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(71) Applicant (for all designated States except US): **MIOX CORPORATION** [US/US]; 5601 Balloon Fiesta Parkway NE, Albuquerque, NM 87113 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SANCHEZ, Justin** [US/US]; 9713 Camino Del Sol NE, Albuquerque, NM 87111 (US). **SCHWARZ, Kevin** [US/US]; 1000 Brazos

Court SE, Albuquerque, NM 87123 (US). **HERRINGTON, Rodney, E.** [US/US]; 8631 Glenridge Place NE, Albuquerque, NM 87114 (US).

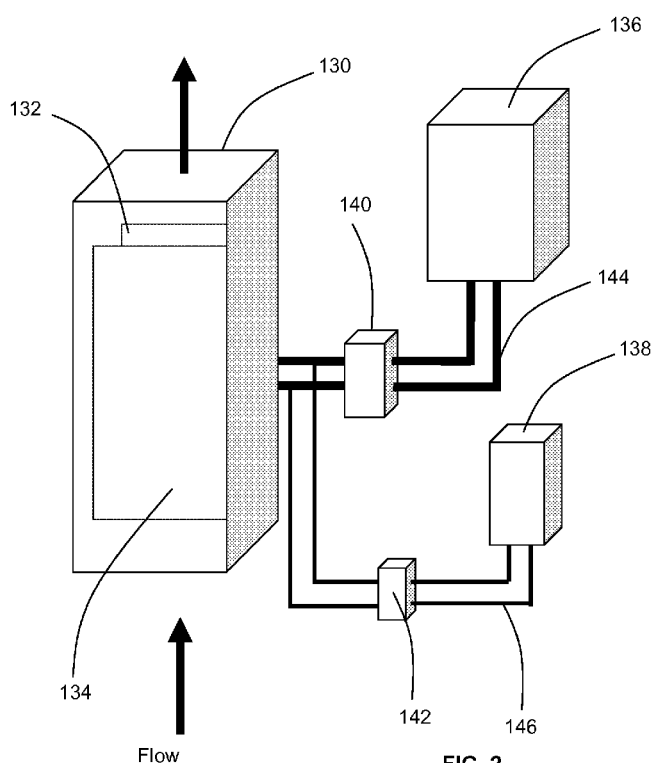
(74) Agent: **ASKENAZY, Philip, D.**; Peacock Myers, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

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(54) Title: REVERSE POLARITY CLEANING AND ELECTRONIC FLOW CONTROL SYSTEMS FOR LOW INTERVENTION ELECTROLYTIC CHEMICAL GENERATORS



(57) Abstract: Method and apparatus for a low maintenance, high reliability on-site electrolytic generator incorporating automatic cell monitoring for contaminant film buildup, as well as automatically removing or cleaning the contaminant film. This method and apparatus preferably does not require human intervention to clean. For high current density cells, cleaning is preferably performed by reversing the polarity of the electrodes and applying a lower current density to the electrodes. A second lower current density power supply may be used for reverse polarity cleaning. Electrolyte flow is preferably monitored and automatically adjusted.



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