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(54) Title: AUTOMATIC CONFIGURATION CONTROL OF A DEVICE

(57) Abstract: Methods (160), systems (200), and devices (110) for determining system/device configuration and setting a mode of operation based on the determined configuration. An air vehicle processor (110): (a) receives a component information (14) set of at least one external component; (b) determine a mode of operation (110), by the processor having a current mode of operation setting, based on the received component information and at least one of: an initial mode of operation setting and the current mode of operation setting (162); (c) determines whether all of the one or more received component information sets match a configuration requirement (163); (d) transitions to a flight-ready status if the determination is a conjunctive match (166); and (e) transition to a reset status if the determination is not a conjunctive match (164).

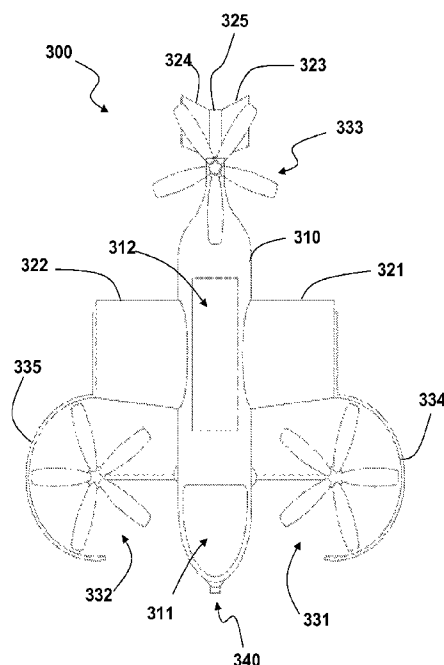


FIG. 3



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