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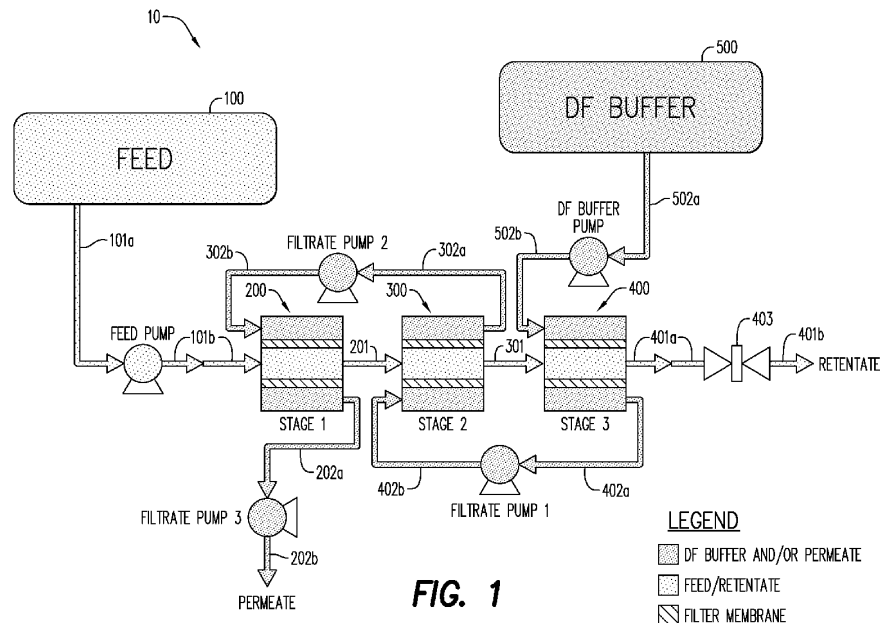


FIG. 1

(57) Abstract: Systems and methods for single-pass, countercurrent diafiltration of a fluid feed are provided. The systems and methods operate to reduce impact on the biologic product, reduce use of diafiltration buffer and reduce equipment size compared to traditional systems.

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