What is claimed is:

1. A nest comprising:

a horizontal base forming a plurality of openings; and

a plurality of tubular members extending downwardly from the horizontal base,

wherein each of the tubular members have a side wall defining a well in communication with an opening of the plurality of openings, and the side wall has a counterbore extending from the opening at an angle relative to a longitudinal axis of the tubular member, the counterbore having an inner surface defining a continuous circumference or perimeter.

2. The nest of claim 1, wherein the angle of the counterbore is about 10° to about 20° relative to the longitudinal axis of the tubular member.

3. The nest of any one of claims 1 to 2, wherein each tubular member has a substantially cylindrical portion extending downwardly from the counterbore at an angle of about 0.25° to about 2° relative to the longitudinal axis of the tubular member.

4. The nest of any one of claims 1 to 3, wherein each tubular member includes at least one bottom wall extending laterally from a bottom portion of the side wall.

5. The nest of claim 4, wherein the at least one bottom wall includes a plurality of bottom walls formed by a circular central opening and a plurality of extension cutouts, wherein each of the extension cutouts includes a curved lateral side that approximates a curvature of the inner surface of the side wall.

6. The nest of claim 4, wherein, for each of the tubular members, an entirety of an inner surface of the side wall is devoid of ribs between the opening and the at least one bottom wall.

7. A system comprising:

a plurality of containers enclosing a medical or cosmetic substance;

the nest of claim 1 receiving the plurality of containers in the plurality of tubular members; and

a tub receiving the nest.

8. A nest comprising:

a horizontal base forming a plurality of openings; and

a plurality of tubular members extending downwardly from the horizontal base,

wherein each of the tubular members have a side wall defining a well in communication with an opening of the plurality of openings, and the side wall has an inner surface with an upper portion defined by a series of radii of curvature providing a continuously curved surface extending from the opening and reducing a diameter of the well.

9. The nest of claim 8, wherein the series of radii of curvature includes a first radius of curvature, a second radius of curvature, and a third radius of curvature.

10. The nest of claim 9, wherein the first radius of curvature defines a convex first portion of an inner surface of the side wall, the second radius of curvature defines a concave second portion of the inner surface of the side wall, and the third radius of curvature defines a convex third portion of the inner surface of the side wall.

11. The nest of any one of claims 8 to 10, wherein each tubular member has a substantially cylindrical portion extending downwardly from the upper portion at an angle of about 0.25° to about 2° relative to a longitudinal axis of the tubular member.

12. The nest of claim 11, wherein the substantially cylindrical portion has an inner surface defining a continuous circumference or perimeter.

13. The nest of any one of claims 8 to 12, wherein each tubular member includes at least one bottom wall extending laterally from a bottom portion of the side wall.

14. The nest of claim 13, wherein the at least one bottom wall includes a plurality of bottom walls formed by a circular central opening and a plurality of extension cutouts, wherein each of the extension cutouts includes a curved lateral side that approximates a curvature of the inner surface.

15. The nest of claim 13, wherein, for each of the tubular members, an entirety of the inner surface of the side wall is devoid of ribs between the opening and the at least one bottom wall.

16. A system comprising:

a plurality of containers enclosing a medical or cosmetic substance;

the nest of any one of claims 8 to 15 receiving the plurality of containers in the plurality of tubular members; and

a tub receiving the nest.