Nov. 5, 1929. C. N. CORYELL 1,734,117

HOLDER FOR STICK MATERIAL

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Fig. 1.

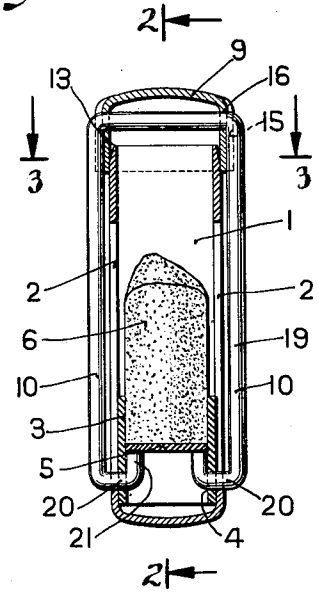

Fig. 2.

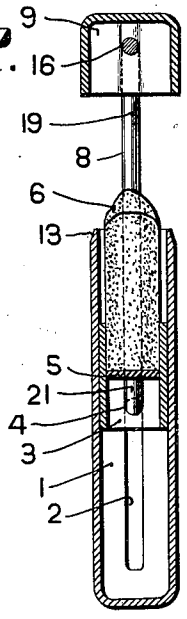

Fig. 3.

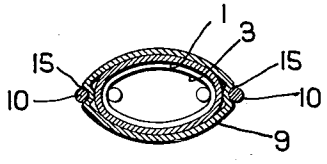

Fig. 4.

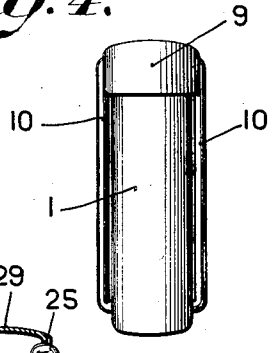

Fig. 5.

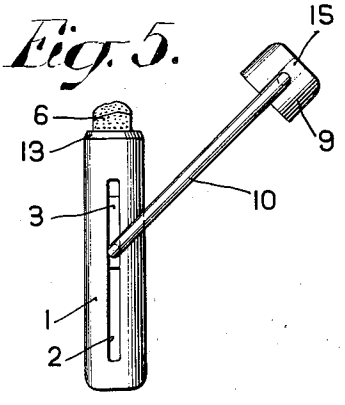

Fig. 6.

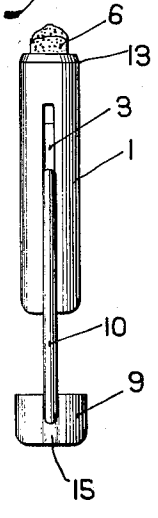

Fig. 7.

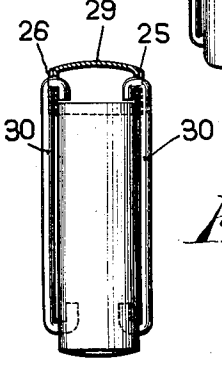

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Fig. 9.

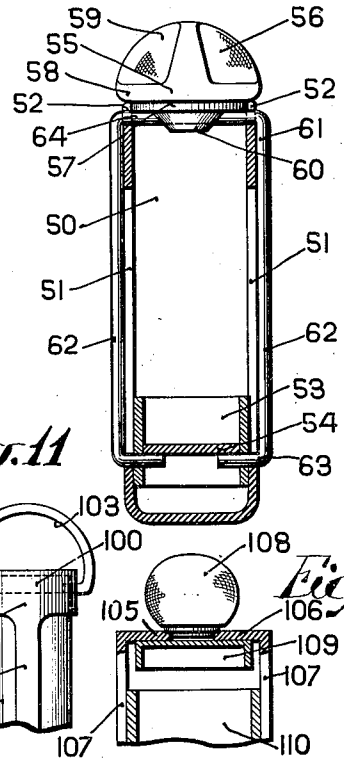

Fig. 8.

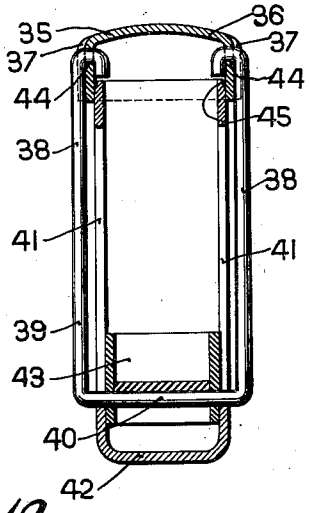

Fig. 10.

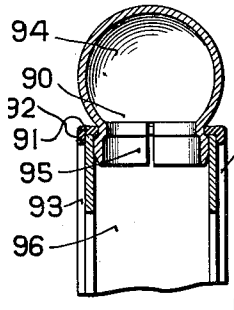

Fig. 11

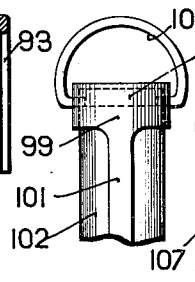

Fig. 12.

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UNITED STATES PATENT OFFICE

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HOLDER FOR STICK MATERIAL

Application filed January 6, 1927. Serial No. 159,283.

This invention relates to holders for carrying small articles, such as for instance, a lipstick, and more particularly to a novel construction thereof including means for advancing the article beyond the end of the body of the holder whereby it may be positioned conveniently for use.

According to the present invention a holder is provided comprising a holder tube which may be of non-circular cross section and in which may be telescopically mounted a carrier tube in which the article may be seated. A cover member may also be provided having a member projecting therefrom to engage the carrier tube for controlling the position thereof.

In a holder constructed in accordance with this invention the contained article may be advanced beyond the end of the holder tube by merely moving the cover member longitudinally of the holder tube and then swinging the cover member laterally to expose and allow free access to the article itself.

An advantage of the construction according to this invention is that an article of any desired cross section may be mounted within the holder, the holder being of a corresponing shape. Should the article carried constitute a lipstick it may conveniently be constructed with an elliptical cross section and an elliptical holder employed in connection therewith. Various toilet and other articles, however, may be carried by means of this holder, such as shaving brushes, combs, etc., regardless of the shape of the cross-section of the particular article.

Furthermore, the construction is such that the article may be easily advanced for use and the article may be returned to its concealed position and the holder closed by the cover member with equal facility. The cover member operates to substantially close the holder so that in closed position should the article be soft or semi-soft, such as lipstick, it is prevented from leaking out and soiling the pocket or handbag in which the holder may be carried. It is further prevented from being contaminated by outside substances by means of this construction.

The construction herein disclosed is simple and rugged and therefore cannot be easily broken, and the parts may be assembled and disassembled easily and inexpensively. In addition, the construction is such as to present a net and pleasing appearance.

Although the novel features which are believed to be characteristic of this invention will be pointed out with particularity in the claims appended hereto, the invention itself, as to its objects and advantages, the mode of its operation and the manner of its organization may be better understood by referring to the following description taken in connection with the accompanying drawings forming a part thereof, in which

Fig. 1 is a longitudinal sectional view of a holder constructed in accordance with this invention;

Fig. 2 is a longitudinal section taken on line 2—2 of Fig. 1 disclosing the holder in partly open position;

Fig. 3 is a transverse section taken on the line 3—3 of Fig. 1;

Fig. 4 is a front elevation of the holder;

Fig. 5 is a side elevation showing the holder in open position with the lip stick in position for use;

Fig. 6 is a side elevation showing the holder in open position, the cover member being swung to its lowermost position.

Fig. 7 is an elevation partly in section of a modification using two separate wires;

Fig. 8 is an elevation partly in section of another modification illustrating the use of a single wire;

Fig. 9 is still another modification showing the side arms formed from a single wire and a button to be grasped in opening;

Figs. 10, 11 and 12 are details showing still further constructions of the cap member providing convenient means for grasping in opening.

In the following description and in the claims parts will be identified by specific names for convenience, but they are intended to be as generic in their application to similar parts as the art will permit.

Like reference characters denote like parts in the several figures of the drawings.

Referring now to the drawings, and, more

particularly Figs. 1–6, inclusive, the holder may comprise a holder tube 1 which is shown in the drawing as having an elliptical cross section, although obviously any other desired cross section might be employed corresponding to that of the article to be carried. The holder tube 1 may have its lower end closed and rounded and the upper end open, the upper edge being beveled or tapered as at 13 to allow easy seating of the cap. It may further be provided with a pair of longitudinally extending slots 2 in its side walls for a purpose to be hereinafter described more in detail.

Mounted within the holder tube 1 may be a carrier tube 3 of cross-section similar to that of the holder tube and adapted to fit snugly therein and to telescope inside of the holder tube. The carrier tube 3 may have both ends open and have openings 4 in its side walls for a purpose to be hereinafter described. It may, also, be provided with a bottom 5 which may be soldered or otherwise secured in position. The bottom 5 and the sides of the carrier tube 3 form a seat to carry the article, which is herein disclosed as a lipstick 6 and which is preferably of the same general cross-section as that of the carrier tube and holder tube.

The holder may be closed by means of the cover member 8 comprising a cap 9 having its upper end rounded and closed. The cap 9 may be generally elliptical in cross section and may be adapted to telescope over the outside of the holder tube 1 to the position shown in Figs. 1 and 4. The cap 9 may have its sides pressed or rolled inwardly to form a pair of longitudinal grooves 15 at the opposite ends of the longer transverse axis thereof. The cap 9 may be further provided with a pair of holes 16 in the wall near the upper ends of said grooves, said openings being of the proper size to permit wire 19 to be passed therethrough. Wire 19 having been passed through openings 16 is bent to form side arms 10 extending parallel to the sides of cap 9, said arms being firmly seated in grooves 15, thereby preventing relative movement of the cap and arms.

The arms 10 are extended parallel to the sides of holder tube 1, the ends thereof being bent transversely at right angles, forming pivot portions 20, extending through slots 2 in said tube and through openings 4 in carrier tube 3, the ends being further bent upwardly as at 21.

Wire 19 being attached as above mentioned serves to control the position of carrier tube 3 in the holder tube 1 and to provide means for moving said carrier tube longitudinally thereof throughout the extent of slots 2.

In order to advance the article for use the cover member 8 may be moved longitudinally relatively to the holder member 1 until the article is advanced any desired distance beyond the holder member. The cover member 8 may then be swung laterally about the pivot portions 20 first to the position as shown in Fig. 5, and then to the position shown in Fig. 6, whence the lipstick 6 is ready for use. The holder may, if desired, be grasped by the cap 9 and side arms 10 at the same time it is grasped by the holder tube 1, thereby positively preventing retraction of the article into the holder tube during use.

When it is desired to close the holder, the operation of the parts is reversed, the cap 9 being swung to the position shown in Fig. 2, parts being then telescoped together with the cap 9 fitting down over the holder tube 1 as shown in Fig. 1.

Cap 9 may be made slightly larger than tube 1 to allow space for indentations formed by the grooves 15 to pass over the sides of the holder tube 1. In actual use, however, these indentations may be made extremely small so that the increase in size of the cap is not noticeable. Should the wire 19 and grooves 15 be made sufficiently small it would be unnecessary to increase the size of cap 9, the grooves themselves forming additional friction means for locking the cap in closed position.

If desired, two separate pieces of wire may be used instead of the single piece. Referring now to Fig. 7, the side arms 30 are made from two separate pieces of wire. Each side arm 30 has its ends disposed in a groove 25 on the cap 29 and bent inwardly through a hole 26 in the wall of the cap and then downwardly to clamp the side member 30 firmly to the cap 29, this construction preventing relative movement between the cap and side arms. The rest of the holder shown in Fig. 7 may be constructed in the same manner as the holder shown in Figs. 1–6, inclusive.

Referring to Figure 8, the cover member 35 is formed of a cap 36 having a closed end and having its side walls pressed or bent inwardly to form longitudinally extended grooves 37. The side arms 38 are made up of a single piece of wire 39, generally U-shaped, the wire being bent at right angles to form a pivot portion 40 extending through the slots 41 in the holder tube 42 and through holes in the carrier tube 43. The upper ends of the side arms 38 are disposed in the grooves 37 and bent inwardly through holes 44 in the walls of the cap, then downwardly, the wire being clamped around the wall of the cap to prevent any relative movement between the cap and the side arms. The upper end of the holder tube 42 may be beveled as at 45 to facilitate closing of the cap 36 down over the holder tube.

In Fig. 9, the holder tube may be provided with longitudinally extending slots 51 in the side walls, its upper edges having notches 52 in line with the slots.

The carrier tube 53 may be telescopically

mounted within the holder tube 50 and provided with openings and a bottom plate 54. A lipstick or other material may be set in the carrier tube 53, as is well understood.

The cover member 55 is made up of a cap 56 having a disk-portion 57 with a projecting flange portion 58, the flange portion being provided with a button 59 which may be of some ornamental design, and which can be easily grasped by the user for opening and closing the holder. Depending from the disk portion 57 may be a central projection 60 having an opening therethrough through which a wire 61 may be passed. This wire is firmly secured in said opening by soldering or otherwise, and is bent downwardly to form side arms 62 snugly fitting the walls of the holder tube 50, the lower ends of the side arms being bent inwardly to form pivot portions 63 passing through the slots 51 in the holder tube 50 and the holes in the carrier tube, the spring of the wire material holding the side arms in position.

It will be undestood that when the parts are in closed position as shown in Fig. 9, the transverse upper portion 64 of the wire will be disposed in the notches 52 and the disk portion 57 will be snugly fitted inside the upper edge of the holder tube with the flange 58 projecting out.

It will be appreciated that this modification is operated in a manner similar to modifications described above. An outstanding feature of this modification, however, is the provision of a button so positioned and arranged that it may be readily grasped by the fingers in such manner that, when the cover member 55 is moved longitudinally away from the holder tube and then swung laterally, the fingers are not liable to touch and break the stick material. A further feature of the modification described above is the provision of the spring side arms 62 which may be easily but not accidentally sprung out of the holes in the carrier tube 53. This allows easy removal and replacing of the carrier member 53, together with its contained stick material, it being within the contemplation of this invention to provide combination refills of carrier member and stick material. These refills can be replaced as a unit in the holder when the old stick material is used up.

In Fig. 10, the cover member 90 may be made up of a plate 91 having a cylindrical portion 92 with side arms 93 depending therefrom. The plate 91 may be provided with an opening in which may be sprung a spherical member 94 having a split skirt 95. Either the skirt 95 or the cylindrical portion 92 or both together, as shown in Fig. 10, may be utilized to hold the cover member 90 in closed position on the holder tube 96.

Referring now to Fig. 11, the cover member 99 comprises a cylindrical cap 100 having a closed end and depending side arms 101, the cap telescoping over the outside of the holder tube 102. The cap may be provided with openings in which may be sprung a bail 103, this bail providing convenient means for grasping the cover 99 in opening and closing and for attaching to a chain or the like, if desired.

In Fig. 12, the cover member 105 comprises a flat cap 106 having a pair of integral side arms 107 depending therefrom. The flat cap 106 has a knob 108 secured thereto by soldering or otherwise and a cylindrical wall 109 depending therefrom, the cylindrical wall telescoping inside holder tube 110 when the holder is closed.

It will be obvious that in Figs. 10, 11 and 12, the construction of the lower part of the holder tube, that of the carrier member and the manner of securing the side arms to the carrier member may be similar to any one of the preceding species.

It should be noted that the species shown in Fig. 9, and Figs. 10, 11 and 12, are provided with finger-engaging means which are so arranged and so positioned that they may be grasped by the fingers in opening and closing the holder in such manner that the position of the fingers automatically is such that they cannot accidentally touch the lipstick or other stick material as the cover member is swung laterally. It will be obvious that this is a very meritorious feature since, if no special means is provided, there is chance that in opening and closing the holder, the finger will touch the lipstick resulting not only in soiling the fingers but possibly in breaking the lipstick.

Due to the construction of the holder, the shape of the article is not limited to any particular cross-section, although it has been disclosed for purposes of illustration as elliptical. The article may be fed to a useable position by means which is independent of shape of cross-section by a simple longitudinal relative movement of the parts, thereby providing a simple and efficient mechanism which may be rugged and inexpensive and which is not likely to get out of order.

While the holder has been described as a lipstick holder, it is obvious that the holder may be used to carry and dispense any other substance in the form of a stick.

While certain novel features of the invention have been shown and described and are pointed out in the annexed claims, it will be understood that various omissions, substitutions and changes in the forms and details of the device illustrated and in its operation may be made by those skilled in the art without departing from the spirit of the invention.

What is claimed is:

1. A holder comprising a holder tube having longitudinally extending slots, oppositely

disposed notches in line with said slots, a cover member comprising a cap and a single strip of wire, said cap having a depending portion adapted to fit within said holder tube and a finger-grasping portion outside said holder tube, said wire having an upper transverse portion connected to said depending portion and adapted to fit in said notches and side arms having inturned ends disposed in said slots.

2. A holder for stick material comprising a holder tube having longitudinally extending slots, oppositely disposed notches in line with said slots, a carrier member telescoping in said tube, a cover member comprising a cap and a single strip of wire, said cap having a depending portion adapted to fit within said holder tube, a finger-grasping portion overhanging said holder tube and a centrally depending portion, said wire having an upper transverse portion extending through said depending portion and adapted to fit in said notches and side arms having inturned ends forming pivot portions disposed in said slots and engaging said carrier member, said side arms being adapted to be sprung outwardly so that a refill of combined carrier member and stick material can be replaced.

In testimony whereof I have hereunto set my hand.

CHARLES N. CORYELL.