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(54) Title: MIXER FOR PARTICLE SUSPENSIONS INSIDE BAGS

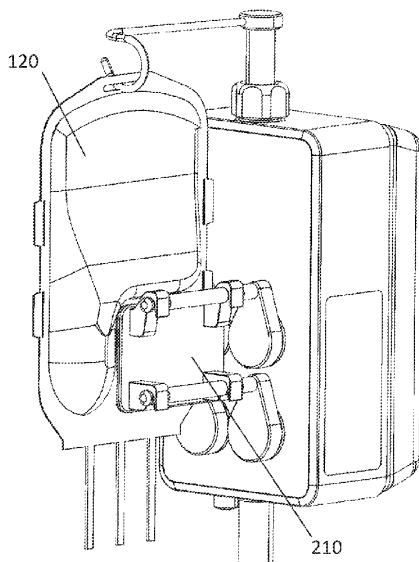


Figure 2h.

(57) Abstract: A mixing technique and associated device design that creates fluid flow within a fluid bag which reduces accumulation of particles which may settle out of suspension. The mixer system supports a flexible bag holding fluid for mixing to engage with a paddle mechanism positioned so that the paddle or paddles are arranged to engage with a portion of the flexible bag proximate a bottom edge and only extending partially across the bag. Actuating the paddle mechanism to perform repeated displacement and release cycles creates a recirculating flow of fluid within the bag.

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