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(54) Title: SYSTEMS AND METHODS FOR STARTING A SENSORLESS MOTOR

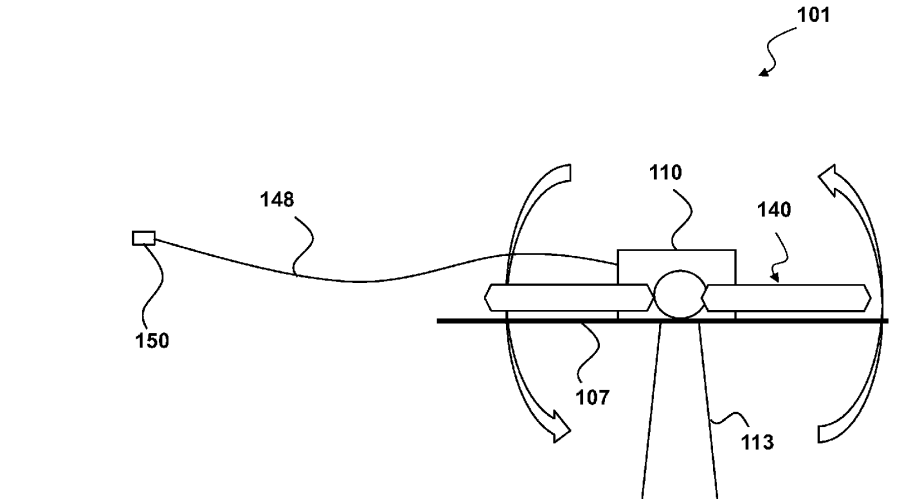


FIG. 3

(57) Abstract: Systems, devices, and methods for: an unmanned aerial vehicle (UAV); at least one sensorless motor comprising a set of windings and a rotor; at least one propeller connected to the at least one sensorless motor; a microcontroller in communication with the at least one sensorless motor, wherein the microcontroller is configured to: determine a rotation rate of the at least one propeller; determine a rotation direction of the at least one propeller; provide an output to stop the at least one propeller and provide an output to start the at least one propeller.

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