CLAIMS

~~What is claimed is:~~

1. A container comprising:

(a) a bottom with a bottom surface;

(b) an external wall extending from the bottom and defining an interior cavity;

(c) a container lid comprising:

(i) a substantially u-shaped channel including an exterior lid sidewall;

(ii) a container lid undercut on an interior surface of the exterior lid sidewall; and

(iii) a ledge extending outwardly from the exterior lid sidewall substantially parallel to the bottom surface of the container, wherein the ledge is configured to facilitate removal of the container lid by a removal tool;

(d) a seal structure integrally formed with the external wall, the seal structure comprising:

(i) an inner sidewall comprising:

(1) an inner seal surface;

(2) a substantially flat outer seal surface; and

(ii) a ring bead integrally formed with the inner seal surface and extending from the inner seal surface toward an outer sidewall interior surface for engaging with ~~a corresponding structure~~the container lid undercut of ~~on a~~ the container lid; and

(e) an outer sidewall comprising:

(i) the outer sidewall interior surface;

(ii) a substantially flat outer sidewall exterior surface substantially parallel to the substantially flat outer seal surface and terminating in a container bead; ~~and~~

(iii) a top surface of the container bead substantially perpendicular to the substantially flat outer sidewall exterior surface, wherein the top surface of the container bead is configured to act as a fulcrum during removal of the container lid by the removal tool; and

(iv) a floor comprising a downward slope from the inner sidewall to the outer sidewall.

2. The container of claim 1, wherein the ring bead comprises an upper ring bead slope and a lower ring bead slope, the upper ring bead slope and lower ring bead slope culminating in a ring bead peak.

3. The container of claim 2, wherein the upper ring bead slope comprises a slope steeper than the lower ring bead slope.

4. The container of claim 1, wherein the top surface of the container bead slopes downwardly to form a protrusion extending inwardly from the outer sidewall interior surface toward the inner seal surface.

5. The container of claim 4, wherein:

the container bead comprises a bottom surface within a particular plane; and

a peak of the protrusion extending inwardly from the outer sidewall interior surface is substantially in the particular plane.

6. The container of claim 1, wherein the inner seal surface and the substantially flat outer seal surface converge at a seal surface peak.

7. The container of claim 6, wherein the seal surface peak is substantially rounded.

8. The container of claim 6, wherein the seal surface peak is substantially triangular.

9. The container of claim 6, wherein the seal surface peak is substantially rectangular.

10. The container of claim 9, wherein:

the substantially rectangular seal surface peak comprises a top surface in a specific plane; and

the top surface of the container bead is in the specific plane.

11. The container of claim 1, wherein the substantially flat outer seal surface comprises a seal ring notch for receiving a correspondingly shaped structure on the container lid.

12. The container of claim 11, wherein the seal ring notch is positioned substantially opposite the ring bead.

13. The container of claim 12, wherein the seal ring notch is substantially triangular, rectangular, or rounded.

~~14. The container of claim 1, wherein the container comprises the container lid engaged with the ring bead.~~

~~15. The container of claim 14, wherein the container lid comprises a substantially u-shaped channel comprising a container lid undercut engaged with the ring bead.~~

~~16. The container of claim 15, wherein the container lid substantially u-shaped channel comprises a seal ring engaged with a corresponding seal ring notch defined by the substantially flat outer seal surface.~~

~~17. The container of claim 15, wherein the container lid comprises a ledge.~~

~~18. The container of claim 1, wherein the container comprises:~~

~~a bottom; and~~

~~an external wall extending from the bottom and defining an interior cavity.~~

~~19. The container of claim 18, wherein the seal structure is integrally formed with the external wall.~~

~~20~~14. ~~The~~ container of claim ~~19~~1, wherein the seal structure and the ~~container~~ outer sidewall comprise plastic.

~~21~~15. The container of claim ~~18~~1, wherein ~~the container comprises a seal ring coupled to~~ the external wall includes a~~, the~~ seal ring ~~comprising the seal structure~~.

~~22~~16. The container of claim ~~21~~15, wherein the seal ring comprises:

an outer seal ring sidewall comprising a substantially arcuate portion for interfacing with a corresponding semi-circular bead of the external wall of the container; and

a generally hook-shaped aperture formed by the outer sidewall comprising an undercut surface interfacing with a latch surface formed by the external wall of the container; and

an inner seal ring sidewall forming the seal structure for sealing the interior cavity of the container with the container lid.

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