

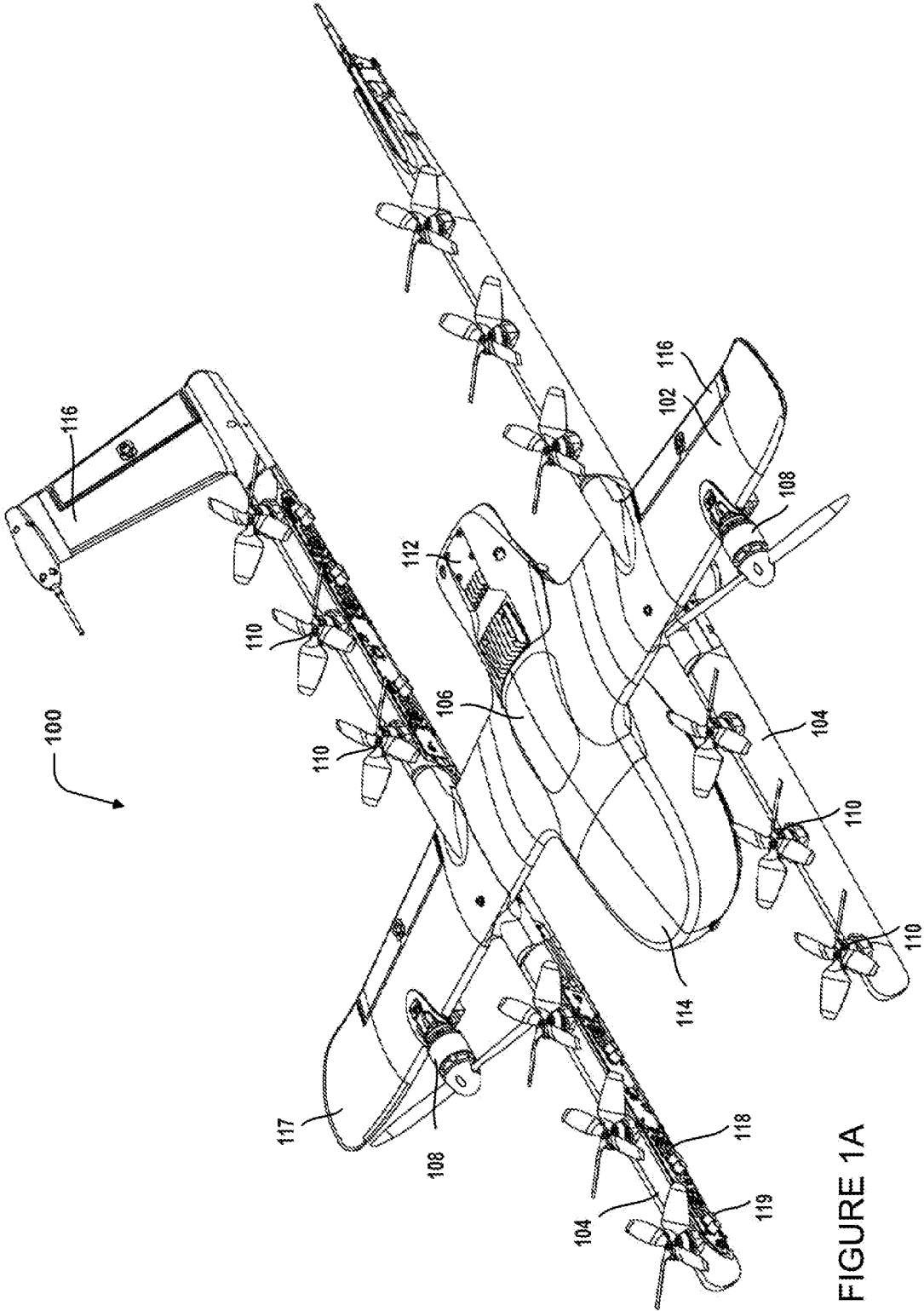


FIGURE 1A

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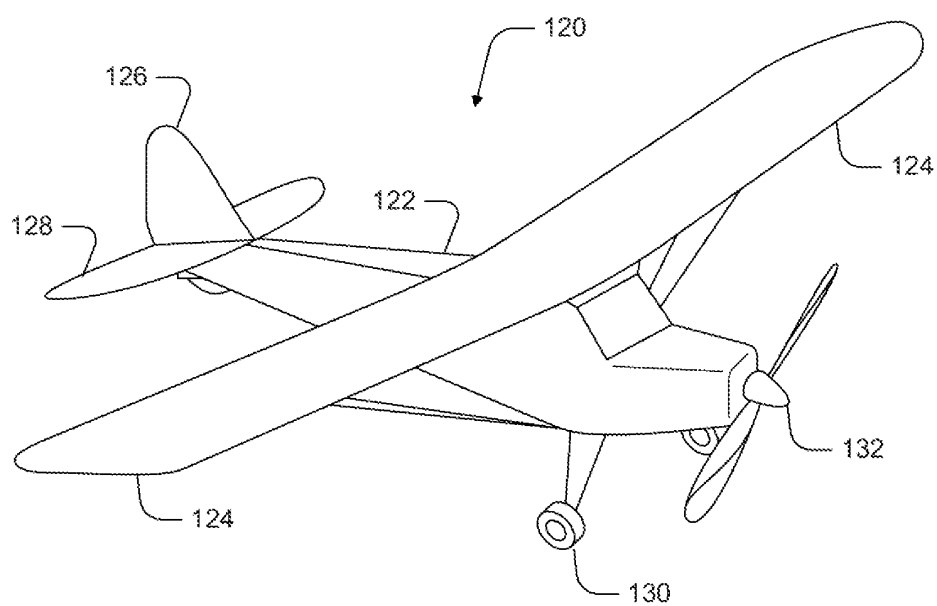


FIGURE 1B

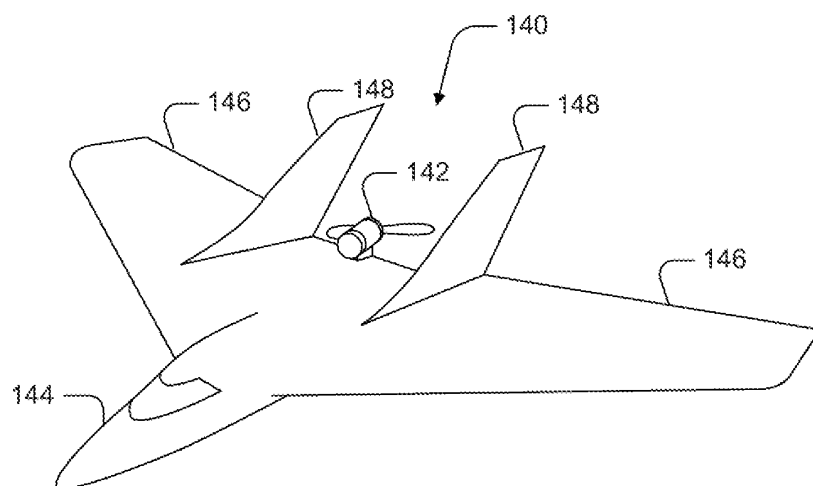


FIGURE 1C

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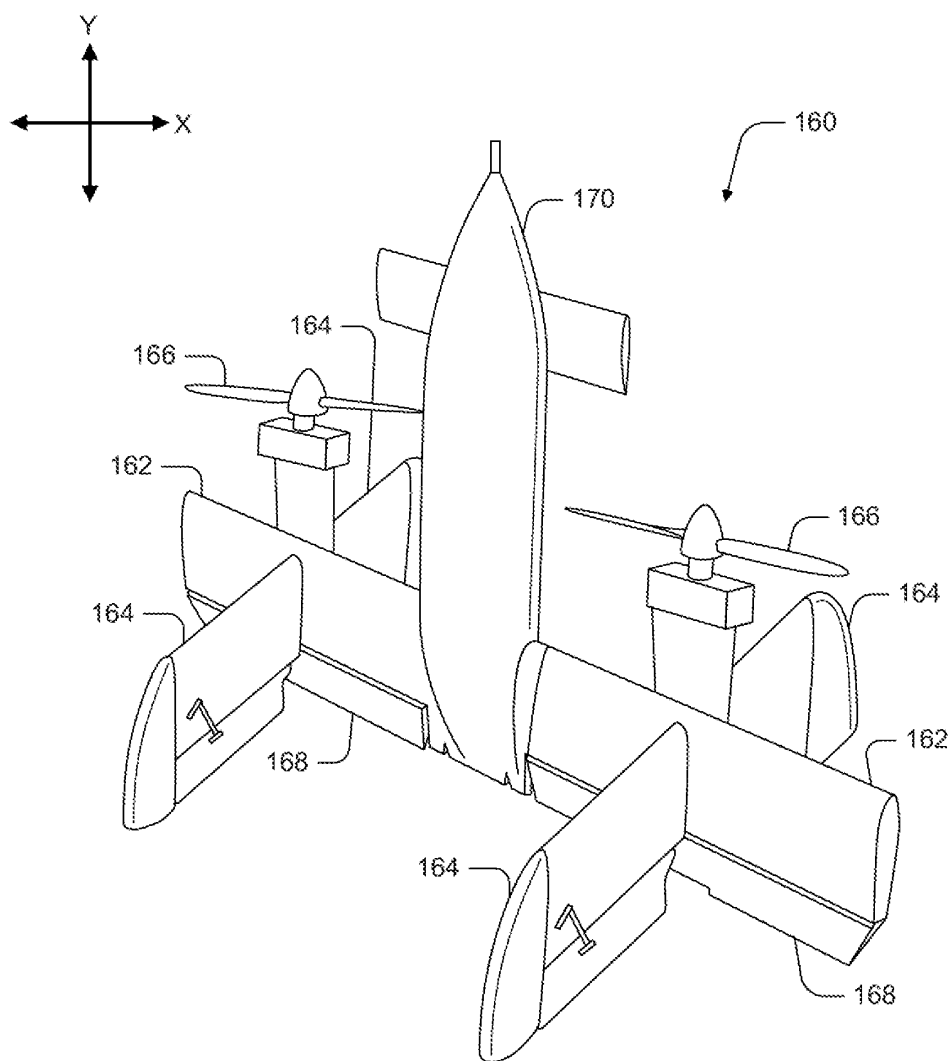


FIGURE 1D

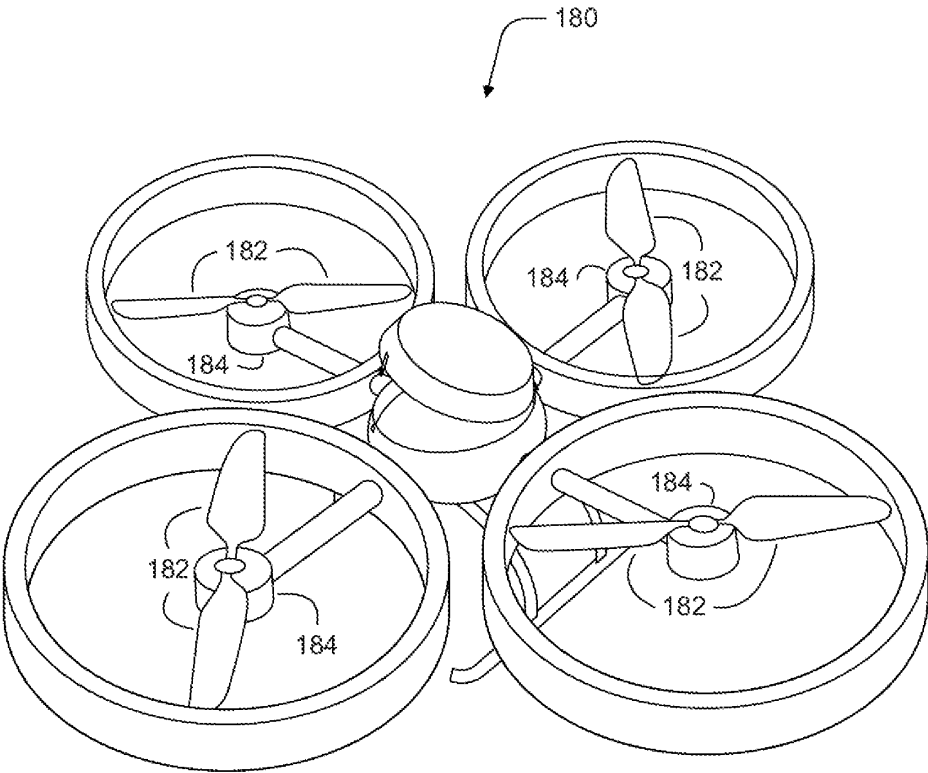
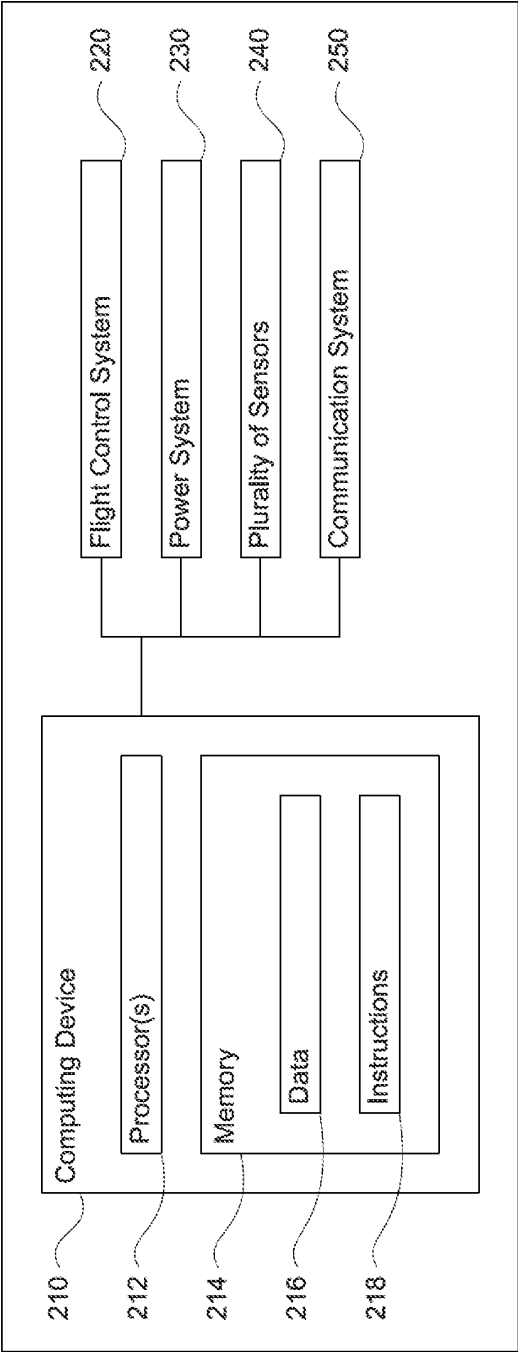
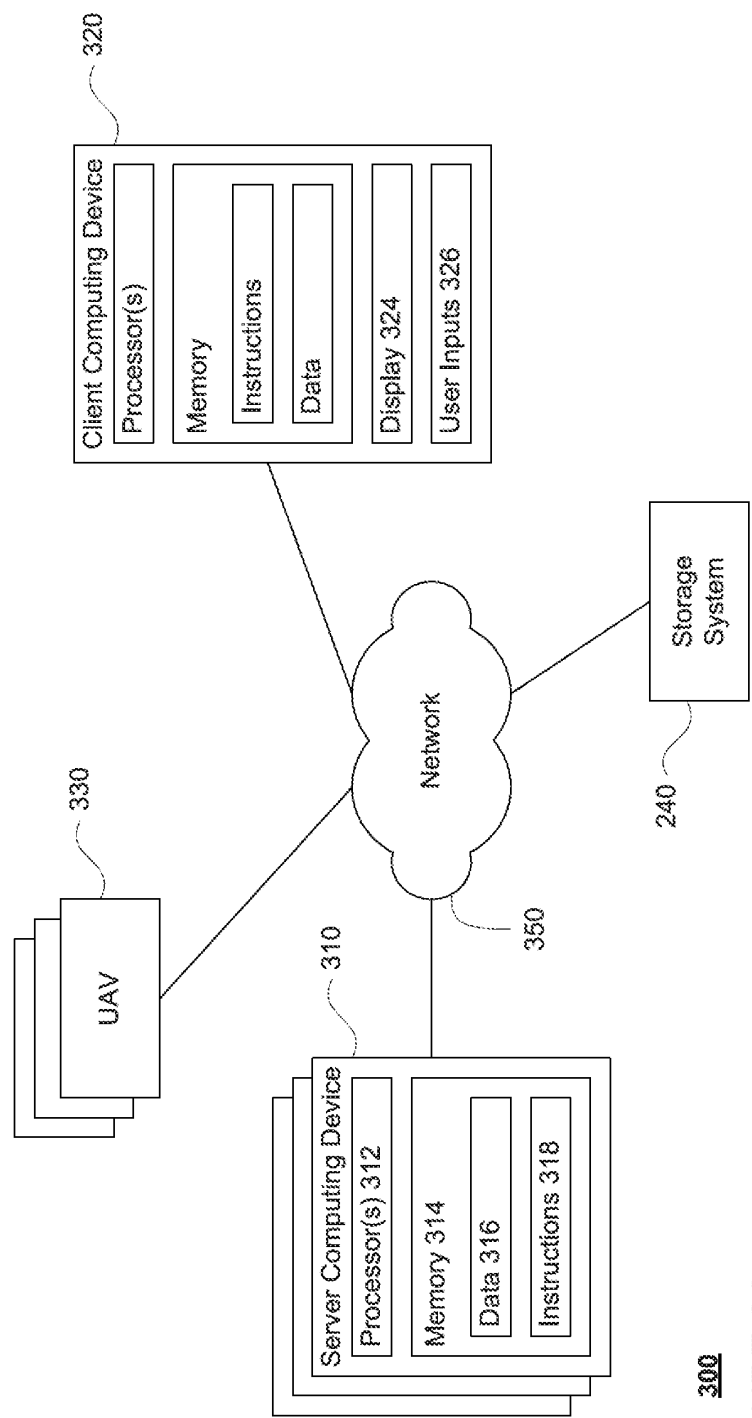


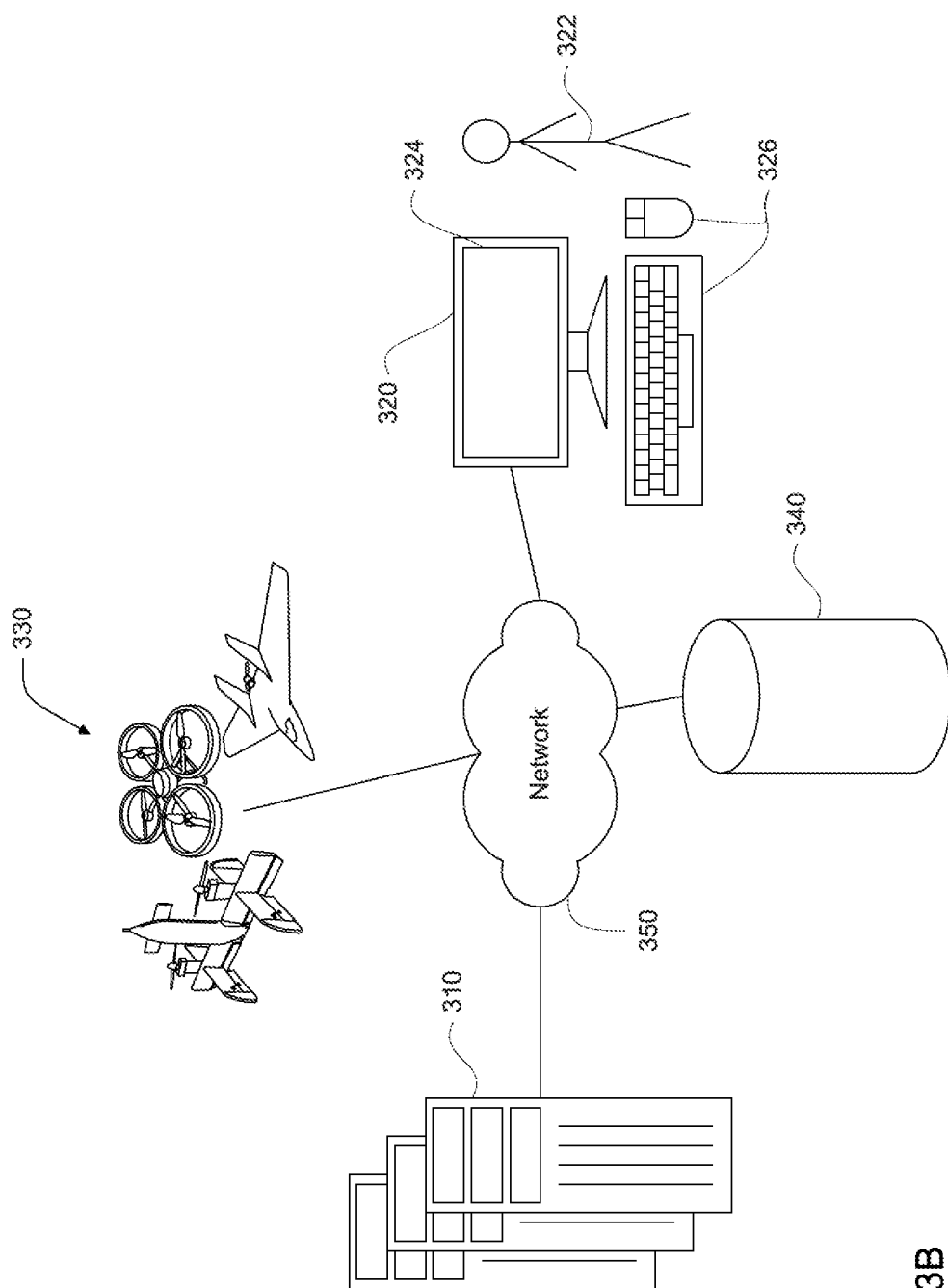
FIGURE 1E



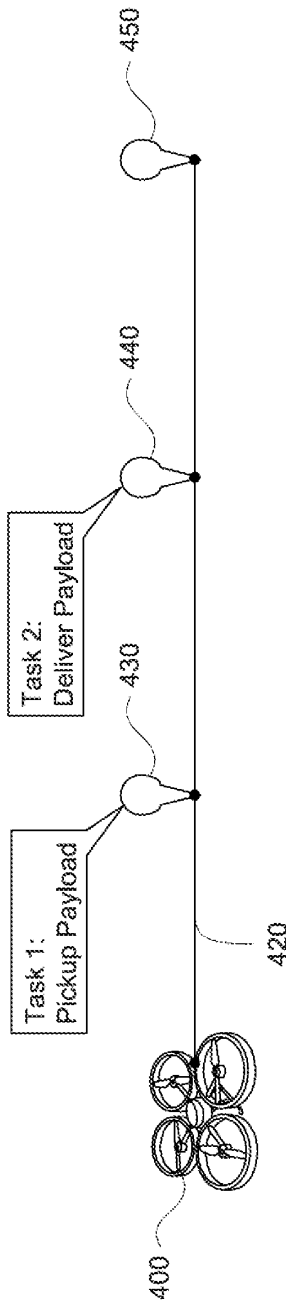
200
FIGURE 2



300
FIGURE 3A



300
FIGURE 3B



410
FIGURE 4

UAV Identifier	Current Location	Assigned to Mission?	Mission Status	Time of Last Update	Flagged for Inspection	
400	X1,Y1,Z1	Yes	0/2 Tasks Completed	00:00:10	No	
500	X2,Y2,Z1	No	N/A	00:00:01	Yes	
510	X3,Y3,Z3	No	N/A	00:00:02		
520	X4,Y4,Z4	No				
530	X5,Y5,Z5	Yes				

500
FIGURE 5

Condition ID	Severity	Mitigation Response
001	Minor	Flag for inspection
002	Moderate	Flag for inspection and determine whether and how to continue any assigned Mission.
003	Critical	Flag for inspection and UAV immediately.
004	Minor	Flag for inspection
005	Moderate	

600
FIGURE 6

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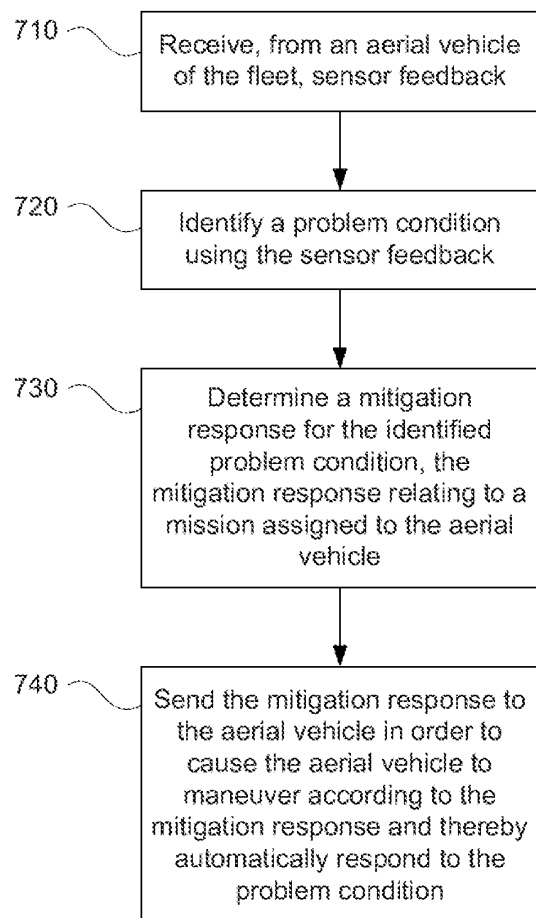
700

FIGURE 7