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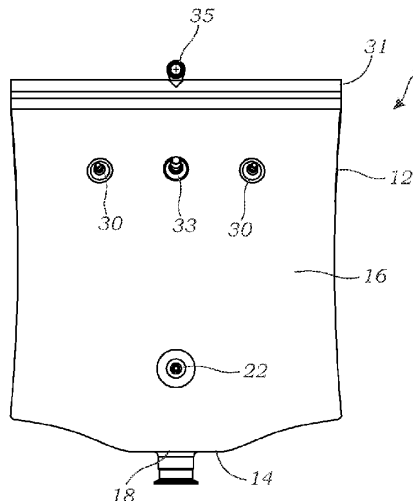


FIG. 1A

(57) Abstract: A single-use fluid container includes a flexible bag having a bottom surface and one or more side surfaces. A port or aperture is formed in the bottom surface of the flexible bag that serves as an inlet port to a multi-outlet pump that is fluidically coupled to the flexible bag. The flexible bag includes one or more return ports disposed in one or more side surfaces and/or bottom surface of the flexible bag, the one or more return ports having a valve therein. One or more of the outlets of the pump are connected to conduit or tubing that also connect to one or more of the return ports. Fluid contained in the flexible bag can then be recirculated back into the flexible bag for mixing and/or agitation. Optional sparger ports may be provided for the addition of a sparging gas.

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