Claims

1. An article container comprising:

a first container structure; and

a second container structure, each of the first container structure and the second container structure comprising:

a base;

a rim structure ~~defining~~ having a trough defined therein;

a sidewall extending from the base and terminating at the rim structure, the rim structure being formed substantially parallel a first plane, the base and the sidewall defining a cavity wherewithin at least a portion of an article is receivable, the rim structure of the first container structure is for mating with the rim structure of the second container structure for enclosing the article receivable in the cavity of at least one thereof; ~~and~~

a rib shaped and dimensioned for being received by the trough, the rib protruding from the rim structure~~,~~; and

a channel extending adjacent the rib and the trough thereof, the channel of the first container structure being adaptable for locating a seal thereto such that when rim structure of the first container structure is mated to the rim structure of the second container structure, the rim structure is positioned between the channel of the first container structure and the channel of the second container structure to form a sealed enclosure between the first container structure and the second container structure,

wherein ~~the rim structure of the first container structure is for mating with the rim structure of the second container structure for enclosing the article receivable in the cavity of at least one thereof~~, the rib of one of the first container structure and the second container structure being shaped and dimensioned for being received by the trough of the other of the first container structure and the second container structure, the trough of the first container structure substantially dimension and shape matches the trough of the second container structure to substantially impede spatial displacement of the second container structure along the first plane when the rim structure of the second container structure is mated with the rim structure of the first container structure.

2. The article container as in claim 1, the first plane defining a second plane perpendicular thereto, the second plane segregating the rim structure of each of the first container structure and the second container structure into a first segment and a second segment, the rib extending from the first segment and the trough being defined along the second segment of each of the first container structure and the second container structure.

3. The article container as in claim 2, each of the extremities of the rib of the rim structure being adjacent one of the extremities of the trough of the rim structure of each of the first container structure and the second container structure.

4. The article container as in claim 2, the first segment being symmetrical to the second segment about the second plane for each of the first container structure and the second container structure.

5. The article container as in claim 2, the cross-section of the rib along the first plane and the cross-section of the trough along the first plane being symmetrical about the second plane for each of the first container structure and the second container structure.

6. The article container as in claim 1, the base and the sidewall of each of the first container structure and the second container structure forming a polymeric shell.

7. The article container as in claim 1, the height of the rib extending from the rim structure of the first container structure being less than the depth of the trough defined in the rim structure of the second container structure.

~~8. The article container as in claim 1, each of the first container structure and the second container structure further comprising a channel extending adjacent the rib and the trough thereof, the channel of the first container structure being adaptable for locating a seal thereto such that when rim structure of the first container structure is mated to the rim structure of the second container structure, the rim structure is positioned between the channel of the first container structure and the channel of the second container structure to form a sealed enclosure between the first container structure and the second container structure.~~

8~~9~~. The article container as in claim 1, further comprising at least one coupling means adaptable for coupling the rim structure of the first container structure to the rim structure of the second container structure.

9~~10~~. A container structure comprising:

a base;

a rim structure ~~defining~~ having a trough defined therein;

a sidewall extending from the base and terminating at the rim structure, the rim structure being formed substantially along a first plane; ~~and~~

a rib shaped and dimensioned for being received by the trough, the rib protruding from the rim structure, the base and the sidewall defines a cavity wherewithin at least a portion of an article is receivable, the rim structure is for mating with a cover structure for enclosing the article received in the cavity; and

a channel extending adjacent the rib and the trough, the channel being adaptable for locating a seal thereto such that when rim structure is mated with the cover structure, the cover structure, base and sidewall forms a sealed enclosure,

wherein ~~the base and the sidewall defines a cavity wherewithin at least a portion of an article is receivable, the rim structure is for mating with a cover structure for enclosing the article received in the cavity,~~ the cover structure ~~having~~ has a rib shaped and dimensioned for being received by the trough of the rim structure, and a trough for receiving the rib of the rim structure, the trough of the rim structure substantially dimension and shape matches the trough of the cover structure to substantially impede spatial displacement of the cover structure along the first plane when the cover structure is mated with the rim structure.

10~~1~~. The container structure as in claim 9~~10~~, the first plane defining a second plane perpendicular thereto, the second plane segregating the rim structure into a first segment and a second segment, the rib extending from the first segment and the trough being defined along the second segment.

11~~2~~. The container structure as in claim 10~~11~~, each of the extremities of the rib of the rim structure being adjacent one of the extremities of the trough of the rim structure.

12~~3~~. The container structure as in claim 10~~1~~, the first segment being symmetrical to the second segment about the second plane.

13~~4~~. The container structure as in claim 10~~1~~, the cross-section of the rib along the first plane and the cross-section of the trough along the first plane being symmetrical about the second plane.

14~~5~~. The container structure as in claim 9~~10~~, the base and the sidewall forming a polymeric shell.

15~~6~~. The container structure as in claim 9~~10~~, the height of the rib of the rim structure being less than the depth of the trough of the cover structure.

~~17. The container structure as in claim 10, further comprising a channel extending adjacent the rib and the trough, the channel being adaptable for locating a seal thereto such that when rim structure is mated with the cover structure, the cover structure, base and sidewall forms a sealed enclosure.~~

16~~8~~. The container structure as in claim 11~~0~~, further comprising at least one coupling means operable for coupling the rim structure with the cover structure.