

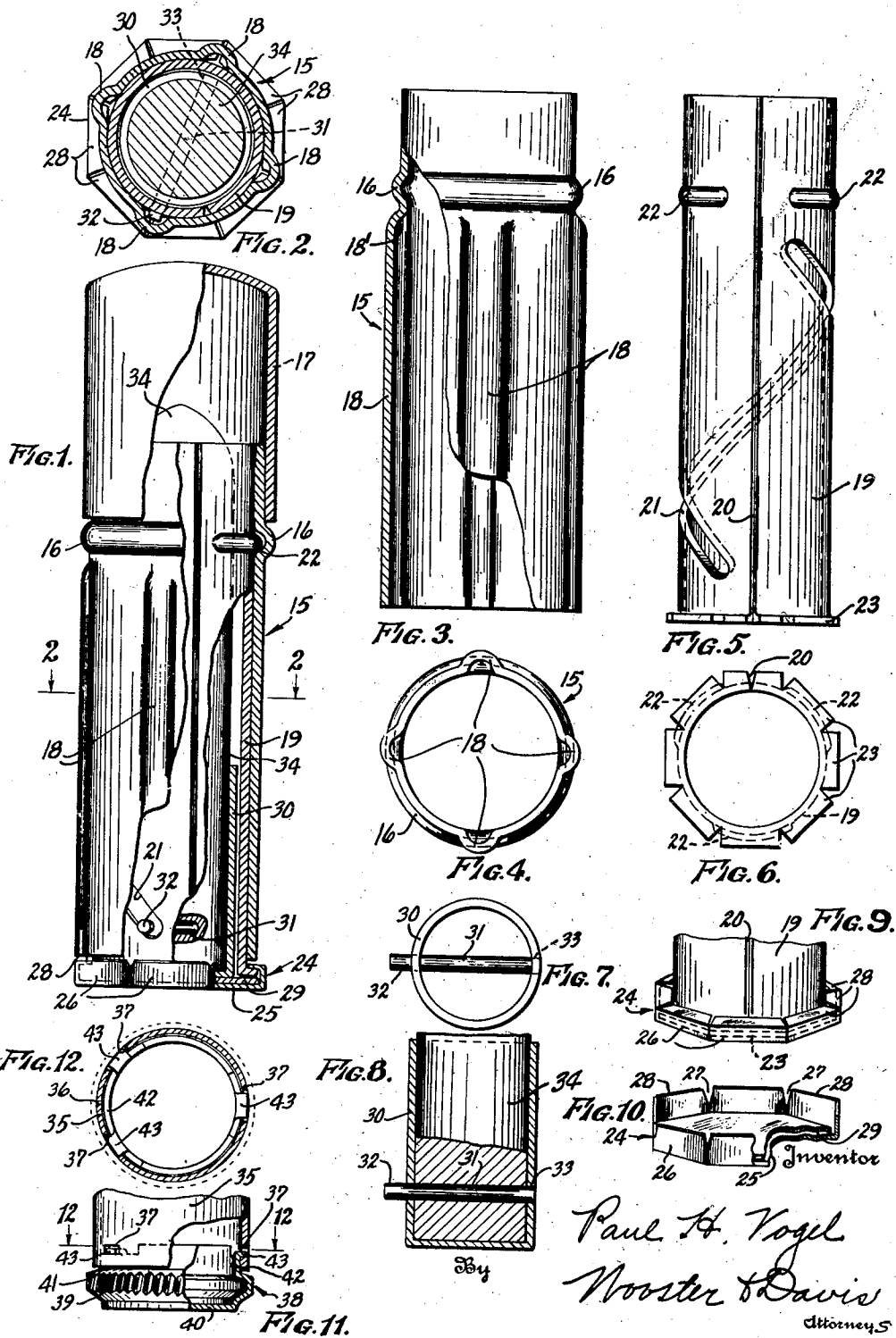
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LIPSTICK HOLDER

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LIPSTICK HOLDER

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This invention relates to new and useful improvements in lipstick holders or containers of the kind including a housing or casing and a carrier adapted to be operated to project the lipstick from the housing or casing and into a position for use and to withdraw the lipstick into the housing or casing after use.

An object of the invention is to provide a lipstick holder or container including a housing or casing having a longitudinally extending flute or bead providing a groove in the inner wall of the casing, a rotatable sleeve in the casing having an operating head at one end of the casing and having a spiral slot in its wall, and a carrier for the lipstick within the sleeve and having a projection extending through the slot and into the groove whereby rotatable movement of the sleeve moves the carrier longitudinally of the sleeve to project or withdraw the lipstick.

Another object is to provide a lipstick holder or container including a casing or housing, a sleeve rotatable in the casing or housing to project or retract a lipstick, and an improved means of attaching an operating head to the sleeve.

A further object is to provide a lipstick holder or container formed of sheet metal and consisting of a minimum number of parts each of which may be made by simple manufacturing operations whereby the improved holder or container may be manufactured and sold at a relatively low price.

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

In the drawing:

Fig. 1 is a view partly in side elevation and partly in section and showing the im-

proved lipstick holder on an enlarged scale;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a view partially in side elevation and partly in section of the outer casing or housing of the holder;

Fig. 4 is a bottom plan view of the casing of Fig. 3;

Fig. 5 is a side elevational view of the rotatable sleeve adapted to be received in the casing;

Fig. 6 is a bottom plan view of the sleeve shown in Fig. 5;

Fig. 7 is a top plan view of the carrier for the lipstick;

Fig. 8 is a vertical sectional view of the carrier;

Fig. 9 is a perspective view of the lower end of the sleeve showing the manner of attaching the operating head to the sleeve;

Fig. 10 is a perspective view of the head alone;

Fig. 11 is a view partially in side elevation and partially in section showing a modified means of attaching the head to the sleeve; and

Fig. 12 is a sectional view on the line 12—12 of Fig. 11.

Referring in detail to the drawing, the improved lipstick holder includes an outer housing or casing 15 having an outwardly pressed annular bead 16 adjacent one of its ends. This bead 16 forms an annular groove in the inner surface of the casing and the purpose of this groove will later appear. A cover or cap 17 is adapted to close one end of the casing and the bead forms a stop or limiting means which defines the extent to which the cap 17 may be telescoped over the casing.

The casing 15 has a plurality of vertically or longitudinally extending and outwardly pressed flutes or beads 18 which at their inner sides are hollow and provide grooves opening through the inner surface of the casing. It will be noted that the outwardly pressed beads 18 form grooves which open through one end of the casing and that these beads and the corresponding grooves stop short of the other end of the casing, the

beads being shown as stopping just short of the annular bead 16 to form a stop 18' to limit movement of the lipstick carrier as will be described later. While four beads 18 are shown in the drawing and as arranged at equally spaced points about the casing, it will become clear as the description proceeds that for the purpose of operation any one of the beads is sufficient and that more or less than the number shown may be provided as is desired to suit the individual taste.

Within the casing 15 is arranged a rotatable sleeve 19 preferably split from end to end as at 20 whereby the sleeve may be provided or formed from a flat sheet rolled to shape or into the form of a tube. In its wall the tube 19 is provided with a spiral slot 21 extending for a considerable portion of the length of the tube as is clearly shown in Fig. 5. We are however not limited to a split sleeve as we may use a solid or continuous sleeve if desired. The split sleeve is preferred as the spiral groove can be stamped in it when it is a flat piece and then it can be rolled to the tubular shape. Further, adjacent one end the tube is provided with outwardly pressed annular or arcuate beads or bead 22 received in the groove at the inner side of the bead 16 of the casing 15 when the parts are assembled as shown in Fig. 1.

Since sleeve 19 is split throughout its length it may be squeezed to bring the edge portions of its split 20 into close relation to enable the sleeve to be easily inserted into the housing or casing 15. When released in the housing, the sleeve will open to some extent whereby to bring the bead 22 into the groove at the inner side of the bead 16, and whereby the sleeve will fit fairly snugly in the housing but be free for turning movement therein. Further, since the bead 22 is engaged in the groove at the inner side of the bead 16 the sleeve and casing will be secured against casual relative longitudinal movement and are therefore for practical purposes or for the purpose of this invention secured together.

At its end opposite the end portion having the bead 22, the sleeve 19 is provided with an outwardly extending flange 23 adapted to have a head 24 secured thereto. When the sleeve is within the casing, the head 24 is exposed at one end of the casing and is adapted to be gripped and operated to rotate the sleeve in the casing. As here shown, the head 24 is an octagon having eight flat sides, although it will be understood that the head may be circular or may have any desired number of flat sides.

Head 24 includes a body portion or bottom 25 and upstanding side walls or portions 26 notched at their upper edges as at 27 to provide a plurality of bendable lugs or fingers 28. If desired, a filler or packing

disc 29 may be provided at the inner side of the bottom or body 25 of the operating head 24. In assembling the head on the sleeve 19, the parts are placed together with the flange 23 of the sleeve against the body 25 of the head or against the disc 29, if one is used, and the fingers 28 are then bent over onto the upper surface of the flange as clearly shown in Fig. 9. Obviously, this structure securely fastens the head and flange together and when a flat sided head is used as shown at 24, the outer edges of the flange 23 may be treated to provide flat surfaces and the edges of the disc 29 may be flattened whereby there will be no turning movement between the head and sleeve.

Within the sleeve 19 is a carrier 30 shown in detail in Figs. 7 and 8. This carrier is a more or less cup like member and is adapted to receive one end of a lipstick 34 and is adapted to be operated or propelled to project or retract the lipstick with respect to the casing 15. Carrier 30 includes a projection extending through the spiral slot 21 in the sleeve 19 and into any one of the grooves at the inner sides of the beads or flutes 18 extending longitudinally of the casing. Therefore, on relative turning movement between the sleeve and casing the carrier will be moved outwardly or inwardly of the sleeve depending on the direction of rotation of the sleeve. When the sleeve is rotated to move the carrier outwardly, the cap 17 has, of course, been removed from the casing and the lipstick will be exposed for use. The outward movement is limited by the projection 32 engaging the end 18' of the groove or bead 18. This also prevents the projection running into the annular bend 16. When the sleeve is rotated in the opposite direction the lipstick will be withdrawn into the casing.

The projection included with the carrier and above referred to is here shown as comprising a pin 31 of a length somewhat greater than the diameter of the carrier 30 and having one end portion extending through a wall of the carrier to provide a projecting portion 32. Pin 31 extends across the carrier and has its opposite end portion embedded in the wall of the carrier as at 33. Thus, it will be seen that the pin is rigidly connected with the carrier and is supported in a substantially horizontal position with one of its end portions projecting a sufficient amount to pass through the slot 21 in the sleeve 19 and into one of the grooves at the inner side of any one of the outwardly pressed longitudinally extending beads 18 on the carrier.

In Fig. 1 the carrier is shown as receiving the inner end portion of a lipstick 34 and it will be seen that the pin or bar 31 passes through the lipstick and anchors it in the carrier. The lipstick is inserted in the car-

rier and then the pin 31 is inserted to pass through the lipstick and carrier. In assembling the parts the carrier is first placed in the sleeve with the portion 32 of the pin 5 31 extending through the slot 21 in the sleeve. Then, as the sleeve is pressed into the casing 15 should the pin be disposed at the lower end of the slot the parts are turned into such relation that the lower end 10 of one of the beads 18 is in alignment with the projecting portion 32 of the pin and such portion will enter the groove at the inner side of the bead as the parts are pushed together. The operating head 24 15 may be assembled on the sleeve prior to the insertion of the sleeve in the casing.

Figs. 11 and 12 show a slightly modified arrangement for attaching an operating head to a sleeve. In these figures the sleeve 20 is designated 35 and is split throughout its length as indicated at 36. This sleeve will, of course, be provided with a spiral slot similar to the slot 21 of the sleeve 19 and may be provided with beads similar to the 25 beads 22 of the sleeve 19. Adjacent its lower end sleeve 35 is provided with a plurality of spaced openings or perforations 37 three of which are here shown, one being shown at each side of the split 36 of the 30 sleeve and the other being shown at the opposite side of the sleeve. These openings function in the mounting of an operating head on the sleeve or in the securing of the sleeve and an operating head together.

35 The operating head in Figs. 11 and 12 is designated 38 and may include a body portion 39 closed at one end as at 40 and being knurled about its side walls as at 41 for the purpose of ornamentation and to provide a grip. A neck or attaching portion 40 42 extends upwardly from the head 38 and is adapted to be received in the lower end portion of the sleeve 35. This neck 42 may be notched in its upper edge and has portions bent laterally therefrom at spaced 45 points to provide lugs 43 adapted to enter the openings 37 in the sleeve. The head 38 is applied to the sleeve prior to the time the sleeve is inserted in the casing 15 and 50 may be applied after the sleeve is slightly opened. After the lugs 43 are inserted into the openings 37 in the tube the sleeve may be inserted into the casing 15, and the diameter of the sleeve relative to the internal 55 diameter of the casing is such that the casing will not permit the sleeve to open and the lugs will therefore be retained in the openings 37 of the sleeve. This makes a simple and effective means for quickly attaching the head to the sleeve. 60

From the foregoing description taken in connection with the accompanying drawing it will be seen that the lipstick holder or container of the present invention is quite simple in construction and involves but a rela-

tively few parts all of which are made of sheet metal. Further, it will be apparent that the parts may be easily and quickly assembled and that different means for attaching the head to the rotating sleeve may be 70 used as desired. The casing 15 may have any number of vertical or longitudinally extending flutes or beads 18, depending upon the individual taste, and these beads may be arranged symmetrically about the casing, or otherwise, as desired. Arranged as 75 shown they add materially to the decorative effect on the casing. Also, the holder may be finished by polishing or enameling or plating or otherwise whereby an attractive 80 article of commerce is provided.

Having thus set forth the nature of my invention, what I claim is:

1. In a lipstick holder, in combination, an outer casing having an outwardly pressed bead extending longitudinally thereof to form a groove at the inner side of the casing and extended to and through one end of the casing, a sleeve rotatable in said casing, said sleeve having a spiral slot through 90 its wall and split longitudinally to permit it to expand and contract, a carrier in said sleeve, and a projection on said carrier and extending through said slot and into said groove whereby rotation of the sleeve in the casing will result in movement of the carrier longitudinally of the casing. 95

2. In a lipstick holder, in combination, an outer casing having spaced outwardly pressed beads extending longitudinally 100 thereof to form grooves at the inner sides of the casing, said casing having an outwardly pressed circular bead, a rotatable sleeve within the casing and split from end to end, said sleeve having an outwardly pressed bead disposed in the circular bead of the casing to prevent casual separation of the sleeve 105 and casing, an operating head on one end of the sleeve and disposed beyond the casing, said sleeve having a spiral slot, a carrier within the sleeve, and a projection on the carrier and extending through the slot in the sleeve and into one of the longitudinal grooves in the casing whereby on relative rotation of the sleeve and casing the carrier will be moved longitudinally of the casing. 110 115

3. In a lipstick holder, in combination, an outer casing having an outwardly pressed bead extending longitudinally of the casing 120 to form a groove at the inner side of the casing and extending from one end thereof and stopping short of the other end thereof, said casing having an outwardly pressed circular bead, a rotatable sleeve within the casing and split from end to end, said sleeve having an outwardly pressed bead disposed in the bead of the casing to prevent casual separation of the sleeve and casing, an operating head on one end of the sleeve and 125 130

disposed beyond the casing, said sleeve having a spiral slot, a carrier within the sleeve, a projection on the carrier and extending through the slot in the sleeve and into the groove in the casing whereby on relative turning movement of the sleeve and casing the carrier will be moved longitudinally of the casing.

4. In a lipstick holder, in combination,
 10 an outer casing having a longitudinally extending bead forming a groove opening through the inner surface of the casing, said casing having an outwardly pressed circular bead at one end of the longitudinally extending bead, a sleeve rotatable within the casing and split from end to end, said sleeve having an outwardly pressed bead disposed in the bead of the casing to prevent casual separation of the sleeve and casing, an operating head on one end of the sleeve, said sleeve having a spiral slot, a carrier within the sleeve, and a projection on the carrier and extending through the slot in the sleeve and into the longitudinal groove in the casing, whereby rotation of the sleeve in the casing will result in movement of the carrier longitudinally of the casing.

5. In a lipstick container, in combination, an outer casing, a sleeve rotatable in the casing, said sleeve having a flange at one end, a carrier in the sleeve, means whereby the carrier is moved longitudinally of the sleeve on relative turning movement between the sleeve and casing, and an operating head on the flanged end of the sleeve, said head including a body portion to receive the flanged end of the sleeve and having upwardly extending walls bent over the flange of the sleeve whereby to secure the head to the sleeve.

6. In a lipstick container, in combination, an outer casing, a sleeve rotatable in the casing, said sleeve split from end to end and having openings in its wall adjacent one of its ends, an operating head on the sleeve end having the openings, said head including a portion disposed in the end of the sleeve and having lugs arranged in the openings in the sleeve whereby the sleeve and head will rotate as a unit, and said sleeve adapted to have the edge portions of its split maintained in close relation to maintain the sleeve closed by engagement of the outer surface of the sleeve with the inner surface of the casing whereby to retain the head on the sleeve.

7. In a lipstick holder, in combination, an outer casing having an outwardly pressed bead extending longitudinally thereof to form a groove at the inner side of the casing, a rotatable sleeve within the casing and split from end to end, said sleeve having an outwardly extending shoulder adjacent one end, said casing having a shoulder to engage the shoulder of the sleeve to prevent casual

separation of the sleeve and casing, an operating head on the other end of the sleeve and disposed beyond the casing, said sleeve having a spiral slot, a carrier within the sleeve, said groove in the casing extending to and through the end of the casing opposite to said shoulders, and a projection on the carrier extending through the slot in the sleeve and into the longitudinal groove in the casing whereby on relative rotation of the sleeve and casing the carrier will be moved longitudinally of the casing.

8. In a lipstick holder, in combination, an outer casing having an outwardly pressed bead extending longitudinally thereof to and through one end of the casing to form a groove at the inner side of the casing, a rotatable sleeve within the casing and split from end to end, said sleeve and said casing having cooperating shoulders to prevent casual longitudinal separation of the sleeve and casing, an operating head on one end of the sleeve and disposed beyond the casing, said sleeve having a spiral slot, a carrier within the sleeve, and a projection on the carrier extending through the slot in the sleeve and into the longitudinal groove in the casing whereby on relative rotation of the sleeve and casing the carrier will be moved longitudinally of the casing.

In testimony whereof I affix my signature.

PAUL H. VOGEL.

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