What is claimed is:

1. A disposable container for a fluid which comprises:

a deformable, foldable bag of flexible material defining a bag volume and having a first surface and an opposite facing second surface, wherein portions of said first and second surface are welded together to form at least one seal in the form of a wall separating a fluid-receiving region in said bag volume from one or more non-fluid receiving regions in said bag volume,

one or more inlets in said container in fluid communication with said fluid-receiving region,

one or more outlets in said container in fluid communication with said fluid-receiving region,

an impeller assembly mounted at least partially within said fluid-receiving region of said deformable, foldable bag,

wherein said one or more non-fluid receiving regions is triangular shaped such that said fluid-receiving region is tapered towards the one or more outlets.

2. The disposable container of claim 1, wherein said impeller assembly is magnetically driven.
3. The disposable container of claim 1, wherein said impeller assembly is mounted near said one or more outlets.
4. The disposable container of claim 1, wherein said flexible material comprises two sheets of material joined together in sealing relation to form a 2D bag.
5. The disposable container of claim 1, wherein said impeller assembly comprises a movable blade and a protective hood surrounding a portion of said movable blade.

6. The disposable container of claim 1, wherein said deformable, foldable bag has a first edge, a second edge opposite said first edge, a third edge and a fourth edge opposite said third edge, and wherein said at least one seal intersects said first and third edges.