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LIPSTICK HOLDER AND LIPSTICK

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8 Claims. (Cl. 132—79.3)

1. This invention relates to toilet accessories and particularly to cosmetic dispensers of a type in which lipstick or the like is contained within a receptacle and dispensed therefrom as required.

Various types of cosmetic dispensers and applicators are now in use, one form consisting of a barrel for holding lipstick or the like and provided with a longitudinal slot through which projects the finger piece of a feeding element slidably arranged within the barrel and engaging the lower end of the lipstick to force the latter upwardly. Another type of holder comprises a lipstick receptacle provided with a helical slot for receiving the lug of a propelling element which is carried by a receptacle within the container and has an opening through which the lug extends to engage in the helical slot, relative rotation between the receptacle and container causing the propelling element to move longitudinally to feed the lipstick outwardly.

It has been determined that more efficient use of the lipstick can be obtained if its end is beveled. However, the use of such lipsticks presents a serious problem inasmuch as the top thin edge of the lipstick wears down faster than the remaining portion and there is a tendency for the lipstick to build up at the lower side of the inclined end to not only defeat the purpose of the slanted end but cause malformation of the lipstick and spreading of the built-up surplus over the side of the container to soil the fingers of the user. Moreover, since previous devices have no means for supporting the sides of the upper projecting end of the lipstick, the latter is apt to bend and break during use. Furthermore, such lipstick holders are non-refillable and must be discarded when the supply of lipstick has been depleted.

The present invention was conceived as a means for obviating the above outlined faults of prior cosmetic dispensers and it is one object to provide a holder of the type indicated having a lipstick receptacle provided with a removable lower end to adapt a fresh supply or refill to be inserted therein.

Another object is to provide a lipstick holder having a member attached to the lipstick and slideable within the receptacle, and an operating ring engaging the member and having a threaded engagement with the receptacle whereby to cause the lipstick to be fed in either direction upon relative rotation between the ring and receptacle. This is important as it permits retraction of the lipstick into the receptacle when not in use.

Another object is to provide a lipstick holder in which the upper end of the lipstick barrel is beveled to conform to the inclination of the end of the lipstick whereby to properly support the sides of the latter to prevent damage thereto.

Another object is to provide a lipstick holder in which the barrel is formed with a bore of substantially ovate shape for containing lipstick of similar cross section thereby providing that the uppermost portion of the lipstick, or that part adjacent its relatively thin edge, will have a greater area than the lower portion of its sloping surface whereby to compensate for the normal faster wearing away of the lipstick at the tip and cause the lipstick to wear away more evenly and avoid the tendency toward building up on the lower side of the beveled end.

Another object is to provide a cosmetic dispenser which, because of the peculiar formation of the upper end of its barrel eliminates waste of the lipstick and thereby requires less adjusting than previously used devices of similar types.

Another object is to provide a cosmetic dispenser composed of a minimum number of parts adapted for economical manufacture on a production basis and easily assembled without the exercise of special skill or use of tools, and one which is durable and highly efficient in performing its intended function.

Another object is to provide an applicator stick of ovate cross section and having a beveled end with the vertex of the bevel arranged adjacent that portion of the ovate contour of greatest area whereby to compensate for the normal faster wearing away of the stick at the tip.

Further objects of the invention are set forth in the following specification which describes two preferred forms of construction of the device, by way of example, as illustrated by the accompanying drawing. In the drawing, which is for illustrative purposes only:

Fig. 1 is a longitudinal sectional view through a preferred form of cosmetic dispenser constructed in accordance with the present invention;

Fig. 2 is a side elevation thereof, shown part-sectional on line 2—2 of Fig. 1;

Fig. 3 is a top plan view of the same;

Fig. 4 is a cross-sectional view, taken on line 4—4 of Fig. 1;

Fig. 5 is a side elevational view of a modified form of cosmetic dispenser, shown part-sectional to illustrate its internal elements;

Fig. 6 is a top plan view of the device shown in Fig. 5; and
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Fig. 7 is a cross-sectional view taken on line 7—1 of Fig. 5. The present improved cosmetic dispenser preferably comprises, in general, an externally threaded lipstick receptacle or barrel 10 formed on its periphery through the greater portion of its length with screw threads 11. The barrel 10 has a longitudinal slot or opening 12 extending from its lower end to a point adjacent its upper end. An axial bore 13 extending through the barrel 10 is substantially oval in cross-section, as indicated in Figs. 3 and 4. That is to say, the bore 13 has a substantially semi-circular portion 14, a diametrically-opposite portion 15 of greatly reduced radius, and curved connecting portions 16 of relatively large radius. The upper end of the barrel 10 is bevelled and provided with the lips and prevent the building up of a surplus at the lower portion of its length and with a peripheral flange 21 around which the ring is turned to thread it onto the barrel. With the operating elements thus assembled, the lower end of the barrel 10 is sealed by the cap 20 which is placed thereover to cause its fingers 25 to frictionally hold it in place. When it is desired to refill the device the cap 20 may be forced off from the end of the barrel and the ring 33 unscrewed from the barrel to release the slide element 30 which may be replaced by a new element and fresh lipstick and the parts reassembled in the manner above explained. It will be noted, however, that the same slide element may be reused, provided that the remaining lipstick is removed therefrom and the fresh lipstick forced into its interior. As is common in lipstick holders, a cylindrical cover may be employed for enclosing the barrel, the present drawing indicating such a removable cover by dot-and-dash lines and the reference character 28 in Fig. 1. As shown, the cover 28 may have screw threads to adapt it to be screwed onto the external threads of the cap 20.

To use the lipstick the ring 33 is turned sufficiently to raise the lipstick slightly, say one-sixteenth of an inch above the upper end of the barrel, after which it may be applied to the lips in the usual manner. As previously explained, a more even distribution of the cosmetic is obtained by beveling the end of the stick. In the present improved holder, the upper end of the barrel is cut at an angle to provide a combined support and guard for the projecting end of the lipstick. In addition, the slanted end of the barrel being at a relatively short distance from the end of the lipstick controls and maintains the latter at the proper angle. As an important feature of improvement, the lipstick barrel is provided with an ovally-shaped bore which, combined with the inclination its upper end, maintains a greater area of cosmetic adjacent the tip or vertex of the lipstick to insure even application thereof to the lips and prevent the building up of a surplus at the lower portion of the chamfer. If the entire amount of lipstick which projects beyond the end of the barrel is not used during one application this end may be withdrawn into the barrel by merely turning the ring 33 to cause the slide element 30 to move downwardly. Following an application of lipstick the cover 28 may be placed over the open end of the barrel 10 and screwed onto the cap 20 as indicated in Fig. 1.

Figs. 6 and 7 illustrate a lipstick holder embodying a slightly modified type of construction. In this device the lipstick receptacle or barrel 35 is provided with diametrically opposite longitudinal slots 36 extending throughout the greater portion of its length and with a peripheral flange 37 adjacent its inclined upper end 38. A cap or closure member 39, similar to the cap 20 shown in Figs. 1 to 4 is employed for closing the lower end of the barrel 35. A slide element 41 is slidably mounted within the barrel 35 and has a recessed upper end 42 for receiving the lower end of the lipstick 40. The slide element 41 also has opposite radial lugs 43 which project outwardly through the slots 36 of the barrel 35 and into helical cam grooves 44 formed on the interior of an outer barrel or operating sleeve 45. The cam groove 45 on the face is of a form which, after which the ring is turned to thread it onto the barrel. With the operating elements thus assembled, the lower end of the
present invention provides a simple yet ingenious lipstick holder incorporating novel features of improvement not present in similar cosmetic dispensers of previous types. For example, through the improved construction the lipstick can be quickly and conveniently projected and retracted as required. Moreover, by beveling the upper end of the receptacle or barrel which has an ovately-shaped bore, the end of the lipstick will be maintained at the desired angle and its upper edge or tip, which usually wears down at a greater rate, will have a larger area than the lower portion of its sloping surface thereby insuring a more even distribution of the cosmetic to the lips. Because the sides of the lipstick are suitably supported by the barrel throughout its entire length, the tendency of the lipstick to break or bend during use is entirely eliminated. As an added feature of improvement the lower end of the receptacle is closed by a cap which is merely snapped on, thus eliminating costly and complicated fastening means. The parts of the device may be made from any suitable material such as plastics to afford a pleasing appearance and are easily and quickly assembled without the use of tools or the exercise of special skill.

Futhermore, the present invention provides a novel form of lipstick and the like for use in the improved holder herein described or in other types of holders and dispensers. The improved applicator stick which is of ovate cross section has at least one beveled end with the vertex of the bevel arranged adjacent that portion of the ovate contour of greatest area to compensate for the normal wear of the lipstick at the tip. While the improved cosmetic dispenser and lipstick have been herein shown and described as embodied in preferred forms of construction by way of example, I do not intend to be limited to the specific disclosure contained herein since various changes, modifications, and substitutions may be incorporated in the exemplary embodiments disclosed without departing from the spirit of the invention, and I hereby reserve the right to all such changes, modifications, and substitutions as properly come within the scope of my appended claims.

I claim as my invention:

1. A cosmetic dispenser, including: a lipstick receptacle having an ovately-shaped bore throughout its length for receiving a lipstick of similar cross section and having an obliquely beveled end, the vertex of the bevel being arranged adjacent that portion of the ovate bore of greatest area; and means for feeding said lipstick outwardly beyond said beveled end of the receptacle to adapt it to assume the slope of said beveled end when applied to use.

2. A cosmetic dispenser, including: a receptacle having an ovately-shaped bore for containing a lipstick or the like of similar cross section, and having an obliquely beveled end, the vertex of the bevel being arranged adjacent that portion of said ovate bore of greatest area; and means movable on the receptacle and connected to said element for sliding the latter and the lipstick longitudinally.

3. A cosmetic dispenser, including: a receptacle having a bore of ovate outline for containing a lipstick or the like of similar cross section and having an obliquely beveled end, the vertex of the bevel being arranged adjacent that portion of the ovate bore of greatest area; an element slid-
ings therein; a peripheral flange on said receptacle adjacent its beveled end; a removable cap for closing the other end of said receptacle; an element slideable within said bore and adapted to be joined to the lipstick, said element being provided with lugs projecting through said opening; an operating member rotatable on said receptacle and positioned between said flange and said cap; and helical grooves in said operating member engageable with said lugs and operative upon relative rotation between said member and said receptacle to feed said element longitudinally outward to project the lipstick beyond the beveled end of said receptacle and to draw it thereinto, depending upon the direction of such relative rotation.

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