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2,872,033

LIPSTICK HOLDER

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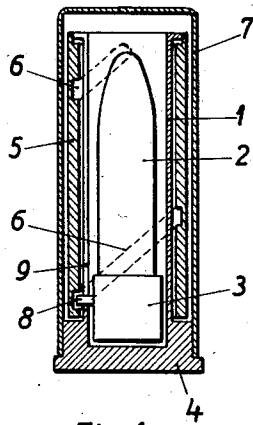


Fig. 1

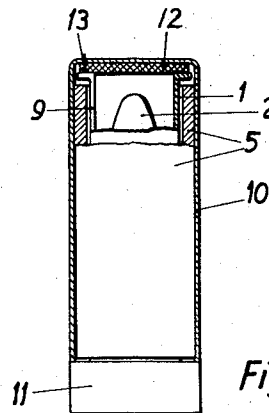


Fig. 2

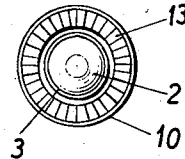


Fig. 3

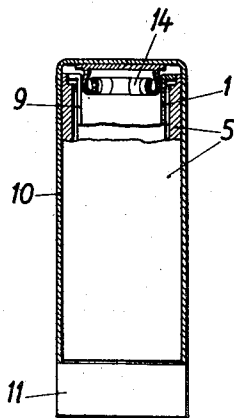


Fig. 4



Fig. 5

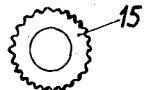


Fig. 6

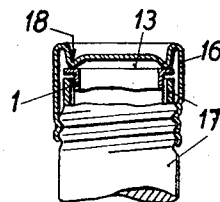


Fig. 7

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LIPSTICK HOLDER

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2 Claims. (Cl. 206—56)

The present invention relates to holders for lipsticks in which rotation of two members relatively to each other will longitudinally displace the lipstick.

A lipstick of this design comprises an inner sleeve in which the cup accommodating the lipstick is arranged so as to be longitudinally displaceable and of which the base is designed as a rotating knob. Rotatably arranged on this inner sleeve is an outer sleeve and connected with the cup by means of a driving mechanism, such as a guiding pin projecting from the cup which engages a spiral groove in the inner wall of the outer sleeve and is guided by a longitudinal slot in the inner sleeve. By rotating the outer sleeve relatively to the inner sleeve the cup is longitudinally displaced forwards or backwards according to the direction of rotation.

Lipstick holders of this known design are equipped with a cap closure for the open end of the inner sleeve. It would be natural and desirable for the purpose of saving material simply to slide this cap closure over the outer sleeve. But this involves the disadvantage that when the cap closure together with the outer sleeve is accidentally and inadvertently rotated relatively to the base of the inner sleeve of the lipstick housing, the lipstick is forced against the inside of the cap closure and may be damaged. So far this disadvantage could only be obviated by extending the cap closure to the base of the inner sleeve and slipping it over the said base so that the interior diameter of the cap closure must be larger than that of a cap slipped on the outer sleeve. This increase in the diameter of the cap closure is, however, undesirable for aesthetic reasons since it gives the housing a heavy appearance and requires an increase of its diameter if an additional ornamental housing is employed.

The present invention has for its object the elimination of these drawbacks in lipstick holders and is characterized by the fact that the cap closure closely fits on the outer sleeve and is provided with a braking member which engages the inner sleeve when the cap is applied and thereby prevents relative movement of the outer and inner sleeves.

A number of embodiments of the invention are illustrated in the drawings in which

Fig. 1 is an axial section of a lipstick holder of conventional design;

Fig. 2 is an elevation, shown in section in the upper portion, of a first embodiment of the lipstick holder according to this invention;

Fig. 3 is a plan view of the lipstick holder according to Fig. 2 with its cap closure removed;

Fig. 4 is an elevation, shown partly in section, of a second embodiment of the lipstick holder according to this invention;

Figs. 5 and 6 are an elevation and a view from below of an embodiment of a braking member for the cap closure, and

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Fig. 7 is a part elevation of a third embodiment of the lipstick holder according to this invention.

Fig. 1 shows a lipstick holder of conventional design comprising the inner sleeve 1, the cup 3 designed to hold the lipstick 2, the rotating base 4 of the inner sleeve 1, the outer sleeve 5 and the cap closure 7. The inner wall of the outer sleeve 5 is provided with a spiral groove 6 engaged by a pin 8 arranged on cup 3 and guided in a longitudinal slot 9 in inner sleeve 1. When the easily movable outer sleeve 5 is rotated relatively to the inner sleeve 1, the cup 3 and the lipstick 2 are longitudinally displaced therein in a forward or backward direction depending on the direction of rotation. The cap closure 7 has an interior diameter exceeding the diameter of the outer sleeve 5 and is slipped over a shoulder of the base 4 of the inner sleeve 1 so that the outer sleeve 5 is protected against accidental rotation.

Against this, the embodiment of the lipstick holder according to Figs. 2 and 3 is provided with a cap closure 10 slipped over the outer sleeve 5 which it firmly engages. The diameter of the said cap closure 10 and of the base 11 serving as actuating knob may now be smaller than that of the corresponding parts 7 and 4 respectively of the lipstick holder according to Fig. 1, which constitutes an advantage. Accidental rotation of the cap closure 10 together with the outer sleeve 5 relatively to the base 11 of the inner sleeve 1 is prevented by an elastic disc 12 arranged on the inside of the top of the cap closure 10. This disc 12 may be formed of felt or soft rubber and serves as a braking member. When the cap closure 10 is slipped over the sleeve, this braking disc 12 engages the flange-type upper edge 13 of the inner sleeve, which may be provided with radial notches to increase the braking action.

Fig. 4 shows another embodiment. Arranged on the inside of the top of the cap closure 10 is an annular insert having the shape of an inverted-cup-shaped member which is resilient in the radial direction and consists of individual strips. This insert forms the braking member and is forced into the inner sleeve 1 when the cap 10 is slipped over the said sleeve. Such a resilient braking member 14, which may be formed of spring metal or elastic plastic, will provide a sufficient braking action depending on the resiliency, and at the same time a lock of the cap closure 10 against accidental removal. If desired, the inner wall of the inner sleeve 1 may at its upper end be provided with a flat annular groove. If the resilient braking member 14 is capable of sufficient axial expansion, the cap closure 10 need not fit tightly to the outer sleeve 5 since the cap closure 10 will largely be held by the inner sleeve 1.

The resilient insert 14 formed of individual strips may also be replaced by a crown-type braking member 15 of similar shape according to Figs. 5 and 6, formed of rubber or some other suitable elastic material. To increase the braking action it is advantageous to provide longitudinal grooves in the outer wall of the said member 15 as shown in Fig. 6.

As shown in Fig. 7 a short slip-on cap 16 may be employed, which is provided with an internal thread for engagement with corresponding threads at the upper end of the outer sleeve 17. The front wall of the cap closure 16 is here crimped to form an annular pressure edge 18 which bears on the flange-type upper edge 13 of the inner sleeve 1 when the cap 16 is fitted, thereby preventing rotation of the outer sleeve 17 relatively to the inner sleeve 1. The flange area 13 can, as indicated in Fig. 3, also be provided with suitable corrugations or with an elastic brake lining.

The braking members described in conjunction with Figs. 2 to 7 constitute a number of embodiments and

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another accessible portion of the cap closure may be provided with a lock for the inner sleeve against rotation relatively to the cap closures and the outer sleeve.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:

1. A lipstick holder, comprising in combination with an inner sleeve having a smooth open end, a longitudinally displaceable lipstick-holding cup within said inner sleeve, an outer sleeve enclosing said inner sleeve and rotatable relatively thereto, and driving means coupling said cup with said outer sleeve for displacing said cup longitudinally when said outer sleeve is rotated; a cap closure closing said open end of the inner sleeve, said cap closure fitting tightly over said outer sleeve, and an elastic braking member carried by an inner surface of said cap closure and projecting into said open end of the inner sleeve with tight frictional engagement to prevent relative rotation of the outer and inner sleeves.

2. A lipstick holder comprising in combination with an inner sleeve having a smooth open end, a longitudinally

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displaceable lipstick-holding cup within said inner sleeve, an outer sleeve enclosing said inner sleeve and rotatable relatively thereto, and driving means coupling said cup with said outer sleeve for displacing said cup longitudinally when said outer sleeve is rotated; a cap closure closing said open end of the inner sleeve, said cap closure fitting tightly over said outer sleeve, and an inverted-cup-shaped braking member carried by an inner surface of said cap closure and projecting into said open end of the inner sleeve with tight frictional engagement to prevent relative rotation of the outer and inner sleeves, wherein said inverted-cup-shaped braking member consists of a plurality of separate radially resilient strips.

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