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(71) Applicant (for all designated States except US): **MILLIPORE CORPORATION** [US/US]; 290 Concord Road, Billerica, MA 01821 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MARTIN, Morrissey** [US/US]; c/o Millipore Corporation, 290 Concord Road, Billerica, MA 01821 (US). **DAVID, Decoste** [US/

US]; c/o Millipore Corporation, 290 Concord Road, Billerica, MA 01821 (US).

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(54) Title: DISPOSABLE VORTEX BREAKER

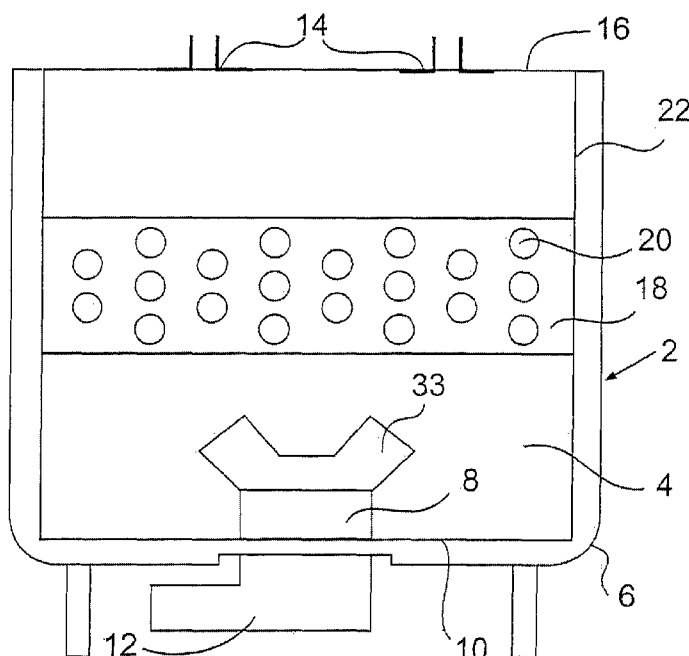


Figure 1

(57) Abstract: The present invention consists of a closed presterilized bag (4) having a disposable mixing element (8) within it a drive mechanism (12) outside of the bag for rotating the mixing element without voiding sterility and a vortex breaker (18) in the form of one or more plastic sheet materials that are attached to various inner surfaces of the bag and disrupt the formation of vortices within the bag. Preferably the sheet (s) are formed of the same material as the bag and are sealed to the bag surfaces. More preferably, the sheet (s) extend across a diameter of the bag. Most preferably, the sheet (s) are perforated with one or more slits or openings (20) to allow for good flow and mixing without a vortex being formed.



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