CLAIMS

What is claimed is:

1. A container, comprising:

a sidewall having a substantially circular cross-section and a container height and including:

a cylindrical upper portion having an upper height defining a circular top;

a continuously concave curved intermediate portion extending downward from the upper portion; and

a cylindrical lower portion having a lower height and extending downward from the intermediate portion, wherein the upper height and the lower height combined are in a range of from 15% to 35% of the container height; and

a bottom closing the lower portion.

2. The container of Claim 1, wherein the top is open.

3. The container of Claim 1, wherein the container is metallic.

4. The container of Claim 1, wherein:

the top has a top diameter; and

the bottom has a bottom diameter substantially equal to the top diameter.

5. The container of Claim 1, wherein:

the upper portion has an upper height; and

the lower portion has a lower height substantially equal to the upper height.

6. The container of Claim 1, wherein:

each of the upper height and lower height are at least 10% of the container height.

7. The container of Claim 1, wherein:

the upper portion is associated with a lid;

the lower portion has a base configured to receive a raised circumferential lid portion in a lid of another like container such that multiple assembled containers can be stacked on top of one another.

8. The container of Claim 1, wherein:

the container has a container height in a range of from 50 mm to 300 mm.

9. The container of Claim 8, wherein the container height is in a range of from 75 mm to 250 mm.

10. The container of Claim 1, wherein:

the bottom has a bottom diameter of from 50 mm to 200 mm.

11. The container of Claim 10, wherein the bottom diameter is from 75 mm to 175 mm.

12. The container of Claim 1, wherein:

the intermediate portion has a narrowest cross-sectional area; and

the container is vertically symmetric about the narrowest cross-sectional area.

13. The container of Claim 1, wherein:

the intermediate portion has a narrowest cross-sectional area; and

the narrowest cross-sectional area of the container has a diameter from 80% to 98% of a diameter of the bottom.

14. A pillar shaped metal can, comprising:

a circular bottom having a diameter in a range from 100 mm to 150 mm;

a sidewall having:

a lower portion extending from the circular bottom and having a lower height;

a continuously curved concave portion extending upward from the lower portion and having a concave portion height; and

an upper portion extending upward from the concave portion oppositely from the circular bottom and having an upper height and a circular opening,

wherein the lower height and upper height combined are in a range of from 20% to 50% of the concave portion height,

wherein the continuously curved concave portion has a narrowest cross-sectional area, and the container is vertically symmetrical around the narrowest cross-sectional area, wherein the narrowest cross-sectional area has a diameter in a range of from 80% to 98% of the diameter of the circular bottom, and wherein the circular top has a diameter substantially equal to the diameter of the circular bottom.

15. The can of Claim 14, wherein:

the can has a can height in a range of from 125 mm to 200 mm.

16. The can of Claim 15, wherein:

the can height is in a range of from 145 mm to 170 mm.

17. The can of Claim 14, further comprising:

a lid mounted on the upper portion, and

wherein the lower portion has a base configured to receive a raised circumferential lid portion in a lid of another like container such that multiple assembled cans can be stacked on top of one another.

18. The can of Claim 14, wherein:

the narrowest cross-sectional area has a diameter in a range from 2 mm to 20 mm less than the diameter of the circular bottom.

19. The can of Claim 14, wherein:

the narrowest cross-sectional area has a diameter in a range from 4 mm to 14 mm less than the diameter of the circular bottom.

20. The can of Claim 14, wherein:

the can has a can height; and

the lower height and upper height are each in a range from 10% to 20% of the can height.

21. The can of Claim 14, wherein:

the lower height is substantially equal to the upper height.