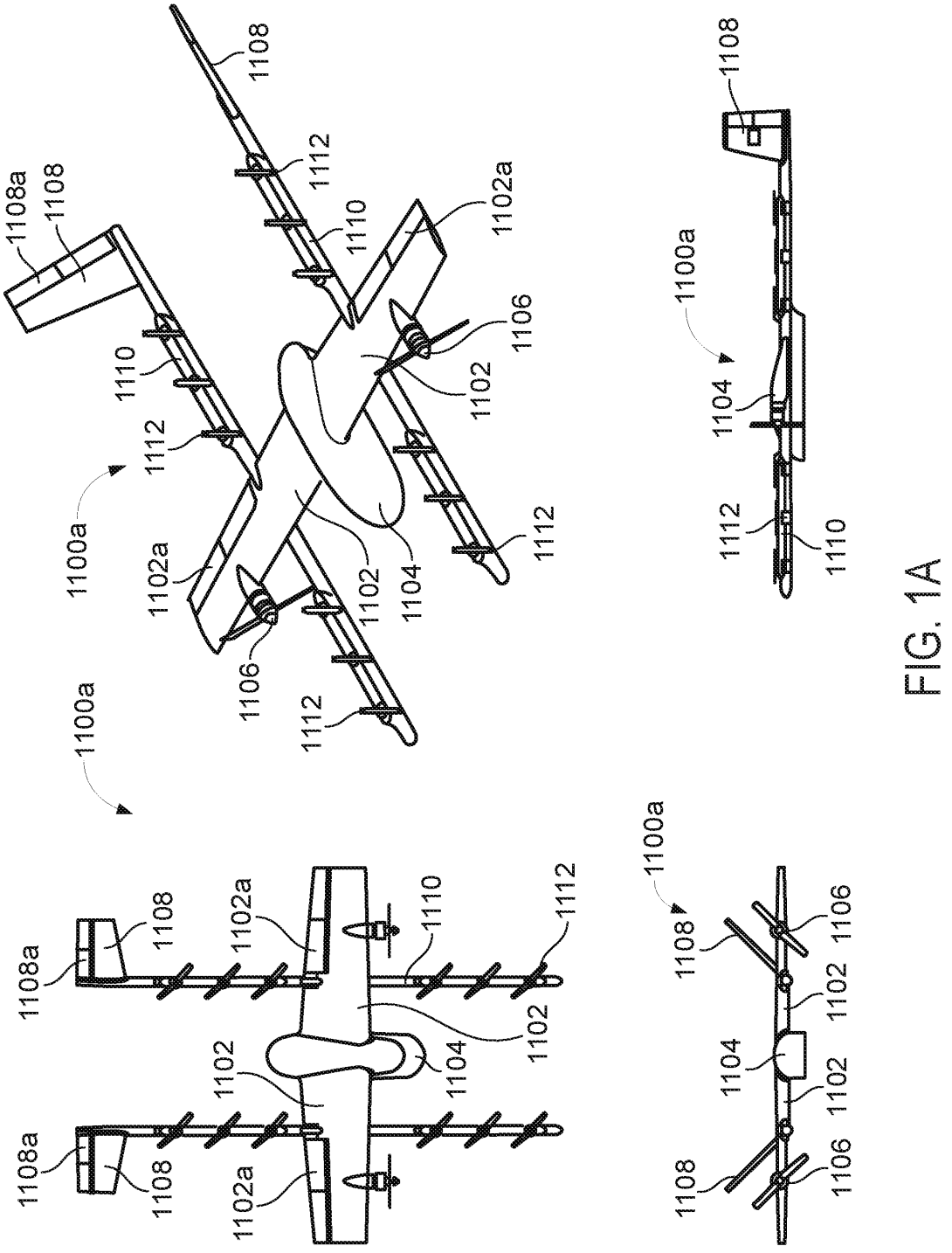

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1112
1102
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1104
1102
1108
1106

FIG. 1A

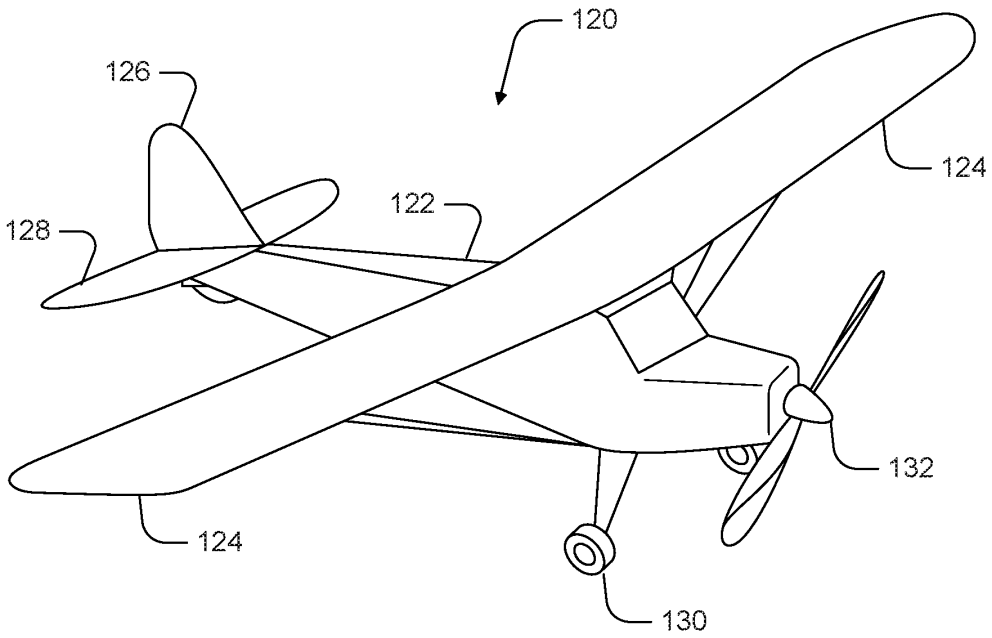


FIG. 1B

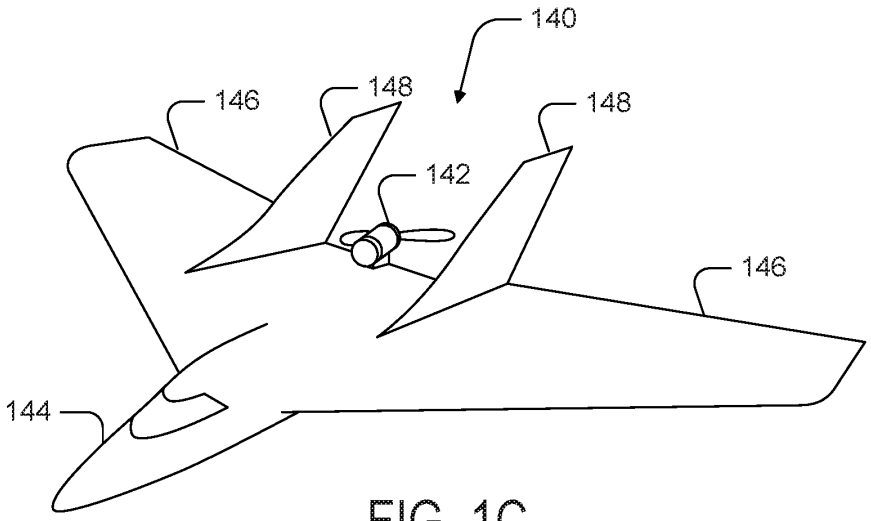


FIG. 1C

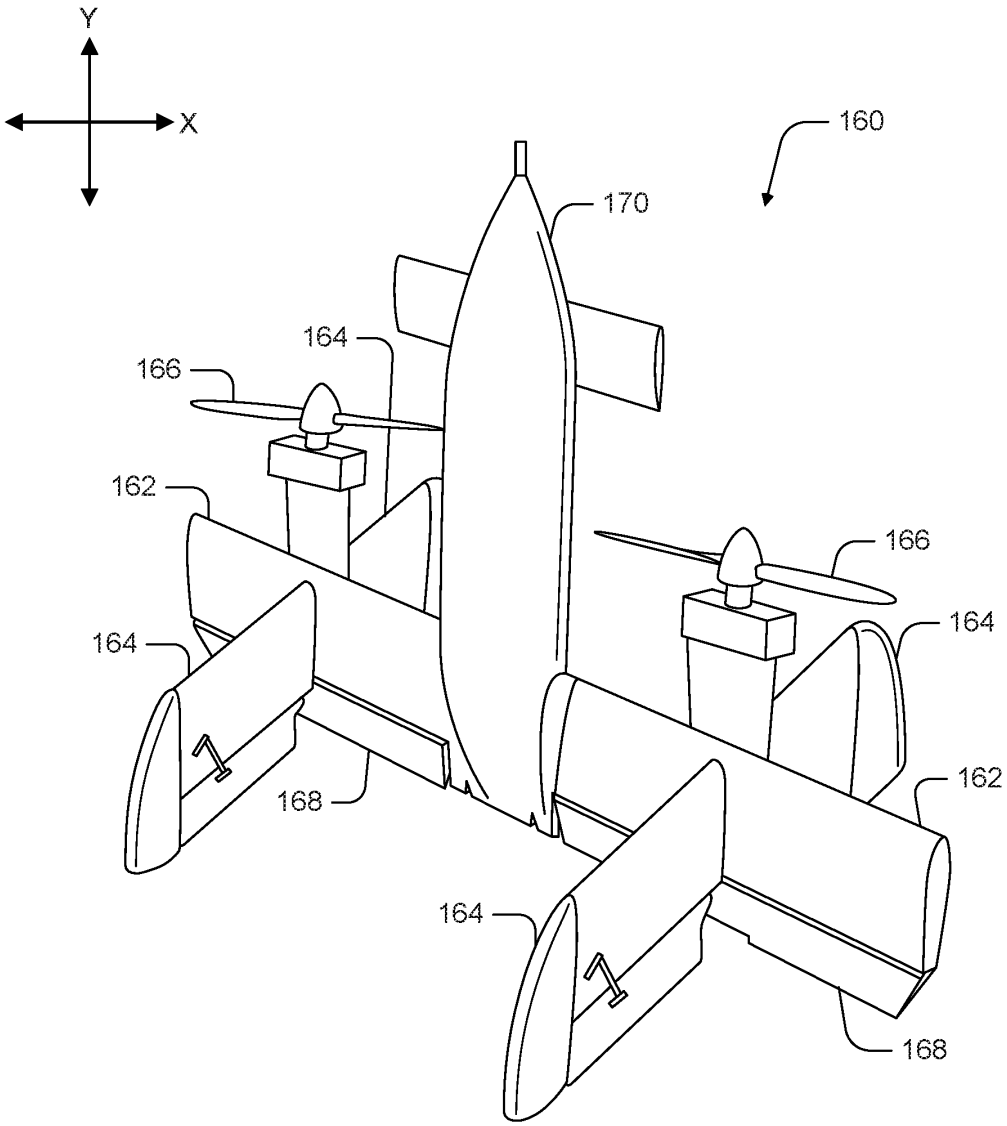


FIG. 1D

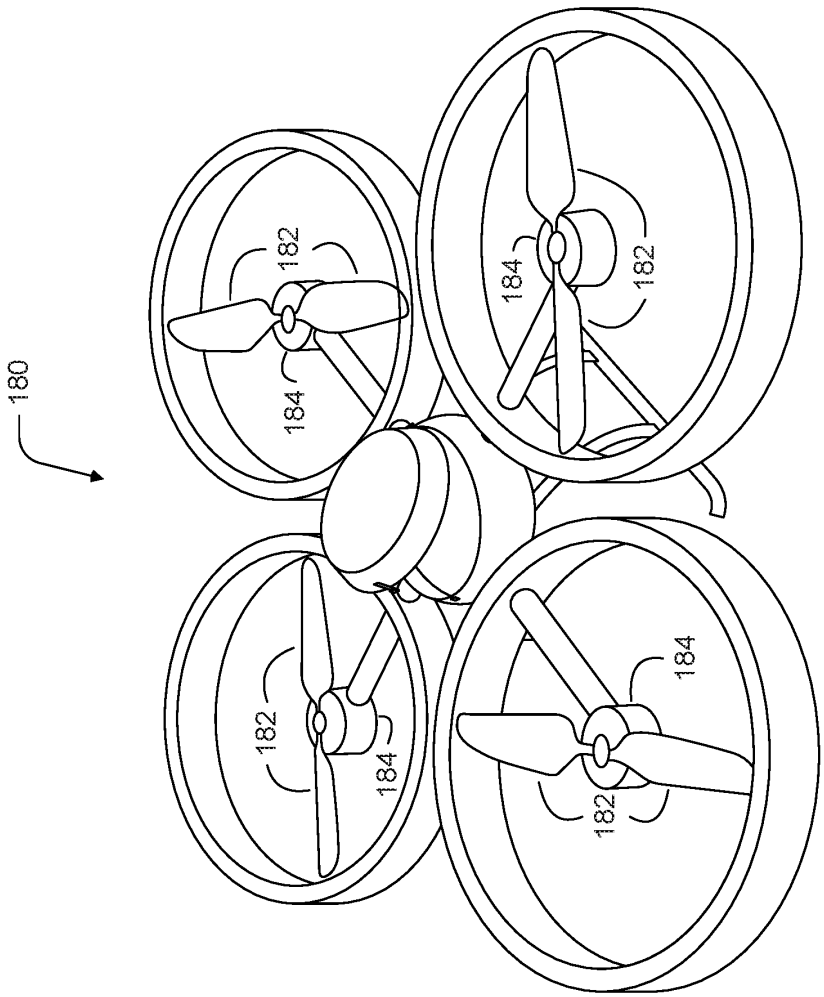


FIG. 1E

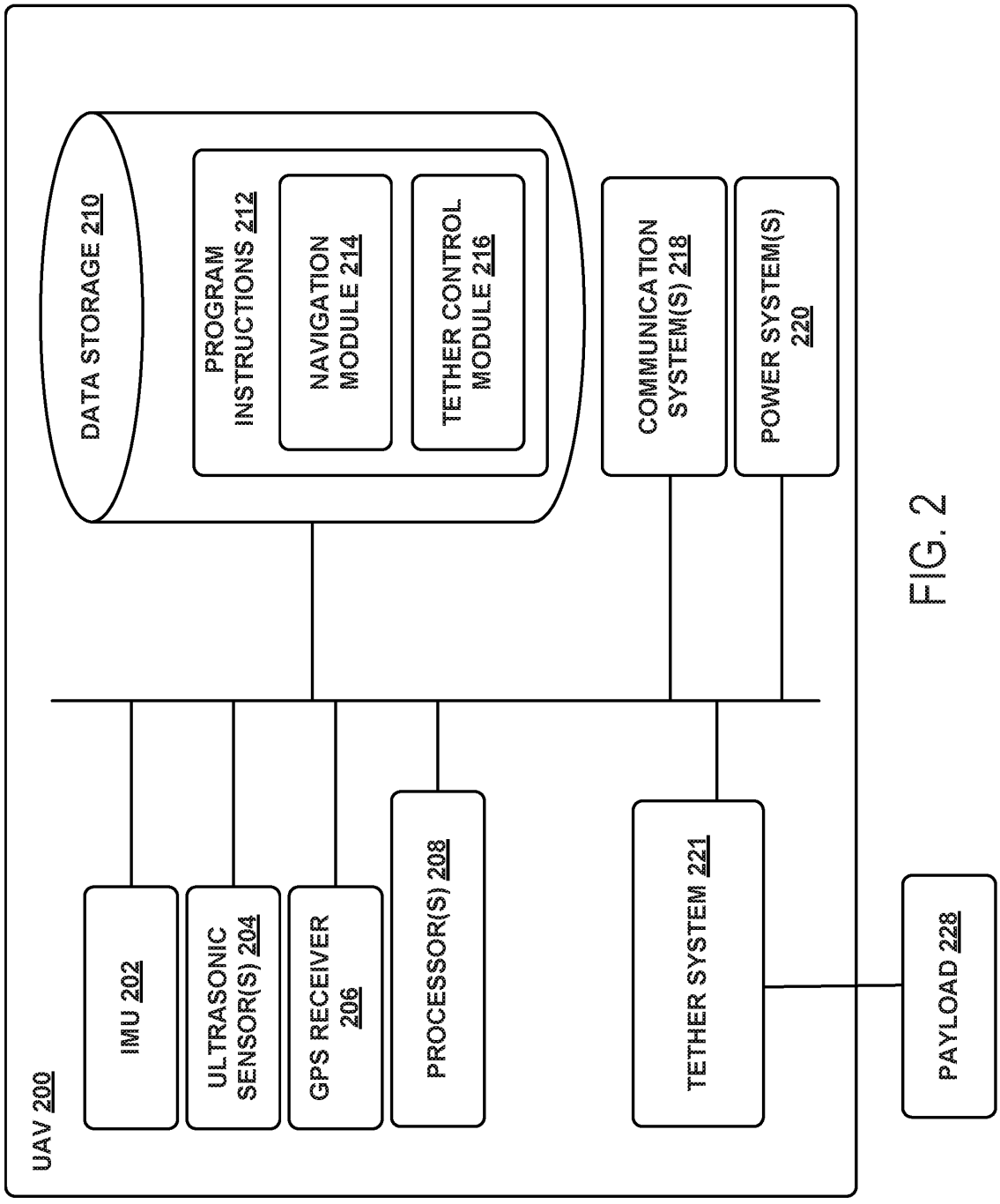

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FIG. 2

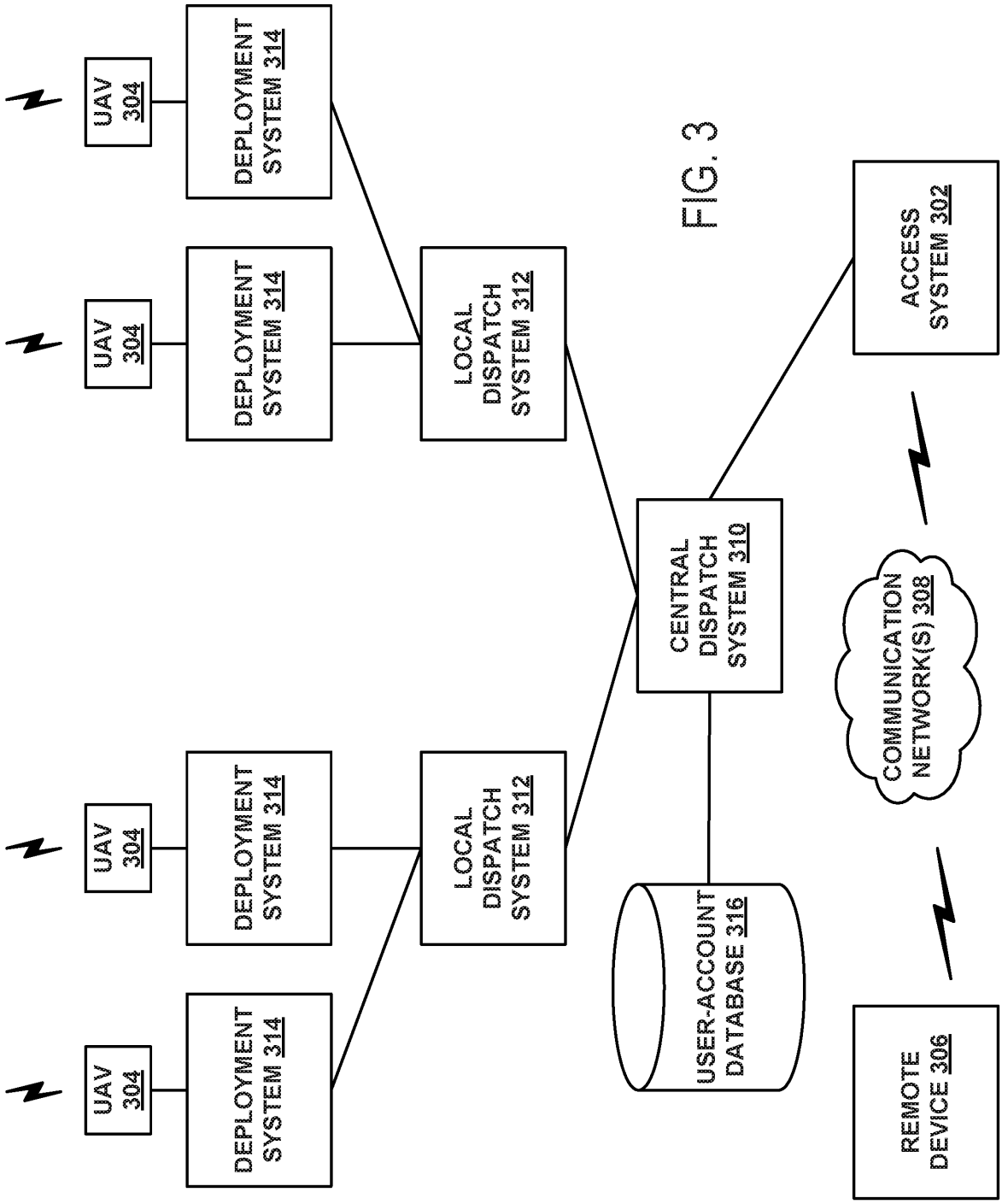

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FIG. 3

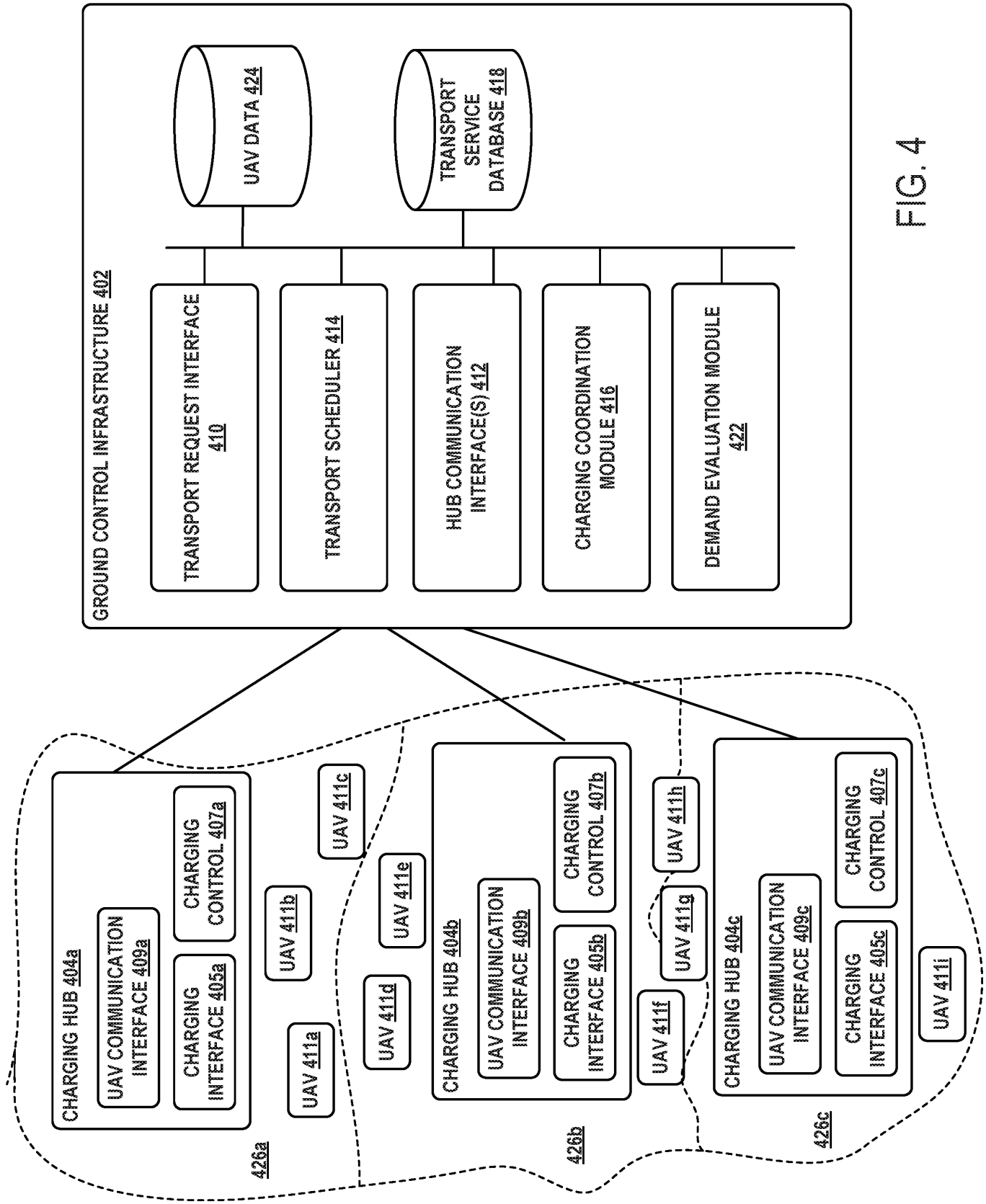

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CHARGING CONTROL 407a
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UAV 411b
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426a
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UAV COMMUNICATION INTERFACE 409b
CHARGING INTERFACE 405b
CHARGING CONTROL 407b
UAV 411d
UAV 411e
UAV 411f
UAV 411g
UAV 411h
426b
CHARGING HUB 404c
UAV COMMUNICATION INTERFACE 409c
CHARGING INTERFACE 405c
CHARGING CONTROL 407c
UAV 411i
426c

FIG. 4

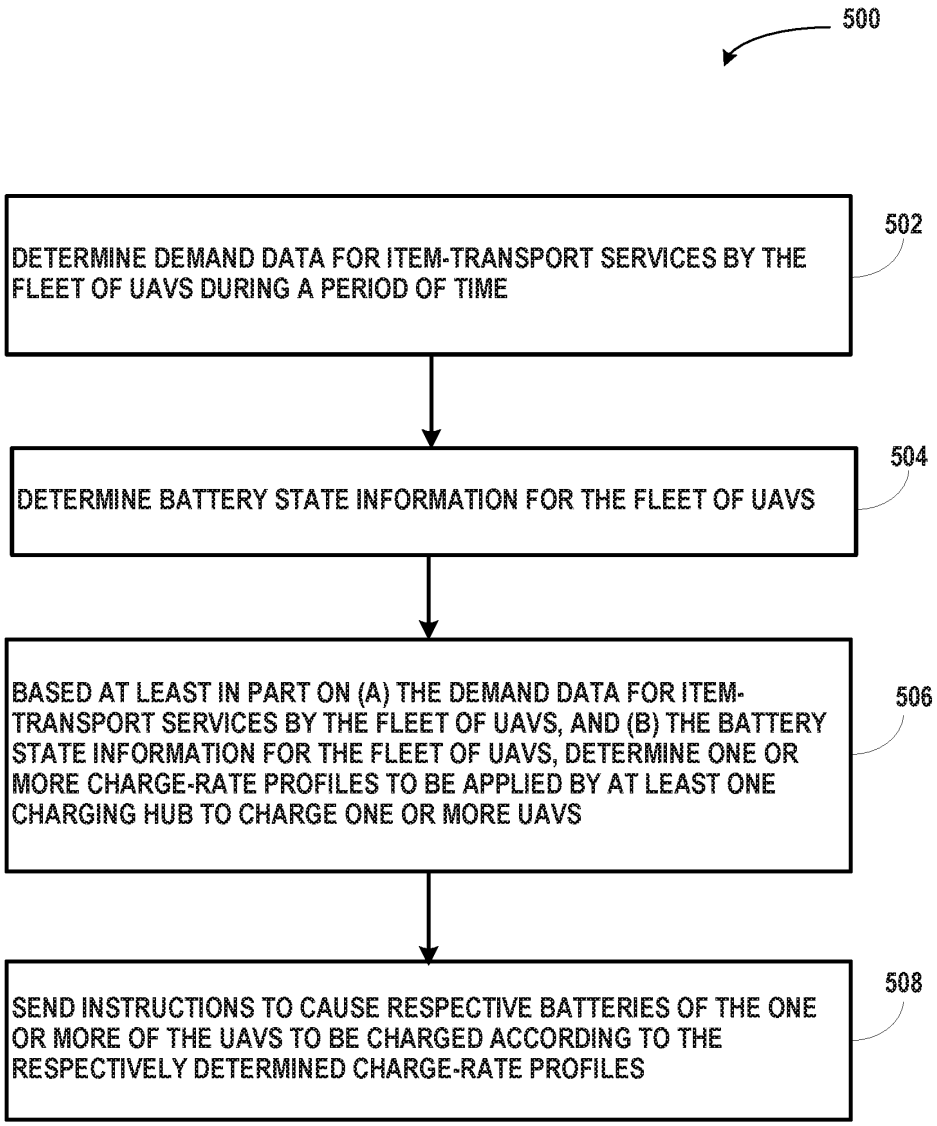

500
DETERMINE DEMAND DATA FOR ITEM-TRANSPORT SERVICES BY THE FLEET OF UAVS DURING A PERIOD OF TIME
502
DETERMINE BATTERY STATE INFORMATION FOR THE FLEET OF UAVS
504
BASED AT LEAST IN PART ON (A) THE DEMAND DATA FOR ITEM-TRANSPORT SERVICES BY THE FLEET OF UAVS, AND (B) THE BATTERY STATE INFORMATION FOR THE FLEET OF UAVS, DETERMINE ONE OR MORE CHARGE-RATE PROFILES TO BE APPLIED BY AT LEAST ONE CHARGING HUB TO CHARGE ONE OR MORE UAVS
506
SEND INSTRUCTIONS TO CAUSE RESPECTIVE BATTERIES OF THE ONE OR MORE OF THE UAVS TO BE CHARGED ACCORDING TO THE RESPECTIVELY DETERMINED CHARGE-RATE PROFILES
508

FIG. 5