

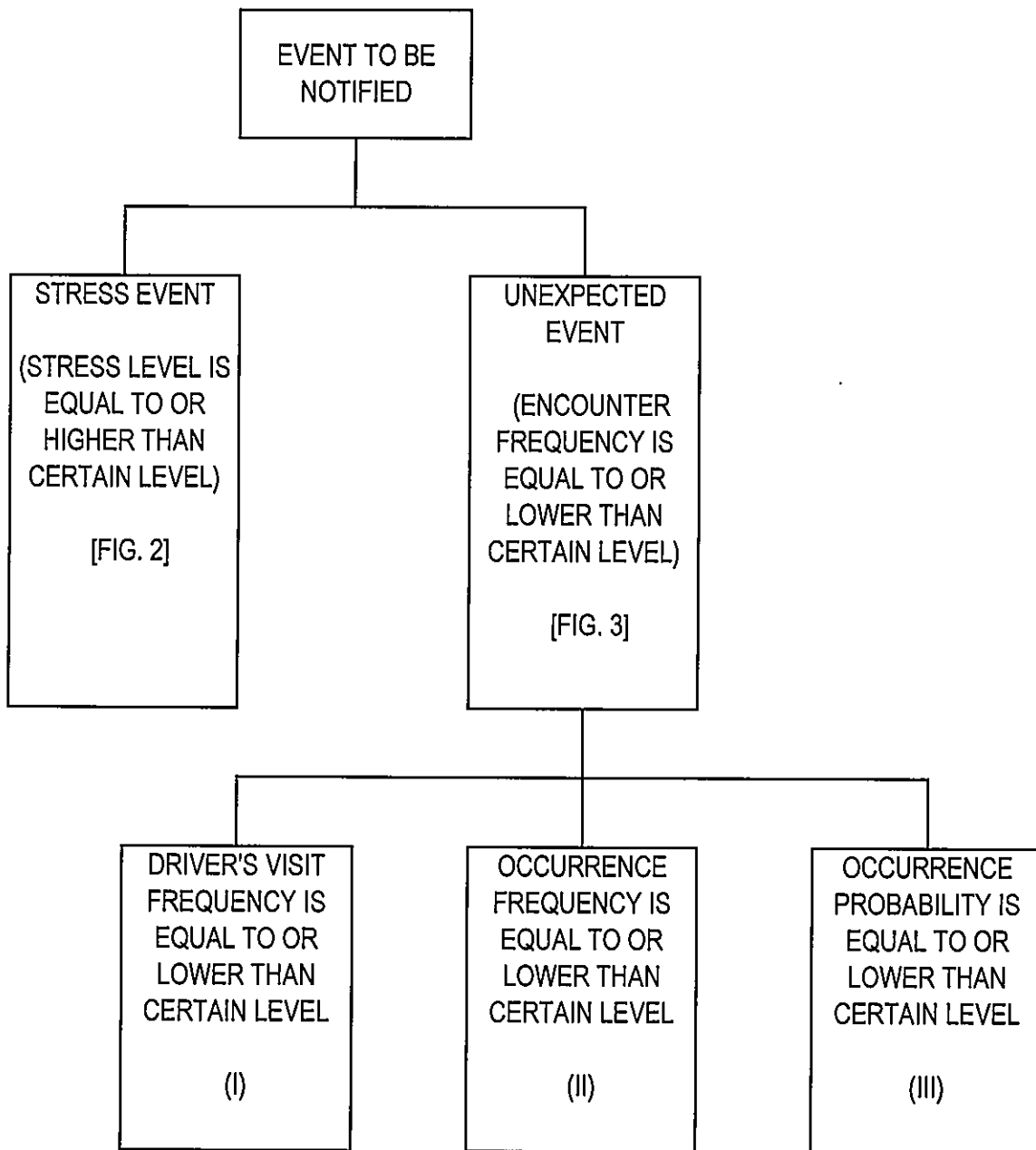


Fig. 1

<STRESS EVENT>

EVENT EXAMPLE	BASIS FOR JUDGMENT	BASIS DATA
TAILGATING VEHICLE	HISTORY OF TAILGATING BEHAVIOR: INTER-VEHICLE DISTANCE, SPEED	UPLOADED DATA
SELF-PACED LOW- SPEED VEHICLE	HISTORY OF SPEED LIMITING BEHAVIOR: INTER-VEHICLE DISTANCE, SPEED, DIFFERENCE IN SPEED	
CUTTING-IN VEHICLE	HISTORY OF CUTTING-IN BEHAVIOR: LANE CHANGE OPERATION, CUTTING-IN BEHAVIOR	
HIGH-FREQUENCY BRAKING VEHICLE	HISTORY OF OPERATION: BRAKING FREQUENCY, SPEED, INTER- VEHICLE DISTANCE	
MANNER VIOLATION VEHICLE	HISTORY OF MANNER: TURN SIGNAL, RIGHT/LEFT TURN, STARTING/STOPPING	
NARROW ROAD	ROAD WIDTH, DIFFERENCE IN ROAD WIDTH	MAP DATA

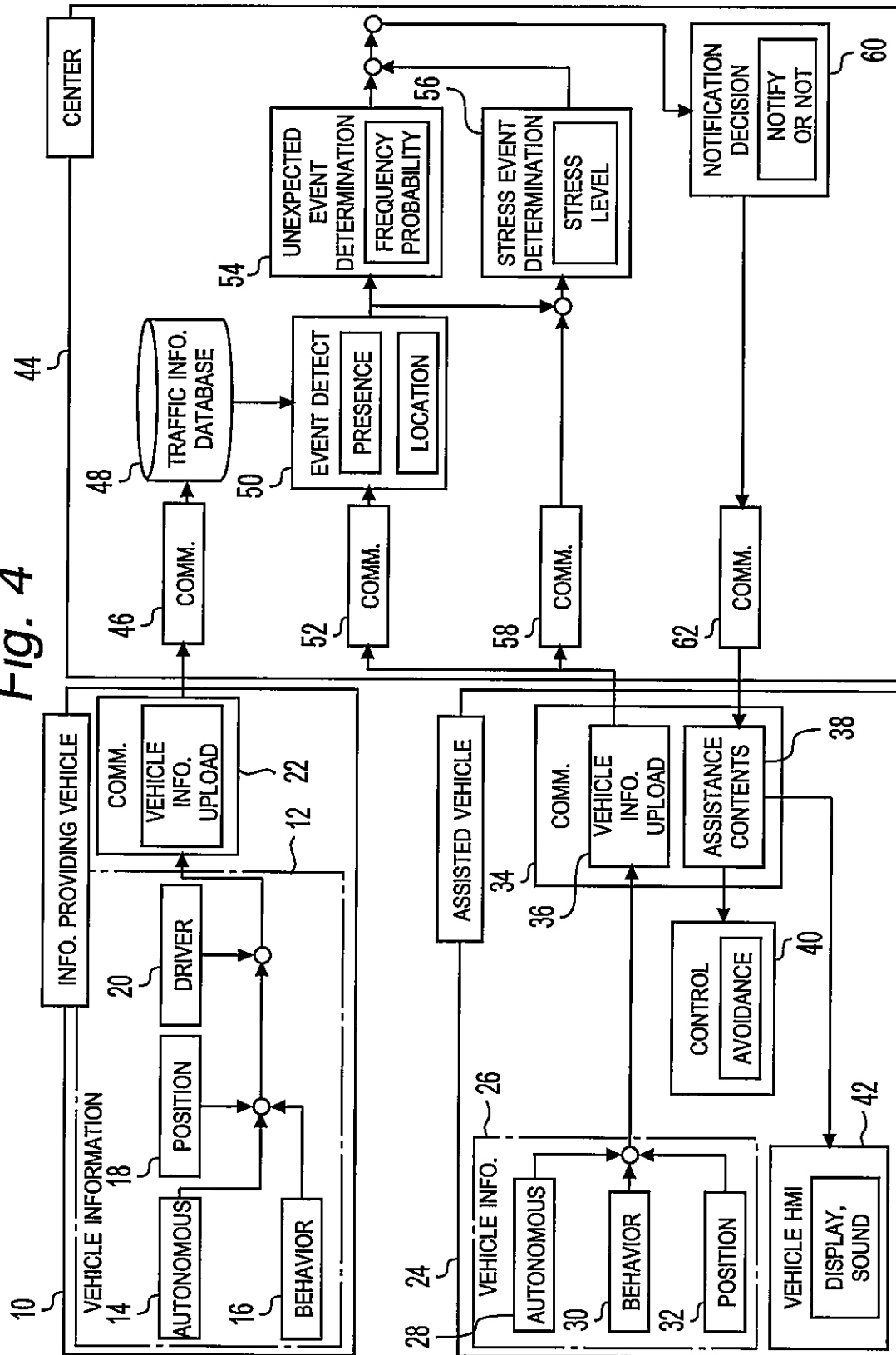
Fig. 2

<UNEXPECTED EVENT>

TYPE	EVENT EXAMPLE		BASIS DATA	DRIVER SITUATION			
				LIVING AREA		OUTSIDE LIVING AREA	
				ACTIVITY HOUR	OFF-ACTIVITY HOUR		
REGULAR EVENT	DECELERATION HUMP APPEARING AROUND BLIND CURVE		MAP DATA	EXPECTED	EXPECTED	UNEXPECTED	
	CHRONIC TRAFFIC CONGESTION OCCURRING AROUND BLIND CURVE						
HOUR EVENT	DECELERATION HUMP DURING NIGHT-TIME HOURS		MAP DATA, TIME		UNEXPECTED		(I)
	CHRONIC TRAFFIC CONGESTION ON HOLIDAY		UPLOADED DATA		(I)		
	CHRONIC TRAFFIC CONGESTION DURING COMMUTING HOURS						
LOW FREQUENCY EVENT	OCCURRENCE TIME IS BIASED TO SPECIFIC SEASON	ANIMAL	UPLOADED DATA	UNEXPECTED	(II)	(II)	
		POT HOLE ON ROAD					
	OCCURRENCE INTERVAL IS LONG	DISABLED VEHICLE					
		FALLEN OBJECT (E.G. TIRE)					
LOW PROBABILITY EVENT	TRAFFIC SIGNAL THAT SELDOM TURNS RED			(III)	(III)	EXPECTED	

Fig. 3

Fig. 4



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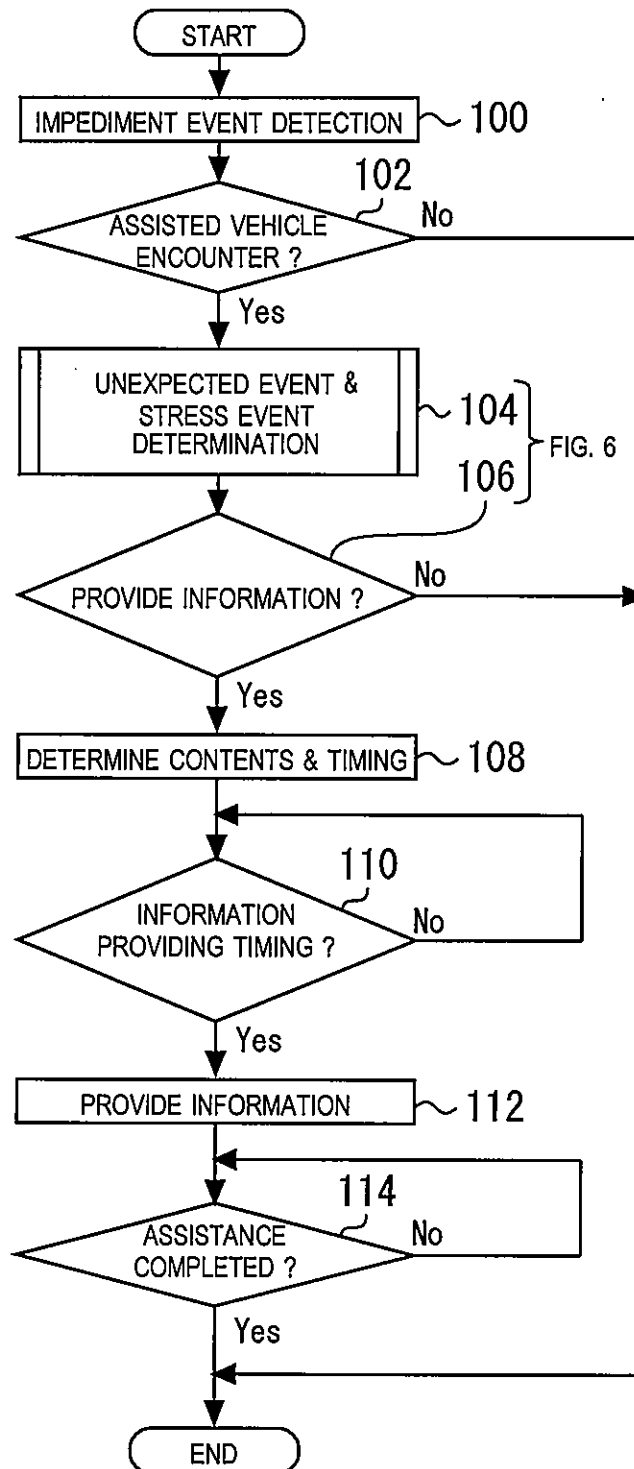


Fig. 5

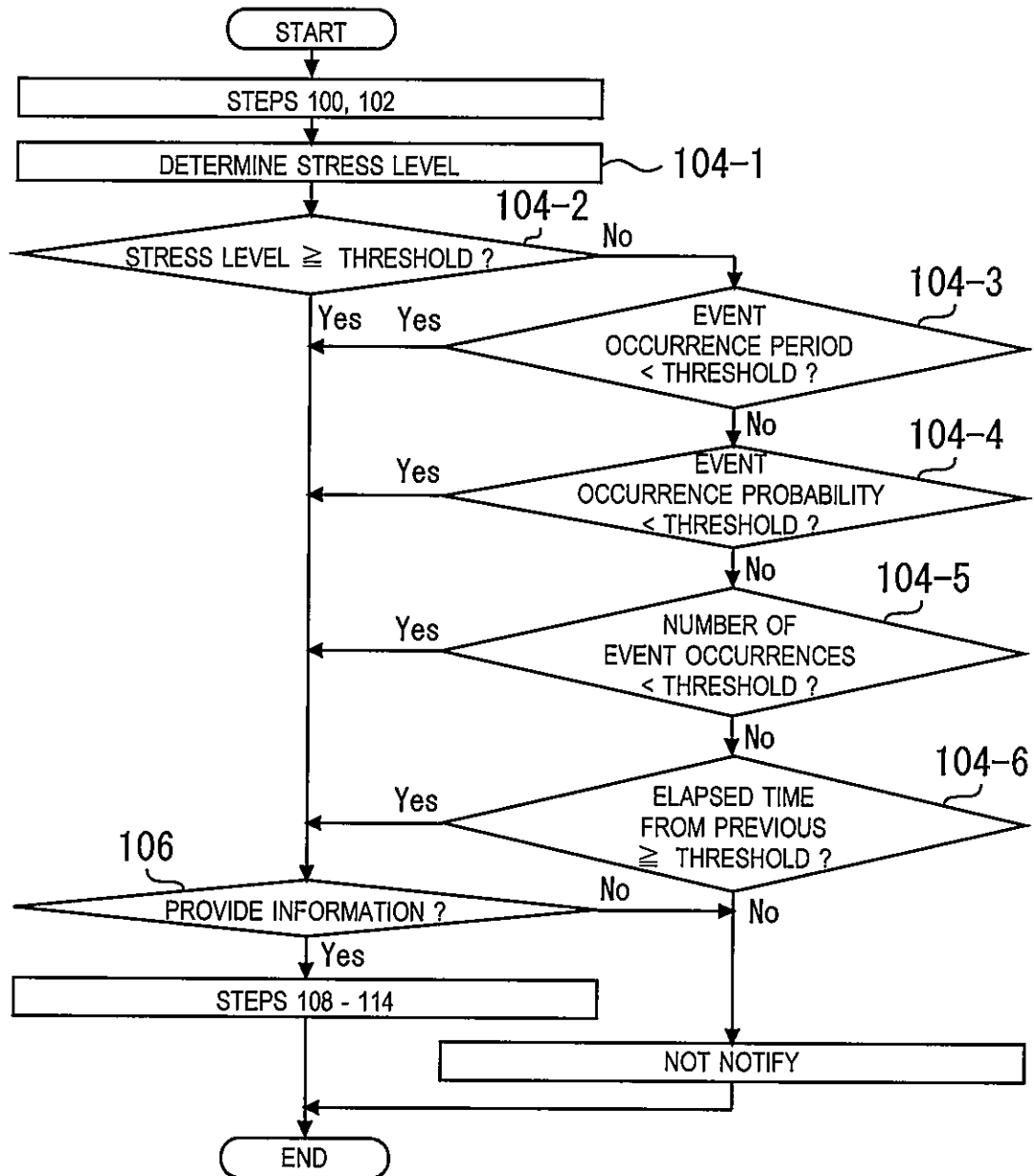
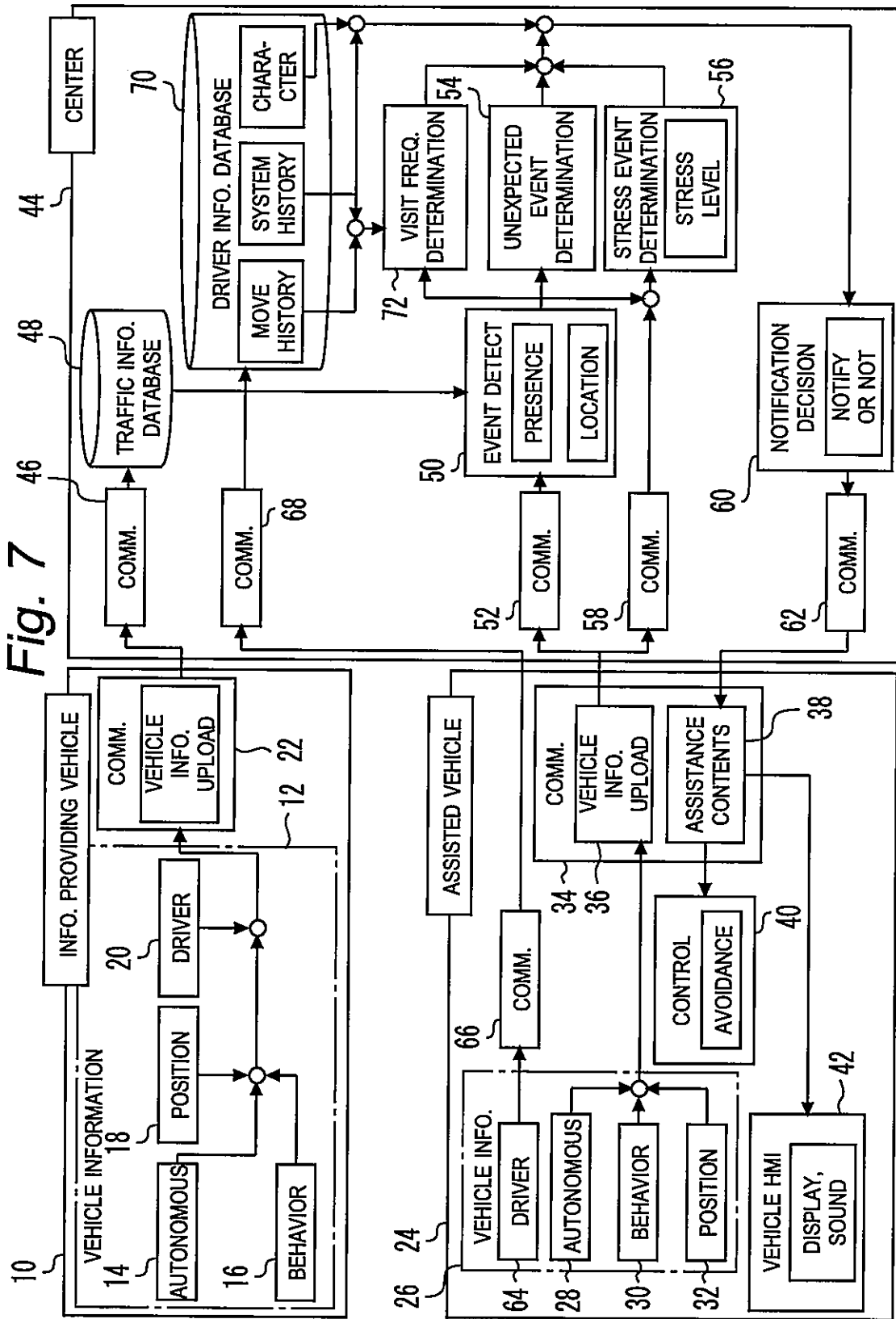


Fig. 6

Fig. 7



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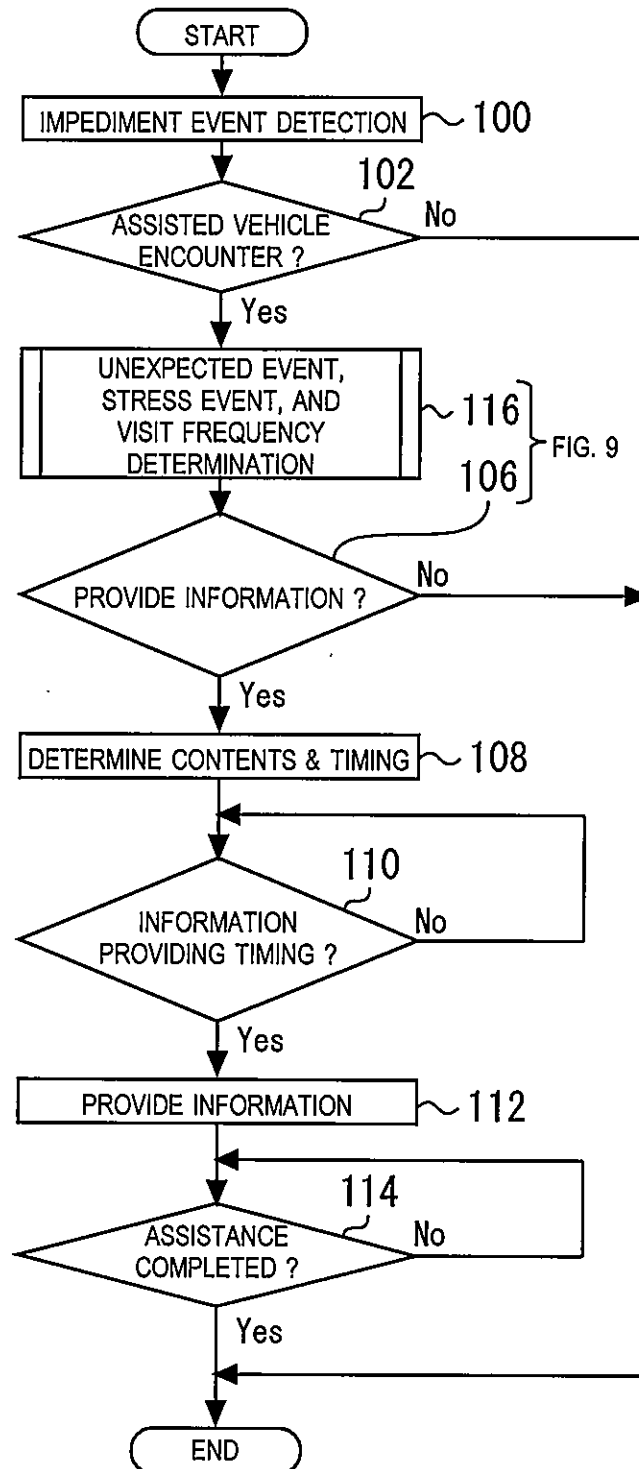


Fig. 8

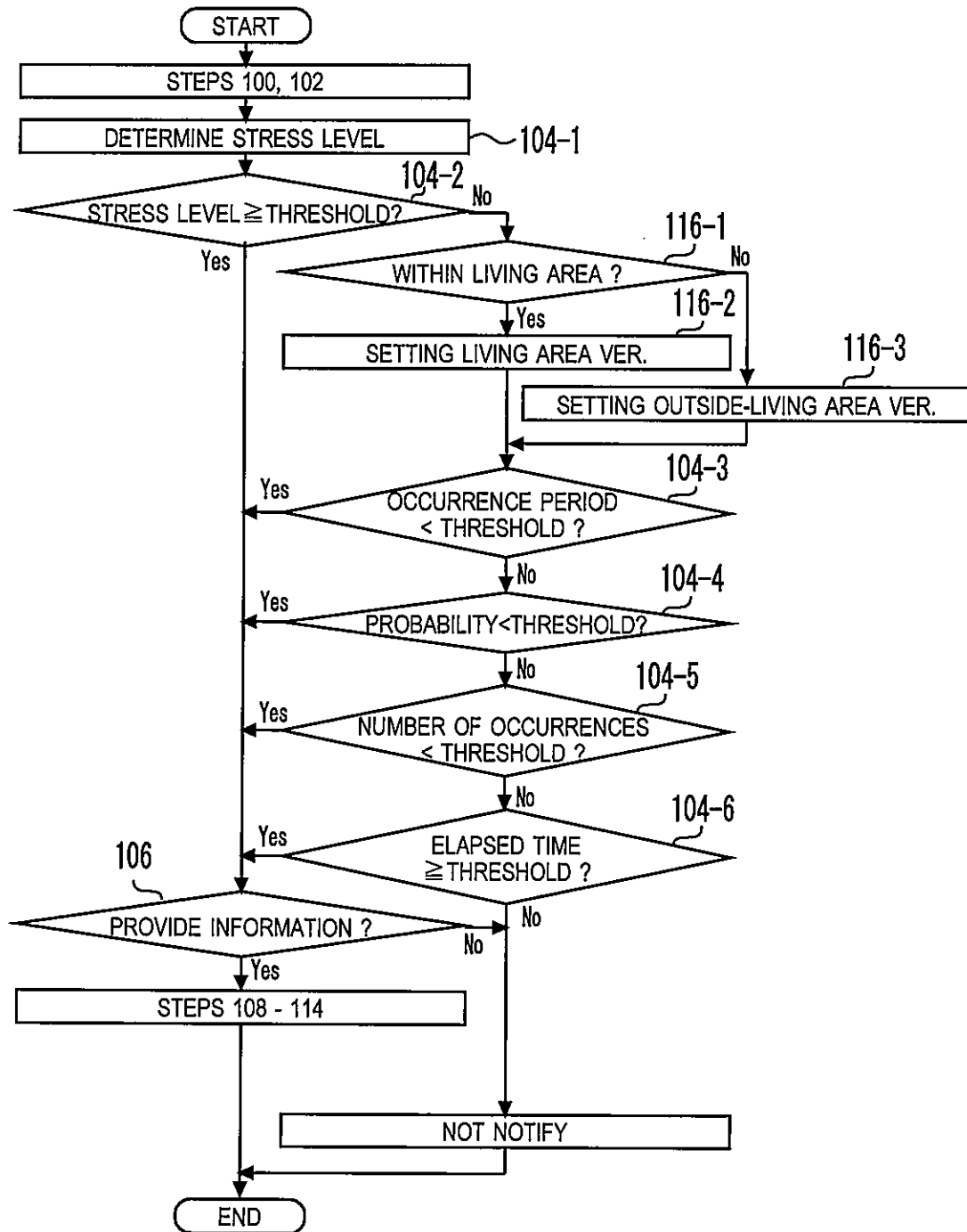
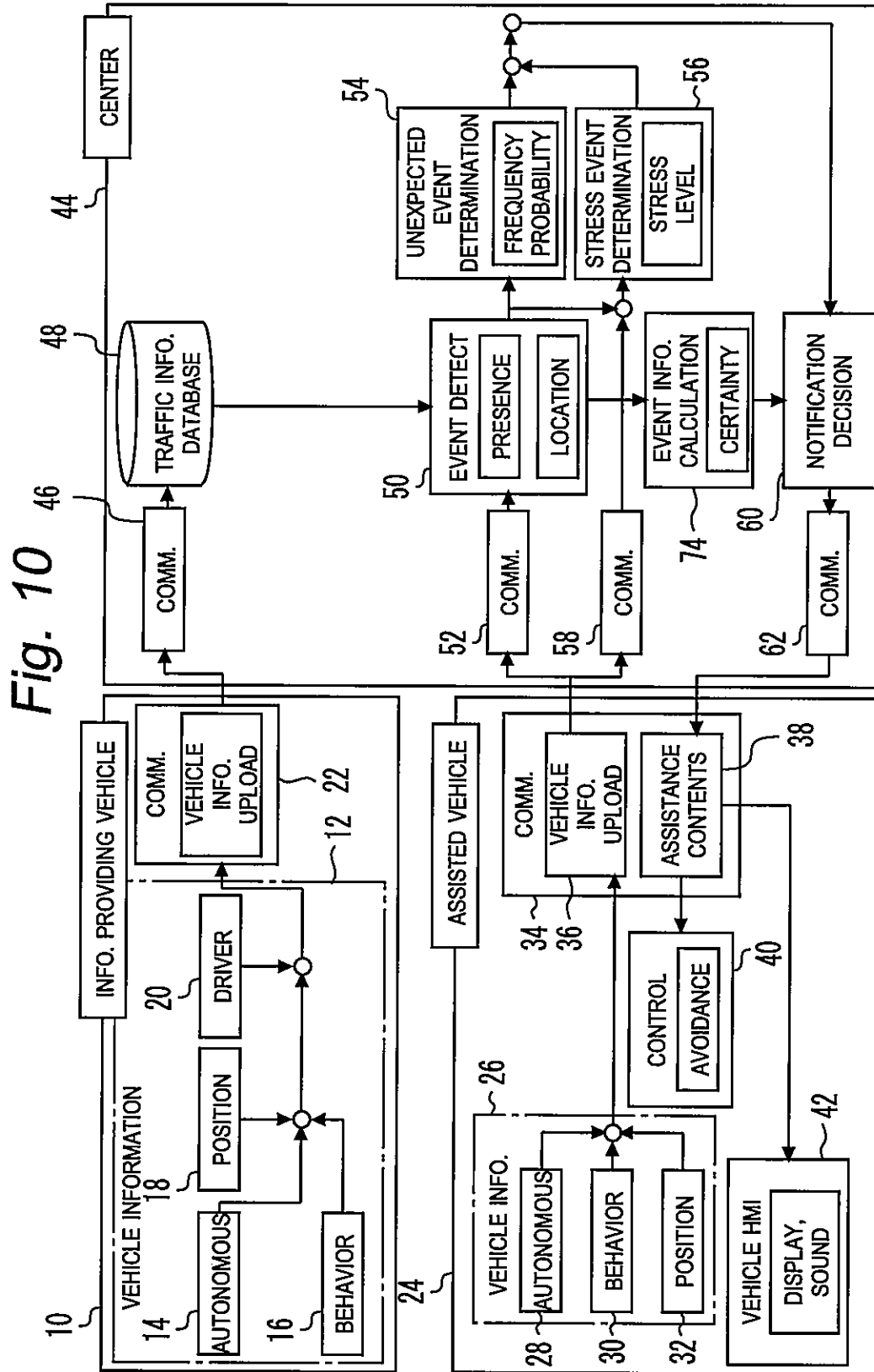


Fig. 9



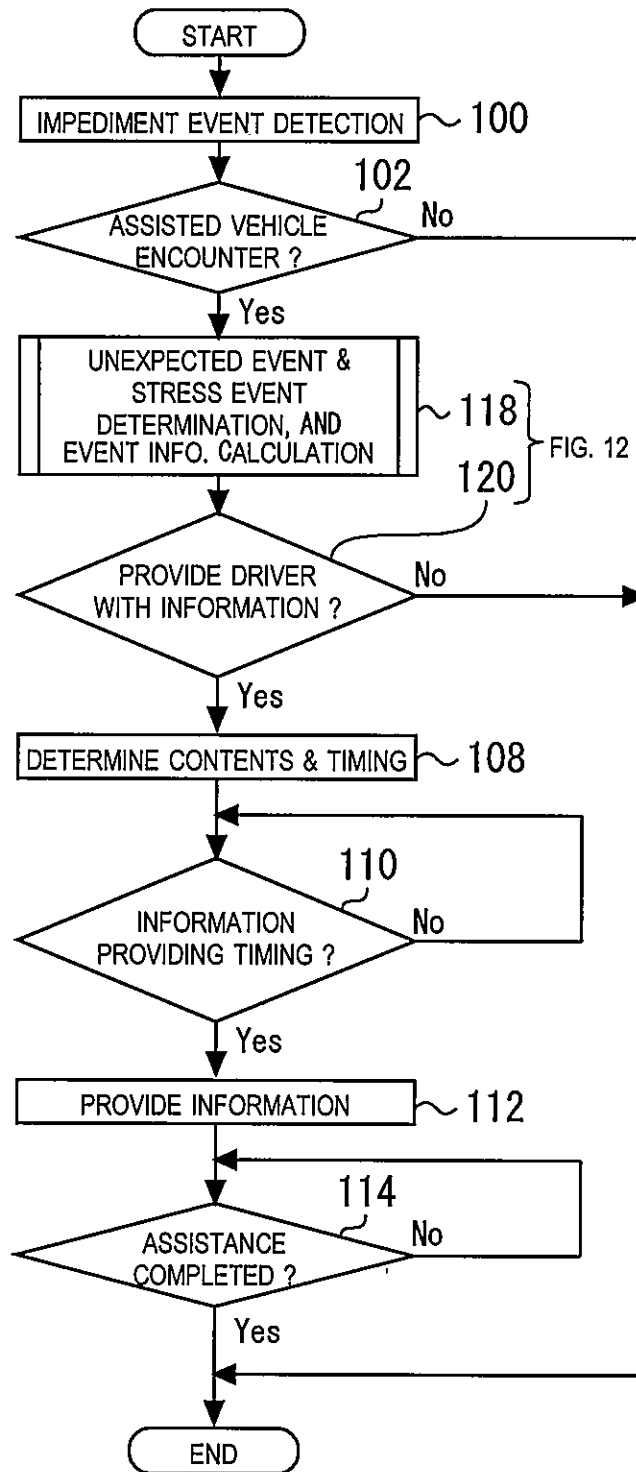


Fig. 11

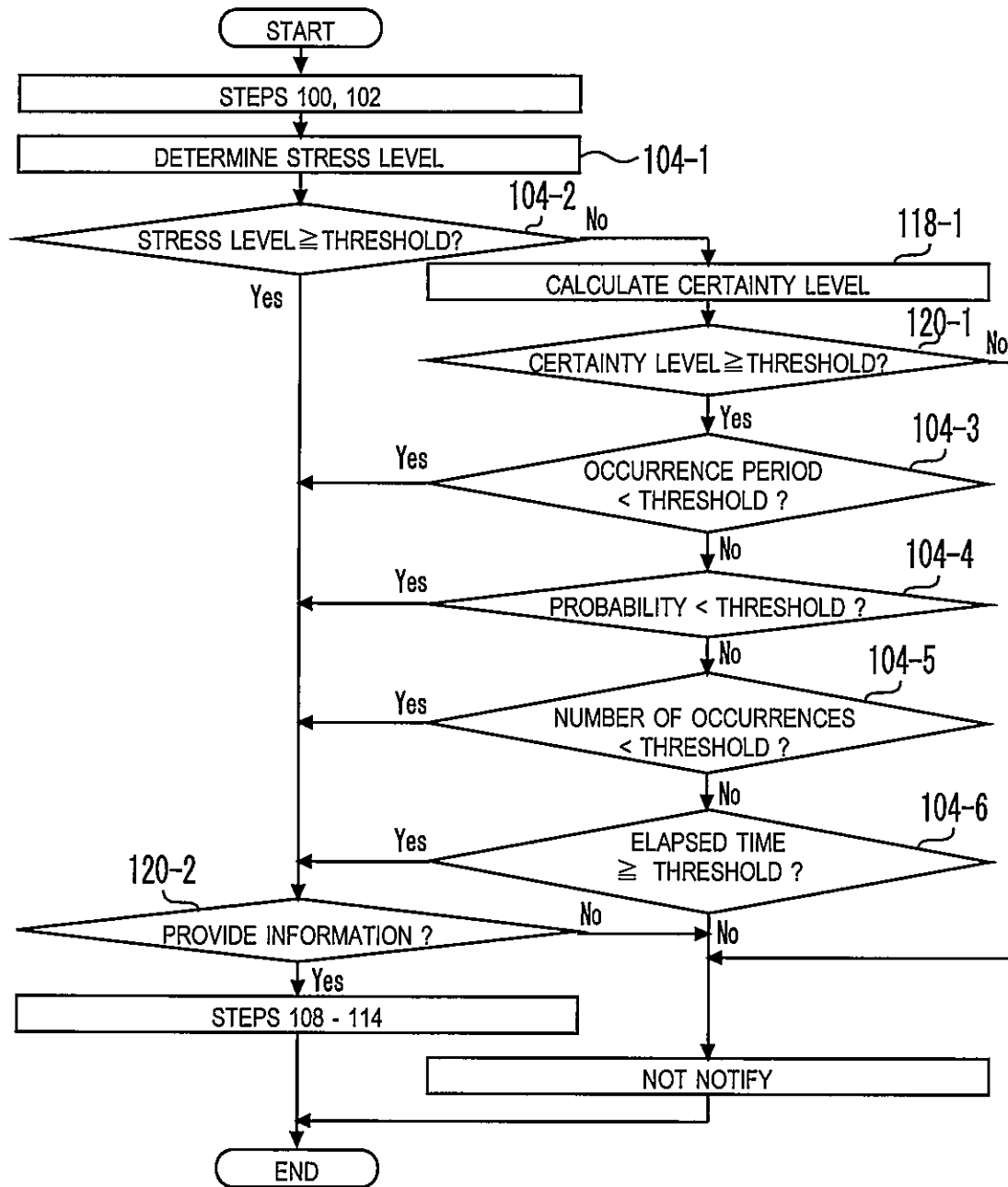


Fig. 12

