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(54) Title: HIGH CONDUCTIVITY ELECTROSTATIC CHUCK

(57) Abstract: In accordance with an embodiment of the invention, there is provided an electrostatic chuck comprising a conductive path covering at least a portion of a workpiece-contacting surface of a gas seal ring of the electrostatic chuck, the conductive path comprising at least a portion of an electrical path to ground; and a main field area of a workpiece-contacting surface of the electrostatic chuck comprising a surface resistivity in the range of from about 10^8 to about 10^{12} ohms per square.