The invention relates to a jar and closure of special design. More specially the invention relates to a closure cap for a jar having a substantially spherical surface surrounding the opening therein.

Fig. 1 is a face view of my new cap-and-jar unit, in fitted position. The jar rim is inverted into a vise-type section of the cap between an inner screw closure and outer cover which curves to the jar roundness, numeral 1 showing the same spherical curvature.

Fig. 2 is the top view of the cap and jar, numerals 2 and 2A showing the spherical shape of the unit.

Fig. 3, numeral 1A is the same curvature as shown in Figure 1, numeral 1. Numeral 5 is the part of the jar cover which extends over the outer lip of the jar, completing the double grip closure of the cap, which holds the jar lip in vise-type spill-proof security. Numerals 6 and 6A show the metal prongs on the inner curvature of the cap as a part thereof, and around these prongs, numeral 7, shows a plastic filler which affixes the outer cap and its threaded core. Numerals 8, 3A and 4A show the thread positive in closed position. These threads are formed as shown so that when turning the cap to the right hand it screws into the lip of the jar which is the thread negative as indicated in numerals 3, 4 and 5A. When the cap is screwed into its closed position onto the jar, the lip is held in double vise grip spill-proof position as the cap and jar unit. Numeral 9 indicates the roundness of the jar. Fig. 4 shows the jar cap in full line of the under cover view. Numeral 11 is the thread core. Numeral 10 shows the positive screw threads thereon. Numeral 10A shows the outer cover curvature which extends over the jar when the two units are fitted together in compleion as the unit.

I claim the invention of:

1. A receptacle for cosmetics, pharmaceuticals and the like comprising a hollow body member the upper portion of which is of substantially spherical external surface configuration and is provided with an opening therethrough the walls of which opening are formed with an internal screw thread, and a closure member comprising a plug portion having an external screw thread receivable within said opening complementary to said internal screw thread and a skirt portion symmetrically arranged with respect to the thread axis of said plug portion, the undersurface of said skirt portion being of spherical configuration conformant to the external spherical surface of said body member and adapted to overlie, bind and seal upon said external spherical surface when assembled therewith.

2. A receptacle for cosmetics, pharmaceuticals and the like comprising a hollow body member the upper portion of which is of substantially spherical external surface configuration and is provided with an opening therethrough the walls of which opening are formed with an internal screw thread, and a closure member comprising a plug portion having an external screw thread receivable within said opening complementary to said internal screw thread and a thin skirt portion symmetrically arranged with respect to the thread axis of said plug portion, said skirt portion being of spherical curvature conformant to the external spherical surface of said body member and adapted to seal thereupon when overlying same under the threaded assembly of said plug portion with said body member.

3. A receptacle for cosmetics, pharmaceuticals and the like comprising a hollow body member the upper portion of which is of substantially spherical external surface configuration and is provided with an opening therethrough the walls of which opening are formed with an internal screw thread, and a closure member comprising a plug portion having an external screw thread receivable within said opening complementary to said internal screw thread and a skirt portion concentrically encircling said threaded plug portion, the internal surface of which skirt portion is of spherical configuration complementary to said spherical surface of the body member and so arranged as to seat thereon, constrictively, when said plug portion is forceably threaded into said body member.

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