

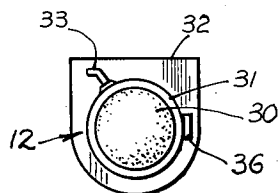
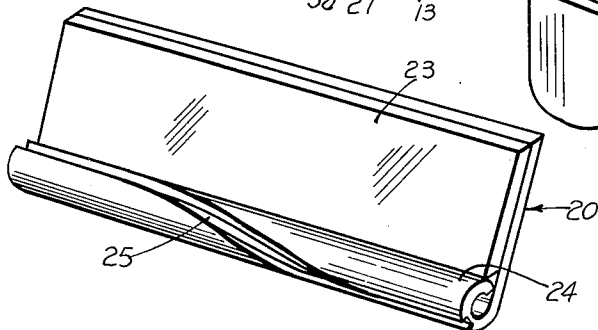
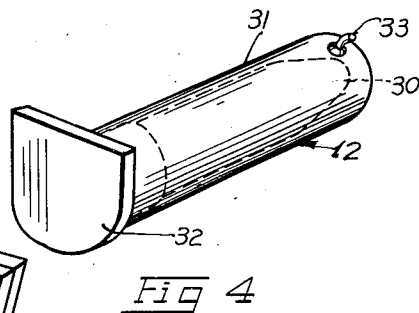
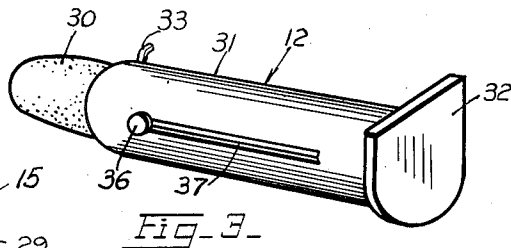
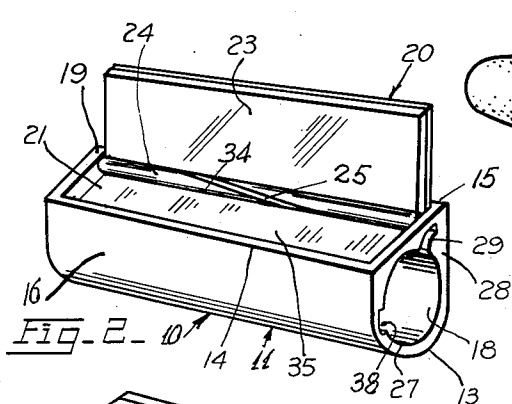
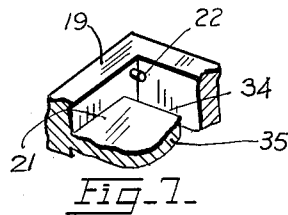
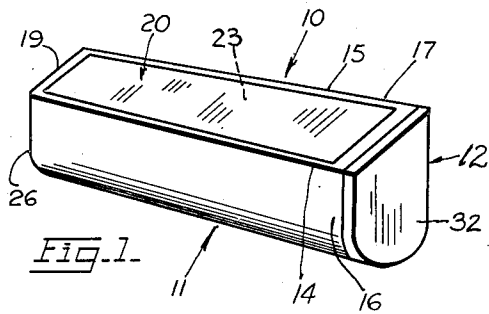
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2,512,476

LIPSTICK HOLDER

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LIPSTICK HOLDER

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6 Claims. (Cl. 132-79)

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This invention relates to a lipstick holder and more particularly to the type of lipstick holder which includes a mirror.

An object of the present invention is to provide a lipstick holder which will cause the mirror to rise ready for operation as the lipstick is withdrawn and to close as the lipstick is returned to the holder, the operation of removing and returning the lipstick being the cause of the mirror rising and closing.

An object of the present invention is to furnish a self-contained lipstick kit, so that in applying the lipstick the user is not forced to open any other piece of paraphernalia, such as a compact, in order to have the use of the mirror.

A further object of the present invention is that, in providing a lipstick mirror in such relation to the lipstick, the automatic operation of the mirror shall be brought about very simply by a mechanism which is not likely to deteriorate in use.

Another and further object is that the method of operation of the lipstick holder shall be so simple as to be practically foolproof.

In accomplishing the objects of the present invention, a lipstick holder casing is provided of tubular shape, with two square corners adjacent each other and the side opposite the adjacent square corners rounded so as to be substantially semi-cylindrical, the sides of the tube between the square corners and the rounded corners being substantially flat and merging into the rounded corners. On the flat side of the case between the adjacent square corners is formed a large shallow recess occupying all of that side with the exception of a narrow border. In said recess is pivotally connected the mirror, by pivot pins located at opposite ends of the recess and substantially at corners thereof.

The mirror comprises along one longitudinal border thereof a tube of small diameter surrounding the pivot pins which are mounted in the casing. This hinge tube of the mirror is provided on its outside diameter with a helical groove which describes a quarter of a turn in the course of the length of the hinge tube. The lipstick inner case is provided with a bent pin which travels in the said groove as the lipstick is withdrawn or returned to the outer case and the action of the pin traveling in the helical groove causes the mirror to raise or lower.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended

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claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a perspective view of the invention embodied as described above.

Fig. 2 is a perspective view of the outer case alone of the invention as embodied.

Fig. 3 is a perspective view of the lipstick and lipstick inner case.

Fig. 4 is a perspective view of the same from a different angle, showing the lipstick retracted and in broken lines.

Fig. 5 is a front end elevation of the same.

Fig. 6 is an enlarged view of the mirror and helical hinge tube partly broken away.

Fig. 7 is a detail, partly in section, of the hinge construction for the mirror.

Referring now in detail to the drawings, the improved lipstick holder 10 comprises the outer case 11 and the inner case 12. Outer case 11 is partly cylindrical in shape, having the semi-cylindrical side 13 and the square corners 14 and 15. The flat sides 16, 17 extend from corners 14, 15 toward and merge with the semi-cylindrical side 13. Outer case 11 may further preferably be furnished with an inner cylindrical tube 18 for receiving the lipstick inner case 12. The flat side 19 between the adjacent square corners 14, 15 is of open rectangular construction, being recessed to receive a rectangular cover 20 as long and wide as side 19 itself. Recess 21 in side 19 is adapted to receive cover 20. Within the recess 21, the outer case 11 is furnished with two pivots 22 disposed on a longitudinal axis relative to outer case 11 and located near corners of recess 21 and on the same side thereof. As more clearly seen from Fig. 6, cover 20 is provided with a mirror 23 extending substantially all along and across the inside thereof. Cover 20 along one of its side borders is formed into a tube of small diameter which tube serves as a hinge tube, surrounding pivots 22 to form a pivotal mounting for cover 20.

Hinge tube 24 is formed with the helical groove 25 which describes a quarter of a turn, that is, 90 degrees, in the course of extending from one end to the other of tube 24.

One end 26 of casing 11 is closed, and the other end is provided with an opening 27 leading into the inner tube 18 thereof. End 26 will be designated the inner end of the device and the opposite end with opening 27 will be considered the outer end thereof. Groove 25 at the inner end of cover 20 lies on a radius of tube 24 substantially parallel with cover 20, and at the outer end of

tube 24, groove 25 lies on a radius of tube 24 which is substantially perpendicular to cover 20

Outer end portion 28 of outer casing 11 is formed with an irregularly shaped groove 29, the purpose of which will be explained hereinafter. Tube 24 is mounted on pivots 22 in manufacture so that pivots 22 and tube 24 constitute a pivotal mounting of cover 20 and mirror 23. Mirror 23 is thus swingable from a closed position illustrated in Fig. 1, in which cover 20 is flush with the outside of case 11, to the open position illustrated in Fig. 2, representing a traverse of 90 degrees.

Lipstick inner case 12, is of conventional lipstick construction generally. That is to say, it contains lipstick 30 and may contain any conventional means of propelling or retracting the same within the tube 31, the particular means for propelling and retracting not being material to the invention and not being illustrated. One end of inner case 12 is closed by a plate of closed U-shape, corresponding to the cross section of outer case 11 so as to be flush therewith when inner case 12 is inserted in outer case 11 as shown in Fig. 1.

Tube 31 is provided near its open end with a pin 33 which is brazed or otherwise firmly attached to tube 31 and extends substantially radially therefrom and has a terminal portion extending substantially parallel to upper surface 34 of end plate 32. Pin 33 passes through groove or slot 29 as inner holder 12 is inserted in outer holder 11. Slot 29 further performs the important function of guiding pin 33 so that it may enter groove 25, the near end of which will be angularly coincident with slot 29 when cover 20 is in the open position of Fig. 2. Only the terminal portion of pin 33 enters groove 25, and as it travels towards the inner end of groove 25 and inner case 11, it imparts rotation to cover 20 around pivots 22 and by the time it has reached the inner end of groove 25, cover 20 is tightly closed as in Fig. 1. As the lipstick inner holder 12 is withdrawn from case 11, the process is reversed and cover 20 bearing mirror 23 is brought to the open position of Fig. 2.

A slot 34 is formed in floor 35 of recess 21 in order to permit passage of pin 33. An ejecting knob 36 is connected to the lipstick base to move the lipstick in or out of the tube 31 by sliding the knob 36 along the slot 37 formed in the tube 31.

A slot 38 is formed in the side wall 16, to permit the knob 36 to be placed in the casing 11 without disturbing the setting of the lipstick.

While we have illustrated and described the preferred embodiments of our invention, it is to be understood that we do not limit ourselves to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described our invention, what we claim as new, and desire to secure by United States Letters Patent is:

1. In a lipstick holder, in combination, an outer case, said case being partly cylindrical and comprising two substantially square corners, a semi-cylindrical surface opposite said square corners and substantially flat sides extending from said corners and merging into said surface, an inner case slidable into and out of said outer case, said outer case comprising a shallow recess formed therein between said square corners and further comprising a cover portion pivotally connected thereto within said recess and swingable from a

closed position entirely within said recess to an open position substantially perpendicular thereto, said cover comprising a mirror on its inner surface, said cover further comprising a cylindrical portion, said portion being formed with a helical groove therein, said inner case comprising means engageable in said groove to swing said cover upon sliding of said inner case.

2. In a lipstick holder, in combination, an outer case, said case being partly cylindrical and comprising two substantially square corners, a semi-cylindrical surface opposite said square corners and substantially flat sides extending from said corners and merging into said surface, an inner case slidable into and out of said outer case, said outer case comprising a shallow recess formed therein between said square corners and further comprising a cover portion pivotally connected thereto within said recess and swingable from a closed position entirely within said recess to an open position substantially perpendicular thereto, said cover comprising a mirror on its inner surface, said cover further comprising an integral portion constituting a hinge tube, said portion being formed with a helical groove therein, said inner case comprising means engageable in said groove to swing said cover upon sliding of said inner case.

3. In a lipstick holder, in combination, an outer case, said case being partly cylindrical and comprising two substantially square corners, a semi-cylindrical surface opposite said square corners and substantially flat sides extending from said corners and merging into said surface, an inner case slidable into and out of said outer case, said outer case comprising a shallow recess formed therein between said square corners and further comprising a cover portion pivotally connected thereto within said recess and swingable from a closed position entirely within said recess to an open position substantially perpendicular thereto, said cover comprising a mirror on its inner surface, said cover further comprising an integral portion constituting a hinge tube, said portion being formed with a helical groove therein, said inner case comprising a pin engageable in said groove and said outer case being formed with a slot for admitting and guiding said pin.

4. An article of the class described, comprising an outer case of semi-cylindrical shape having a flat side formed with a recess, an inner case axially slidable into and out of said outer case, a cover disposed in said recess and having its face flush with said flat side, a mirror on the inner face of said cover, means pivotally supporting said cover at one edge thereof, and means operative between said inner case and said cover to pivot said cover from its position within the recess to a position exposing said mirror when said inner case is axially slid from said outer case, said first-mentioned means comprising a tube formed along one side of said cover, and pins extending from opposed walls of said recess and engaging into the ends of said tube.

5. An article of the class described, comprising an outer case of semi-cylindrical shape having a flat side formed with a recess, an inner case axially slidable into and out of said outer case, a cover disposed in said recess and having its face flush with said flat side, a mirror on the inner face of said cover, means pivotally supporting said cover at one edge thereof, and means operative between said inner case and said cover to pivot said cover from its position within the recess to a position exposing said mirror when said inner

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case is axially slid from said outer case, said first-mentioned means comprising a tube formed along one side of said cover, and pins extending from opposed walls of said recess and engaging into the ends of said tube, said second-mentioned means comprising a pin extending from said inner case and projecting through a slot formed in said outer case, said tube being formed with a groove engaged by said pin for pivoting said cover out of said recess as the pin advances in the groove 10 on outward movement of said inner case.

6. A lipstick container comprising an outer case having a flat side formed with a recess, an inner case for a lipstick axially slidable into and out of said outer case, and aligned pins extended from 15 opposed walls of said recess, a cover disposed in said recess and having its face flush with said flat side, a tube formed along one side of said cover and into the ends of which said pins extend to pivotally support said cover to be pivoted from its position within said recess, a mirror on the inner face of said cover to be exposed when said cover is pivoted from its position in said recess, said outer casing being formed with a slot aligned with

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said tube, said tube being formed with a helical groove, and a pin mounted on said inner case and extended through said slot and engaging said helical groove to pivot said cover from its position within said recess as said inner case is withdrawn from said outer case.

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