SUMMARY

An aspect of the present invention provides an apparatus comprising:

a bottle forming an opening, the bottle having a lip extending circumferentially around the opening;

a cap configured to cover and hermetically seal the opening in the bottle, wherein the cap includes a flat top having an outer surface and an inner surface, wherein the cap further includes a side wall, wherein the outer surface of the flat top and the side walls define a recessed region of the cap; and

a tamper evident film including a perforated tear strip, wherein the perforated tear strip is positioned to overlap a portion of the recessed region.

I/We Claim:

1. An apparatus comprising:

(a) a bottle forming an opening, wherein the bottle comprises a lip extending circumferentially around the opening;

(b) a cap configured to cover and hermetically seal the opening in the bottle, wherein the cap includes a flat top having an outer surface and an inner surface, wherein the cap further includes a side wall, wherein the outer surface of the flat top and the side walls define a recessed region of the cap; and

(c) a tamper evident film including a perforated tear strip, wherein the perforated tear strip is positioned to overlap a portion of the recessed region.

2. The apparatus of claim 1, wherein at least a portion of the side walls comprise a plurality of micro knurls.

3. The apparatus of claim 1, wherein at least a portion of the side walls comprise a plurality of macro knurls.

4. The apparatus of claim 1, wherein at least a portion of the side walls comprises an alternating pattern of a first quantity of micro knurls and a second quantity of macro knurls.

5. The apparatus of claim 4, wherein the first quantity of micro knurls includes about 5-6 micro knurls for every 1 of the second quantity of macro knurls.

6. The apparatus of claim 1, wherein the recessed region extends around the circumference of the cap.

7. The apparatus of claim 1, wherein the recessed region includes markers, wherein the markers are operable to act as directional indicators for turning the cap.

8. The apparatus of claim 1, wherein the cap further comprises a gasket operable to seal the cap against the bottle.

9. The apparatus of claim 8, wherein the gasket has a disc shape operable to cover an inner portion of the flat top of the cap.

10. The apparatus of claim 1, wherein the lip has a beveled profile having a wider base and a thinner top, wherein the thinner portion of the lip is operable to engage the gasket.

11. The apparatus of claim 1, wherein the recessed region is sized to encompass a substantial portion of the surface area of the flat top.

12. The apparatus of claim 1, wherein the cap has a generally cylindrical shape and the bottle has a contoured shape with a waist extending around the circumference of the bottle.

13. An apparatus comprising:

(a) a body operable to hold a fluid; and

(b) a cap operable to engage the body and form a hermetic seal with the body, wherein the cap comprises a side wall, wherein at least a portion of the exterior of the side wall has a plurality of knurls that extend along the side wall of the cap, wherein the cap includes a recessed region having a circular shape.

14. The apparatus of claim 13, wherein the plurality of knurls comprises both micro knurls and macro knurls.

15. The apparatus of claim 14, wherein the micro knurls and the macro knurls are uniformly spaced apart along the cap.

16. The apparatus of claim 14, wherein the micro knurls and the macro knurls extend along the circumference of the cap.

17. The apparatus of claim 14, wherein the micro knurls and the macro knurls comprise ribbing that extends vertically along the side wall of the cap.

18. A bottle comprising:

(a) a body operable to hold a fluid, wherein the body defines a mouth having a beveled lip that extends around the mouth of the body;

(b) a cap operable to engage the body, wherein the cap comprises a top, wherein the top defines a recessed region, wherein the lip is operable to form a hermetic seal with the cap.

19. The bottle of claim 18, wherein the cap comprises a gasket positioned on the underside of the cap configured to engage the beveled lip.

20. The bottle of claim 18, wherein the cap comprises a portion having a plurality of micro knurls and a plurality of macro knurls.

I/We claim:

1. An apparatus comprising:

a bottle forming an opening, the bottle having a lip extending circumferentially around the opening;

a cap configured to cover and hermetically seal the opening in the bottle, wherein the cap includes a flat top having an outer surface and an inner surface, wherein the cap further includes a side wall, wherein the outer surface of the flat top and the side walls define a recessed region of the cap; and

a tamper evident film including a perforated tear strip, wherein the perforated tear strip is positioned to overlap a portion of the recessed region.

2. The apparatus of claim 1, wherein the cap is cylindrical shaped and the bottle has a contoured shape with a waist extending around the circumference of the bottle.

3. The apparatus of claim 1, wherein the recessed region extends around the circumference of the cap.

4. The apparatus of claim 1, wherein the recessed region includes markers, wherein the markers are operable to act as directional indicators for turning the cap.

5. The apparatus of claim 1, wherein at least a portion of the side walls comprise a plurality of micro knurls.

6. The apparatus of claim 1, wherein at least a portion of the side walls comprise a plurality of macro knurls.

7. The apparatus of claim 1, wherein at least a portion of the side walls comprises an alternating pattern of a first quantity of micro knurls and a second quantity of macro knurls.

8. The apparatus of claim 7, wherein the first quantity of micro knurls includes about 5 to 6 knurls for every 1 knurl of the second quantity of macro knurls.

9. The apparatus of claim 7, wherein the micro knurls and the macro knurls are uniformly spaced apart along the cap.

10. The apparatus of claim 7, wherein the micro knurls and the macro knurls comprise ribbing that extends vertically along the side wall of the cap.

11. The apparatus of claim 1, wherein the cap further comprises a gasket operable to seal the cap against the bottle.

12. The apparatus of claim 11, wherein the gasket is disc shaped and operable to cover an inner portion of the flat top of the cap.

13. The apparatus of claim 11, wherein the gasket is positioned on the inner surface of the cap, and configured to engage the beveled lip to form a hermetic seal with the cap.

14. The apparatus of claim 11, wherein the lip has a beveled profile with a wider base and a thinner top, wherein the thinner portion of the lip is operable to engage the gasket.

15. The apparatus of claim 1, wherein the recessed region is sized to encompass at least a majority of the surface area of the flat top.