Claims

1. A food receptacle comprising:

a tray adapted to ~~hold~~ contain food, wherein the tray comprises a base having a perimeter, a tray perimeter wall surrounding the base along the perimeter of the base, wherein the tray perimeter wall comprises a rim extending along a plane;

a lid ~~adapted to cover the tray~~comprising a lid top having a perimeter wherein the lid top is adapted to cover the tray, a lid peripheral wall surrounding the lid top along the perimeter of the lid top, wherein the lid top is adapted to contact the rim completely when the lid top covers the tray;

a locking mechanism adapted to lock the lid onto the tray, the locking mechanism comprising,

an engaging portion formed on the lid peripheral wall,

a protrusion extending from the tray perimeter wall,

the protrusion switchable between a locking configuration to engage the engaging portion on the lid and an unlocking configuration to disengage the protrusion from the engaging portion of the tray,

and an actuating element connected to the protrusion, wherein the actuating element extends from the tray perimeter wall inwards the tray, wherein the actuating element is adapted to be actuated by the lid to actuate the protrusion into the locking position when the lid covers the tray.

~~2. The food receptacle of claim 1, wherein the actuating element is pivotally connected to the tray.~~

~~3. The food receptacle of claim 1 or 2, wherein the tray comprises a base having a perimeter, a tray perimeter wall surrounding the base along the perimeter of the base, wherein the actuating element extends from a tray wall portion of the tray perimeter wall inwards the tray.~~

~~4. The food receptacle of claim 3, wherein the protrusion extends from the tray wall portion of the tray perimeter wall.~~

~~5. The food receptacle of any one of claims 1 to 4, wherein the actuating element and the protrusion are adapted to rotate relative to the tray wall portion.~~

~~6. The food receptacle of claim 5, wherein the actuating element and the protrusion are rotatable about a top edge of the tray wall portion, the top edge being opposite a bottom edge of the tray wall portion wherein the tray wall portion is connected to the base along the bottom edge.~~

~~7. The food receptacle of any one of claims 3 to 6, wherein the tray wall portion forms an obtuse angle with the base.~~

~~8~~2. The food receptacle of ~~any one of~~ claim~~s 3~~ 1~~to 7~~, wherein the tray perimeter wall further comprises a first side wall portion having a first top edge; ~~and~~ a second side wall portion opposite the first side wall portion, the second side wall portion having a second top edge~~, ~~; ~~wherein the tray wall portion~~ a front wall portion ~~is~~ disposed between and connected to the first side wall portion and the second side wall portion, wherein the front wall portion comprises a top edge; wherein the first top edge, the second top edge and the top edge extend along a plane.

~~9~~3. The food receptacle of ~~any one of~~ claim~~s 1 to 8~~2, wherein ~~the lid comprises a lid top having a perimeter wherein the lid top is adapted to cover the tray, a lid peripheral wall surrounding the lid top along the perimeter of the lid top, the lid peripheral wall having a lid wall portion, wherein the engaging portion is formed on the lid wall portion~~ the front wall portion, the first side wall portion and the second side wall portion are at the same height from the base wherein the first top edge, the second top edge and the top edge are of the same distance from the base.

4. The food receptacle of claim 2 or 3, wherein the front wall portion, the first side wall portion and the second side wall portion contact the lid top when the lid covers the tray.

~~10~~5. The food receptacle of any one of claims 2 to ~~4~~9, wherein ~~the top edge of the tray wall portion is adapted to contact the lid top of the lid when the lid covers the tray.~~the lid peripheral wall comprises a first side lid wall portion; a second side lid wall portion opposite the first side lid wall portion; a front lid wall portion between and connected to the first side wall portion and the second side wall portion; wherein the front lid wall portion, the first side lid wall portion, and the second side lid wall portion, each comprises a connecting edge connecting each of them to the lid top, wherein the top edge of the front wall portion, the first top edge of the first side wall portion and the second top edge of the second side wall portion are abutted against the connecting edge of the front lid wall portion, the connecting edge of the first side lid portion and the connecting edge of the second side lid portion respectively when the lid covers the tray.

~~11. The food receptacle of claim 9 or 10, wherein the top edge of the tray wall portion contacts a portion of the perimeter of the lid top when the lid covers the tray, wherein the portion of the perimeter being between the lid top and the lid wall portion.~~

~~12. The food receptacle of any one of claims 9 to 11, wherein the lid wall portion comprises a connecting edge connecting the lid wall portion to the lid top, a leading edge opposite the connecting edge, wherein the lid wall portion forms an obtuse angle with the lid top.~~

6. The food receptacle of any one of claims 2 to 5, wherein the front wall portion forms an obtuse angle with the base when the lid covers the tray.

~~13~~7. The food receptacle of claim 5 or ~~12~~6, wherein the front lid wall portion overlaps the ~~tray~~ front wall portion when the lid covers the tray.

~~14~~8. The food receptacle of any one of claims 1 to ~~13~~7, wherein the lid is pivotally connected to the tray.

~~15~~9. The food receptacle of any one of claims 1 to ~~14~~8, wherein the tray perimeter wall comprises a rear wall portion opposite the ~~tray~~ front wall portion, the rear wall portion connected to and between the first side wall portion and the second side wall portion wherein the lid top is connected to the rear wall portion.

10. The food receptacle of claim 9, wherein the rear wall portion comprises a top edge, wherein the top edge of the front wall portion, the top edge of the rear wall portion, the top edge of the first side wall portion and the top edge of the second side wall portion extends along a plane.

~~16. The food receptacle of any one of claims 1 to 15, wherein the protrusion comprises a tongue.~~

~~17. The food receptacle of any one of claims 1 to 16, wherein the engaging portion comprises a slot.~~ 11. The food receptacle of any one of claims 2 to 10, wherein the

protrusion and actuating element are pivotally connected to the front wall portion of the tray perimeter wall and adapted to rotate relative thereto, the protrusion extends parallelly to the actuating element, wherein in the locking configuration, the actuating element is in contact with the lid top and the protrusion and actuating element are parallel to the base of the tray.