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(54) Title: SYSTEMS FOR ELECTROPORATION

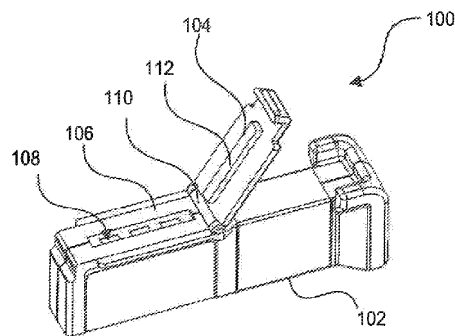


FIG. 2

(57) Abstract: Electroporation systems and methods are provided that include a processing assembly including a housing, a lid rotatably connectable to the housing, an opening in a top surface of the housing, an electroporation chamber below the opening in the housing, wherein the electroporation chamber comprises (i) two or more electrodes coated with an electrically conductive, non-cytotoxic material, and (ii) a gasket forming the shape of the electroporation chamber and defining the volume of one or more wells within the electroporation chamber. The system may include a docking station, the docking station comprising, a housing, a port in the housing configured to receive the processing assembly, a lid connected to the housing, one or more contacts configured to connect the docking station to an electroporation system housing.

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