

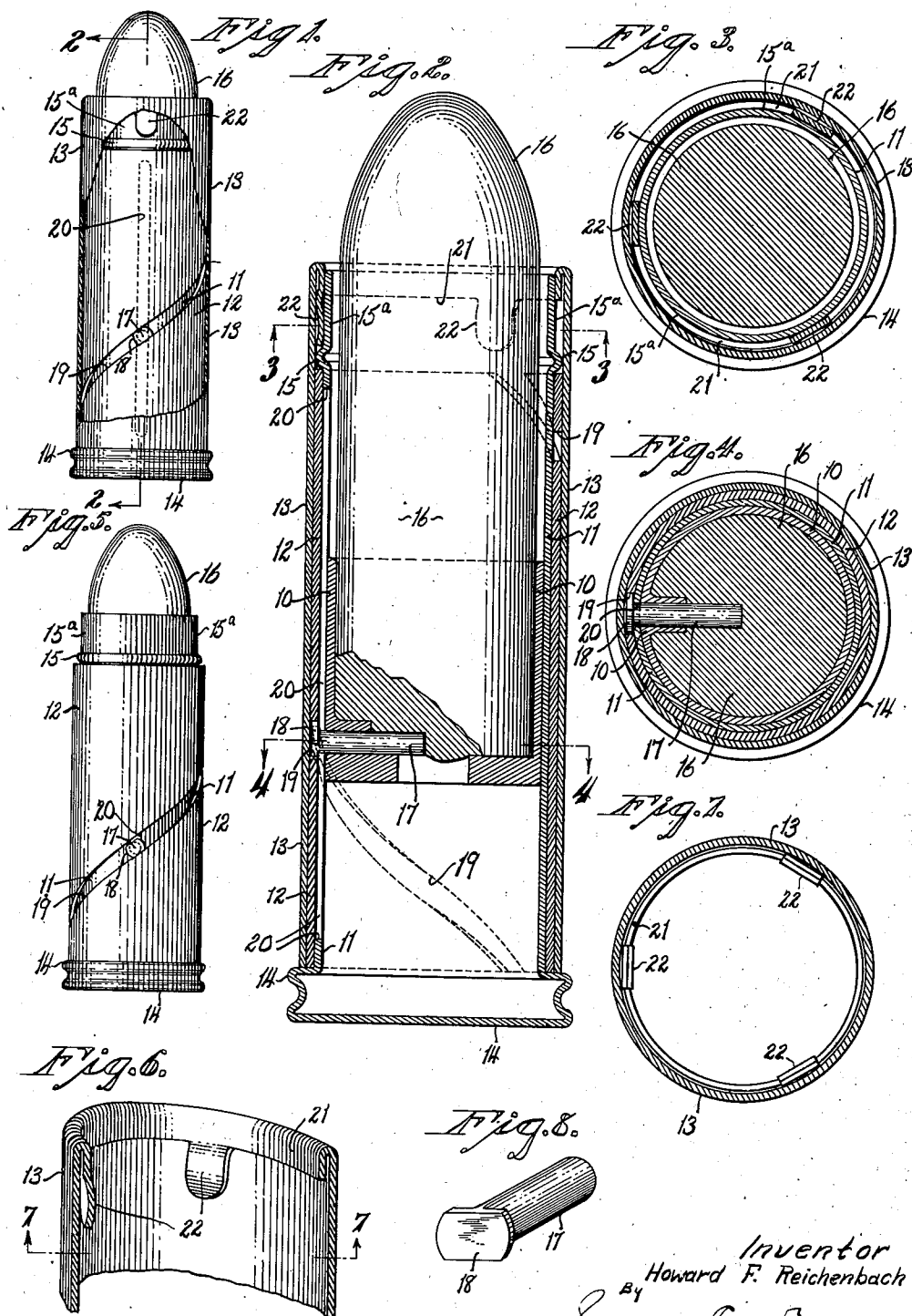
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HOLDER FOR LIPSTICKS AND THE LIKE

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HOLDER FOR LIPSTICKS AND THE LIKE

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The present invention relates to improvements in holders for lipsticks and other materials, and relates more particularly to holders of the general character referred to which are adjustable for purposes of advancing and retracting the contents of the holder as may be required by the user.

One of the objects of the present invention is to provide a superior adjustable holder for lipsticks and the like, which combines reliability of operation, low cost for manufacture and simplicity of construction.

Another object of the present invention is to provide a superior holder of the character referred to in which superior means are provided whereby an advanceable-and-retractable carrier may be yieldingly held in a desired position of advancement or retraction to thus guard against the unintentional shifting of such carrier and its contents.

With the above and other objects in view, as will appear to those skilled in the art from the present disclosure, this invention includes all features in the said disclosure which are novel over the prior art.

In the accompanying drawing, in which certain modes of carrying out the present invention are shown for illustrative purposes:

Fig. 1 is a view in side elevation of an adjustable holder for lipsticks and the like constructed in accordance with the present invention, with part of the shell-member shown in central-longitudinal section;

Fig. 2 is a view thereof in central-longitudinal section taken on the line 2—2 of Fig. 1;

Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 2;

Fig. 4 is a similar view taken on the line 4—4 of Fig. 2;

Fig. 5 is a view of the holder-structure in side elevation with the shell-member omitted;

Fig. 6 is a broken view of the upper end of the shell-member shown in central-longitudinal section and in perspective;

Fig. 7 is a transverse sectional view of the shell-member taken on the line 7—7 of Fig. 6; and

Fig. 8 is a perspective view of the actuating-pin.

The adjustable holder for lipsticks or the like which has been herein chosen for purposes of illustrating one embodiment of the present invention, comprises a cup-shaped carrier 10, a substantially-cup-shaped body-member 11, a helically-split actuating-sleeve 12 and a tubular

shell-member 13. The said carrier 10 may be conveniently produced of molded thermosetting material such as Bakelite, while the remaining parts described may be conveniently formed of sheet metal, such as brass.

The body-member 11 is formed at its lower end with an integral laterally-extending flange-like annular operating-head 14, while adjacent its opposite open end the said body-member is formed with an annular outwardly-extending stop-bead 15. The portion of the body-member lying above the said stop-bead may be said to constitute a neck-portion 15a.

The cup-shaped carrier 10 before referred to is mounted with freedom for reciprocation axially within the interior of the body-member 11, and is adapted to carry a mass of lipstick-material 16 or such other material as may be desired. Radially mounted in the lower portion of the carrier 10 is an actuating-pin 17 having a head 18 flattened on each of its respective opposite sides and adapted to ride in a helical actuating-slot 19 in the actuating-sleeve 12. The said actuating-pin also extends through a vertical guide-slot 20 formed in the body-member 11 and extending therein from a point slightly above the operating-head 14 to a point slightly below the stop-bead 15, as is indicated in Figs. 1 and 2.

The actuating-sleeve 12 before referred to is of a length substantially corresponding to the length between the upper surface of the operating-head 14 of the body-member 11 and the lower or inner surface of the stop-bead 15 thereof. In the particular instance shown, the actuating-sleeve 12 is rolled up from a strip of sheet metal, such as spring brass, in such manner as to leave the helical actuating-slot 19 between its convolutions or reaches; and by its own inherent expansibility the said actuating-sleeve frictionally grips the interior surface of the shell-member 13, so that for all normal operating purposes, the said actuating-sleeve 12 and the said shell-member 13 are unitary. The fit is such, however, that the body-member 11 may turn freely within the said actuating-sleeve 12, though held against axial displacement with respect thereto by the juxtapositioning of the stop-bead 15 and the upper edge of the said actuating-sleeve on one hand, and, on the other hand, the juxtapositioning of the lower end of the said actuating-sleeve with respect to the upper surface of the operating-head 14.

The upper edge-portion of the shell-member 13 is folded inwardly to provide a finishing-skirt

21 extending in substantial parallelism with the cylindrical wall of the shell-member and is provided at its lower edge with three (more or less) downwardly-extending resilient retaining-fingers 22. The said retaining-fingers 22 (spring brass or the like) are preferably inwardly bowed intermediate their respective opposite ends so as to frictionally engage the outer surface of the neck-portion 15a of the body-member 11 which is located above the stop-bead 15.

To operate the adjustable holder above described, the user may hold the structure by gripping the periphery of the shell-member 13 in one hand and then by the other hand, rotating the body-member 11 by means of its operating-head 14, to thereby bodily turn the actuating-pin 17 and the carrier 10. The turning action just referred to is effected by one or the other of the walls of the guide-slot 20 in the body-member 11, the respective opposite ends of which guide-slot serve to limit the actuating-pin 17 and the carrier 10 in their movements in a direction axially with respect to the said body-member. Owing to the frictional inter-engagement between the outer surface of the actuating-sleeve 12 and the inner surface of the shell-member 13, the said shell-member and the said actuating-sleeve perform as a unit and do not ordinarily shift with respect to each other. Where, however, it is desired to disassemble the structure, sufficient force may be exerted downwardly on the operating-head 14 to overcome the friction and effect the withdrawal of the said actuating-sleeve 12.

By turning the operating-head 14 in a clockwise direction with respect to the shell-member 13, the actuating-pin 17 and hence also the carrier 10, will be caused to ride in a helical path outwardly with respect to the structure so as to expose the lipstick-material 16 at the open end of the device.

A reverse or counterclockwise turning movement of the operating-head 14 relative to the shell-member 13 will cause the retirement of the carrier 10 inwardly toward the operating-head 14. When sufficiently retracted to bring the lipstick-material 16 within the open upper end of the structure, any suitable cap may be applied if desired to the open end of the structure.

In the turning movement of the operating-head 14 as above described, the integral body-member 11 will be similarly turned to thereby cause the longitudinal guide-slot 20 thereof to force the actuating-pin 17 to travel in the helical path referred to. The turning movement of the body-member 11 will, however, be against the frictional restraint imposed thereon by the engagement of the resilient retaining-fingers 22 with the outer periphery of its neck-portion 15a. Thus, when the lipstick-material 16 has been projected outwardly to the desired extent, the frictional engagement just referred to will prevent the pressure on the lipstick-material from effecting the unintentional turning of the body-member 11 within the shell-member 13 and will thereby stabilize the lipstick-material while the same is in use.

By forming the retaining-fingers 22 or their equivalent upon the finishing-skirt 21 or other suitable portion intumed from the material of the shell-member 13, not only are the operational advantages obtained as above referred to, but the finish of the upper edge of the said shell-

member is vastly improved in appearance and in its freedom from sharp edges.

Preferably, the retaining-fingers are formed on the finishing-skirt 21 before the same is turned inwardly with respect to the upper edge of the shell-member 13 of which it forms a part. By this procedure the formation of the retaining-fingers 22 or their equivalent is made convenient while the material is in an available position to be worked upon.

The invention may be carried out in other specific ways than those herein set forth without departing from the spirit and essential characteristics of the invention, and the present embodiments are, therefore, to be considered in all respects as illustrative and not restrictive, and all changes coming within the meaning and equivalency range of the appended claims are intended to be embraced therein.

I claim:

1. An adjustable holder for lipsticks and the like, comprising: a hollow body-member provided with a guide-slot extending through its side-wall; a sleeve-like actuating-member around the exterior of the said body-member and provided with an actuating-slot extending therethrough and inclined relative to the guide-slot in the said body-member, the said actuating-member ending short of the upper end of the said body-member; a carrier axially movable within the said body-member and having actuating-means engageable with the guide-slot in the said body-member and the actuating-slot in the said actuating-member; and a shell-member around the outer periphery of and coupled to the said actuating-member and extending above the upper end thereof, the upper end of the said shell-member being turned inwardly to provide a rounded upper edge therefor and provided with retaining-means frictionally engaging with the periphery of the upper portion of the said body-member to yieldingly restrain the turning movement of the latter with respect to the said shell-member and the said actuating-member.

2. An adjustable holder for lipsticks and the like, comprising: a hollow body-member provided with a guide-slot extending through its side-wall; a sleeve-like actuating-member around the exterior of the said body-member and provided with an actuating-slot extending therethrough and inclined relative to the guide-slot in the said body-member, the said actuating-member ending short of the upper end of the said body-member; a carrier axially movable within the said body-member and having actuating-means engageable with the guide-slot in the said body-member and the actuating-slot in the said actuating-member; and a shell-member around the outer periphery of and coupled to the said actuating-member and extending above the upper end thereof, the upper end of the said shell-member being turned inwardly to provide a rounded upper edge therefor and provided with downwardly-extending finger-like resilient retaining-means frictionally engaging with the periphery of the upper portion of the said body-member to yieldingly restrain the turning movement of the latter with respect to the said shell-member and the said actuating-member.

3. An adjustable holder for lipsticks and the like, comprising: a hollow body-member provided with a guide-slot extending through its side-wall; a sleeve-like actuating-member

around the exterior of the said body-member and provided with an actuating-slot extending therethrough and inclined relative to the guide-slot in the said body-member, the said actuating-member ending short of the upper end of the said body-member; a carrier axially movable within the said body-member and having actuating-means engageable with the guide-slot in the said body-member and the actuating-slot in the said actuating-member; and a shell-member around the outer periphery of and coupled to the said actuating-member and extending above the upper end thereof, the upper end of the said shell-member being turned inwardly to provide a rounded upper edge therefor and provided with a plurality of laterally-spaced-apart resilient retaining-fingers frictionally engaging with the periphery of the upper portion of the said body-member to yieldingly restrain the turning movement of the latter with respect to the said shell-member and the said actuating-member.

4. An adjustable holder for lipsticks and the like, comprising: a hollow body-member provided with a guide-slot extending through its side-wall and formed adjacent its outer end with a substantially-annular outwardly-extending stop-bead and having a neck-portion extending

outwardly in an axial direction beyond the said stop-bead; a sleeve-like actuating-member extending around the exterior of the said body-member from a point inwardly with respect to the stop-bead thereof, the said actuating-member being provided with an actuating-slot extending therethrough and inclined relative to the guide-slot in the said body-member; a carrier axially movable within the said body-member and having actuating-means engageable with the guide-slot in the said body-member and the said actuating-slot in the said actuating-member; and a shell-member extending around the outer periphery of and coupled to the said actuating-member and having its upper portion surrounding the neck-portion of the said body-member, the upper end of the said shell-member being turned inwardly to provide a rounded upper edge therefor and provided with retaining-means frictionally engaging with the outer periphery of the neck-portion of the said body-member at a point outwardly with respect to the stop-bead thereof, to yieldingly restrain the turning movement of the said body-member with respect to the said shell-member and the said actuating-member.

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