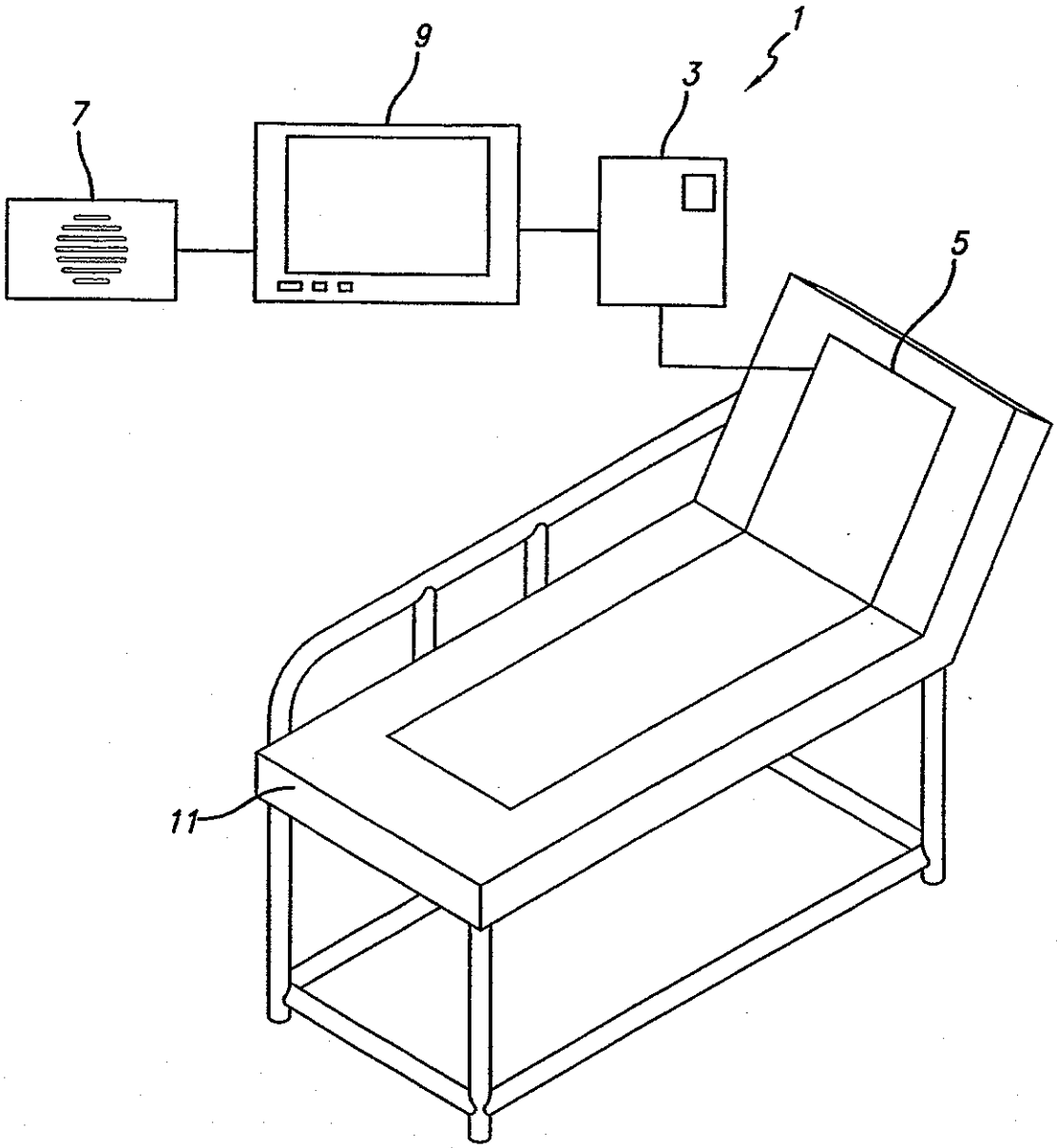


FIG. 1

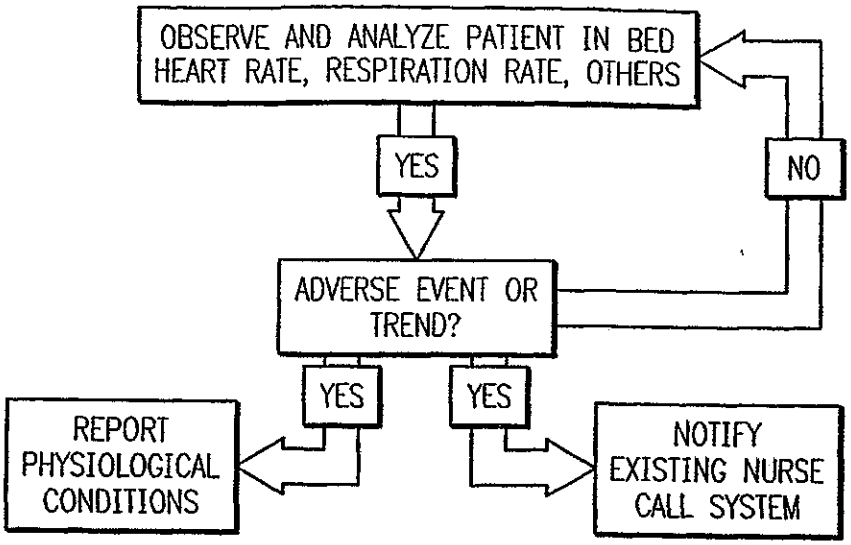

OBSERVE AND ANALYZE PATIENT IN BED HEART RATE, RESPIRATION RATE, OTHERS
YES
NO
ADVERSE EVENT OR TREND?
YES
YES
REPORT PHYSIOLOGICAL CONDITIONS
NOTIFY EXISTING NURSE CALL SYSTEM

FIG. 2

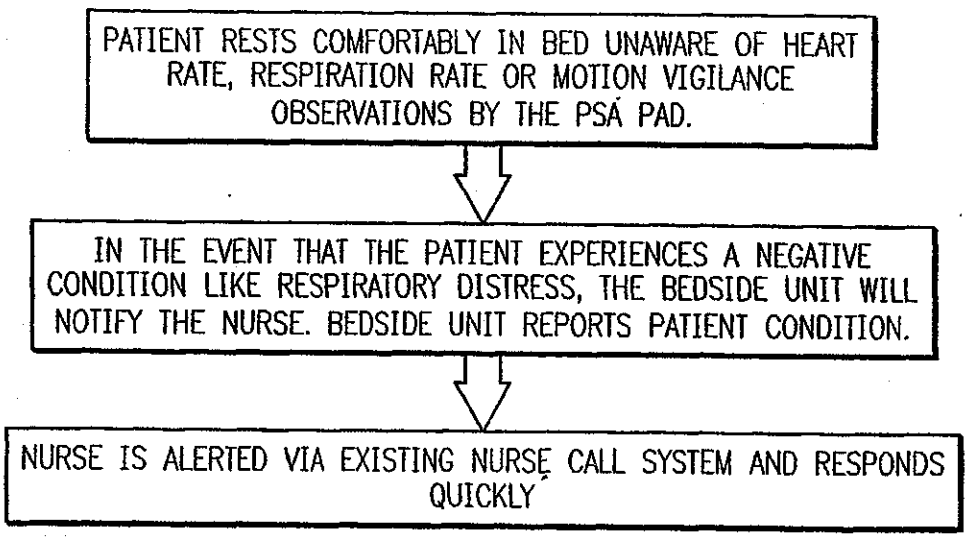

PATIENT RESTS COMFORTABLY IN BED UNAWARE OF HEART RATE, RESPIRATION RATE OR MOTION VIGILANCE OBSERVATIONS BY THE PSA PAD.
IN THE EVENT THAT THE PATIENT EXPERIENCES A NEGATIVE CONDITION LIKE RESPIRATORY DISTRESS, THE BEDSIDE UNIT WILL NOTIFY THE NURSE. BEDSIDE UNIT REPORTS PATIENT CONDITION.
NURSE IS ALERTED VIA EXISTING NURSE CALL SYSTEM AND RESPONDS QUICKLY

FIG. 3

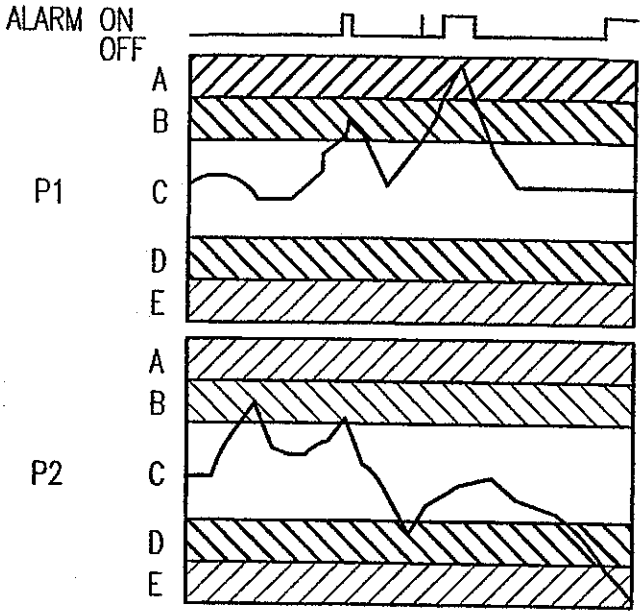


FIG. 4

PARAMETER 1 (P1)	PARAMETER 2 (P2)	ALARM	NOTES
A	A OR B OR C OR D OR E	YES	P1 ⇧ (HARD)
A OR B OR C OR D OR E	A	YES	P2 ⇧ (HARD)
E	A OR B OR C OR D OR E	YES	P1 ⇧ (HARD)
A OR B OR C OR D OR E	E	YES	P2 ⇧ (HARD)
B	B	YES	P1 ⇧ P2 ⇧ (SOFT)
B	C	NO	
B	D	YES	P1 ⇧ P2 ⇧ (SOFT)
C	B	NO	
C	C	NO	
C	D	NO	
D	B	YES	P1 ⇧ P2 ⇧ (SOFT)
D	C	NO	
D	D	YES	P1 ⇧ P2 ⇧ (SOFT)

FIG. 5

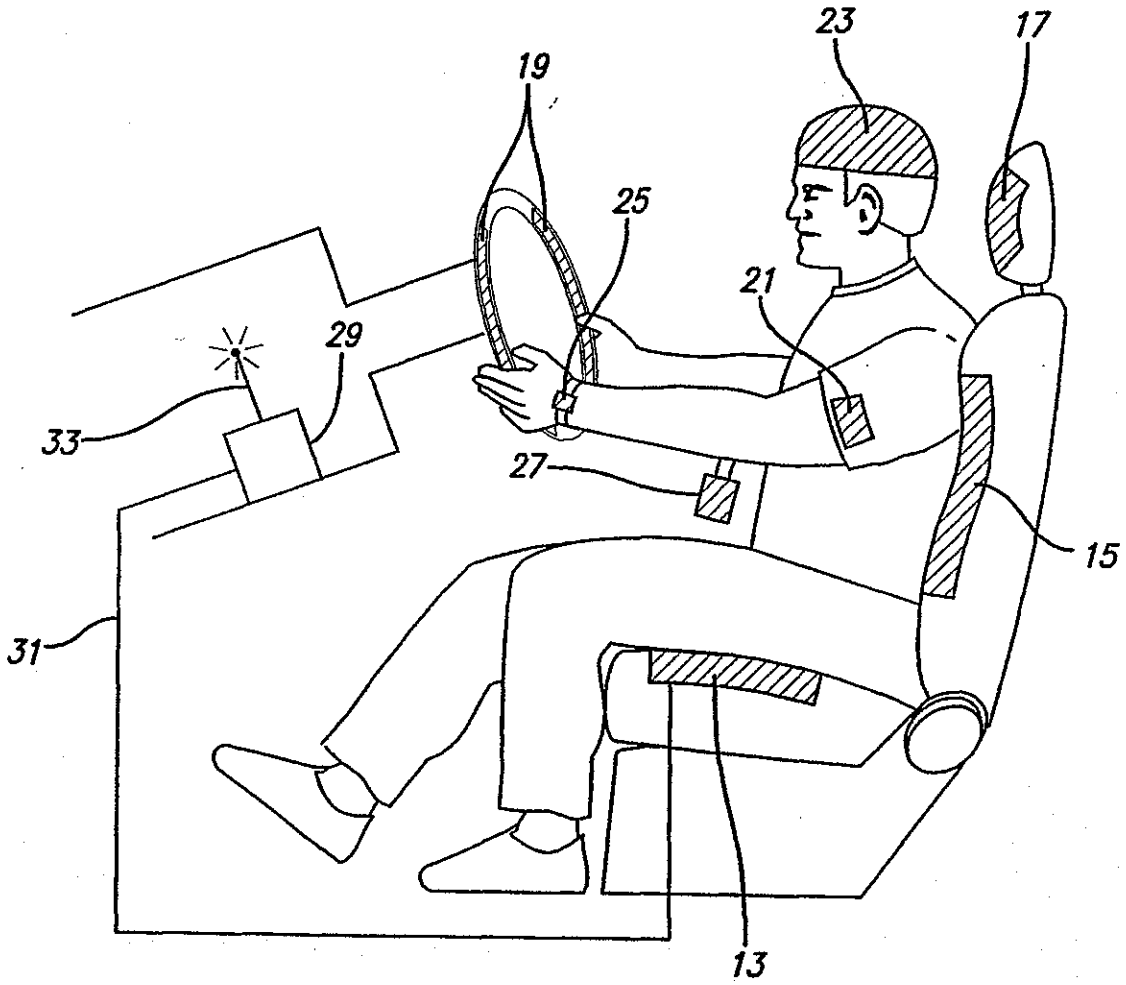


FIG. 6