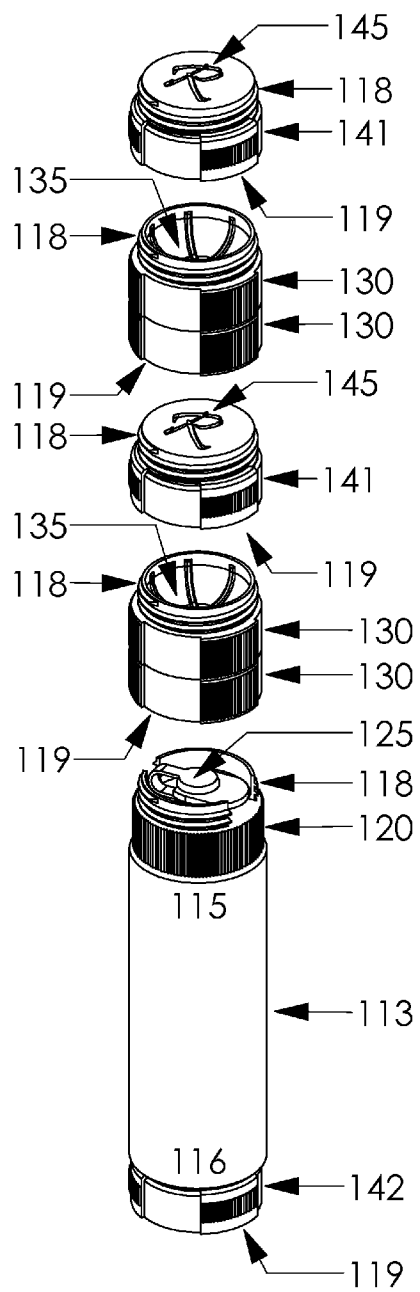


Figure 27

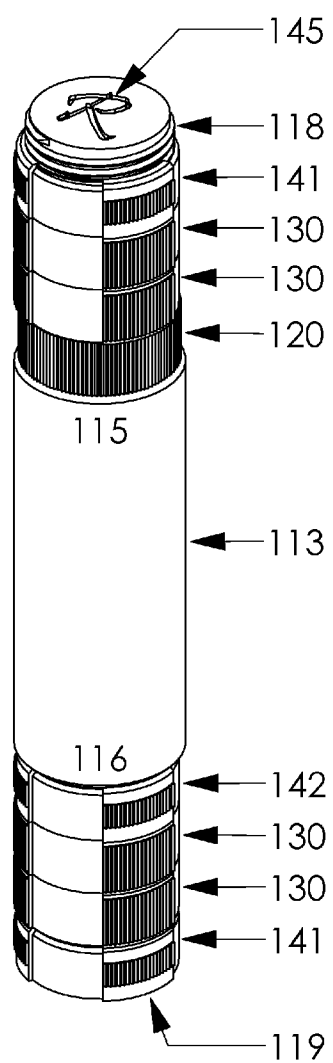


Figure 28

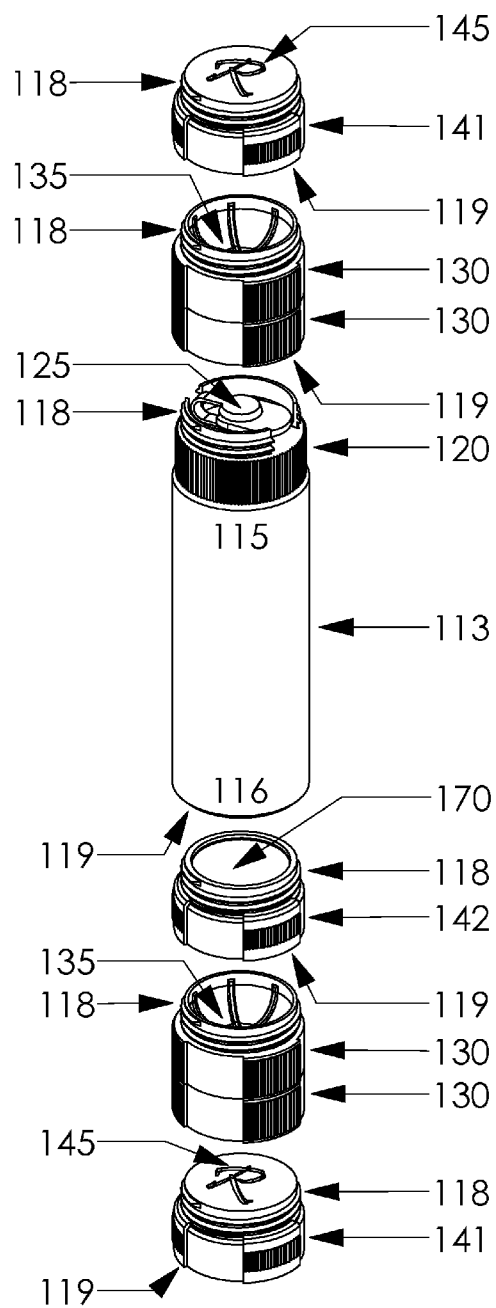


Figure 29

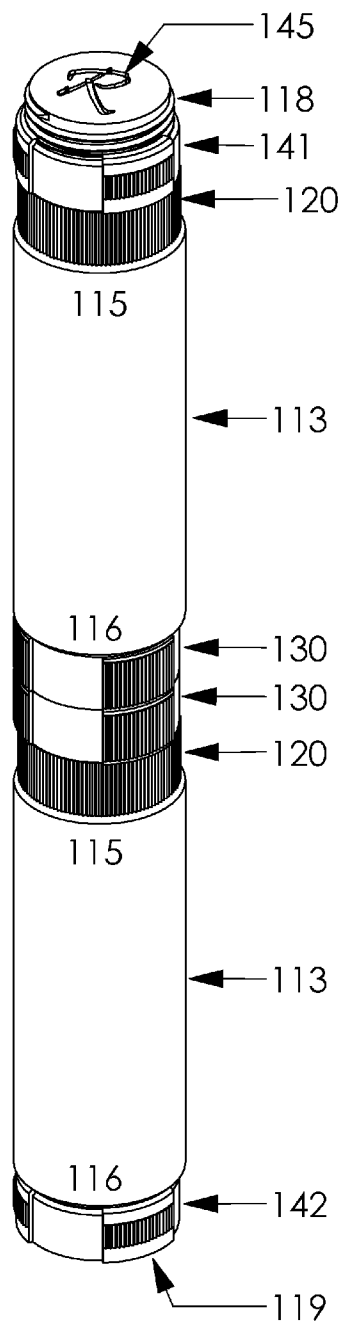


Figure 30

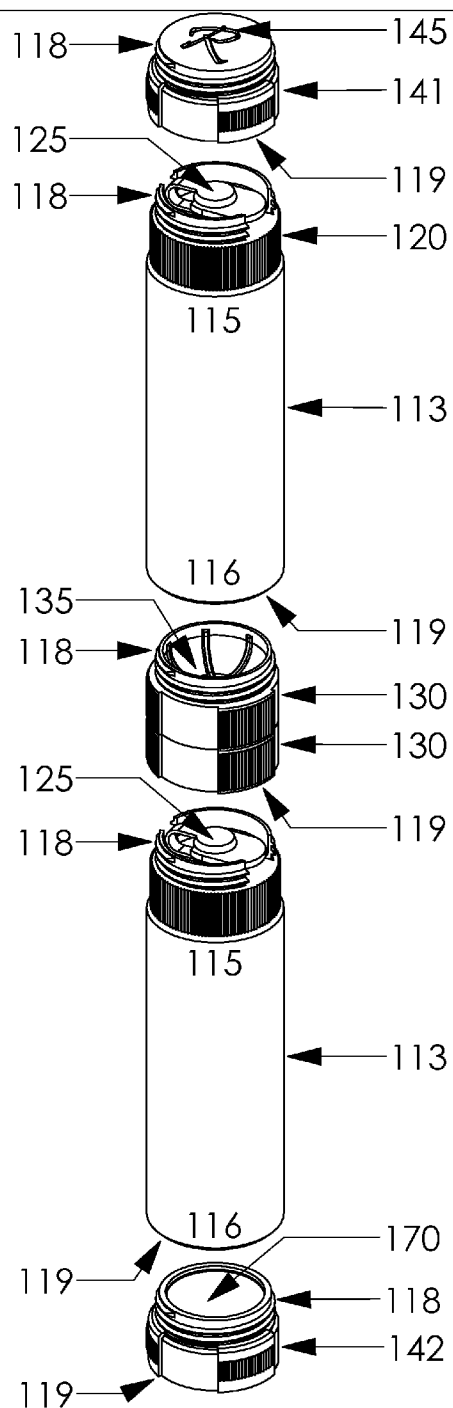
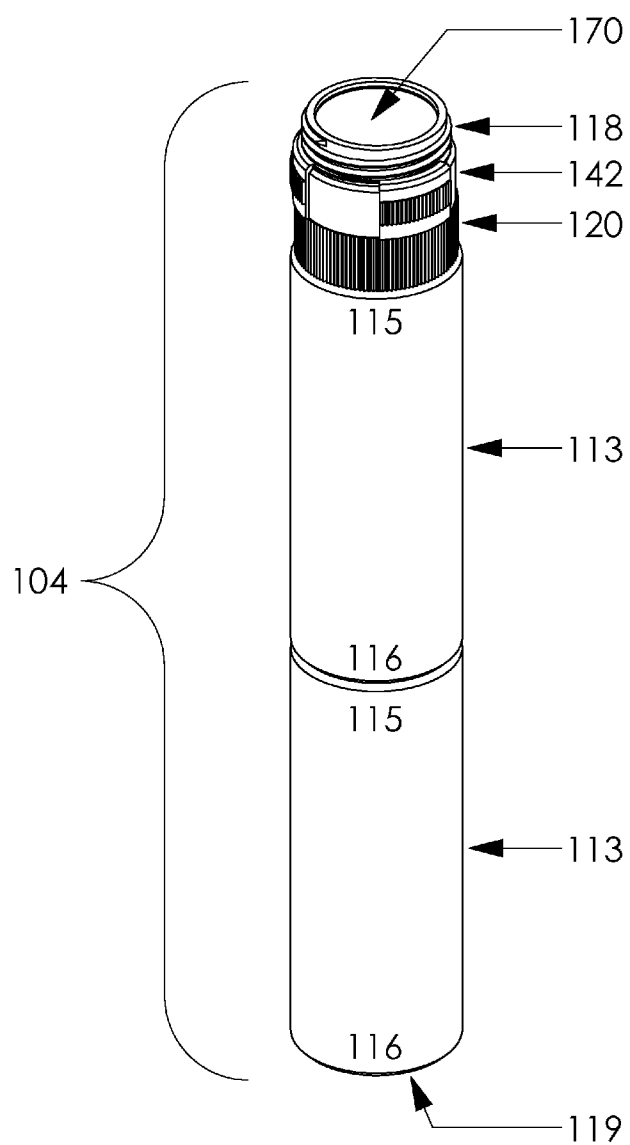


Figure 31



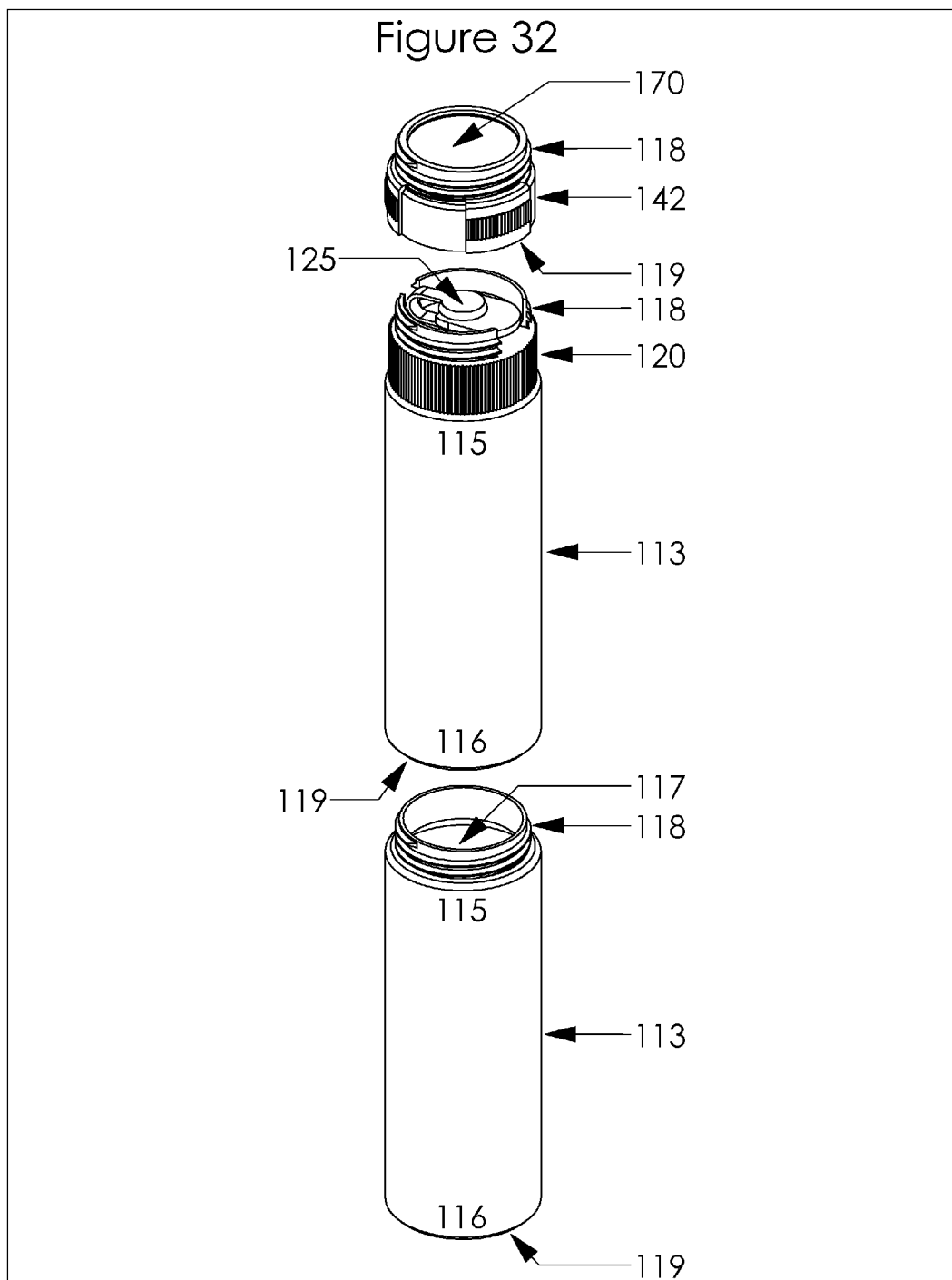


Figure 33

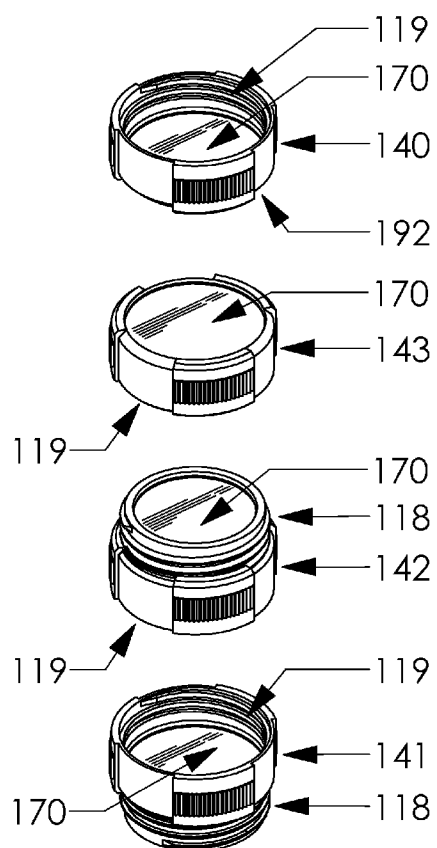
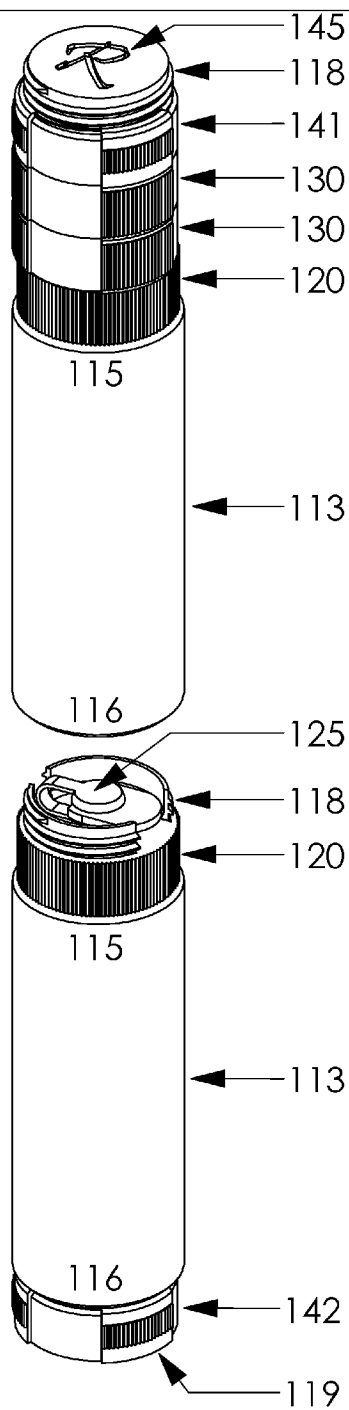


Figure 34



INTEGRATED BOTTLE, CASE AND MIRROR

FIELD OF THE INVENTION

[0001] The present invention relates to contact lens cases and the various solutions and associated bottles and containers used in connection with the cleaning, disinfection, rinsing and storage of contact lenses. More specifically, the present invention relates to an integrated solution container and dispensing bottle having stackable and removable contact lens cases and covers that can be separated from each other when desired.

BACKGROUND OF THE INVENTION

[0002] Contact lenses are corrective, cosmetic, or therapeutic lenses usually placed on the cornea of the eye. Most commonly, contact lenses are used to improve vision. Based upon various characteristics relating to the contact lenses and their usage, including the material of construction of the lenses, frequency of use and replacement, and wear time, contact lenses require cleaning to disinfect the lenses, remove bacteria and fungi, and to prevent discomfort and infections.

[0003] Various types of cleaning, disinfecting and rinsing solutions and methods are known and available for cleaning contact lenses. For example, a multipurpose solution is likely the most popular. A multipurpose solution is used for rinsing, disinfecting, cleaning and storing contact lenses. When the contact lenses are stored in the multipurpose solution, the cleaning enzymes work more effectively to remove bacteria. A multipurpose solution typically eliminates the need for protein removal enzyme tablets.

[0004] Another type of solution called Saline solution is used for rinsing contact lenses, sometimes after cleaning with other solutions, prior to insertion of a contact lens onto one's eye. Saline solutions do not disinfect the lenses. Rather, Saline solutions are used to rinse any cleaning solutions (and accompanying bacteria) off of the contact lenses and to prepare the contact lenses for application onto the eye. Saline solutions are typically safe for application onto the eye.

[0005] A daily cleaner is used to clean contact lenses each day. A few drops of cleaner are applied to the contact lens while it rests in the palm of the hand and the contact lens is rubbed for about twenty seconds with the fingertip. Saline solution is then used to rinse the contact lens.

[0006] Hydrogen peroxide solution is a type of disinfection solution/cleaner available as one-step or two-step systems. A high degree of care must be taken to ensure that the contact lenses taken out of the hydrogen peroxide are neutralized using Saline solution, before placement onto the eye, to rinse away the peroxide.

[0007] Enzymatic cleaner is typically used on a weekly basis for cleaning protein deposits off of contact lenses when a daily cleaner is insufficient. Enzymatic cleaners are usually manufactured in tablet form and are dissolved within another solution, typically Saline, before the contact lenses are immersed into the solution.

[0008] Contact lens solution bottles/containers are usually comprised of a pre-filled disposable squirt-type bottle that holds a predetermined amount of liquid solution.

[0009] Inevitably, contact lens wearers carry at least one type of solution with them when traveling outside the home in case of a problem (e.g., some foreign matter is in one's eyes, a contact falls out or gets dirty) or in order to have all of the required solutions for proper maintenance. While it may be

possible to purchase the requisite solution at a local store when outside the home, it is cost prohibitive to continuously purchase solution(s), a contact lens could dry out and become unusable if solution is not readily available, it is often an inconvenience to have to leave a location to go get solution, and depending upon the hour of the day and the location, a store with solution may not be open or accessible. In particular when traveling, it is desirable to have the solution(s) on hand when at bus stations, train stations, airports, etc., when traveling in an automobile, boat, bus, train, and plane, when staying overnight outside the home, such as at a hotel or resort, and when hiking or walking.

[0010] In addition to the solution(s), contact lens wearers also typically carry contact lens cases or holders. The most common contact lens case has two compartments with either screw-on/threaded caps, or snap-down caps, typically labeled "L" and "R" for left and right. The contact lens cases provide for storage of the contact lenses when not worn, either temporarily (e.g., when a wearer of contact lenses feels the need to remove the contact lenses due to irritation or soreness) or for prolonged storage during cleaning (e.g., overnight).

[0011] Accordingly, contact lens wearers typically travel outside the home with at least one container containing solution and at least one contact lens case/holder. Some wearers also travel with a compact mirror to help with the removal and placement of a contact in one's eye. The numerous items that need to be carried create a burden to users. They are sometimes forgotten or misplaced, users need to keep track of and remember to take them, they typically require a significant amount of storage space (especially for the larger solution bottles), sometimes result in storage and transportation of the solution containers in different locations than the contact lens case, and when traveling on airplanes the solution containers are sometimes confiscated because they exceed the United States Transportation Security Administration's rules (or comparable rules in other countries) for acceptable sizes and volumes of liquids, aerosols and gels that can be brought onboard aircraft. According to the current U.S. TSA rules, the maximum size container that can be brought onboard an aircraft is 100 milliliters (3.4 ounces).

[0012] Having separate and distinct solution bottles and contact lens cases is practical when using the devices because when a user wants to introduce solution for the care of the contact lens(es) into the contact lens case, it would not be possible to do so if the case and container were connected to each other. It is easier and more convenient to be able to hold the solution bottle in one hand and the case in the other and to squirt the solution. Being separable, the case may also be set on a counter or flat surface and the solution dispensed into the case. Either way that the components are used together, it is preferred to have the case separate from the bottle during use. Once a contact lens case is filled and the lens is placed therein, caps or lids are placed on the case to keep the solution inside.

[0013] While separate cases and containers are desired during usage, it is inconvenient to carry, and oftentimes difficult to remember to take, all the components for proper maintenance of the contact lens, e.g., solution bottles, contact lens cases and mirror.

[0014] Accordingly, there is a need for a device that provides for both convenient storage and transport of solution(s), and lens case(s), and also a mirror, in a single integrated unit, or at least provides a user with the ability to do so, if desired, and also provides for separation of the solution bottle from the contact lens case and/or from the mirror during use.

[0015] There is also a need for a device capable of storing and dispensing multiple solutions in a single integrated unit, or at least provides a user with the ability to do so if desired, and also provides for separation of the multiple solution bottles from each other and from the contact lens case(s).

[0016] There is also a need for a device that is compact to minimize the weight and size during transport yet large enough to provide the desired amount of solution(s) needed during use.

[0017] There is also a need for a device that complies with TSA rules regarding liquids that can be carried onboard aircraft while also providing larger total fluid storage capacity when the device components are integrated into a single unit.

[0018] Some attempts have been made to integrate contact lens cases/holders with containers carrying the solutions. Those attempts, however, result in devices where 1) the contact lens case/holder is attached to the bottle of solution container and not configured for use separated from the bottle or 2) devices where bottles and contact lens cases are separately stored within larger carrying cases resulting in more space consumption thereby making transportation more inconvenient and creating the chance to misplace pieces of the kits or for them to separate.

[0019] For example, U.S. Pat. No. 5,127,517 discloses one such system incapable of utilizing the contact lens case separate from the bottle. A contact lens holder and fluid container are incorporated into a unitary body but are not separable for use independently, particularly the contact lens holder. The device according to U.S. Pat. No. 5,127,517 is configured to dispense fluid into a fluid conduit through the contact lens holder and to fill the contact lens holder with the fluid. The contact lens holder, fluid conduit, and fluid container may all be incorporated in a unitary body, or fluid container and/or the fluid conduit can be selectively attachable to the contact lens holder so that different fluid containers can be interchangeable with the contact lens holder. The device according to U.S. Pat. No. 5,127,517 is also much bulkier than desired.

[0020] U.S. Patent Application Publication No. 2009/0229999 discloses a device that combines a contact lens container with a circulating solution system but again, the contact lens storage case portion of the device is not separable from the remainder of the device for use individually on flat surfaces and the contact lens case is bulky and inconvenient.

[0021] As another example, U.S. Pat. No. 4,925,017 discloses a temporary storage contact lens cleaning kit comprising: a storage case having a base with a bottle storage area upon which at least one removably mounted bottle containing contact lens cleaning and storage fluid is mounted; and a lens storage area upon which a pair of open topped storage cups are attached and structured to accommodate and hold a pair of contact lenses, and a pair of removable caps attached to the base and sized to secure and fluid seal the opening of each respective storage cup to hold within said cup a contact lens and various types of lens cleaning and storage contact lens solutions. The device according to U.S. Pat. No. 4,925,017 is also bulky and requires storage of individual components within a larger case.

[0022] Similarly, U.S. Pat. No. 5,881,867 discloses another contact lens storage container having a hinged top cover for its main storage compartment. The main compartment is used for storage of a mirror and two bottles with lens care fluids may be stored. Exterior of the main compartment are two screw-on lens compartments for contacts. A clip on the container allows attachment to a user's clothing much like a

phone or pager. Again, much like the U.S. Pat. No. 4,925,017, the device according to U.S. Pat. No. 5,881,867 is also bulky and requires storage of individual components within a larger case.

[0023] There also exist devices designed to store individual contact lenses prior to sale. Some of those storage containers, such as that disclosed in U.S. Patent Application Publication No. 2002/0020634, although stackable, are not reusable, would fall apart if lifted from one end of a stacked pile, and does not include any bottle for the solution.

[0024] None of the aforementioned patents or devices provides for a highly compact, stackable contact lens solution and carry case device suitable for travel as a single unit, in a stable and sealed manner, and also capable of being separated into component parts during intended use of the solution and the contact lens cases. Accordingly, none of the aforementioned patents or devices provide for an effective integrated traveling device for contact lens solutions and cases. In addition, none of the aforementioned patents or devices provide for a reusable contact lens carry case for a single contact lens.

[0025] There exists a need for a simple, compact, stackable, integrated, re-useable, contact lens solution container and carry case device, incorporating a mirror if desired, that provides a high degree of user convenience when traveling, provides ease of use when dispensing and using the solution on contact lenses, and is also useful for storing contact lenses.

SUMMARY OF THE INVENTION

[0026] The present invention overcomes the foregoing and other shortcomings and drawbacks associated with contact lens solution containers and related fluid storage devices and contact lens cases/holders. While the invention will be described in connection with certain embodiments, it will be understood that the invention is not limited to those embodiments. To the contrary, the invention includes all alternatives, modifications and equivalents as may be included within the spirit and scope of the present invention.

[0027] The present invention relates generally to a compact, stackable, integrated, and re-useable contact lens case and contact lens solution bottle. More particularly, the present invention relates to a reusable, squeezable, solution bottle with a removable top thereby providing for filling and refilling as desired. Preferably, the bottle is tubular or cylindrical shaped, most preferably a little larger in diameter than the size of a contact lens. The upper portion of the bottle includes an aperture or opening and also includes a male connector with threads (or a snap fit connection or other comparable fastening means for a cap, cover or lid) for secure attachment with a removably attached cap for the bottle. Preferably, the bottom end of the cap that attaches to the top of the bottle includes an aperture or opening forming a female connector with threads for a screw type connection with the male type connector and threads on the top of the bottle. The bottle cap preferably includes a nozzle on the top side that creates a stream of the solution when the bottle is squeezed, preferably when the bottle is tilted or turned upside down. To prevent the bottle from unintentionally leaking or dispensing solution, a removable nozzle lid is included on the device.

[0028] The bottle cap further includes a male connector extending upwardly from the top of the cap with threads for secure attachment of a removable contact lens case or a contact lens cover for storage of one contact lens. Each contact lens case includes an aperture or opening on the bottom end forming a female connector with threads and a male connec-

tor with threads on the top end. Multiple contact lens cases are securely stackable on each other and are also removably attachable to each other and/or the bottle cap using the threaded connectors. Preferably, each contact lens case is cylindrical and about the same diameter as the bottle, most preferably a little larger in diameter than the diameter of the bottle.

[0029] The device of the present invention also includes a contact lens cover that may be removably used on any of the contact lens cases and/or the bottle depending upon the desired usage and configuration for the device. The lower portion or bottom of the contact lens cover includes an aperture or opening with a female connector containing threads. In the preferred embodiment, the top side of the contact lens cover includes an "L" or and "R," or other readily identifiable indicia, to assist the user with keeping track of the location of the left and the right contact lens. Alternatively, the top side of the contact lens cover could include a mirror. In yet another embodiment, the top side of the contact lens cover includes a male connector with threads and a mirror.

[0030] When preparing the integrated contact lens bottle and case device for use, the user places solution into the bottle and fastens (e.g., screws or snaps or other equivalent fastening means) the bottle cap having an opening or nozzle thereon onto the top of the bottle. The removable nozzle lid is placed on the nozzle or opening on the bottle cap to prevent the solution from undesirably or unintentionally leaking or dispensing out of the bottle. One contact lens case is then fastened (e.g., screwed or snapped) onto the bottle cap and as many additional contact lens cases as desired are removably fastened on top of the first positioned fastened contact lens case and then subsequent contact lens cases. A contact lens cover is then placed on the highest or uppermost positioned contact lens case to seal or close the uppermost component, each of the intermediary contact lens cases being sealed by the contact lens case immediately above it. All components of the integrated contact lens bottle and case device are therefore integrated into a single compact device that can be readily transported as a single unit. The integrated device can be conveniently carried as a single unit or as component parts in a purse, briefcase, cosmetics bag, toiletry bag or case, luggage, etc. When the user needs to use the device such as, for example, when at the office, the user could take the integrated device as one unit out onto the desk or into the bathroom thus avoiding the need to look for and carry more than one device, e.g., bottle, contact lens case and mirror.

[0031] Further, when the user wants to dispense the solution, the contact lens case(s) attached to the bottle cap is/are removed (either one at a time or all together), the user lifts the nozzle lid off the nozzle, tilts or rotates the bottle, and squeezes the bottle thereby dispensing the solution, most likely into the users hand for cleaning or rinsing of a contact lens. If the user wants to remove his/her contact lens(es) and store them for cleaning or for usage at a later time, the user removes (e.g. unscrews) the contact lens cover from the uppermost contact lens case and/or separates one of the contact lens cases from the stacked configuration, places the contact into the contact lens case and then dispenses solution into the contact case using the bottle. Removability of the contact lens case(s) from the bottle is one advantage of the invention, particularly when using the solution and/or cleaning and/or preparing the contacts for storage in the contact lens cases.

[0032] The bottom surface of the bottle, such as the entire diameter or the circumference of the outside diameter, is substantially flat for stability when the bottle is placed on a flat surface such as, for example, a counter.

[0033] In another embodiment of the invention, the bottom of the bottle further includes a male connector with threads for removable attachment to another contact lens cover. The inclusion of a second contact lens cover provides the user with many additional configurations and uses for the components of the device. For example, a contact lens cover can be used on any of the contact lens cases (particularly useful when maintaining the components of the device, especially more than one contact lens case, separate from each other) and a contact lens cover can be used to cover the bottle as an added precaution for leakage of the solution out of the bottle.

[0034] Alternatively, with a male connector with threads on the bottom of the bottle, any of the contact lens cases and/or additional contact lens cases can be removably secured to the lower portion of the bottle utilizing the female connector with threads on the bottom of the contact lens case(s).

[0035] In yet another embodiment, the bottom of the bottle includes a female connector with threads providing for a means for removable attachment of the top of a contact lens case having a male connector with threads and/or a cover having a male connector with threads. Utilizing the female connector with threads on the bottom of a first bottle, a second bottle may also be integrated into the device. The male connector with threads on the top of the second bottle can be screwed onto the female connector with threads of the bottom of the first bottle. Using a multiple bottle configuration, different solutions can be stored and transported in an integrated single device when the bottles are connected to each other.

[0036] Yet another embodiment of the invention integrates a mirror into the device in one or more locations. The mirror may be positioned within one or more of the connectors on the contact lens case(s), the cover(s), and/or the bottom of the bottle. In the preferred embodiment, a mirror is securely positioned and attached to the top of one or more covers using a snap-in type fitting comprising a rim around the inside circumference of an aperture in the top of the cover.

[0037] Although not necessary for all embodiments, in one embodiment, the volume of each bottle may be configured to be no more than 100 milliliters. When boarding aircraft, the bottles of such size can be separated from each other for compliance with TSA rules. Once onboard the aircraft, the bottles and other components including one or more contact lens cases can be secured into a single, integrated unit, preferably having a cylindrical configuration.

[0038] Thus, it is an object of the present invention to provide a means, device and system for storing, transporting and using contact lens solutions and contact lenses that overcomes or solves the problems and deficiencies in the prior art.

[0039] It is another object of the invention to provide a device, system and apparatus for a compact, stackable, integrated, and re-useable contact lens case, mirror, and contact lens solution bottle.

[0040] It is yet another object of the invention to provide a device, system and apparatus as described above which allows for the integration of all components into a single unit.

[0041] It is yet another object of the invention to provide a device, system and apparatus as described above which allows for the separation of the components of the integrated unit as desired.

[0042] Another object of the invention is to provide a device, system and apparatus for secure, sealable, and easy placement and storage of contact lenses and contact lens solutions.

[0043] Another object of the invention is to provide a device, system and apparatus for convenient storage, transportation, and use of contact lenses, mirrors, and contact lens solutions.

[0044] Another object of the invention is to provide a device, system and apparatus that is compliant with TSA requirements for carryon containers for aircraft.

[0045] A further object of the invention is to provide a device, system and apparatus for convenient storage, transportation, and use of contact lenses, mirrors and contact lens solutions that includes more than one contact lens case.

[0046] Another object of the invention is to provide a device, system and apparatus for convenient storage, transportation, and use of contact lenses, mirrors, and contact lens solutions that includes contact lens cases for a single contact lens.

[0047] Yet another object of the invention is to provide a device, system and apparatus for convenient storage, transportation, and use of contact lenses, mirrors, and contact lens solutions that includes contact lens cases for one or more contact lenses.

[0048] Yet another object of the invention is to provide a device, system and apparatus for convenient storage, transportation, and use of contact lenses and contact lens solutions that includes contact lens cases for more than two contact lenses.

[0049] The above and other objects and advantages of the present invention shall be made apparent from the accompanying drawings and the description thereof.

BRIEF DESCRIPTION OF THE DRAWINGS

[0050] The accompanying drawings, which are incorporated in and constitute a part of this specification, illustrate embodiments of the invention and, together with the general description of the invention given above and the detailed description of an embodiment given below, serve to explain the principles of the present invention.

[0051] FIG. 1 is a perspective view of one embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), two contact lens cases, and one contact lens case cover with mirror (mirror not shown), shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0052] FIG. 2 is an exploded perspective view of the embodiment shown in FIG. 1 showing the component parts of the device separated or disassembled from each other.

[0053] FIG. 3 is a perspective view of the embodiment shown in FIG. 1 showing the contact lens cases and cover separated or disassembled from the bottle cap.

[0054] FIG. 4 is a perspective view of the bottle, bottle cap, and nozzle lid for the embodiment shown in FIG. 1 shown in multiple configurations and positions, including the bottle cap and nozzle lid separated or disassembled from the bottle and each other.

[0055] FIG. 5 is a perspective view of the embodiment shown in FIG. 1 with the contact lens cases separated or disassembled from the bottle cap and the contact lens cases separated or disassembled from each other with the cover on one of the contact lens cases.

[0056] FIG. 6 is a perspective view of the embodiment shown in FIG. 5 with the cover separated or disassembled from the contact lens case.

[0057] FIG. 7 is a perspective view of another embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), four contact lens cases, and one cover (mirror not shown) shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0058] FIG. 8 is a perspective view of the embodiment shown in FIG. 7 showing some of the component parts of the device separated or disassembled from each other.

[0059] FIG. 9 is a perspective view of one embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), two contact lens cases, and two contact lens case covers, shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0060] FIG. 10 is an exploded perspective view of the embodiment shown in FIG. 9 showing the component parts of the device separated or disassembled from each other.

[0061] FIG. 11 is a perspective view of the embodiment shown in FIG. 9 showing the contact lens cases and cover separated or disassembled from the bottle cap.

[0062] FIGS. 12a-e are perspective views of the bottle, bottle cap, nozzle lid, and contact lens cover for the embodiment shown in FIG. 9 shown in multiple configurations and positions, including the bottle cap and nozzle lid separated or disassembled from the bottle and the contact lens cover in various positions.

[0063] FIG. 13 is a perspective view of the embodiment shown in FIG. 9 with the contact lens cases separated or disassembled from the bottle cap and the contact lens cases separated or disassembled from each other and with the contact lens covers on the contact lens cases.

[0064] FIG. 14 is a perspective view of the embodiment shown in FIG. 13 with the contact lens covers separated or disassembled from the contact lens cases.

[0065] FIG. 15 is a perspective view of another embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), four contact lens cases, and two contact lens case covers shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0066] FIG. 16 is a perspective view of the embodiment shown in FIG. 15 showing some of the component parts of the device separated or disassembled from each other.

[0067] FIG. 17 is a perspective view of the embodiment shown in FIG. 15 showing the component parts configured differently and in a stacked configuration.

[0068] FIG. 18 is a perspective view of the embodiment shown in FIG. 15 showing the component parts configured differently and partially separated or disassembled from each other and showing a mirror.

[0069] FIG. 19 is a perspective view of one embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), two contact lens cases, two contact lens case caps, and a mirror shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0070] FIG. 20 is an exploded perspective view of the embodiment shown in FIG. 19 showing the component parts of the device separated or disassembled from each other.

[0071] FIG. 21 is a perspective view of the embodiment shown in FIG. 19 showing the contact lens cases separated or disassembled from the bottle cap.

[0072] FIGS. 22a-e are perspective views of the bottle, bottle cap, nozzle lid, and one cover for the embodiment shown in FIG. 19 shown in multiple configurations and positions, including the bottle cap and nozzle lid separated or disassembled from the bottle and the contact lens cover in various positions.

[0073] FIG. 23 is a perspective view of the embodiment shown in FIG. 19 with the contact lens cases separated or disassembled from the bottle cap and the contact lens cases separated or disassembled from each other and with the covers on the contact lens cases.

[0074] FIG. 24 is a perspective view of the embodiment shown in FIG. 23 with the covers separated or disassembled from the contact lens cases.

[0075] FIG. 25 is a perspective view of another embodiment of a device according to the present invention comprising one bottle, one bottle cap with nozzle lid (not shown), four contact lens cases, and three covers shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0076] FIG. 26 is a perspective view of the embodiment shown in FIG. 25 showing some of the component parts of the device separated or disassembled from each other.

[0077] FIG. 27 is a perspective view of the embodiment shown in FIG. 25 showing the component parts configured differently and in a stacked configuration.

[0078] FIG. 28 is a perspective view of the embodiment shown in FIG. 25 showing the component parts configured differently and partially separated or disassembled from each other.

[0079] FIG. 29 is a perspective view of one embodiment of a device according to the present invention comprising two bottles, two bottle caps with nozzle lids, two contact lens cases, and two covers, shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0080] FIG. 30 is a perspective view of the embodiment shown in FIG. 29 showing the component parts of the device partially separated or disassembled from each other.

[0081] FIG. 31 is a perspective view of one embodiment of a device according to the present invention comprising two bottles, one bottle cap with nozzle lid, one contact lens case, and one cover, shown in the stacked or fully assembled position utilizing threaded connections (not shown).

[0082] FIG. 32 is a perspective view of the embodiment shown in FIG. 31 showing the component parts of the device partially separated or disassembled from each other.

[0083] FIG. 33 is a perspective view of the several covers with the mirror in different locations thereon.

[0084] FIG. 34 is a perspective view of one embodiment of a device according to the present invention comprising two bottles, two bottle caps with nozzle lids (not shown), two contact lens cases, and two covers, shown in the stacked or fully assembled position utilizing threaded connections (not shown).

DETAILED DESCRIPTION OF THE INVENTION

[0085] Referring to the figures, FIGS. 1-6 show one embodiment of a device in accordance with the principles of the present invention in multiple positions and configurations. FIG. 1 shows a perspective view of a device 100 in an

integrated (stacked or assembled) configuration or position comprising one bottle 110, one bottle cap 120 (nozzle lid not shown), two contact lens cases 130, and one cover 140 (mirror within the cover not shown). As shown in FIGS. 2-6, the top end 115 of bottle 110 includes an opening or aperture 117 and a male connector 118 with threads or other fastening means such as, for example, a snap fit connector, for secure but removable attachment of bottle cap 120 to bottle 110. The bottom 112 of bottle 110 is substantially flat for stability when bottle 110 is placed on a flat surface such as, for example, a table or counter. Preferably, bottle 110 is cylindrical or tubular to hold a fluid inside. Materials of construction for bottle 110 include those known in the art for squeeze bottles for fluids, including without limitation, plastics, and polymers (e.g., polyethylene). Preferably, the diameter of bottle 110 is about the same as the diameter of one contact lens case to minimize the size of the device although slight differences in the diameters of the components of the device may be preferred for ease of handling and use. Most preferably, the outside diameter of the bottle 110 is between about 0.75 to 2 inches, most preferably about 1 to 1.25 inches.

[0086] After solution is placed into the bottle 110, bottle cap 120 is removably secured on bottle 110 using the threads on male connector 118 on bottle 110 and the threads on female connector 119 on bottle cap 120. It is understood that the invention is not limited to threaded fastening means and may include other removable fastening means, such as, for example, snap connectors and press fittings.

[0087] The top or upper portion of bottle cap 120 further includes nozzle 122 and male connector 118 with threads. Nozzle lid 125 is removably secured onto nozzle 122 using a snap type connector, it being understood that other types of fittings are possible including screwed/threaded connectors. Example materials of construction for nozzle lid 125 include but are not limited to plastic and rubber.

[0088] Contact lens cases 130 each include male connector 118 with threads on the upper portion and female connector 119 with threads on the lower portion thereof. Each contact lens case 130 includes a recess 135, preferably cupped or bowl-shaped, but not limited to a cupped or bowl shape, for holding solution and/or contact lenses or other ophthalmic devices. Preferably, the diameter of a contact lens case 130 is about the same as the diameter of bottle 110 to minimize the size of the device. Most preferably, the outside diameter of each contact lens case 130 is between about 0.75 to 2 inches, most preferably about 1 to 1.25 inches.

[0089] The embodiment shown in FIGS. 1-6 includes mirror 170 fixedly or securely attached to the underside of a cover 140. Cover 140, includes female connector 119 with threads on the bottom or lower portion thereof. Mirror 170 is positioned within the recess on the underside of cover 140 forming the female connector 119. It is noted that the mirror 170 in the present invention is not limited to this one location and may be located within additional or other covers 145 (top or bottom) and/or the bottom of bottle 110. On the top of cover 140 is an indicator 145 to assist the user with keeping track of the location of the left and the right contact lenses, such as, for example, "R" for right.

[0090] The sizing of the threads for compatibility on the multiple component parts of the device 100 allows the user to organize and interchange the positions of the various components of the device 100. There need not be any particular order for stacking multiple contact lens cases 130 and any contact lens case 130 can be attached to bottle 110. Alternatively, the

thread sizing and/or other mechanisms or means can be utilized to modify the compatibility of the components to each other to dictate the specific ordering of the component parts of the device. Other methods for ordering the component parts using colors or indicia on the exterior of the component parts are possible and within the scope of the invention.

[0091] FIGS. 3-6 show the components of device 100 in various configurations and positions. As shown in FIG. 3, contact lens cases 130 and cover 140 are separated from bottle 110 and bottle cap 120. If desired, the user of the device 100 can transport the components separately in this configuration while also keeping all of the components sealed. FIG. 4 shows a portion of the device 100 in multiple positions: a closed position (FIG. 4a), with the nozzle lid 125 open which is used when the user wants to dispense the solution (FIG. 4b), with the bottle cap 120 removed from bottle 110 and the nozzle lid 125 closed which is used to fill bottle 110 with solution (FIG. 4c), and exploded with the bottle cap 120 and nozzle lid 125 separated (FIG. 4d). FIG. 5 shows the contact lens cases 130 separated from bottle cap 120 (and bottle 110) and separated from each other with cover 140 secured/fastened to one contact lens case 130. If the user wants to open the second contact lens case 130, the contact lens cover 140 is removed as shown in FIG. 6.

[0092] The invention according to the embodiment shown in FIGS. 1-6 also includes, but need not include, ridges 180 as identified in FIG. 1 on bottle cap 120 or other equivalent means on components of the device for assisting with the gripping of the device for separation of the component parts. The embodiment according to FIGS. 1-6 include vertical ridges 180 in the bottle cap 120, the contact lens cases 130 and the cover 140.

[0093] FIGS. 7 and 8 show another embodiment of the device with four contact lens cases 130 shown in the stacked (FIG. 7) and the partially separated or disassembled (FIG. 8) positions it being understood that any number of contact lens cases 130, including one, can be included in the device.

[0094] Both embodiments shown in FIGS. 1-6 and 7-8 show the bottle 110, contact lens cases 130 and cover 140 all having substantially the same outside diameter it being understood that the invention is not limited to components all having the same diameter. For example, the bottle cap 120 in those embodiments is shown slightly smaller in diameter than the bottle 110 diameter.

[0095] Another embodiment of the device in accordance with the principles of the present invention in multiple positions and configurations is shown in FIGS. 9-14. FIG. 9 shows a perspective view of a device 101 in an integrated (stacked or assembled) configuration or position comprising one bottle 111, one bottle cap 120 (nozzle lid not shown), two contact lens cases 130, and two covers 140 each with a mirror 170 (mirrors not shown) one cover 140 on top of the uppermost positioned contact lens case 140 and a second cover 140 positioned on the bottom of bottle 111. As shown in FIGS. 10-14, the top 115 of bottle 111 includes an aperture 117 and a male connector 118 with threads or other fastening means such as, for example, a snap fit connector, for secure but removable attachment of bottle cap 120 to bottle 111. The bottom side of bottle 111 is substantially flat for stability when bottle 111 is placed on a flat surface such as, for example, a counter. The bottom of the bottle 111 similarly includes a male connector 118 with threads for secure but removable attachment of a cover 140 to the bottom of bottle 111. The top 192 of the cover 140 is substantially flat for

stability when bottle 111 is placed on a flat surface such as, for example, a counter. Preferably, bottle 111 has a cylindrical or tubular configuration to hold a fluid inside. In this embodiment the diameter of bottle 111 is slightly larger than the diameter of each of the contact lens cases 130 to assist the user with the handling of the bottle it being understood that slight differences in the diameters of the components of the device are possible. Most preferably, the outside of diameter of the bottle 111 is between about 0.75 to 2 inches, most preferably about 1.375 inches.

[0096] After solution is placed into the bottle 111, bottle cap 120 is removably secured on bottle 111 using the threads on male connector 118 on bottle 111 and the threads on female connector 119 on bottle cap 120. It is understood that the invention is not limited to threaded fastening means and may include other removable fastening means.

[0097] Bottle cap 120 further includes nozzle 122 and male connector 118 with threads on the upper portion thereof. Nozzle lid 125 is removably secured onto nozzle 122 using a snap type connector, it being understood that other types of fittings are possible including screwed and threaded connectors. Example materials of construction for nozzle lid 125 include plastic and rubber.

[0098] Contact lens cases 130 each include male connector 118 with threads on the upper portion and female connector 119 with threads on the lower portion thereof. Each contact lens case 130 includes a recess 135, preferably cupped or bowl-shaped, but not limited to a cupped or bowl shape, for holding solution and/or contact lenses or other ophthalmic devices. The diameter of a contact lens case 130 is slightly smaller than the diameter of bottle 111 to minimize the size of the device. Most preferably, the outside of diameter of each contact lens case 130 is between about 0.75 to 2 inches, most preferably about 1 to 1.25 inches.

[0099] The embodiment shown in FIGS. 9-14 include mirrors 170 securely attached to the underside of covers 140. In this embodiment the mirrors 170 are snapped into the cover 140 within a ridge 185 around the inside of cover 140 it being understood that other fastening means such as, for example, epoxy or glue. Alternatively or in addition, a mirror 170 may be securely fastened to the bottom of bottle 111. Covers 140 include female connector 119 with threads on the lower portion thereof. On the top of cover 140 is indicator 145 to assist the user with keeping track of the location of the left and the right contact lenses, such as, for example, "R" for right.

[0100] The sizing of the threads for compatibility on the multiple component parts of the device 101 allows the user to organize and interchange the positions of the various components of the device 101. There need not be any particular order for stacking multiple contact lens cases 130 and any contact lens case 130 can be attached to bottle 111. Alternatively, the thread sizing and/or other mechanisms or means can be utilized to modify the compatibility of the components to each other to dictate the specific ordering of the component parts of the device. Other methods for ordering the component parts using colors or indicia on the exterior of the component parts are possible and within the scope of the invention.

[0101] FIGS. 11-14 show the components of device 100 in various configurations and positions. As shown in FIG. 11, contact lens cases 130 and cover 140 are separated from bottle 111 and bottle cap 120. If desired, the user of the device 101 can transport the components separately in this configuration while also keeping all of the components sealed. FIGS. 12a-e show a portion of the device 101 in multiple positions: a

closed position (FIG. 12a), with the nozzle lid 125 open which is used when the user wants to dispense the solution (FIG. 12b), with the bottle cap 120 removed from bottle 111 and the nozzle lid 125 closed which is used to fill bottle 111 with solution (FIG. 12c), with the bottle cap 120 and nozzle lid 125 separated (FIG. 12d), and with contact lens cover 140 removed from the bottom of bottle 111 and fastened to the top portion of bottle 111 (FIG. 12e). FIG. 13 shows the contact lens cases 130 separated from bottle cap 120 (and bottle 111) and separated from each other with covers 140 secured/fastened to the contact lens cases 130. If the user wants to open either of the contact lens cases 130, the cover 140 is removed as shown in FIG. 14.

[0102] The invention according to the embodiment shown in FIGS. 9-14 also includes, but need not include, ridges 180 as identified in FIG. 9 or other equivalent means on components of the device for assisting with the gripping of the device for separation of the component parts. The embodiment according to FIGS. 9-14 includes vertical ridges 180 in the bottle cap 120, the contact lens cases 130 and the covers 140. As shown in FIGS. 9-14 the number and location of the ridges 180 can be used to help differentiate the components.

[0103] FIGS. 15 and 16 show another embodiment of the device with four contact lens cases 130 shown in the stacked and the partially separated positions it being understood that any number of contact lens cases 130 can be included in the device. FIGS. 17 and 18 show an alternative configuration for the device components. In the embodiment shown in FIGS. 17 (shown in the stacked position) and 18 (shown in the partially separated position), two contact lens cases 130 are positioned on each end of bottle 111 as opposed to one end of the bottle as in FIGS. 15 and 16.

[0104] Yet another embodiment of the device in accordance with the principles of the present invention in multiple positions and configurations is shown in FIGS. 19-24.

[0105] FIG. 19 shows a perspective view of a device 102 in an integrated (stacked or assembled) configuration or position comprising one bottle 113, one bottle cap 120 (nozzle lid not shown), two contact lens cases 130, and two covers 141 and 142, one on top of the upper most positioned contact lens case 141 and a second on the bottom of bottle 113. As shown in FIGS. 20-24, the top 115 of bottle 113 includes an aperture 117 and a male connector 118 with threads or other fastening means such as, for example, a snap fit connector, for secure but removable attachment of bottle cap 120 to bottle 113. The bottom side of bottle 113 includes a female connector 119 with threads for secure but removable attachment of cover 142 (or cover 141 or contact lens cases 130) to the bottom of bottle 113. The bottom of cover 142 has a substantially flat circumference for stability to support the device 102 when bottle 113 is placed on a flat surface such as, for example, a counter with cover 142 attached to the bottom of the bottle 113. Preferably, bottle 113 is cylindrical or tubular to hold a fluid inside. Preferably, the diameter of bottle 113 is about the same as the diameter of one contact lens case to minimize the size of the device although slight differences in the diameters of the components of the device may be preferred for ease of handling and use. Most preferably, the outside diameter of the bottle 113 is between about 0.75 to 2 inches, most preferably about 1 to 1.25 inches.

[0106] After solution is placed into the bottle 113, bottle cap 120 is removably secured on bottle 113 using the threads on male connector 118 on bottle 113 and the threads on female connector 119 on bottle cap 120.

[0107] Bottle cap 120 further includes nozzle 122 and male connector 118 with threads on the upper portion thereof. Nozzle lid 125 is removably secured onto nozzle 122 using a snap type connector.

[0108] Contact lens cases 130 each include male connector 118 with threads on the upper portion and female connector 119 with threads on the lower portion thereof. Each contact lens case 130 includes a recess 135, preferably cupped or bowl-shaped, but not limited to a cupped or bowl shape, for holding solution and/or contact lenses or other ophthalmic devices. Preferably, the diameter of a contact lens case 130 is about the same as the diameter of bottle 113 to minimize the size of the device. Most preferably, the outside diameter of each contact lens case 130 is between about 0.75 to 2 inches, most preferably about 1 to 1.25 inches.

[0109] The embodiment shown in FIGS. 19-24 include a mirror 170 securely attached to the top of cover 142. In this embodiment the mirror 170 is snapped into a recess in the cover 142 using a ridge 185 around the inside of cover 142 it being understood that other fastening means such as, for example, epoxy or glue are included.

[0110] Covers 141 and 142 include female connectors 119 with threads on the lower portion thereof and male connector 118 with threads on the upper portion. On the top of one or more of covers 141 is indicator 145 to assist the user with keeping track of the location of the left and the right contact lenses, such as, for example, "R" for right. With this cover configuration, additional covers may also be added to the device in the stacked configuration.

[0111] The sizing of the threads for compatibility on the multiple component parts of the device 102 allows the user to organize and interchange the positions of the various components of the device 102. There need not be any particular order for stacking multiple contact lens cases 130 and any contact lens case 130 can be attached to bottle 113. Alternatively, the thread sizing and/or other mechanisms or means can be utilized to modify the compatibility of the components to each other to dictate the specific ordering of the component parts of the device. Other methods for ordering the component parts using colors or indicia on the exterior of the component parts are possible and within the scope of the invention.

[0112] FIGS. 21-24 show the components of device 102 in various configurations and positions. As shown in FIG. 21, contact lens cases 130 and cover 141 are separated from bottle 113 and bottle cap 120. If desired, the user of the device 102 can transport the components separately in this configuration while also keeping all of the components sealed. FIG. 22 shows a portion of the device 102 in multiple positions: a closed position (FIG. 22a), with the nozzle lid 125 open which is used when the user wants to dispense the solution (FIG. 22b), with the bottle cap 120 removed from bottle 113 and the nozzle lid 125 closed which is used to fill bottle 113 with solution (FIG. 22c), with the bottle cap 120 and nozzle lid 125 separated and removed and cover 142 on bottle 113 (FIG. 22d), and with cover 142 removed from the bottom of bottle 113 and fastened to the top portion of bottle 113 (FIG. 22e). FIG. 23 shows the contact lens cases 130 separated from bottle cap 120 (and bottle 113) and separated from each other with covers 141 and 142 secured/fastened to the contact lens cases 130. If the user wants to open either of the contact lens cases 130, the cover 141 or 142 is removed as shown in FIG. 24. Mirror 170 is shown on the top of cover 142.

[0113] FIGS. 25 and 26 show another embodiment of the device with four contact lens cases 130 and three covers (141,

141 and 142) shown in the stacked and the partially separated positions it being understood that any number of contact lens cases 130 can be included in the device. FIGS. 27 and 28 show an alternative configuration for the device components. In the embodiment shown in FIGS. 27 (shown in the stacked position) and 28 (shown in the partially separated position), two contact lens cases 130 are positioned on each end of bottle 113 as opposed to one end of the bottle as in FIGS. 25 and 26. FIGS. 29 and 30 show yet another embodiment in multiple configurations similar to the embodiment in FIGS. 27 and 28 with two covers 141 and 142 instead of three. Any number of contact lens cases 130, covers 141 and 142, and bottles 113 can be included in the device.

[0114] In the embodiment shown in FIGS. 31 and 32, the device 104 includes two bottles 113, one bottle cap 120, and one cover 142 with mirror 170, shown in the stacked and the partially separated positions it being understood that any number of contact lens cases 130, covers 142, bottles 113, and/or bottle caps 120, can be added and/or included in the device 104. For example, without limitation, FIG. 34 shows an embodiment including two bottles 113, two bottle caps 120 (nozzle lids not shown), two contact lens cases 130, and two covers 141 and 142.

[0115] Many locations for mirror 170 on a cover are possible. For example, as shown in FIG. 33, the mirror can be located in the top of a cover or within the cover on the underside of it.

[0116] Preferably, the configuration of the device is as compact as possible for traveling convenience. Accordingly, the most preferred diameter of the overall device is slightly bigger than the diameter of a contact lens. Larger diameters are possible and may be desired for larger solution storage.

[0117] It is understood that the device of the present invention need not be limited to use for contact lenses and related solutions. The device has many other applications, concurrently or separately, including use as a beverage and pill container, such as, for example, for water and medication.

[0118] While the above description and illustrations constitute preferred or alternate embodiments of the present invention, it will be appreciated that numerous variations may be made without departing from the scope of the invention.

1. A compact, reusable device for storing contact lenses and contact lens solution comprising:

at least one bottle configured to hold a fluid having a top end and a bottom end, said top end comprising an aperture and a male threaded connector;

at least one bottle cap having a top end and a bottom end, said top end comprising a nozzle and a male threaded connector, said bottom end comprising a recess and a female threaded connector;

at least one contact lens case comprising a cup shaped recess having a top end and a bottom end configured to hold one contact lens, said top end comprising a recess with a male threaded connector, said bottom end comprising a recess with a female threaded connector;

at least one cover having a top and a bottom, said bottom comprising a recess comprising a female threaded connector;

wherein each of the male threaded connectors are compatible with each of the female threaded connectors; and

wherein the at least one bottle, at least one bottle cap, at least one contact lens case, and at least one cover can be securely and removably connected as a single device.

2. The device of claim 1, wherein said top of said at least one cover further comprising a recess comprising a mirror fixedly secured therein.

3. The device of claim 1, wherein said top of said at least one cover further comprising an indicator for the contact lens.

4. The device of claim 1, wherein said recess on said bottom of said at least one cover further comprising a mirror fixedly secured therein.

5. The device of claim 1, wherein said at least one bottle cap further comprising a nozzle lid removably attached to said nozzle.

6. The device of claim 1, wherein said at least one bottle, at least one bottle cap, at least one contact case and at least one cover are cylindrical.

7. The device of claim 6, wherein the diameter of said at least one bottle is about 1.25-inches.

8. The device of claim 6, wherein the diameter of said at least one bottle and said at least one contact lens case are about equal.

9. The device of claim 8, wherein the diameter of said at least one bottle and said at least one contact lens case and said at least one cover are about equal.

10. The device of claim 1, wherein the storage volume of said at least one bottle is about 100 milliliters.

11. The device of claim 1, wherein at least one of said at least one cover, said at least one contact lens case, and said at least one bottle cap comprises ridges on the outer periphery.

12. A compact, reusable device for storing contact lenses and contact lens solution comprising:

at least one bottle configured to hold a fluid having a top end and a bottom end, said top end comprising an aperture and a fastening means for securely connecting to another component of the device; said bottom end comprising a fastening means for securely connecting to another component of the device;

at least one bottle cap having a top end and a bottom end, said top end comprising a nozzle and a fastening means for securely connecting to another component of the device, said bottom end comprising a recess and a fastening means for securely connecting to another component of the device;

at least one contact lens case comprising a cup shaped recess configured to hold one contact lens, said at least one contact lens case having a top end and a bottom end, said top end comprising a recess with a fastening means for securely connecting to another component of the device, said bottom end comprising a recess with a fastening means for securely connecting to another component of the device;

at least one cover having a top and a bottom, said bottom comprising a recess comprising a fastening means for securely connecting to another component of the device; and

wherein the at least one bottle, at least one bottle cap, at least one contact lens case, and at least one cover can be securely and removably connected as a single device.

13. The device of claim 12, wherein said fastening means for securely connecting to another component of the device is one from the group consisting of threaded connectors snap fit connectors, and friction fit connectors.

14. The device of claim 12, wherein said bottom of said at least one bottle comprising a mirror fixedly attached.

15. The device of claim 12, wherein said top of said at least one cover further comprising a recess comprising a mirror fixedly secured therein.

16. The device of claim 12, wherein said top of said at least one cover further comprising an indicator for the contact lens.

17. The device of claim 12, wherein said recess on said bottom of said at least one cover further comprising a mirror fixedly secured therein.

18. The device of claim 12, wherein said at least one bottle cap further comprising a nozzle lid removably attached to said nozzle.

19. The device of claim 12, wherein said at least one bottle, at least one bottle cap, at least one contact case and at least one cover are cylindrical.

20. The device of claim 19, wherein the diameter of said at least one bottle is about 1.25-inches.

21. The device of claim 19, wherein the diameter of said at least one bottle and said at least one contact lens case are about equal.

22. The device of claim 21, wherein the diameter of said at least one bottle and said at least one contact lens case and said at least one cover are about equal.

23. The device of claim 12, wherein the storage volume of said at least one bottle is about 100 milliliters.

24. The device of claim 12, wherein at least one of said at least one cover, said at least one contact lens case, and said at least one bottle cap comprises ridges on the outer periphery.

25. A device for storing at least one of a contact lens and pills, and at least one solution comprising:

at least one bottle configured to hold a fluid having a top end and a bottom end, said top end comprising an aperture and a male threaded connector; said bottom end comprising a female threaded connector;

at least one bottle cap having a top end and a bottom end, said top end comprising a nozzle and a male threaded connector, said bottom end comprising a recess and a female threaded connector;

at least one contact lens case comprising a cup shaped recess, said at least one contact lens case having a top end and a bottom end, said top end comprising a male threaded connector, said bottom end comprising a recess with a female threaded connector;

at least one cover having a top and a bottom, said bottom comprising a recess comprising a female threaded connector, said top comprising a male threaded connector; and

wherein the at least one bottle, at least one bottle cap, at least one contact lens case, and at least one cover can be securely and removably connected as a single device.

26. The device of claim 25, wherein each of the male threaded connectors are compatible with each of the female threaded connectors.

27. The device of claim 25, wherein said top of said at least one cover further comprising a recess comprising a mirror fixedly secured therein.

28. The device of claim 25, wherein said top of said at least one cover further comprising an indicator for the contact lens.

29. The device of claim 25, wherein said recess on said bottom of said at least one cover further comprising a mirror fixedly secured therein.

30. The device of claim 25, wherein said at least one bottle cap further comprising a nozzle lid removably attached to said nozzle.

31. The device of claim 25, wherein said at least one bottle, at least one bottle cap, at least one contact case, and at least one cover are cylindrical.

32. The device of claim 31, wherein the diameter of said at least one bottle is about 1.25-inches.

33. The device of claim 31, wherein the diameter of said at least one bottle and said at least one contact lens case are about equal.

34. The device of claim 33, wherein the diameter of said at least one bottle and said at least one contact lens case and said at least one cover are about equal.

35. The device of claim 25, wherein the storage volume of said at least one bottle is about 100 milliliters.

36. The device of claim 25, wherein at least one of said at least one cover, said at least one contact lens case, and said at least one bottle cap comprises ridges on the outer periphery.

37. A contact lens case cover with a top and a bottom, said bottom comprising a recess further comprising a fastening means for removably attaching said cover to at least one of a contact lens case and a bottle; said top of said cover comprising a recess with a fixedly attached mirror.

38. A contact lens case cover with a top and a bottom, said bottom comprising a recess further comprising a fastening means for removably attaching said cover to at least one of a contact lens case and a bottle; said recess in said bottom of said cover comprising a fixedly attached mirror.

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