user's hand cannot reach for cleaning, thereby giving an opportunity for microbial growth and infection. Also, in case the user attempts to change the blade assembly with bare hands accidents may happen since the blades have sharp edges.

SUMMARY OF THE INVENTION

[004A] In accordance with an aspect of the disclosure, there is provided a blade assembly for a mixer. The blade assembly can include a blade, a snap member, a push member and a cover. The snap member can be disposed on the blade, the snap member having a plurality of flanges, wherein each of the plurality of flanges has a projection to snap fit with a spindle of a jar assembly of the mixer. The push member can be disposed on the snap member, the push member having a substantially cylindrical body with a closed end and a tapered outer rim on an end opposite to the closed end, wherein the tapered outer rim is disposed over a complimentarily tapered edge of the flanges of the snap member. The cover can house the snap member and the push member, wherein the cover is coupled to the blade.

[004B] In accordance with an aspect of the disclosure, there is provided a mixer. The mixer can include a jar assembly, the jar assembly including a base assembly and a jar. The base assembly can include a jar base and a spindle coupled to the jar base, wherein the spindle has a first end and a lower body, and wherein the lower body has a circumferential groove. The base assembly can further include a blade, a snap member disposed on the blade, the snap member having a projection to snap fit with the circumferential groove of the spindle, a push member disposed on the snap member, wherein the push member is adapted to slide down along an inner side of the snap member on application of a downward force on the push member to cause the snap member to expand and release the snap fit, and a cover housing the snap member and the push member, wherein the cover is coupled to the blade.

BRIEF DESCRIPTION OF DRAWINGS

[005] The detailed description is described with reference to the accompanying figures. In the figures, the left-most digits of a reference number identify the figure in which the reference number first appears. The same numbers are used throughout the drawings to reference like features and components.

[006] Fig. 1a illustrates a motor unit of a mixer as known in the prior art;

[007] Fig. 1b illustrates a jar assembly fitted with a blade assembly as known in the prior art;

[008] Fig. 2a illustrates a cross sectional view of a jar assembly coupled with the blade assembly, in accordance with an embodiment of the present disclosure;

[009] Fig. 2b illustrates a cross sectional view of the jar assembly depicting decoupling of the blade assembly from the jar assembly, in accordance with an embodiment of the present disclosure;

[0010] Fig. 3 illustrates an exploded view of a base assembly of a jar assembly and the blade assembly, in accordance with an embodiment of the present disclosure;

[0011] Fig. 4a illustrates a cross sectional view of a blade assembly, in accordance with an embodiment of the present disclosure;

[0012] Fig. 4b illustrates a cross sectional view depicting a blade assembly fitted to a spindle, in accordance with an embodiment of the present disclosure; and

[0013] Fig. 5 illustrates a perspective view of a snap member of the blade assembly, in accordance with an embodiment of the present disclosure.

[0014] Fig. 6 illustrates a perspective view of a cover of the blade assembly, in accordance with an embodiment of the present disclosure.