

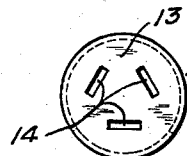
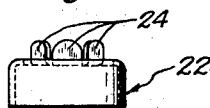
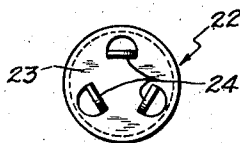
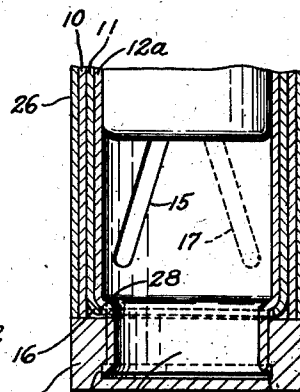
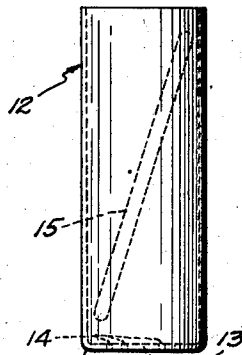
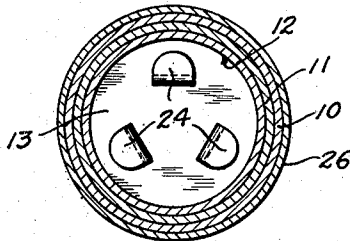
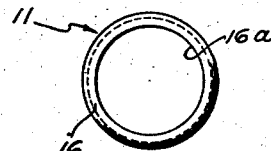
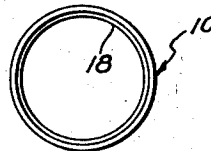
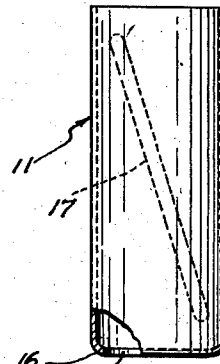
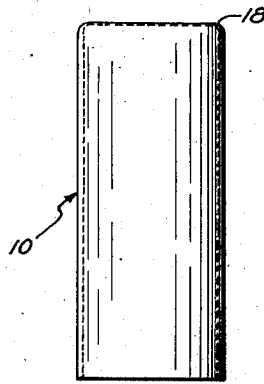
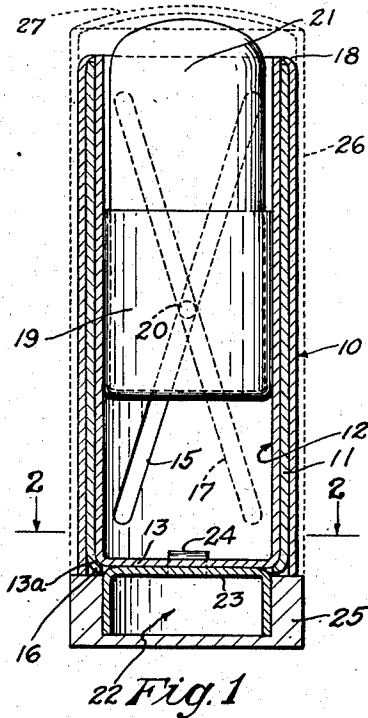
Aug. 16, 1938.

A. L. DAVIS ET AL

2,127,350

LIPSTICK CONTAINER

Filed May 3, 1937



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2,127,350

LIPSTICK CONTAINER

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8 Claims. (Cl. 206—56)

This invention relates to new and useful improvements in containers, and has particular relation to lipstick containers, although it is to be understood that the device of the invention may be used for the holding of cosmetics other than lipsticks and that the latter word is not herein used in a limiting sense.

An object of the invention is to provide an improved construction for retaining the parts in assembled relation.

Another object of the invention is to provide a lipstick container including an operating member for causing the lipstick or other cosmetic to be projected from the container for use and retracted into the container after use and which operating member may be applied in any desired color or design to otherwise substantially completely fabricated and assembled containers.

A further object is to provide a lipstick container including an operating member in the form of a base for the container and which may be applied in the desired color or design to otherwise substantially completely fabricated and assembled containers.

Other objects and advantages will become apparent from a consideration of the following detailed description taken in connection with the accompanying drawing wherein satisfactory embodiments of the invention are shown. However, it is to be understood that the invention is not limited to the details disclosed, but includes all such variations and modifications as fall within the spirit of the invention and the scope of the appended claims.

In the drawing:

Fig. 1 is a longitudinal sectional view, on an enlarged scale, through a container constructed according to the invention, the enclosing cover or casing being shown in dotted lines;

Fig. 2 is a transverse sectional view taken as along the line 2—2 of Fig. 1;

Fig. 3 is a side elevational view of the outer shell of the container;

Fig. 4 is an end view of such shell, the view being taken as looking into the lower end of Fig. 3;

Fig. 5 is a side elevational view of an intermediate shell employed, a portion being broken away to more clearly show the construction;

Fig. 6 is an end view taken as looking toward the lower end of Fig. 5;

Fig. 7 is a side elevational view of the inner shell of the container;

Fig. 8 is a bottom plan view of the shell of Fig. 7;

Fig. 9 is a plan view of a short cap or cup like cylindrical extension member employed;

Fig. 10 is a side elevational view of the member of Fig. 9; and

Fig. 11 is a longitudinal sectional view, on an enlarged scale, through the lower portion of a container and showing a modified construction.

Referring in detail to the drawing the container includes an outer shell 10, an intermediate shell 11 and an inner shell 12. Each of the shells is in the form of a drawn metal cylinder, being preferably of brass or the like. Inner shell 12 includes a bottom wall 13 providing a shoulder 13a, and this wall is provided with slots or openings 14, and in its side wall such shell is provided with an inclined or spiral slot 15 extending for a good portion of the length of the shell.

The intermediate shell 11 has the main or central portion of its bottom wall cut away but at its lower end includes a shoulder or inturned portion 16. In its side wall shell 11 is provided with an inclined or spiral slot 17, and it is noted that slot 17 inclines in the direction opposite to the direction of incline of slot 15 of shell 12. In the complete container the shell 12 is within the shell 11, and while turnable therein about a longitudinal axis is prevented from moving downwardly therethrough due to an overlapping of the bottom wall 13 by the inturned portion 16 of shell 11. The shell 11 may be drawn from a blank cut from sheet metal and with its lower end closed, and then the lower closed end cut or punched out in a suitable die to produce the opening 16a and leave the inturned flange 16.

Outer shell 10 is also drawn and has its upper end portion slightly inturned as at 18, and when slipped over the shell 11 overlies the upper end thereof whereby movement of the outer shell onto the intermediate shell is limited. Shell 10 is the finishing shell and is not slotted or otherwise perforated, and if desired, may be exteriorly finished in the desired manner as by coloring, etc.

Within and shiftable longitudinally of shell 12 is a holder or carrier 19 in the form of a relatively short shell or cylinder. The holder has a pin 20 attached to or formed with it, and such pin projects through the slot 15 of shell 12 and into the slot 17 of shell 11. Therefore on a relative turning of the shells 11 and 12 the holder 19 is caused to move longitudinally in shell 12. If the turning movement is in one direction the holder is moved toward the outer or upper end of the shell to expose the lipstick 21 for use, and on the turning movement being in the opposite direction the lipstick is retracted into the shell.

A short cup-like cylindrical extension 22 is attached to the bottom wall of the inner shell 12 and projects beyond or below the lower end of the shells, providing an extension by means of which the inner shell may be turned in the shell 11. Member 22 includes a bottom wall 23 from which lugs 24 are lanced and pressed outwardly. These lugs are passed through the slots 14 in the end wall 13 of shell 12 and then bent over or clinched whereby the member 22 is rigidly attached to the shell 12.

Thereafter an operating member or hand piece 25 is attached to the extension member 22. The operating member may have a forced fit on the extension or may be soldered or otherwise secured thereto. Such member may be of metal or any suitable material and may be colored or provided with a design to suit the customer. The outer shell 10 may telescope with a tubular slip cover 26 also in the form of a drawn shell and having an outer end wall 27 so that when in position it closes the open end of the container. Member 25 comprises a hand piece for turning extension 22 and thereby the shell 12 in the shell 11 whereby to feed the holder 19 to expose and retract the lipstick as above explained.

As the operating member 25 is attached to the extension it will be understood that the containers may be made complete with the exception of the operating member and kept in stock ready for the attaching of the operating member. Thereafter on receipt of orders for containers operating members of the desired color and configuration or design desired by the customer may be attached to the extension of the containers and the latter are therefore quickly available in the desired style and color combination.

It is noted that the operating member 25 projects radially beyond the edge of opening 16a in the inwardly extending flange 16 of shell 11 and therefore when the member is in place it serves to prevent movement of the inner shell outwardly through the upper end of the intermediate shell, and thus since the inturned portion or shoulder 16 of the latter shell prevents downward movement of the inner shell relative to the intermediate shell, the shells are held against relative longitudinal movement. Preferably the operating member projects radially to the extent shown whereby to provide an abutment for the inner or lower end of the cover 26.

Fig. 11 shows a slight modification wherein the inner shell 12a instead of being provided with a bottom wall is carried inward a slight distance or reduced in diameter as at 28 to form a shoulder and then continues downward providing a tubular extension 29. In the assembly the shoulder 28 engages or is engaged by the inturned portion 16 of shell 11 to prevent movement of shell 12 downward through shell 11 as will be clear from the description of the first figures of the drawing.

On the extension 29 is an operating member 25a similar to the operating member 25 already described. Member 25a may have a forced fit on the extension 29 or may be soldered thereto, and preferably has an undercut 30 into which the lower end 31 of the extension is forced as the parts are forced together. In this way member 25a is securely attached to extension 29. It is applied after the shells 11 and 12a are assembled. Member 25a provides a hand piece or grip on the extension by means of which the shell 12 may be turned in the shell 11 to cause movement of the holder 19 longitudinally with respect to the shell

12. Except for this change in the lower end construction this holder is the same as that of Fig. 1.

Having thus set forth the nature of our invention, what we claim is:

1. In a lipstick container, an inner cylindrical shell open at its upper end, a holder in said shell, a cylindrical shell about said inner shell and within which the latter is turnable, said shells having engaging shoulder portions whereby they are held against relative longitudinal movement in one direction comprising an inturned shoulder on the inner shell adjacent its lower end and an inturned flange at the lower end of the second shell engaging said shoulder, an extension on the inner shell and projecting beyond one end of the other shell, an operating member on said extension and preventing relative longitudinal movement of the shells in the other direction, said member being operable through said extension to turn the inner shell in the other shell, and means whereby such turning movement results in movement of said holder longitudinally of the inner shell.

2. In a lipstick container, an inner cylindrical shell including a bottom wall having slots therein, a holder in said shell, a cylindrical shell about said inner shell and at its lower end having an inturned portion slightly overlying the bottom wall of the inner shell whereby the shells are held against relative longitudinal movement in one direction, a short extension member including an end wall, lugs on said end wall and passing through the slots in said bottom wall and clinched over on the inner side thereof whereby the member is secured to the inner shell and projects beyond the lower end of the other shell, an operating member on said extension member and projecting radially beyond the inner shell and preventing relative longitudinal movement of the shells in the other direction and operable through the extension to turn the inner shell in the other shell, and means whereby said turning movement results in movement of said holder longitudinally of the inner shell.

3. In a lipstick container, an inner cylindrical shell having an outer annular shoulder adjacent one end, a holder in said shell, a cylindrical shell about said inner shell and within which the latter is turnable, said second shell having an inwardly extending flange overlapping for a short distance the said shoulder, an extension on the inner shell and projecting beyond said end of the other shell, an operating member secured on and enclosing said extension, said member being operable through said extension to turn the inner shell in the other shell, and means whereby such turning movement results in movement of said holder longitudinally with respect to the inner shell.

4. In a lipstick container, an inner cylindrical shell, a holder in said shell, a cylindrical shell about said inner shell and at its lower end having an inturned portion slightly overlying the lower end of the inner shell whereby the shells are held against relative longitudinal movement in one direction, an extension member, interlocking lug and slot means rigidly connecting said member and inner shell with the member projecting through the lower end of the other shell, an operating member secured on and enclosing said extension beyond the other shell and projecting radially beyond the inner shell and preventing relative longitudinal movement of the shells in the other direction and operable to turn the inner shell in the other shell, and means

whereby such turning results in movement of said holder longitudinally of the inner shell.

5 5. In a lipstick container, an inner cylindrical shell, a holder in said shell, a cylindrical shell about said inner shell and at its lower end having an intumed portion slightly overlying the lower end of the inner shell whereby the shells are held against relative longitudinal movement in one direction, an operating member attached to 10 the inner shell through the lower end of the other shell and projecting radially beyond the inner shell so as to cooperate with the second shell to prevent relative longitudinal movement of the shells in the other direction and operable to turn the inner shell in the other shell, and means 15 whereby such turning results in movement of said holder longitudinally with respect to the inner shell.

20 6. In a lipstick container, an inner cylindrical shell, a holder in said shell, an outer cylindrical shell about said inner shell, an intermediate cylindrical shell between said inner and outer shells, said intermediate shell at its lower end including an intumed portion slightly overlying the lower end of the inner shell whereby said shells are held against relative longitudinal movement in one direction, said outer shell having a portion slightly overlying the outer end of the intermediate shell and cooperating therewith to limit movement of the outer shell longitudinally over the intermediate shell, an operating member attached to the inner shell through the lower end of the intermediate shell and operable to turn the inner shell in the intermediate shell, means whereby 30 such turning results in movement of said holder longitudinally of the inner shell, a tubular slip cover over the outer shell and normally closing the outer end of the inner shell, and said operating member projecting radially beyond the inner ends of said shells and preventing relative longi- 40

tudinal movement of the inner and intermediate shells in the direction opposite the first mentioned direction and serving as an abutment for the inner end of said slip cover.

7. In a lipstick container, an inner cylindrical 5 shell, a holder in said shell, a cylindrical shell about said inner shell and within which the latter is turnable, said second shell having an opening in its lower end of less diameter than the shell forming an intumed shoulder, an integral 10 tubular extension on said inner shell of less diameter than the shell providing a shoulder and said extension projecting through the opening in the lower end of the other shell so that the shoulders engage to hold the shells against relative 15 longitudinal movement in one direction, an operating member on said extension and preventing relative longitudinal movement of the shells in the other direction, said member being operable through said extension to turn the inner shell in 20 the other shell, and means whereby such turning results in movement of said holder longitudinally of the inner shell.

8. In a lipstick container, an inner cylindrical 25 shell, a holder in said shell, a cylindrical shell about said inner shell and within which the latter is turnable, said second shell having an inwardly extending flange at its inner end, said inner shell having a reduced extension at its inner end providing a shoulder engaging said flange 30 to hold the shells against longitudinal movement in one direction, said extension projecting beyond the end of the outer shell, an operating member on said extension and operating through said extension to turn the inner shell, and cooperating 35 means on the holder and said shells whereby such turning movement will shift the holder longitudinally.

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