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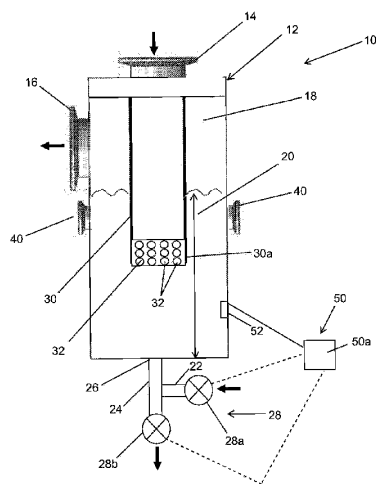


FIG. 2

(57) Abstract: A liquid filter apparatus for gas/solid separation includes a housing with a filter chamber, a semiconductor process gas inlet, and a process gas outlet. The filter chamber forms a liquid reservoir, and the semiconductor process gas inlet and the process gas outlet are in communication with the filter chamber. The housing further includes a filter liquid inlet and a filter liquid outlet, which are in communication with the liquid reservoir for delivering and removing filter fluid, respectively, to and from the liquid reservoir.

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