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(54) Title: METHODS AND DEVICES RELATED TO A REGULATED FLOW ELECTROPORATION CHAMBER

(57) Abstract: The electroporation chamber and its related devices combine the features of an electroporation chamber that acts as a manifold for regulation of sample flow with those of a flow electroporation device to form a regulated flow electroporation device. The invention further comprises a novel regulated flow electroporation chamber that enables conditions in which a sample is uniformly processed in individual fractions or volumes in a fully closed (sterile) system.