Nov. 9, 1943. H. S. RUEKBERG 2,333,889

LIPSTICK RECEPTACLE

Filed Dec. 10, 1941

Fig. 1.

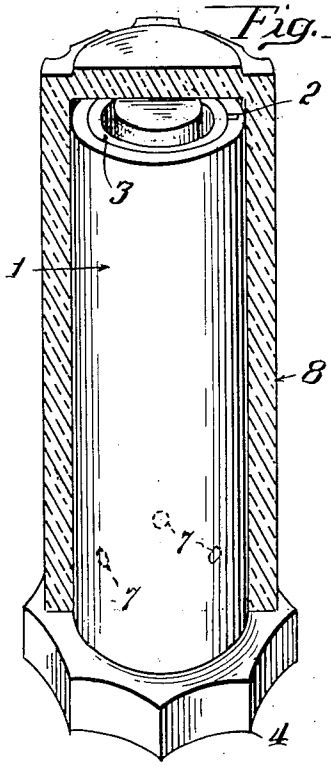


Fig. 2.

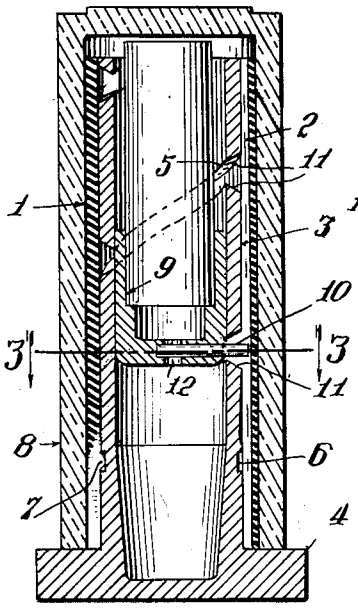


Fig. 3

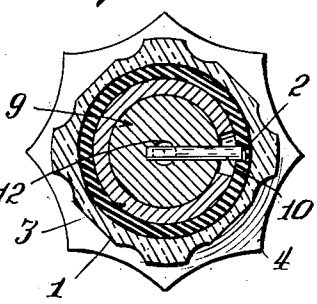


Fig. 4.

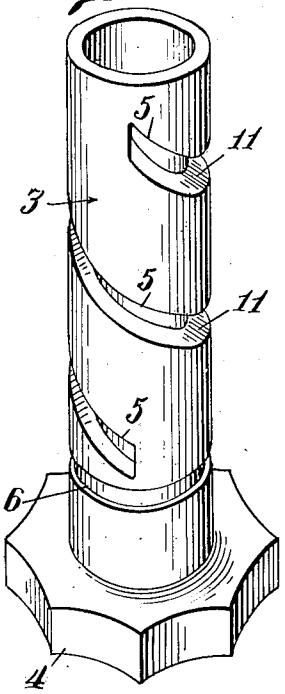


Fig. 6.

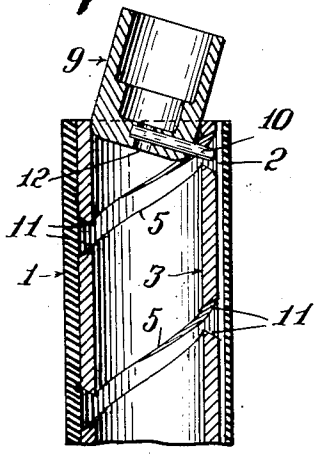
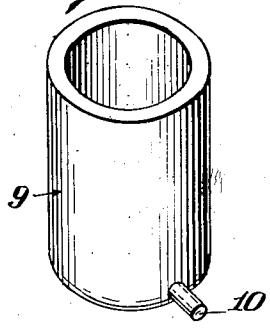


Fig 5.



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UNITED STATES PATENT OFFICE

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LIPSTICK RECEPTACLE

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Application December 10, 1941, Serial No. 422,338

1 Claim. (Cl. 206—56)

This invention relates to improvements in receptacles for lip-stick or any other color applying stick, such as crayon or the like, or which may be adapted or adaptable for other uses.

The main object of the invention is to provide a device of the character described, which is so constructed as to be adapted to be composed of a plastic material or materials suitable to the purpose, for low cost production and ornamental appearance.

A further object of the invention is to provide a structure of the type specified which is easily assembled and disassembled for purposes of reloading the carrier element thereof after the initial lipstick or the like has been consumed.

A suitable embodiment of the invention is illustrated in the accompanying drawing, wherein:

Fig. 1 is a sectional perspective view partly in elevation, showing a lip-stick receptacle constructed in accordance with the invention, the cover element of the same being shown in central longitudinal section.

Fig. 2 is a central longitudinal sectional view of the device, the vertically reciprocable carrier for the lipstick being shown in elevation.

Fig. 3 is a plan sectional view of the same taken on the line 3—3 of Fig. 2.

Fig. 4 is an enlarged perspective view of a helically slotted member of the device rotatable with respect to other parts to impart reciprocable movements to the carrier.

Fig. 5 is an enlarged perspective view of the lipstick carrier.

Fig. 6 is a fragmentary detail central longitudinal sectional view of the device devoid of the cover element and showing the carrier and the sleeve within which the member shown in Fig. 4 is rotatable with said carrier disposed in position for removal and replacement.

The structure comprises a cylindrical member 1, composed of a suitable plastic material, such as polystyrene, which is provided internally with a longitudinal groove 2 of appreciable depth.

Rotatably engaged in said member 1 is the hollow cylindrical member 3 rigid at one end with a peripherally recessed head 4 and which is equipped between its ends with a helical slot 5 of a length arcuately, of substantially twice the diameter of said member 3 and of a pitch of substantially 45 degrees in the instance illustrated, said pitch and length being variable at will.

The slot 5 terminates at a point spaced from the upper end of the member 3 and also terminates at a point spaced from the annular groove 6 in the lower end portion of said member 3, the said groove 6 being spaced from the head 4.

The said groove 6 cooperates with suitable formations such as rounded projections 7, on the inner face of said end portion of the member 1 which are snapped into and out of said groove to hold the members 1 and 3 against relative longitudinal movement while permitting easy disengagement of the same from said member 3.

The cover member 8 of the device receives telescopically the member 1 and has its lower end abutting the head 4 of the member 3. The lower end portion of said cover 8 engages the lower end portion of the member 1 firmly frictionally in a well known manner to hold the latter and said cover fairly firmly but detachably engaged with each other.

The lip-stick carrier 9 is cylindrical externally and constitutes a receptacle for an end portion of a lip-stick or the like. The outer diameter of said carrier 9 is slightly less than the inner diameter of the member 3 so that, as shown in Fig. 6, said carrier may be canted with respect to the member 3 to effect its removal from the latter when it is at the upper limit of its movement with respect thereto as determined by the upper terminal of the helical slot 5.

The carrier 9 is equipped adjacent its bottom surface with a radial projection or pin 10 which projects through the slot 5 into the groove 2 of the member when said carrier is axially aligned with the members 1 and 3 and is thus held against rotation with respect to the member 1.

The lower end of the member 1 rests, normally, upon the head 4 of the member 3 and is held against rotation in one hand while the head 4 of member 3 is rotated to cause the helical slot of the latter to impart longitudinal movement to the carrier 9. A vent hole 12 is provided in the bottom wall of the carrier 9 to permit easy insertion of a lip-stick and the removal of the unused end portion of same.

All parts above described are composed of plastic material of the same or respectively different colors, the only exception being the projection or pin 10 which, preferably is a metallic device embedded for the major part of its length in the bottom wall of the carrier 9.

In order to permit the device to be made cheaply without resort to anything more than molding in the well-known manner, common to the production of plastics, the slot 5 is bordered by bevelled walls 11 which permit easy removal of the member 3 from a two part mold separable along a diametric plane of said member 3.

The assembled structure is rendered very ornamental in appearance by reason of the several different colors of its component parts without resort to further decoration.

I claim as my invention:

A structure of the type specified which comprises a hollow cylindrical member rigid at its closed end with a head presenting a peripheral flange, said member being equipped with an annular groove spaced from said head and with a helical slot extending from a point adjacent to said groove to a point adjacent to its open end, said slot lying between said groove and said open end, a lipstick container reciprocable longitudinally of and disposed within said member, said container being equipped with a lateral projection in its lower closed end which projects through and beyond the outer wall of said member, a tube composed of resilient material telescopically disposed over said first-named member and rotatable relative thereto, said tube equipped internally with a longitudinal groove in which the outer end portion of said projection engages to prevent rotation of said container as said first-named member is rotated relative to said tube, the latter also equipped internally with projections adapted to be snapped into said annular groove to prevent relative longitudinal movement of said first-named member and said tube, said container being so loosely fitted into said first-named member as to permit the same to be tilted when at the upper limit of its movement to effect withdrawal of said projection from said helical slot and removal of said container from said first-named member.

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