I/We Claim:

1. A blade assembly (204) for a mixer, the blade assembly (204) comprising:

a blade (218),

a snap member (206) disposed on the blade (218), the snap member (206) having a plurality of flanges (308), wherein each of the plurality of flanges (308) has a projection (408) to snap fit with a spindle (202) of a jar assembly (200) of the mixer;

a push member (208) disposed on the snap member (206), the push member (208) having a substantially cylindrical body with a closed end (214) and a tapered outer rim (216) on an end opposite to the closed end (214), wherein the tapered outer rim (216) is disposed over a complimentarily tapered edge (406) of the flanges (308) of the snap member (206); and

a cover (210) housing the snap member (206) and the push member (208), wherein the cover (210) is coupled to the blade (218).

2. The blade assembly (204) as claimed in claim 1, wherein the snap member (206) comprises a base plate (504), wherein the flanges (308) are disposed on the base plate (504) and a support (502) is provided on the base plate (504) for each flange (308).

3. The blade assembly (204) as claimed in claim 1, wherein the push member (208) is adapted to slide down along an inner side of the flanges (308) of the snap member (206) on application of a downward force on the closed end (214) of the push member (208) to cause the flanges (308) of the snap member (206) to deflect radially outwards.

4. The blade assembly (204) as claimed in claim 1, wherein the cover (210) comprises a fastening platform (300) to couple the cover (210) to the blade (218) using fasteners.

5. The blade assembly (204) as claimed in claim 1, wherein the cover (210) comprises:

a first portion (402) to house the snap member (206) and the tapered outer rim (216) of the push member (208); and

a second portion (404) to house the substantially cylindrical body of the push member (208),

wherein an internal diameter of the first portion (402) of the cover (210) is greater than an internal diameter of the second portion (404) of the cover (210) to allow the flanges (308) of the snap member (206) to deflect outwards on application of a force.

6. The blade assembly (204) as claimed in claim 5, wherein the cover (210) has a disc (304) at one end of the second portion (404) and a neck formed in the second portion (404) below the disc (304).

7. The blade assembly (204) as claimed in claim 5, wherein the outer rim (216) of the push member (208) abuts an internal edge (410) of the cover (210) between the first portion (402) and the second portion (404).

8. The blade assembly (204) as claimed in claim 5, wherein the closed end (214) of the push member (208) protrudes out of the second portion (404) of the cover (210).

9. A mixer comprising:

a jar assembly (200), the jar assembly (200) comprising a base assembly (220) and a jar (118), the base assembly (220) comprising:

a jar base (126); and

a spindle (202) coupled to the jar base (126), wherein the spindle (202) has a first end (212) and a lower body (414), and wherein the lower body (414) has a circumferential groove (412); and

a blade assembly (204) comprising:

a blade (218);

a snap member (206) disposed on the blade (218), the snap member (206) having a projection (408) to snap fit with the circumferential groove (412) of the spindle (202);

a push member (208) disposed on the snap member (206), wherein the push member (208) is adapted to slide down along an inner side of the snap member (206) on application of a downward force on the push member (208) to cause the snap member (206) to expand and release the snap fit; and

a cover (210) housing the snap member (206) and the push member (208), wherein the cover (210) is coupled to the blade (218).

10. The mixer as claimed in claim 9, wherein the cover (210) comprises:

a first portion (402) to house the snap member (206) and an outer rim (216) of the push member (208); and

a second portion (404) to house a substantially cylindrical body of the push member (206),

wherein an internal diameter of the first portion (402) of the cover (210) is greater than an internal diameter of the second portion (404) of the cover (210) to allow the snap member (206) to expand on application of a force.

11. The mixer as claimed in claim 9, wherein the lower body (414) of the spindle has a greater diameter than the first end (212) to cause the snap member (206) to expand and snap fit with the spindle (202) when the blade assembly (204) is to be coupled to the spindle (202).

12. The mixer as claimed in claim 9, wherein at least a part of the first end (212) of the spindle (202) fits in the push member (206) and at least a part of the lower body (414) fits in the snap member (208) when the blade assembly (204) is snap fitted to the spindle (202).

13. The mixer as claimed in claim 9, wherein the snap member (206) has a segmented body comprising a plurality of flanges (308) and a base plate (504) on which the plurality of flanges (308) is disposed.

14. The mixer as claimed in claim 9, wherein the push member (208) has a substantially cylindrical body with a closed end (214) and a tapered outer rim (216) on an end opposite to the closed end (214), wherein the tapered outer rim (216) is disposed over a complimentarily tapered edge (406) of the snap member and abuts an internal edge (410) of the cover.

15. The mixer as claimed in claim 9, wherein the snap member (206) is made of resilient elastic material.