Claims

1. A food storage container comprising:

a tubular metal can body having one end for attachment of a removable overcap, the can body having an inwardly projecting flange formed therein by folding the can wall circumferentially, part-way along its length, the flange providing a convex upper surface; and

a peelable lid, the peelable lid being sealed to the convex upper surface of the flange around the entire surface~~circumference~~ of the can solely using a heat sealable material.

2. A food storage container as claimed in claim 1, wherein the convex upper surface is domed.

3. A food storage container as claimed in claim 1 or 2, wherein the flange extends radially into the can by between 1 mm and 10 mm for 100 mm diameter can bodies, the radial extent being scaled linearly according to increase in diameter.

4. A food storage container as claimed in any one of the preceding claims, wherein the height of the convex upper surface from its topmost point to its bottommost point is up to half its radial extent.

5. A food storage container as claimed in any one of the preceding claims, wherein the upper surface of the flange is continuously convex across its radial extent.

~~6. A food storage container as claimed in any one of the preceding claims, wherein the peelable lid is sealed to the convex upper surface of the flange by a heat-sealable material.~~

67. A food storage container as claimed in any one of the preceding claims, wherein the peelable lid is a multilayer~~multi-layer~~ structure which includes a metal layer.

78. A food storage container as claimed in any one of the preceding claims, wherein the food storage container further comprises a non-removable can bottom attached to the lower end of the tubular metal can body.

89. A food storage container as claimed in any one of the preceding claims, wherein the food storage container further comprises a removable overcap attached to the upper end of the tubular metal can body.