May 28, 1963 S. LEVINE 3,091,329

COSMETIC MASS HOLDER

Filed Aug. 15, 1960

FIG. 1

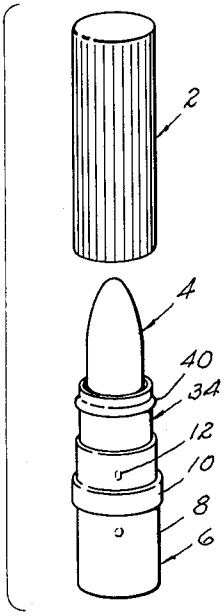


FIG. 2

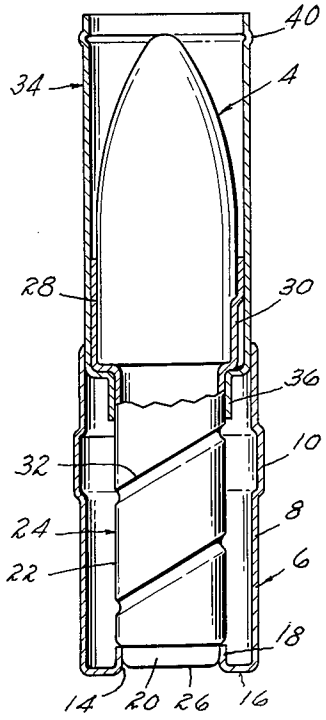
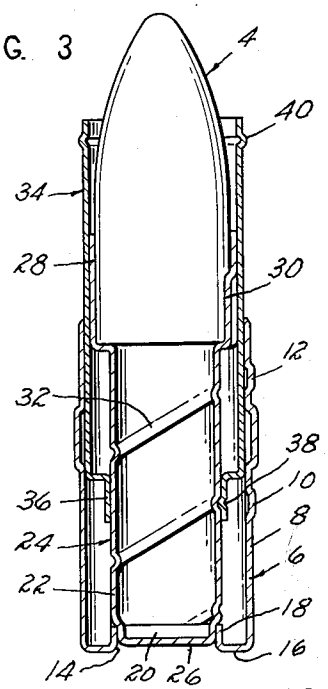


FIG. 3



INVENTOR.
SOL LEVINE

BY

Lindsey, Prutzman & Hayes

ATTORNEYS

United States Patent Office 3,091,329 Patented May 28, 1963

3,091,329

COSMETIC MASS HOLDER

Sol Levine, Bantam, Conn., assignor to Dorset-Rex, Inc., Thomaston, Conn., a corporation of Connecticut

Filed Aug. 15, 1960, Ser. No. 49,728
2 Claims. (Cl. 206—56)

The present invention relates to holders for cosmetics, and more particularly to holders for semi-solid cosmetic masses such as lipstick and the like.

It is the object of the present invention to provide an improved cosmetic holder having novel means for supporting and protecting the cosmetic mass received therein, which holder is readily and economically manufactured and assembled from a minimum of elements and wherein the protecting means is quickly and easily positioned to expose the desired amount of cosmetic mass for use.

It is a specific object to provide a novel type of "swivel" cosmetic holder wherein the cosmetic mass is rigidly supported and a protective sleeve is quickly rotatable inwardly and outwardly as desired to expose and protect the cosmetic mass.

Other objects will be in part obvious and in part pointed out more in detail hereinafter.

The invention accordingly consists in the features of construction, combination of elements and arrangement of parts which will be exemplified in the construction hereafter set forth and the scope of the application which will be indicated in the appended claims.

In the drawings:

FIG. 1 is a perspective view of a cosmetic holder embodying the invention with the cap removed and in condition for use;

FIG. 2 is a sectional view of the holder in FIG. 1 without the cap and with the sleeve fully extended; and

FIG. 3 is a sectional view similar to FIG. 2 with the sleeve partially retracted.

A cosmetic holder constructed in accordance with the present invention is generally shown in FIG. 1 of the drawings in which the tubular cap **2** has been removed and the cosmetic mass **4**, such as lipstick and the like, is exposed for use.

Referring in detail to the construction of the holder, the integrally formed tubular outer casing **6** has an elongated outer wall **8** with a collar **10** providing an abutment for the end of the cap **2** which is frictionally engageable thereon from either end. Several protuberances **12** spaced about the periphery of the upper and lower portions of the outer wall **8** insure close-fitting engagement between the cap **2** and casing **6** and additionally serve as bearing surfaces for sliding movement of the cap on the casing. Integrally formed with the bottom of outer wall **8** is an end wall **16** which has an upstanding peripheral lip **18** about a centrally disposed aperture **14** to provide a mounting seat spaced inwardly from and coaxial with the casing outer wall **8**.

Securely fixed in this mounting seat **14** is the reduced neck portion **20** of the elongated cylindrical supporting column **22** of the tubular mass container **24**, and the closed end wall **26** of the column **22** registers with the end wall **16** of the casing **6** so as to form a closed and substantially continuous end wall surface. The neck portion **20** is most conveniently fixed into the seat **14** by expanding the neck into firm engagement by a suitable die although adhesives and heat bonding are preferable when plastics are employed for one or both members. The opposite end of the mass container **24** is expanded outwardly to provide a cosmetic cup **28** which projects outwardly of the open end of the casing **6** and has its outer periphery spaced inwardly from the inner periphery of the casing **6**. The cosmetic mass **4** is received within the cup **28** and is

retained therein by several indents **30** spaced about the periphery of the cup.

Extending substantially the entire length of the cylindrical supporting column **22** there is provided a spiral track **32**, most conveniently formed by rolling or otherwise impressing a spiral groove in the column. Since the neck portion **20** is securely fixed into the mounting seat provided by the rimmed aperture in the casing, the mass container **24** cannot be pulled out or turned in the casing and the cosmetic mass **4** is rigidly supported in the holder providing stability and enabling greater accuracy and ease of application.

The tubular sleeve **34** is disposed between the casing **6** and mass container **24** for slidable movement therebetween and has a reduced neck portion **36** at its inner end which closely overlies and slidably engages the column **22**. The cup **28** and casing wall **8** are dimensioned so that the body of the sleeve **34** closely overlies their opposed surfaces to prevent any looseness and wobbling therebetween. As best illustrated in FIG. 3, a follower **38** on the neck portion **36** of the sleeve, most conveniently formed by staking a projection into the neck portion itself, is engaged in the spiral thread **32** so that the sleeve **34** is movable outwardly and inwardly of the casing and relative to the rigidly mounted cosmetic mass by rotation of either the casing or the free end of the sleeve relative to the other. The peripheral rib **40** adjacent the outer end of the sleeve **34** engages the inner surface of the upper end of the cap **2** and cooperates with the casing outer wall **8** to provide stability for the cap and prevent wobbling. Outward movement of the sleeve **34** is limited by the length of the thread **32** and by the abutment of the reduced neck portion **36** against the bottom of the expanded cup **28**.

The several elements are preferably of generally cylindrical outer configuration in the illustrated embodiment because of ease of construction and minimum overall width for the holder to accommodate the rotation of the sleeve; however, outer configurations other than cylindrical can be employed for the casing **6** and cap **2** including oval, triangular, diamond, crescent and hexagonal.

The several elements of the holder are readily and economically fabricated in conventional forming equipment. The speed of movement and range of adjustment for the sleeve **34** may be adjusted by varying the pitch of the thread **32**. In assembling the holder, the mass container **24** is first inserted into the sleeve **34** and the follower **38** engaged in the spiral thread **32**, and then this subassembly is inserted into and fixed in the casing **6**. When it is desired to incorporate the cosmetic mass **4**, it is only necessary to insert the mass into the cap **28** and press it in firmly to embed the indents **30** into the semisolid mass.

As will be readily apparent from the drawings and preceding description, the holder of the present invention economically and simply provides a swivel type of cosmetic holder from a minimum of parts with relative ease of fabrication and assembly. The holder provides a rigid support for the cosmetic mass and a sleeve which can be readily retracted to expose sufficient cosmetic mass for use or extended to protect the mass during nonuse. The relative simplicity of the several elements enables the use of plastics as well as metals, and a wide choice of design for the overall configuration.

As will be apparent to persons skilled in the art, various modifications and adaptations of the structure above described will become readily apparent without departure from the spirit and scope of the invention, the scope of which is defined in the appended claims.

I claim:

1. A cosmetic holder comprising an integrally formed tubular casing having an outer wall and an end wall having an aperture therein with an upstanding lip spaced from and extending parallel to the outer wall and defining

a seat, said casing outer wall having a radially expanded collar portion intermediate its length; an integrally formed cosmetic mass container extending coaxially in said casing and having an elongated cylindrical supporting column with a reduced neck portion and a closed end wall at one end fastened in said lip and having an enlarged cosmetic mass receiving cup at the other end, said cup extending outwardly of said casing and having its outer periphery spaced inwardly therefrom, said supporting column having a spiral groove therein; a cylindrical sleeve disposed between the casing outer wall and mass container and extending outwardly of said casing for slidable movement, said sleeve having a reduced neck portion at its inner end slidable on said supporting column and a follower on said neck portion engaged in said spiral groove for movement inwardly and outwardly of the casing by rotation therebetween, said holder maintaining a cosmetic mass in a rigid position relative to the casing and said sleeve swiveling outwardly and inwardly of the casing to protect and expose a cosmetic mass in response to relative rotation of the sleeve and casing; and a tubular cap having a wall at one end thereof and having its other end frictionally engaged on the outer wall of said casing in abutment against said collar, said cap being engageable to extend over the cosmetic mass in one position thereof and upon the other end of said casing for ready manipulation of the holder.

2. A cosmetic holder comprising an integrally formed tubular casing having an outer wall and an apertured end wall with a concentric upstanding lip parallel to and spaced from the outer wall defining a seat; an integrally formed tubular mass container extending coaxially within said casing outer wall and having a supporting column provided with a reduced neck portion having a closed end wall fixed in said lip and an expanded cosmetic mass receiving cup at the opposite end extending outwardly of said casing adapted to retain and fixedly support a cosmetic mass in a fixed position relative to the casing, said supporting column being provided with a spiral track; and a tubular sleeve disposed between said casing outer wall and mass container and slidable longitudinally therebetween, said sleeve having a reduced neck portion at its inner end overlying the supporting column and being dimensioned so as to closely engage the cosmetic mass receiving cup to support the sleeve precisely relative to said cup thereby to prevent contact between a cosmetic mass mounted in said cup and said sleeve, a follower on said sleeve engaged in the track of the columnar portion for movement outwardly and inwardly of the casing in response to rotation to protect and expose a cosmetic mass received in said holder, and a tubular cap engaged on the outer wall of said casing.

References Cited in the file of this patent

UNITED STATES PATENTS

1,899,748	Cornell	Feb. 28, 1933
2,288,419	Patrick	June 30, 1942
2,460,299	Kruck	Feb. 1, 1949
2,610,733	Balasevich	Sept. 16, 1952

FOREIGN PATENTS

695,921	France	Oct. 6, 1930
652,454	Great Britain	Apr. 25, 1951
1,014,755	France	June 18, 1952
1,024,055	France	Jan. 7, 1953
1,124,179	France	June 25, 1956