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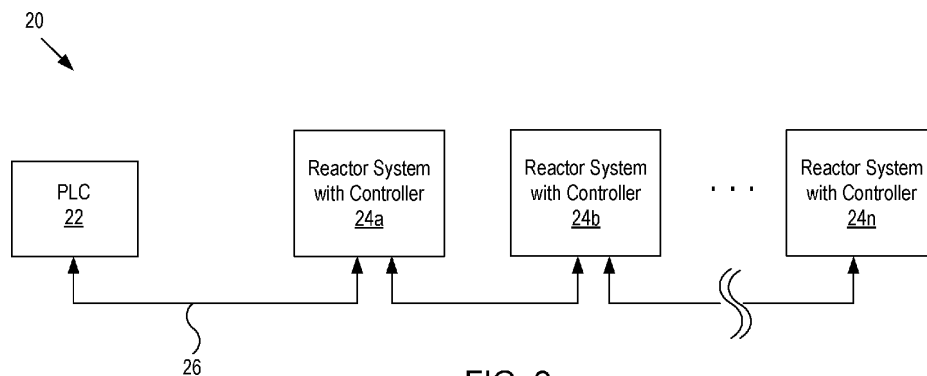


FIG. 2

(57) Abstract: The present invention provides a plasma generating system (20) that includes: a programmable logic controller (PLC) (22) and a plurality of reactor systems (24a - 24n) coupled to the PLC by a daisy chain network (26). Each of the plurality of reactor systems (24a - 24n) include: a microwave generator (34) for generating microwave energy; and a power supply (30) for providing electrical power to the microwave generator (34) and including a controller (174), where the controller (174) comprises: at least one microprocessor (176); and a module (178) communicatively coupled to the at least one processor (176) and including at least one of digital input-output (DIO) and analogue input-output (AIO).