Oct. 22, 1929. G. F. ANDERSON 1,732,875

LIPSTICK

Filed July 26, 1927

Fig. 1.

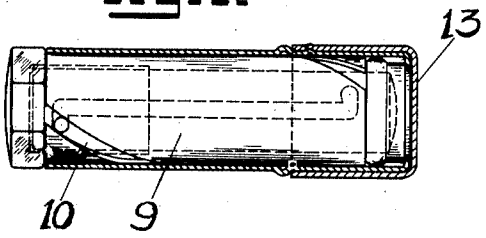


Fig. 2.

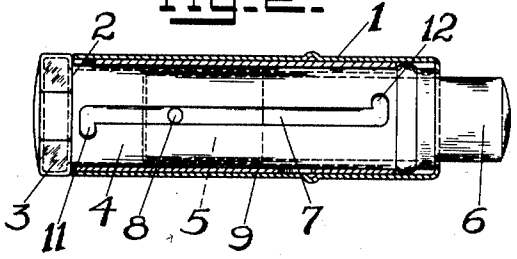


Fig. 3.

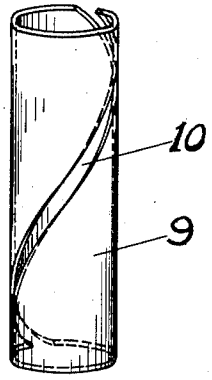
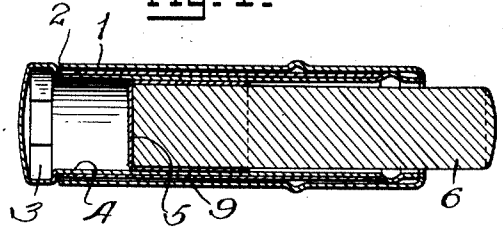


Fig. 4.



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UNITED STATES PATENT OFFICE

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LIP STICK

Application filed July 26, 1927. Serial No. 206,535.

This invention relates to cretain improvements in lipstick holders for containing lipstick and similar soft or pasty cosmetics.

These lipsticks as now generally produced include an outer casing having a closed end and an open end closed by a cap. Mounted to move in this casing is a lipstick holder, provision being made whereby this holder can be protruded from and withdrawn into the casing under conditions of use. In packaging these containers it is desirable that the lipstick holders be held so that the cosmetic will not be accidentally protruded against the cap, with liability of injury. It is further desirable that the holder be held against backward movement when in use so that the pressure exerted against the stick by the action of use will not force the stick holder back into the casing.

It is the especial object of the present invention to provide a simple construction by which accidental movement of the lipstick holder in its casing, either while being shipped or under conditions of use, is effectually prevented.

With this and other objects not specifically referred to in view, the invention consists in certain novel parts, arrangements and combinations which will be described in connection with the accompanying drawings and the novel features pointed out in the claims hereunto annexed.

In these drawings,—

Figure 1 is a sectional side view of the improved lipstick holder, the stick carrier being shown as withdrawn in the casing;

Figure 2 is a view similar to Figure 1 showing the stick protruded, and

Figure 3 is a view of the sleeve for operating the stick carrier, and Figure 4 is a detailed sectional view showing the relative position of the parts of the casing.

Referring now to these drawings, there is provided a casing 1 having an end 2 which is closed by a head 3 on a sleeve 4 which is rotatably mounted within the casing. Mounted to slide within the sleeve 4 is a stick carrier in the form of a cup 5 in which is held a lipstick 6. The sleeve is formed with a horizontal slot 7 in which engages a pin or similar projection 8 secured on the stick carrier, this slot 7 extending substantially the length of the sleeve. Cooperating with and outside the rotatable sleeve 4 is a stationary member shown in the form of a spring sleeve 9 having a helical groove or slot 10, this slot being formed so as to extend the length of the sleeve, so that the sleeve may be inserted and assembled either end first. The pin 8, riding in the slot 10, advances and retracts the stick carrier.

In accordance with the invention, there is provided means whereby the stick carrier is prevented from accidental longitudinal movement in the casing except by the rotation of the sleeve. While the specific construction for effecting this may be somewhat varied, as shown, the ends of the slot 7 are formed with oppositely extending recesses 11, 12, these recesses being formed at the ends of the slot. It will be observed that on the rotation of the rotatable sleeve 4 the pin 8, following the groove 10 in the sleeve 9, will be forced into these notches or recesses 11 or 12. Thus, when the pin is in the recess 11, as shown in Figure 1, the parts are locked against movement so that the end of the lipstick does not contact with the closing cap, indicated at 13, slidably mounted on the casing 1, and thus there is no possibility of the lipstick becoming injured in transit. When now the pin engages the notch 12 during use, the lipstick holder is prevented from being forced back into the casing by the pressure due to its use.

While the invention has been shown and described in its preferred form, it will be understood that certain changes and variations may be made in the specific construction shown and described without departing from the invention as defined in the appended claims.

What I claim is:

1. In a holder for cosmetics and the like, the combination of an outer casing, a rotatable tube in the casing having a longitudinal slot extending to points adjacent the ends of the tube, locking recesses at each end of the slot, a cosmetic holder mounted in the tube having a projection riding in the slot, a sleeve in the casing having a helical slot with which the projection engages and by which it is

given a longitudinal travel in the slot and is directed into the recesses at opposite ends of its travel.

2. In a holder for cosmetics and the like, the combination of an outer casing, a rotatable tube in the casing having a longitudinal slot extending to points adjacent the ends of the tube, recesses at the ends of the slot extending in opposite directions and at an angle to the slot, a cosmetic cup mounted in the tube, a pin carried by the cup and riding in the slot, a sleeve in the casing having a helical slot extending from end to end of the sleeve, in which the pin engages, and by which it is given a travel in the longitudinal slot and is directed into the recesses at opposite ends of its travel.

3. In a holder for cosmetics and the like, the combination of an outer casing, a tube in the casing having a longitudinal slot extending to points adjacent the ends of the tube, recesses at each end of the slot disposed at an angle thereto, a sleeve adjacent the tube having a helical slot, said tube and sleeve being capable of relative rotation and a cosmetic holder mounted in the tube having a projection riding in the slots of the tube and sleeve by which the holder is given a longitudinal travel in the casing and is directed into the recesses at opposite ends of its travel.

In testimony whereof, I have hereunto set my hand.

GEORGE F. ANDERSON.