

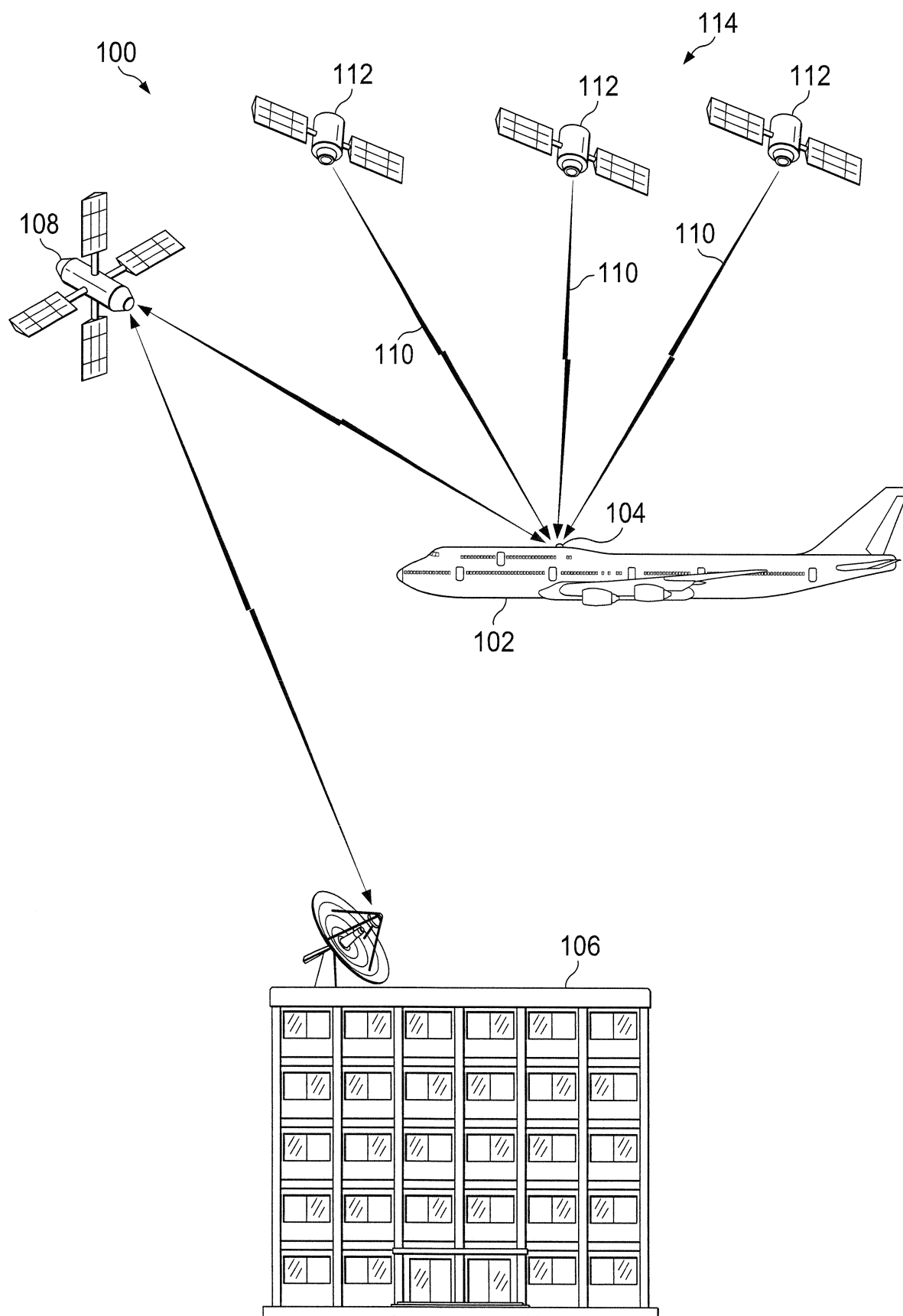


FIG. 1

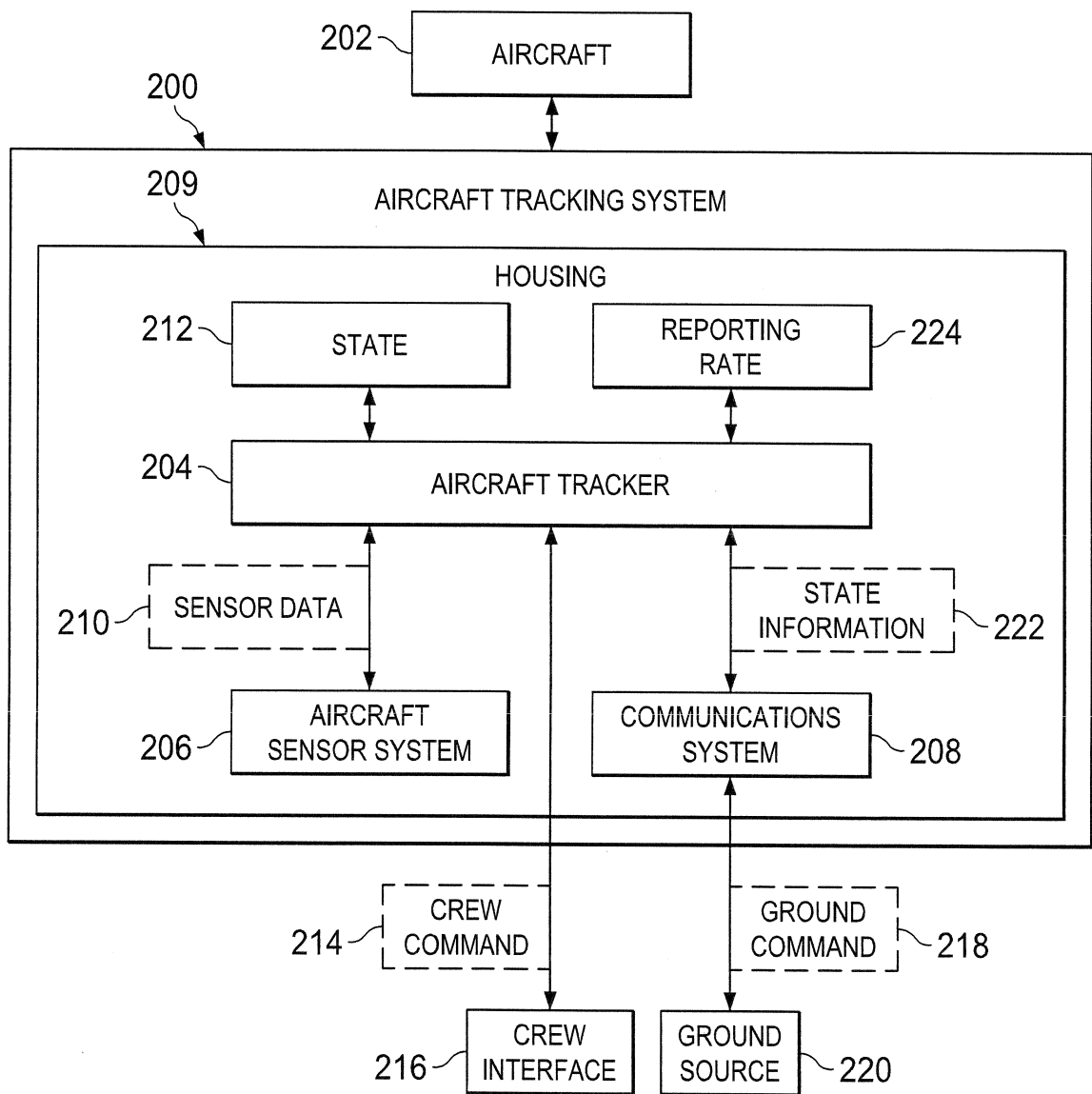


FIG. 2

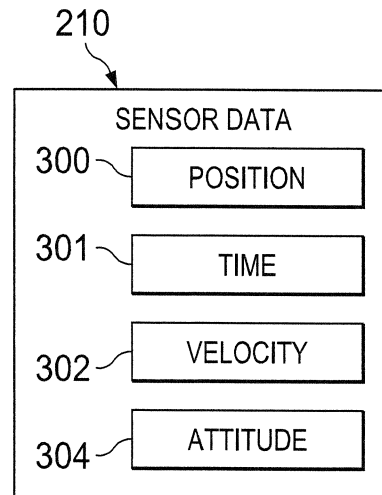


FIG. 3

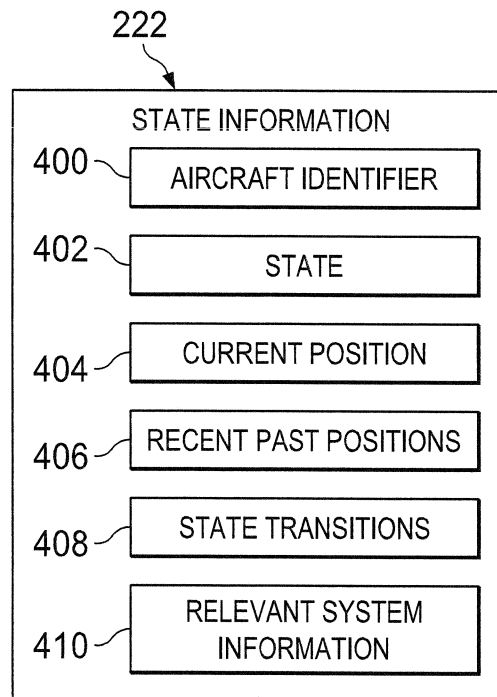


FIG. 4

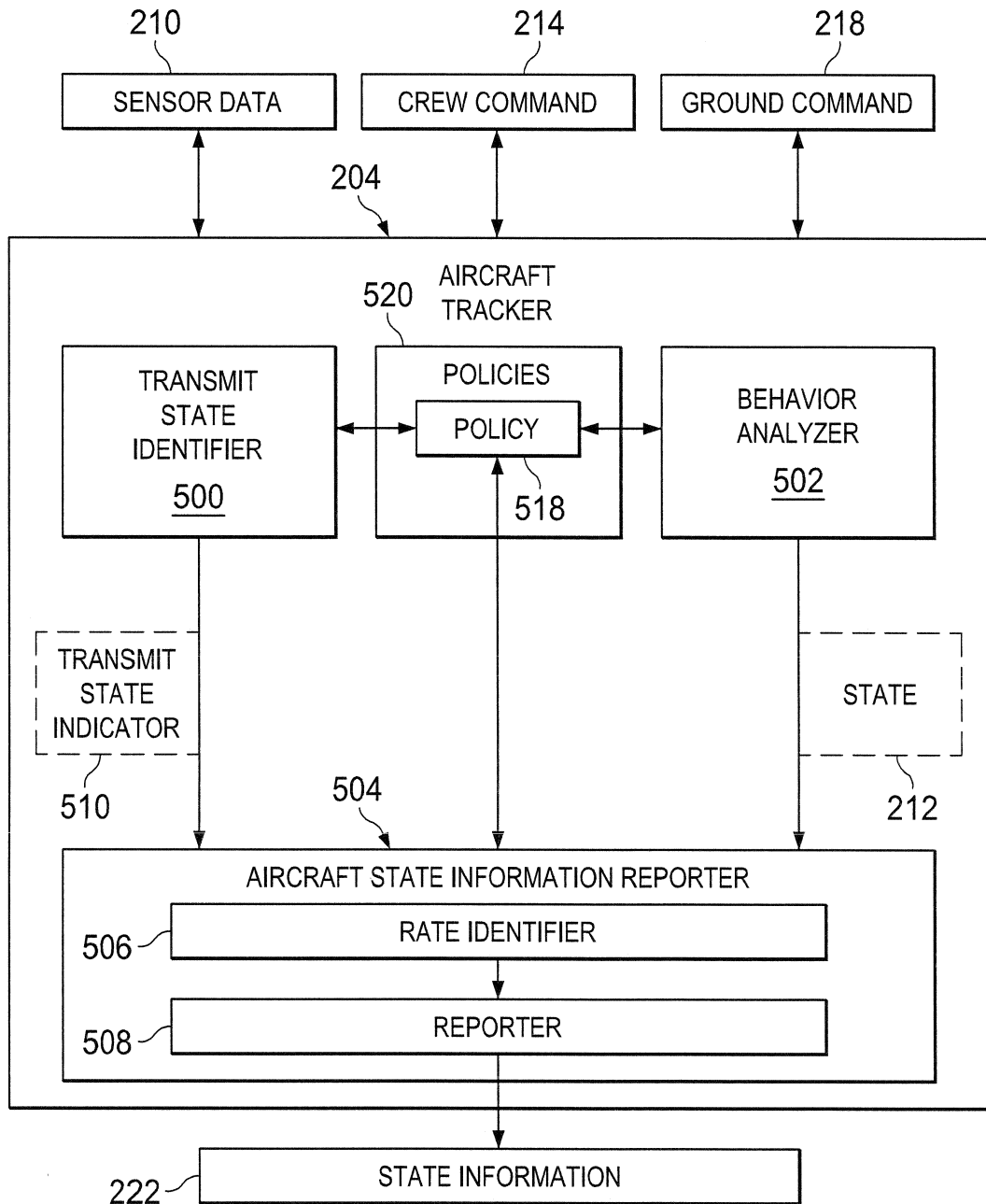


FIG. 5

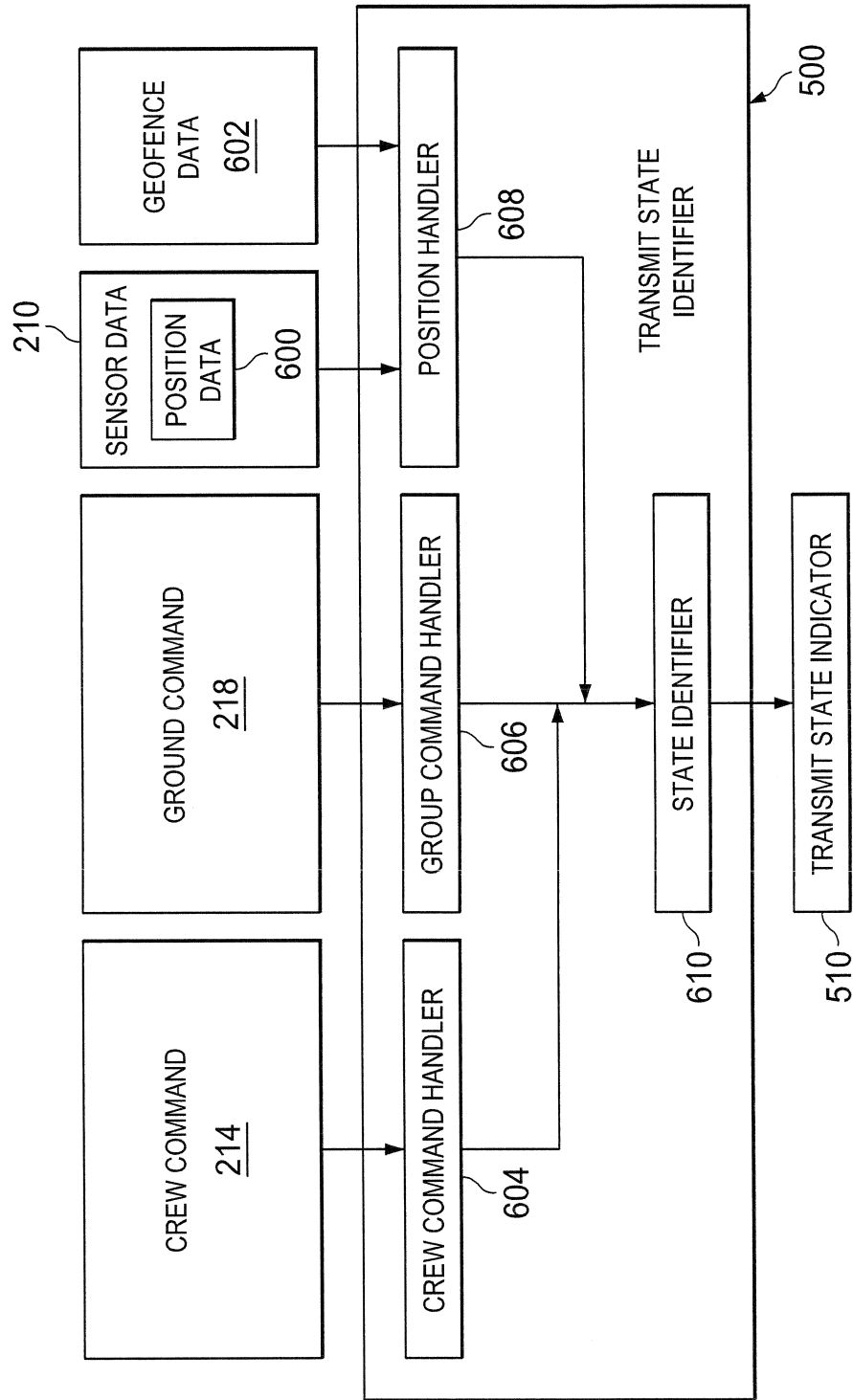


FIG. 6

700	TRANSMIT STATE INPUT REQUESTS	710	712	716	718	714
	FLIGHT CREW INPUT TRANSMIT STATE REQUEST	TRANSMIT-ON	TRANSMIT-ON	TRANSMIT-OFF	TRANSMIT-OFF	TRANSMIT-ON
	GROUND SEGMENT COMMAND TRANSMIT STATE REQUEST	TRANSMIT-ON	NO REQUEST	NO REQUEST	NO REQUEST	NO REQUEST
	AIRCRAFT POSITION BASED REPORTING RATE FUNCTION TRANSMIT STATE REQUEST	ANY	TRANSMIT-ON	TRANSMIT-OFF	TRANSMIT-OFF	NO REQUEST
						702
						704
						706
						708

FIG. 7

800

TRANSMIT STATE INPUT REQUESTS	810	818	812	814	820	816
	TRANSMIT-ON	TRANSMIT-OFF	TRANSMIT-ON	TRANSMIT-ON	TRANSMIT-OFF	TRANSMIT-ON
GROUND SEGMENT COMMAND TRANSMIT STATE REQUEST	TRANSMIT-ON	TRANSMIT-OFF	NO REQUEST	NO REQUEST	NO REQUEST	NO REQUEST
FLIGHT CREW INPUT TRANSMIT STATE REQUEST	ANY	ANY	TRANSMIT-ON	NO REQUEST	NO REQUEST	NO REQUEST
AIRCRAFT POSITION BASED REPORTING RATE FUNCTION TRANSMIT STATE REQUEST	ANY	ANY	ANY	TRANSMIT-ON	TRANSMIT-OFF	NO REQUEST

802

804

806

808

FIG. 8

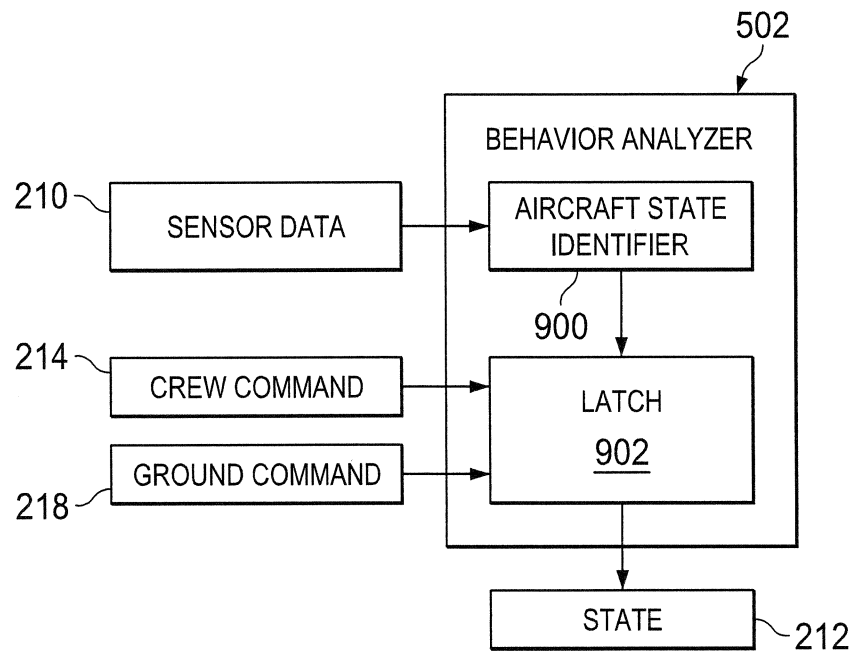


FIG. 9

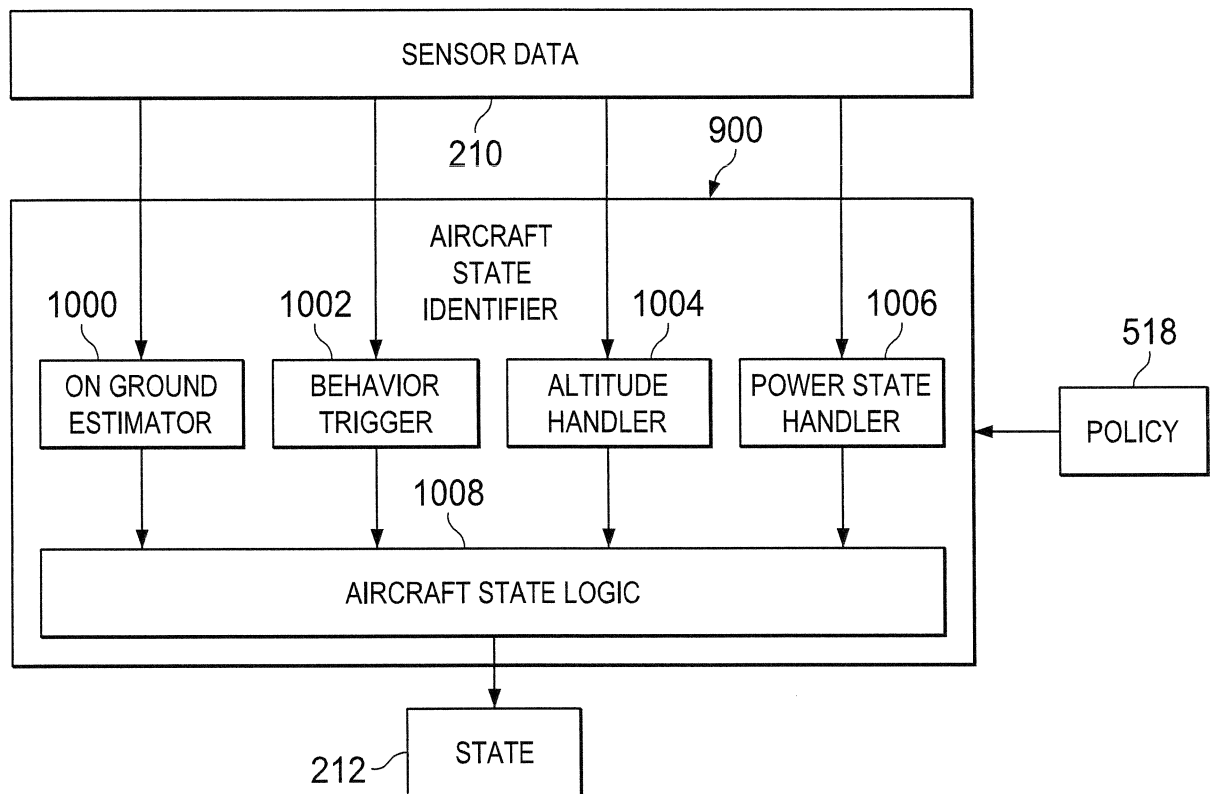


FIG. 10

FIG. 11

1100		1102		1104		1106				1112		1114		1116	
CRITERIA TYPE	CRITERIA NAME	TRIGGER CONDITIONS	PERSISTENCE TIME (EXAMPLE DEFAULT VALUES)	CURRENT POSITION IN AREA TYPE	ALTITUDE	PARAMETERS (EXAMPLE DEFAULT VALUES)	AIRCRAFT BEHAVIOR DYNAMIC TRIGGER STATE SETTING								
UNUSUAL ATTITUDE	EXCESSIVE BANK	{ ROLL >R1°} OR { ROLL >R2°} AND ROLL RATE >R3°/s}	1108 1 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT>10000 FT	R1=10° R2=5° R3=2°	ABNORMAL								
					100000 FT> ALT >0 FT	R1=14° R2=9° R3=2°	DISTRESS								
				OUTSIDE REPORTING REGION (ATC COVERAGE)	ANY ALTITUDE	R1=21° R2=14° R3=2°	ABNORMAL								
					ANY ALTITUDE	R1=25° R2=15° R3=2°	DISTRESS								

FIG. 12

CRITERIA TYPE	CRITERIA NAME	TRIGGER CONDITIONS	PERSISTENCE TIME (EXAMPLE DEFAULT VALUES)	GEOFENCING DEPENDENCE				AIRCRAFT BEHAVIOR DYNAMIC TRIGGER STATE SETTING
				1206 CURRENT POSITION IN AREA TYPE	1212 ALTITUDE	PARAMETERS (EXAMPLE DEFAULT VALUES)	1214	
UNUSUAL ATTITUDE	EXCESSIVE PITCH	{PITCH>P1°} OR {PITCH<P2°} OR {PITCH>P3° AND PITCH RATE>P4°/S} OR PITCH<P5° AND PITCH RATE<P6°/S}	1 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT>15000 FT	P1=14° P2=14° P3=8° P4=3° P5=12° P6=5°		ABNORMAL
					15000 FT>ALT>0 FT	P1=44° P2=34° P3=34° P4=7° P5=9° P6=5°		DISTRESS
			2 SEC	OUTSIDE REPORTING REGION (ACT COVERAGE)	ANY	P1=18° P2=18° P3=8° P4=4° P5=16° P6=6°		ABNORMAL
					ANY	P1=48° P2=38° P3=38° P4=8° P5=10° P6=7°		DISTRESS

FIG. 13

1300 1302 CRITERIA TYPE	1302 CRITERIA NAME	1302 TRIGGER CONDITIONS	1304 PERSISTENCE TIME (EXAMPLE DEFAULT VALUES)	1306 GEOFENCING DEPENDENCE			
				1306 CURRENT POSITION IN AREA TYPE	1312 ALTITUDE	1314 PARAMETERS (EXAMPLE DEFAULT VALUES)	1316 AIRCRAFT BEHAVIOR DYNAMIC TRIGGER STATE SETTING
UNUSUAL SPEED	HORIZONTAL SPEED	HORIZ GPS VELOCITY > VL1 nm/h OR HORIZ GPS VELOCITY < VL2 nm/h	1 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT>20000 FT	VL1=2000 VL2=500	ABNORMAL
				OUTSIDE REPORTING REGION (ATC COVERAGE)	20000 FT>ALT>0 FT	VL1=2500 VL2=400	DISTRESS
			2 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT>10000 FT	VL1=2200 VL2=450	ABNORMAL
				OUTSIDE REPORTING REGION (ATC COVERAGE)	10000 FT>ALT>0 FT	VL1=3200 VL2=200	DISTRESS
UNUSUAL SPEED	EXCESSIVE VERTICAL SPEED (V/S)	{ V/S > VX1 ft/min}	2 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ANY ALTITUDE	VX1=12000	ABNORMAL
				OUTSIDE REPORTING REGION (ATC COVERAGE)	25000 FT>ALT>0 FT	VL1=13000	DISTRESS
				INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ANY ALTITUDE	VL1=9000	ABNORMAL
				OUTSIDE REPORTING REGION (ATC COVERAGE)	15000 FT>ALT>0 FT	VL1=10000	DISTRESS

1400 CRITERIA TYPE	1402 CRITERIA NAME	1404 TRIGGER CONDITIONS	1404 PERSISTENCE TIME (EXAMPLE DEFAULT VALUES)	1406 GEOFENCING DEPENDENCE			1416 AIRCRAFT BEHAVIOR DYNAMIC TRIGGER STATE SETTING
				1406 CURRENT POSITION IN AREA TYPE	1412 ALTITUDE	PARAMETERS (EXAMPLE DEFAULT VALUES)	
UNUSUAL ALTITUDE	ALTITUDE	GNSS DERIVED ALTITUDE-ALT	1 SEC	INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT>25000 FT	n/a	STANDBY
					25000 FT>ALT>10000 FT	n/a	ABNORMAL
					10000 FT>ALT	n/a	DISTRESS
				OUTSIDE REPORTING REGION (ATC COVERAGE)	ANY ALTITUDE	n/a	STANDBY

FIG. 14

1500	1502	1504	CRITERIA TYPE	CRITERIA NAME	TRIGGER CONDITIONS	PERSISTENCE TIME (EXAMPLE DEFAULT VALUES)	GEOFENCING DEPENDENCE			
			UNUSUAL MANEUVER	TRACK CHANGE	GPS DERIVED TRACK CHANGE > TC°	WITHIN A 1 MIN PERIOD	1506	1512	1514	1516
							CURRENT POSITION IN AREA TYPE	ALTITUDE	PARAMETERS (EXAMPLE DEFAULT VALUES)	AIRCRAFT BEHAVIOR DYNAMIC TRIGGER STATE SETTING
							INSIDE REPORTING REGION (OCEANIC OR REMOTE)	ALT > 25000 FT 25000 FT > ALT > 10000 FT	TC = 60° TC = 50°	ABNORMAL DISTRESS
							OUTSIDE REPORTING REGION (ATC COVERAGE)	ANY	ANY	STANDBY

FIG. 15

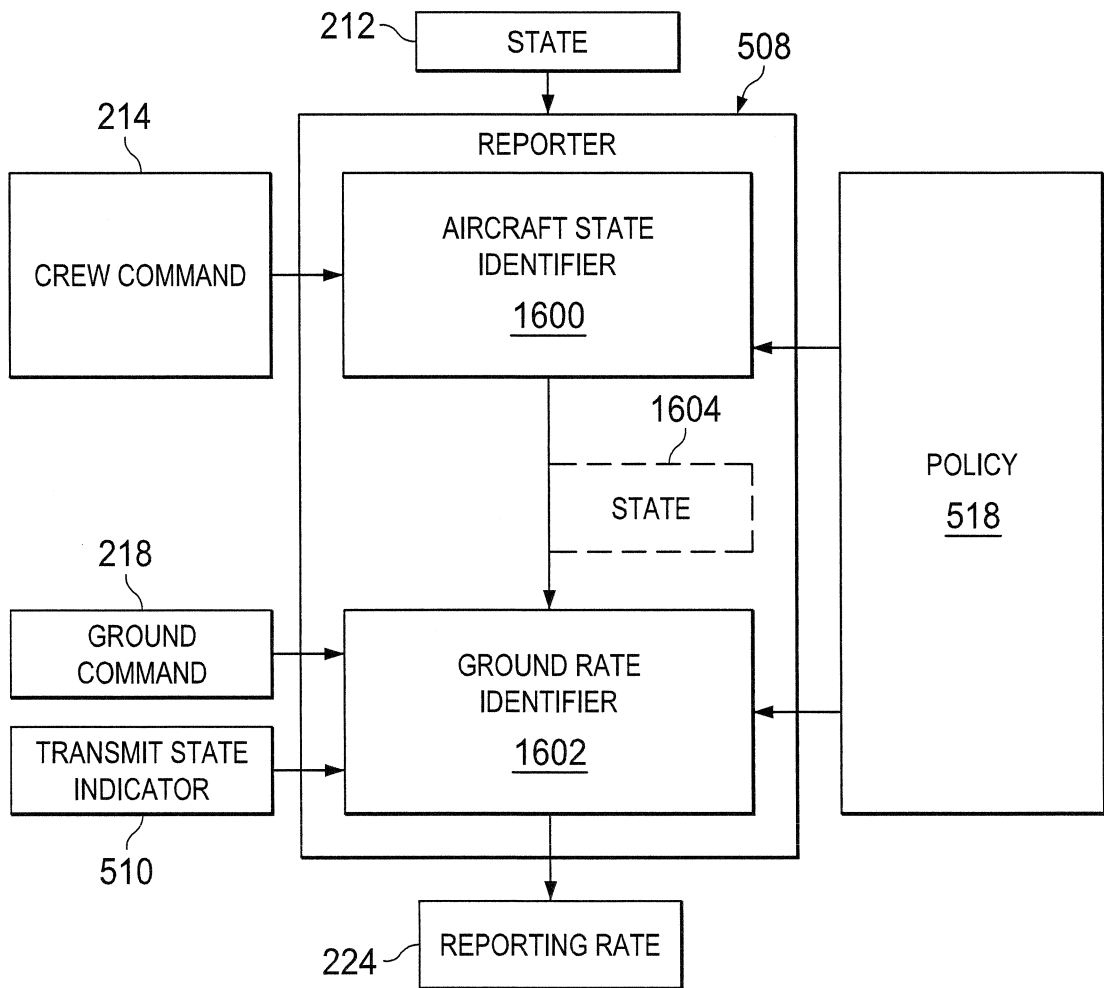


FIG. 16

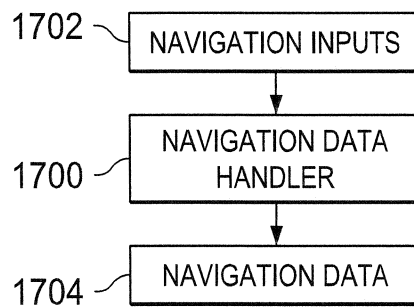


FIG. 17

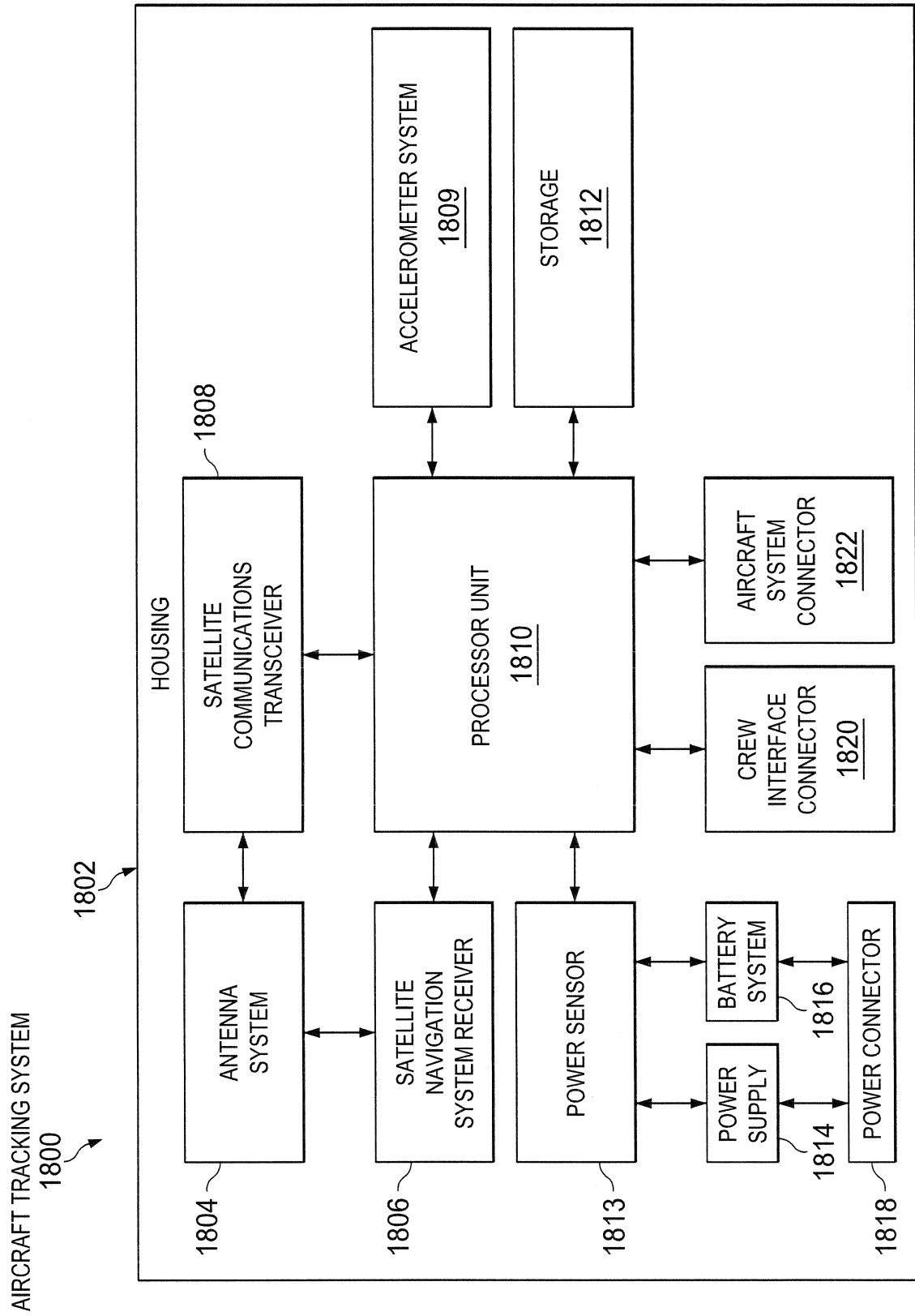


FIG. 18

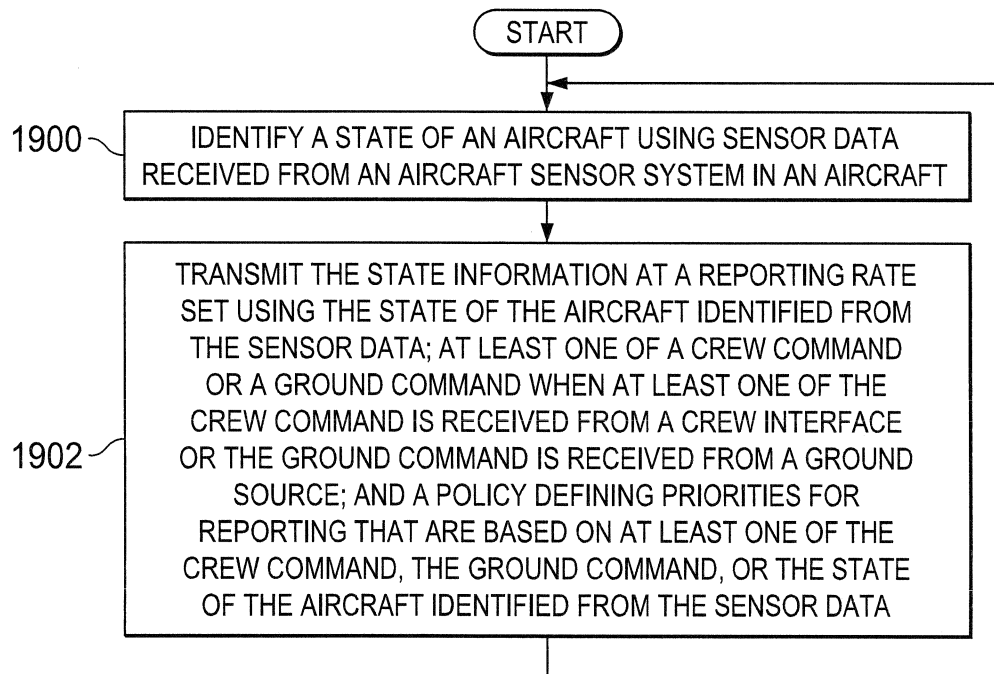


FIG. 19

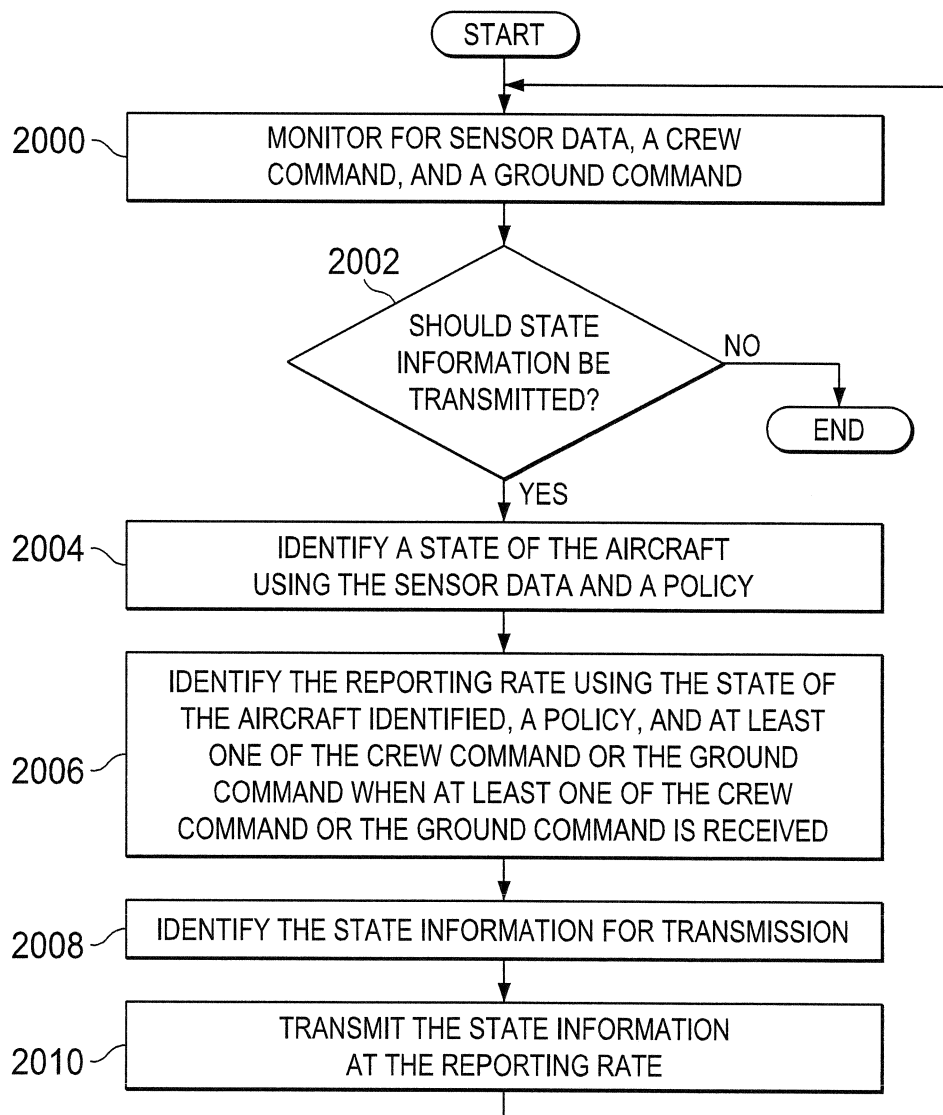


FIG. 20

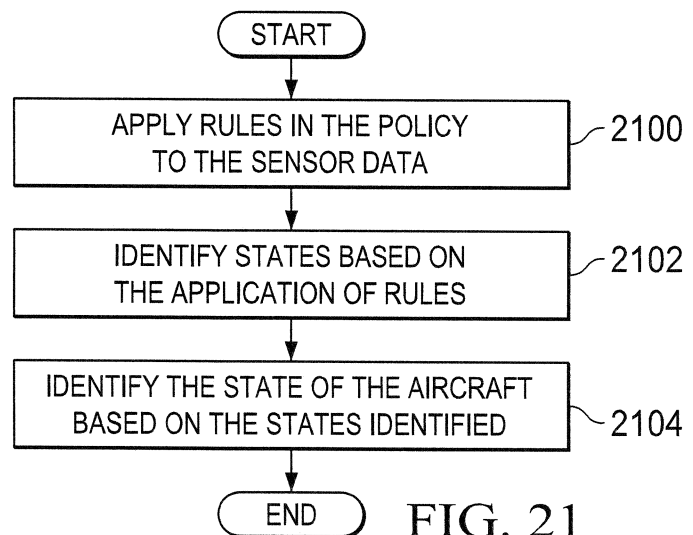


FIG. 21

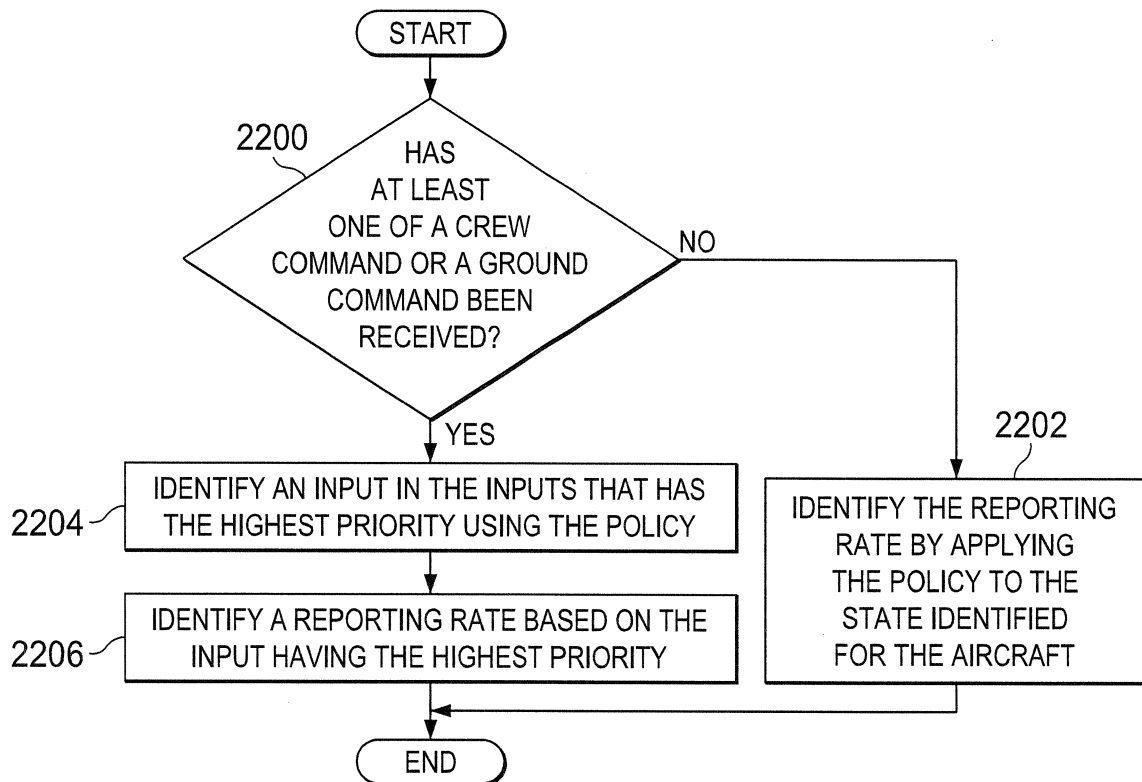


FIG. 22

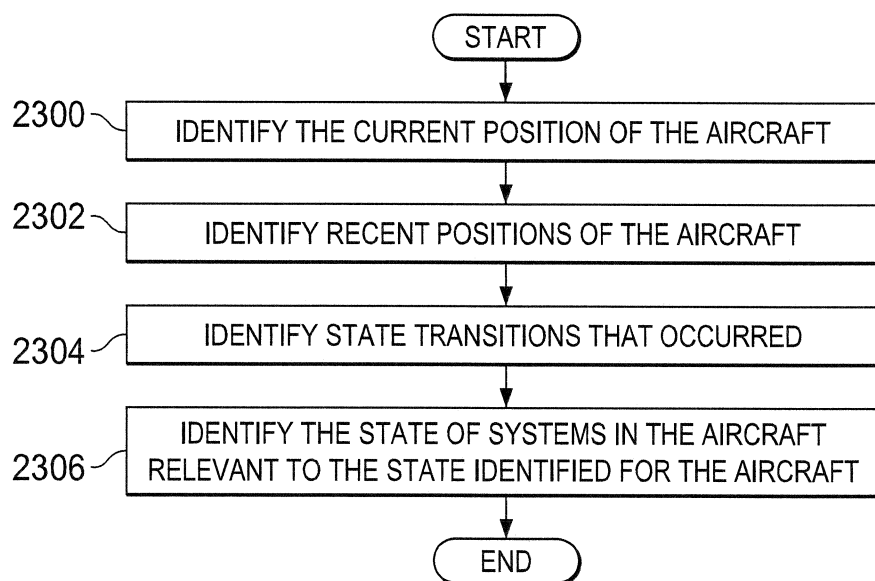


FIG. 23

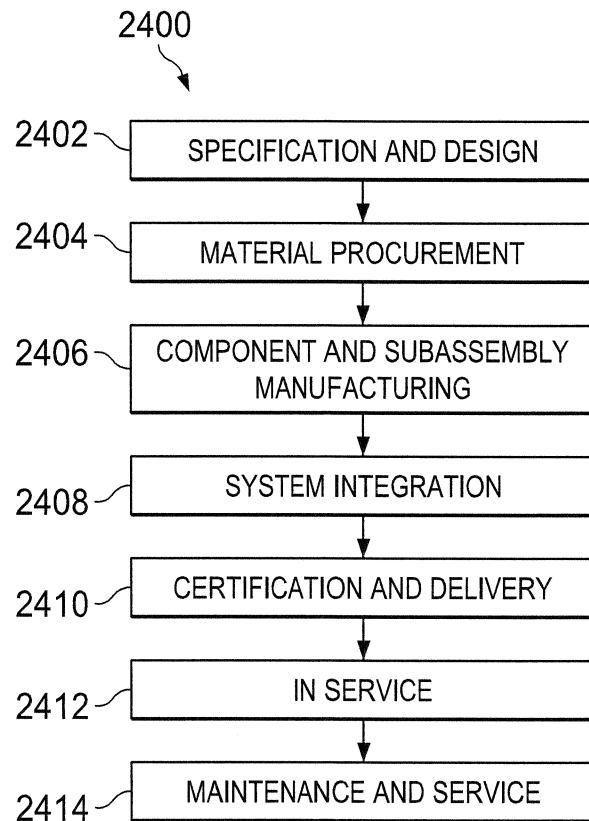


FIG. 24

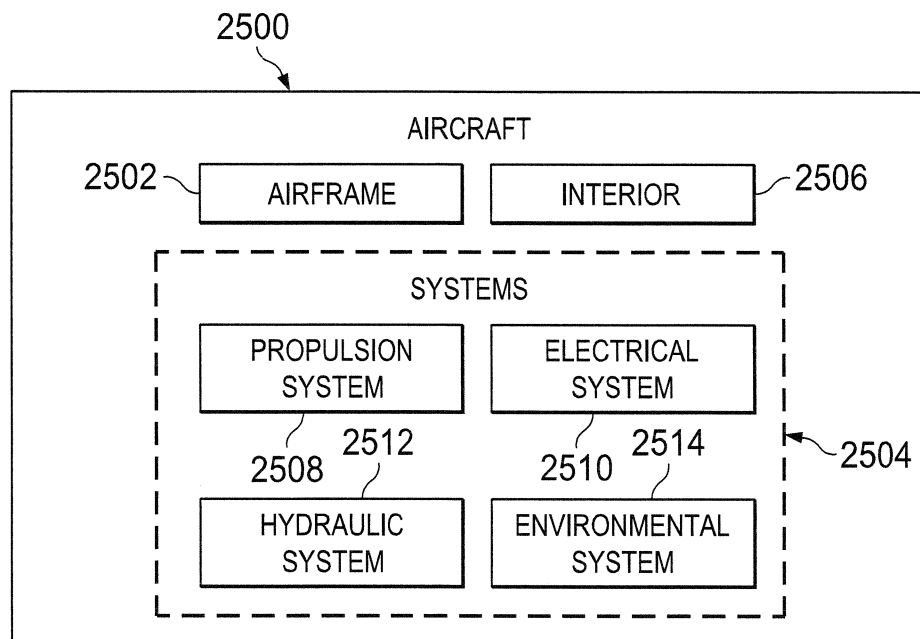


FIG. 25