Sept. 22, 1936. E. J. MARTIN 2,054,826

LIPSTICK HOLDER

Filed July 14, 1932

Fig. 1.

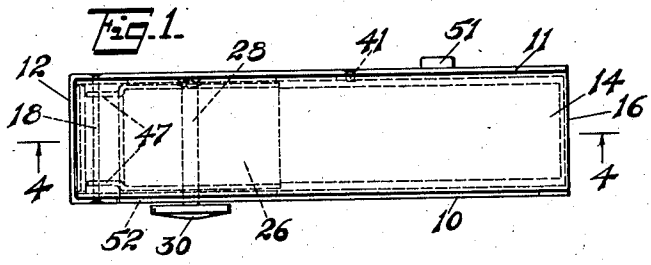


Fig. 2.

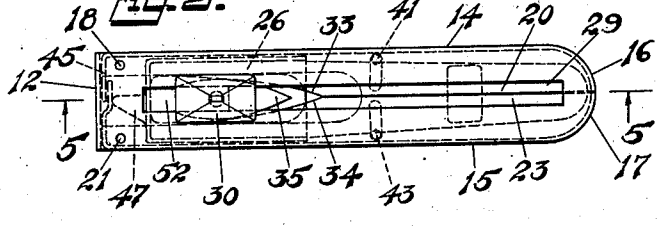


Fig. 3.

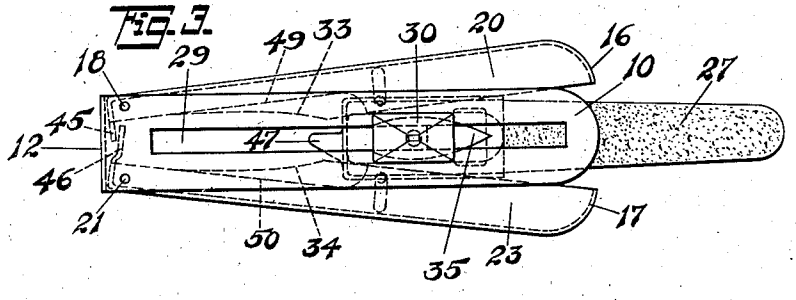


Fig. 4.

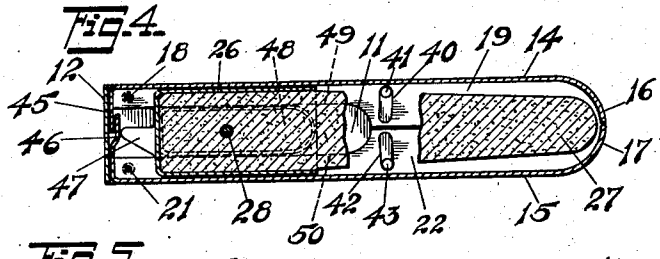
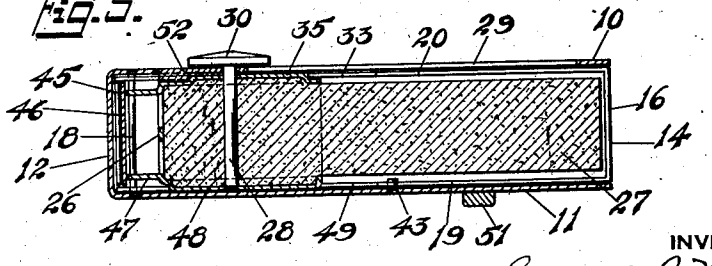


Fig. 5.



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LIPSTICK HOLDER

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Application July 14, 1932, Serial No. 622,405

1 Claim. (Cl. 206—56)

This invention relates to lipstick holders and the like.

It is desirable for obvious reasons to have the cosmetic pencil or lipstick completely housed or enclosed when not in use.

It is an object of the present invention to provide a normally closed lipstick holder such that the housing may be opened, the lipstick projected, used and retracted and the housing closed, all by a one-handed operation of the user.

It is a further object of the invention to provide such a one-handed lipstick holder that is simple in construction and economical to manufacture.

With these general objects in view, the invention consists in the features, combinations, details of construction and arrangements of parts which will first be described in connection with the accompanying drawing and then more particularly pointed out.

In the drawing:—

Figure 1 is a view in side elevation of a lipstick holder constructed in accordance with the invention;

Figure 2 is a view of the same in front elevation, showing the housing closed;

Figure 3 is a similar view showing the housing open and the lipstick projected for use;

Figure 4 is a sectional view taken on the line 4—4 of Figure 1; and

Figure 5 is a sectional view taken on the line 5—5 of Figure 2.

For convenience of description, the end of the holder through which the lipstick is projected for use is referred to herein as the top and the face of the holder on which is located the actuating thumb-piece, hereinafter described, is referred to as the front.

Referring to the drawing, there is provided a housing including a pivotally mounted hooded portion forming a top end closure. Although capable of various constructions, the housing here shown as an example comprises what may be termed a stationary portion including a front wall 10, a back wall 11 and a bottom end closure 12. This stationary portion may conveniently be formed from a single flat strip bent into U shape. The upper ends of the two walls are rounded off as appears in the drawing.

The hooded portion of the housing here illustrated as an example comprises two opposed side members 14, 15, having hood-like forward ends 16, 17, which meet, when the parts are in closed position, to form a top end closure (Fig. 2).

Side member 14 has an inturned rear flange 19 and an inturned front flange 20 and side member 15 has similar flanges 22, 23. When the parts are in closed position, the several flanges fit inside the stationary portion of the housing. In this position, the meeting hooded ends 16, 17, are substantially in line with the rounded ends of the front and rear walls 10, 11, and the parts form an enclosure or complete housing.

To pivotally connect the two-piece hooded portion of the housing with the other portion of the housing, a pivot pin or rivet 18 passes through the front and back walls 10 and 11 of the stationary housing portion and through flanges 19, 20, of side member 14. A similar pivot pin 21 passes through the front and back walls 10 and 11 and through flanges 22, 23, of side member 15.

Slidable between front wall 10 and back wall 11 is a carrier shell or cup 26 which holds the cosmetic pencil or lipstick 27. Extending across the carrier shell 26 is a pin or rivet 28 which projects through a slot 29 in the front wall 10. On the outer end of this pin 28 is a head or thumb-piece 30. By movement of the thumb-piece and its connecting pin up and down slot 29, the lipstick may be advanced and retracted.

When the side members 14, 15, are swung apart to open position the carrier is free to be advanced to project the lipstick. As is hereinafter described in more detail, the side members may be opened first and the carrier then advanced or the carrier may first be started on its advance movement and the side members automatically opened in time to permit projection of the lipstick. To this end, the invention in its entirety includes means for causing relative angular movement between the pivoted portions of the housing, to open the housing, upon advance of the carrier. In the present exemplification, this angular movement is in the form of a separation of the hooded side members 14, 15, and this separation may be conveniently effected by cam means. To this end, as here shown as an example, front flange 20 of side member 14 is cut away to form a cam edge 33 and front flange 23 of side member 15 is similarly cut away to form a cam edge 34. Carried by and moving with the carrier shell is a cam-engaging wedge 35. When thumb-piece 30 is moved up the slot to advance the carrier, wedge 35 engages cam edges 33, 34, and cams apart the two side members 14, 15. This separation of the side members moves the hooded ends 16, 17, out of line with the lipstick 27 or, in other words, opens the end of the housing to permit projection of the lipstick (Fig. 3).

There is provided means for limiting the sep-

aration of the hooded sides 14, 15. To this end, as here shown as an example, the rear flange 19 of side member 14 has a slot 40 riding on a stop pin 41 carried by rear wall 11. The rear flange 22 of side member 15 has a similar slot 42 riding on a similar pin 43. The engagement of the ends of these slots with their respective pins limits the extent of separation of the pivoted side members (Fig. 3).

The invention in its entirety includes means for causing reverse movement of the separable side members, to close the housing, upon retraction of the lipstick. Although this may be effected in various ways, in the embodiment here shown as an example, side member 14 has an inwardly extending, lever-like tongue 45 at its lower end. Overlying this tongue is a lever-like tongue 46 on the lower end of side member 15, the end of tongue 46 being offset to accommodate tongue 45 (Figs. 2, 4). In the open position of the housing (Fig. 3), these lever-like tongues are swung upwardly. To reverse the position of the parts, carried by the carrier unit are twin lugs 47. As the thumb-piece is drawn down to retract the lipstick, these lugs, near the end of the carrier movement, engage the tongues 45, 46, and by forcing them down cause the pivoted side members to be swung inwardly toward each other. This return of the side members to initial position again closes the housing. It will be apparent that by the time this closing operation is effected, the forward end of the lipstick has been withdrawn to a point below the hooded ends 16, 17, of the side members.

To hold the parts in proper position when the lipstick is retracted and the housing closed, the carrier unit has a spacer lug 48 on its rear face. Rear flanges 19, 20, of the respective side members 14, 15, are cut away to form stop edges 49, 50. In closed position, spacer lug 48 seats between these stop edges and prevents any wabbling movement of the side members. On the front of the carrier unit is a guide lug 52 that rides in slot 29 and serves to guide the carrier unit and to hold the same against wabbling and the like when the lipstick is in advanced position.

As appears in Fig. 2, when the parts are in closed position slot 29 is substantially closed by lug 52, thumb-piece 30, wedge 35 and the meeting edges of flanges 20, 23.

On the rear wall 11, near the top, is a finger-piece or abutment 51.

In operation, the holder is held in the fingers of the user with the forefinger hooked over finger-piece 51 and the thumb on the thumb-piece 30. By an upward movement of the thumb, the thumb-piece is advanced up slot 29. This moves the carrier and the lipstick upwardly. During the early part of the movement wedge 35 cams apart the pivoted side members 14, 15, to open hooded ends 16, 17, and clear the advancing lipstick. Continued movement of the thumb-piece and carrier projects the lipstick to its extreme position ready for use (Fig. 3). Upon a reverse movement of the thumb-piece, the carrier and the lipstick are withdrawn. Near the end of this reverse stroke, lugs 47 engage lever-like tongues 46, 45, and the end of the movement causes the latter to swing the side members inwardly to initial position, thereby closing hooded ends 16, 17, over the now withdrawn lipstick.

With the construction described, the lipstick is housed when not in use and the entire operation of opening the housing, advancing and retracting the lipstick and closing the housing is a one-handed one. This leaves the user's other hand free to hold a mirror or the like. In addition, the lipstick holder described provides a neat and compact construction with uninterrupted sides that make available unbroken surfaces for ornamentation.

It is to be understood that the term "lipstick holder", as used in the specification and claim, is descriptive only and that the invention is applicable to other cosmetic pencils, crayons and the like.

What is claimed is:

In a lipstick holder, and in combination, a stationary U-shaped housing portion including front and rear walls and a bottom end closure, the upper ends of said walls being rounded, two opposed side members having inturned flanges and hood-like upper ends, the flanges fitting inside the stationary housing portion and the hood-like ends meeting and being in line with the round ends of the latter when the holder is closed, means for pivotally connecting the side members with the stationary housing portion, a lipstick carrier slidable between the front and rear walls of the stationary housing portion, a thumb piece outside the housing and connected with said carrier by a pin, the front wall having a slot for said pin, a cam element carried by the carrier, the front flanges of said side members being cut away to form cam edges for engagement by said cam element, whereby upon movement of the thumb piece to advance the carrier the side members are opened outwardly, stop pins carried by the rear wall of said stationary housing portion, the rear flanges having slots riding on said stop pins to limit outward movement of the side members, and a finger abutment on the rear wall of said stationary housing portion.

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