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(54) **Title:** SYSTEMS AND METHODS FOR IMPLEMENTING HIGH-TEMPERATURE TOLERANT SUPERCAPACITORS

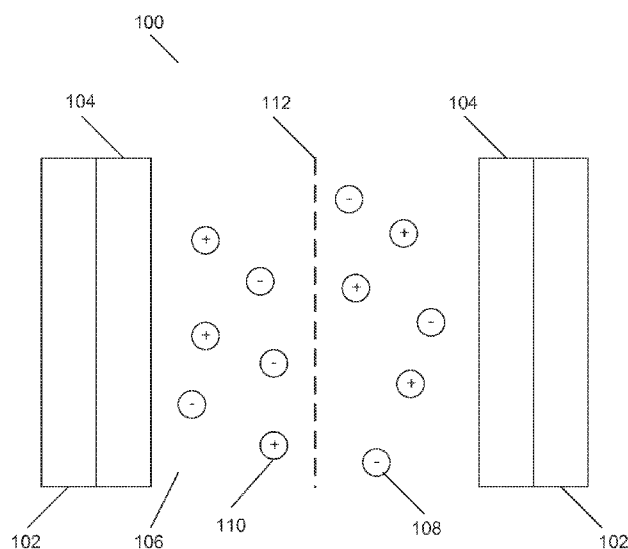


FIG. 1A

(57) **Abstract:** Systems and methods in accordance with embodiments of the invention implement high-temperature tolerant supercapacitors. In one embodiment, a high-temperature tolerant super capacitor includes a first electrode that is thermally stable between at least approximately 80°C and approximately 300°C; a second electrode that is thermally stable between at least approximately 80°C and approximately 300°C; an ionically conductive separator that is thermally stable between at least approximately 80°C and 300°C; an electrolyte that is thermally stable between approximately at least 80°C and approximately 300°C; where the first electrode and second electrode are separated by the separator such that the first electrode and second electrode are not in physical contact; and where each of the first electrode and second electrode is at least partially immersed in the electrolyte solution.