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(71) Applicant: ENTEGRIS, INC. [US/US]; 129 Concord Road, Billerica, Massachusetts 01821 (US).

(72) Inventors: WOO, Maybelle; 154 Dale Street, Dedham, Massachusetts 02026 (US). JABER, Jad A.; 2 Kayla Drive, Westford, Massachusetts 01886 (US). LY, Saksatha; 154 Maple Street, Lexington, Massachusetts 02420 (US). TOWNLEY, Jeffrey E.; 206 South Row Road, Townsend, Massachusetts 01469 (US). HAMZIK, James; 172 Polard Street, North Billerica, Massachusetts 01862 (US).

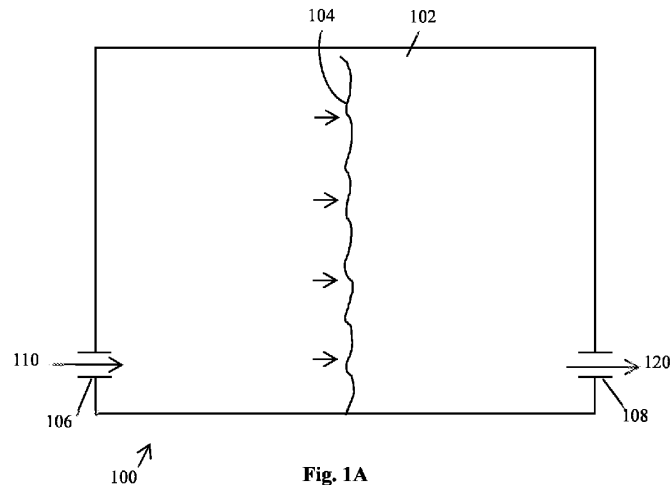
BREWSTER, Justin; 147 Rangeway Road, Apartment 3104, North Billerica, Massachusetts 01862 (US).

(74) Agent: AMICI, Robert M.; ENTEGRIS, INC., 129 Concord Road, Billerica, Massachusetts 01821 (US).

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(54) Title: ION-EXCHANGE MEMBRANES, FILTERS, AND METHODS



(57) Abstract: Described are ion-exchange membranes that include a porous polymeric membrane and imidazole ion-exchange groups at surfaces of the membrane; ion-exchange membranes and filters that contain the ion-exchange membranes; and methods of using the ion-exchange membranes and filters for separating charged biological molecule from a liquid.

[Continued on next page]

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