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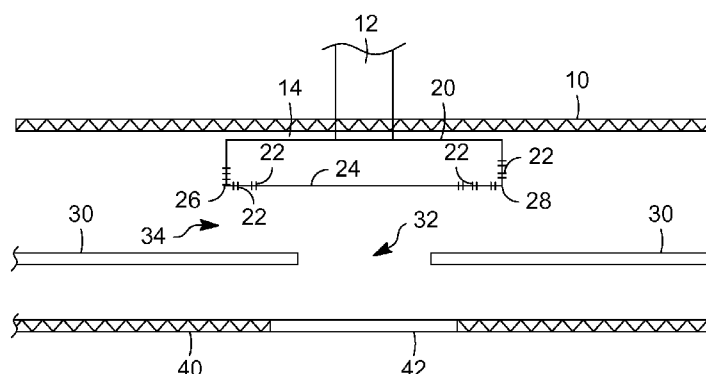


FIG. 1

(57) Abstract: An apparatus is presented for the mixing of a feed fluid with a process fluid between two adsorbent beds. The apparatus creates a space for mixing and redistributing a fluid mixture between the two adsorbent beds, where a process fluid is received from the upper adsorbent bed, and a distributor box passes the feed fluid to space between the adsorbent beds and mixes the feed fluid with the process fluid. The mixture is then redistributed and passed through to the lower adsorbent bed.

