May 9, 1939. A. PITAR ET AL 2,157,432

COMBINED BOTTLE CLOSURE AND COMB WIPER

Filed Aug. 13, 1937

Fig. 1.

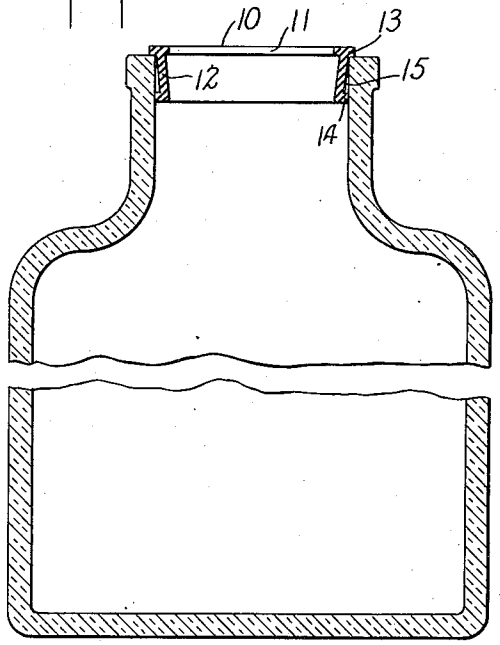


Fig. 2.

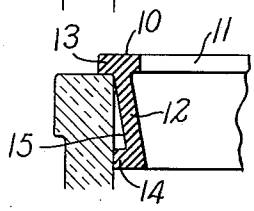


Fig. 3.

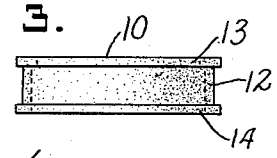


Fig. 4.

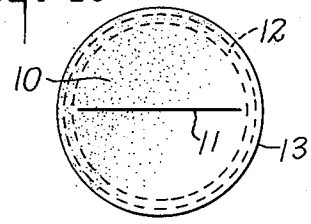


Fig. 5.

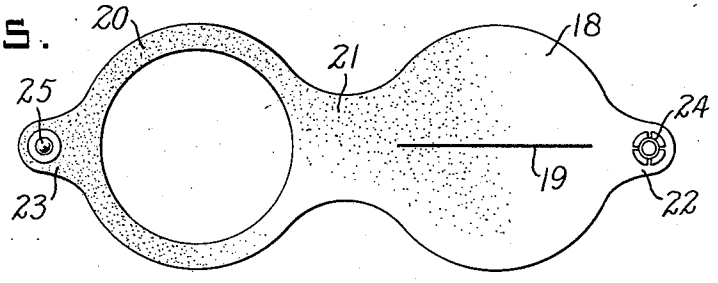


Fig. 6.

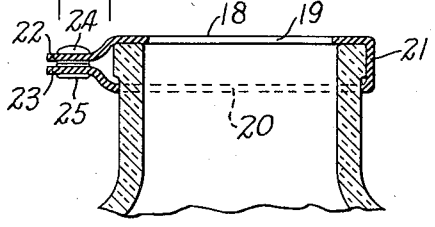


Fig. 7.

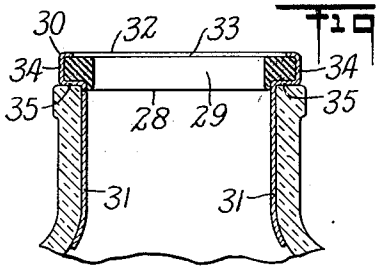
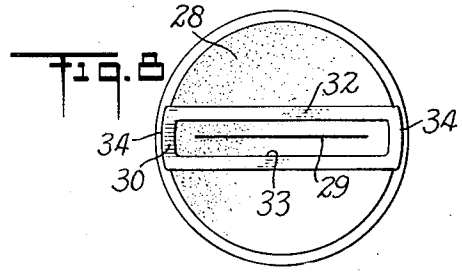


Fig. 8.



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COMBINED BOTTLE CLOSURE AND COMB WIPER

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Application August 13, 1937, Serial No. 158,874

3 Claims. (Cl. 132—1)

This invention relates generally to cosmetic appliances and has particular reference to a combined bottle closure and comb wiper for hair dressing lotions.

The invention broadly comprehends a flexible resilient closure adapted to cover and seal the mouth of a bottle containing a hair dressing lotion and which closure is provided with an elongated slit for the insertion therein of a comb for the application thereto of the hair dressing lotion and the wiping of the excess dressing therefrom when the comb is removed from the slit.

The invention further comprehends in a flexible resilient closure of the indicated character, means for securing the same in closed condition over the mouth of the bottle and for maintaining the lips of the slit in resilient abutting relation to prevent spillage therethrough.

The invention more specifically provides a closure for a bottle containing hair dressing lotion having a flat flexible resilient member, an elongated slit for the insertion therein of a comb for the application thereto of hair dressing lotion contained in said bottle and the wiping of the excess therefrom when the comb is removed from the slit, and which member is provided with an integral flexible resilient peripheral flange having a pair of spaced peripheral beads for insertion within the neck of the bottle with one of the beads overlying the rim of the bottle and the other bead engaging against the inside face of the neck thereof for removably securing the said member in covering relation with the mouth of the bottle to close the same and for maintaining the lips of the slit in abutting relation to prevent spillage of the contents therethrough.

The invention further provides in one of its forms, a flexible resilient member fashioned from a sheet of flat material and having an elongated slit therethrough adjacent one end thereof to receive a comb for insertion in the bottle through the said slit for the application thereto of the contents thereof, and the wiping of the excess therefrom when removing the comb from the slit, said member also being provided with an opening adjacent the opposite end thereof of a size adapted to resiliently engage about the neck of a bottle, and with interengageable fastening means on the opposite ends of said member for removably securing one end thereof in covering relation with the mouth of the bottle to close the same and for tensioning the said member to maintain the lips of the slit in close relation.

With the foregoing and other objects in view, reference is now made to the following specification and accompanying drawing in which there is disclosed by way of example preferred embodiments of the invention.

In the drawing:

Fig. 1 is a vertical sectional view of a combined bottle closure and comb wiper constructed in accordance with the invention in operative association with a bottle.

Fig. 2 is an enlarged fragmentary vertical sectional view thereof.

Fig. 3 is a side view of the bottle closure and comb wiper illustrated in Figs. 1 and 2 hereof.

Fig. 4 is a top plan view thereof.

Fig. 5 is a plan view of a modified form of combined bottle closure and comb wiper.

Fig. 6 is a vertical sectional view of the closure and comb wiper shown in Fig. 5, illustrated in applied position on the neck of a bottle.

Fig. 7 is a similar view of another modification of the invention.

Fig. 8 is a top plan view thereof.

Referring to the accompanying drawing by characters of reference and particularly to the form of the invention illustrated in Figs. 1 to 4 inclusive, the combined bottle closure and comb wiper, preferably constructed of semi-vulcanized rubber or other equivalent resilient material, includes a flat flexible resilient member 10 provided with an elongated slit 11 therethrough having its ends spaced from the opposite edges of said member and which slit is of a length to frictionally receive a comb inserted flatwise and endwise therein.

The member 10 is adapted to cover the mouth of a bottle so that when a comb is inserted therein, the same extends into the bottle so as to receive an application of the hair dressing liquid contained therein and which slit functions to remove the excess thereof and to retain the same within the bottle when the comb is withdrawn from the slit.

For the purpose of providing means for maintaining the member 10 in resilient covering relation over the mouth of the bottle, a flexible resilient flange 12 depends from the undersurface thereof in spaced relation from the peripheral edge thereof so as to provide an outwardly projecting peripheral bead 13 and which flange is normally disposed at right angles to the plane of the member 10 and is provided with an outwardly projecting bead 14 of rectangular shape in cross sectional configuration at the free edge thereof.

The flange 12 is adapted to be disposed within the neck of the bottle with the bead 14

thereof positioned in continuous peripheral contact against the inside surface thereof and with the bead 13 seated upon the rim defining the mouth of the bottle. The bead 14, when in engagement with the inner surface of the neck of the bottle, functions to compress the flange inwardly at an angle thereto so that the outer peripheral face 15 of the flange above the bead 14 is maintained in spaced relation from the inner face of the neck of the bottle to hold the bead 13 under tension and in sealing relation upon the rim of the bottle and the lips of the slit 11 in resilient abutting relation to prevent accidental spillage of the contents of the bottle therethrough.

The combined bottle closure and wiper, illustrated in Figs. 5 and 6, includes a flat flexible resilient member cut, molded or stamped from a sheet of semi-vulcanized rubber or other equivalent resilient material and which member comprises an end portion 18 adapted to cover the mouth of a bottle to close the same and is provided with an elongated slit 19 therethrough for the insertion of a comb into the bottle to receive an application of the liquid contained therein and to remove the excess liquid therefrom when the comb is withdrawn from the slit.

The member also includes an apertured portion 20 of a size to snugly engage about the neck of the bottle and which portions 18 and 20 are connected by a bight portion 21 and have outwardly extending tab portions 22 and 23 respectively provided with interengageable fastening means such as snap fasteners 24 and 25, for connecting the ends of the member together with the portion 18 thereof in stretched condition upon the rim of the bottle to cover and seal the mouth opening thereof and functioning to hold the lips of the slit 19 under tension and in abutting relation.

In the form of the invention illustrated in Figs. 7 and 8 of the drawing, the combined bottle closure and comb wiper includes a flat flexible resilient member 28 which is cut or molded from semi-vulcanized sponge rubber or other equivalent material and which is adapted to engage over the mouth of a bottle for closing the same. The member 28 is provided with an elongated slit 29 adapted to receive a comb inserted endwise and flatwise therethrough so as to receive an application thereto of the liquid contained in the bottle and to wipe the excess therefrom when the comb is removed from the slit. The member 28 is removably secured in covering relation with the mouth of the bottle by means of a metal clamp 30 having a pair of oppositely disposed spring leg members 31 outwardly flared at their free ends and adapted to engage against the inside face of the neck and breast of the bottle.

The clamp 30 also includes a bight portion 32 adapted to engage over the upper surface of the member 28 with the slit 29 exposed through the elongated aperture 33 therein with the opposite ends 34 thereof being bent to clampingly engage about the opposite edge portions of the member 28 with the inturned portions 35 thereof embedded in the undersurface of the member 28 so that the spring leg members 31 function to maintain the member 28 in sealing relation on the rim of the bottle, while the bight portion 32 and the end portions 34 and 35 of the clamp 30 function to maintain the lips of the slit 29 in abutting relation.

What is claimed is:

1. In a combined bottle closure and comb wiper, a flat flexible resilient member having an elongated slit extending therethrough adapted to receive a comb for the application thereto of the liquid contained in the bottle, and for wiping the excess liquid therefrom when the comb is removed from the slit, and said member having a flexible resilient peripheral flange provided with a pair of outwardly extending spaced peripheral beads, said flange being adapted to engage within the neck of the bottle with one of said beads overlying the rim of the bottle and the other bead engaging against the inside face of the neck thereof for removably securing the said member in covering relation with the mouth of the bottle for sealing the same and for maintaining the lips of the slit in close relation to prevent spillage of the contents of the bottle therethrough.

2. In a combined bottle closure and comb wiper, a flat flexible resilient member having an elongated slit extending therethrough adapted to receive a comb for the application thereto of liquid contained in the bottle and the wiping of excess liquid therefrom when the comb is drawn through the slit, said member being adapted to engage about its peripheral edge with the rim of the neck of the bottle to close the mouth opening of the bottle, and tension means associated with said member and adapted to engage against the inner face of the neck of the bottle for drawing and maintaining the said member in resilient sealing relation on the rim thereof and for maintaining the lips of the slit in close relation.

3. In a combined bottle closure and comb wiper, a flat flexible resilient member having an elongated slit extending therethrough adapted to receive a comb for the application thereto of liquid contained in the bottle and the wiping of excess liquid therefrom when the comb is drawn through the slit, said member being adapted to engage about its peripheral edge with the rim of the neck of the bottle to close the mouth opening of the bottle and said member having a flexible resilient peripheral flange provided with a peripheral bead at its free edge, said flange being adapted to be disposed within the neck of the bottle with the said bead engaging against the inside face of the neck thereof and with the flange compressed inwardly to provide a space between the outer peripheral face thereof and the inside face of the neck of the bottle above the said bead so as to provide a suction to maintain the said member in sealing relation upon the rim of the bottle and for maintaining the lips of the slit in close relation.

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