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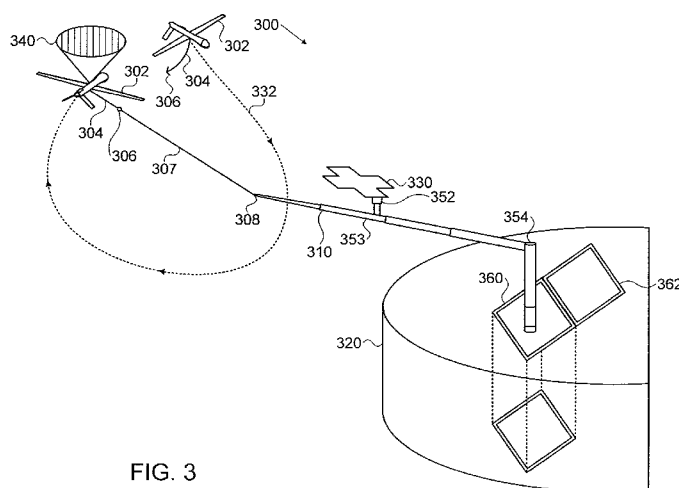


FIG. 3

(57) **Abstract:** Point take-off and landing systems for an unmanned flying object. In one embodiment, the flying object is guided along a flight trajectory and approaches a landing body such that a latching element, coupled with a suspension cable suspended from the flying body, latches with a receiving latch, coupled with an extendable retractable beam projecting horizontally from a landing body side surface. A cable release/retraction mechanism engages and then releases/retracts the suspension cable. The beam is maneuvered to haul the flying object onto a landing surface. In another embodiment, the flying object is guided along a flight trajectory and approaches a landing body such that a latching element, coupled with a suspension cable suspended from the flying body, latches with a receiving cable, supported by cable supports projecting vertically from a landing body top surface. A cable release/retraction mechanism releases/retracts the suspension cable, hauling the flying object onto the landing surface.