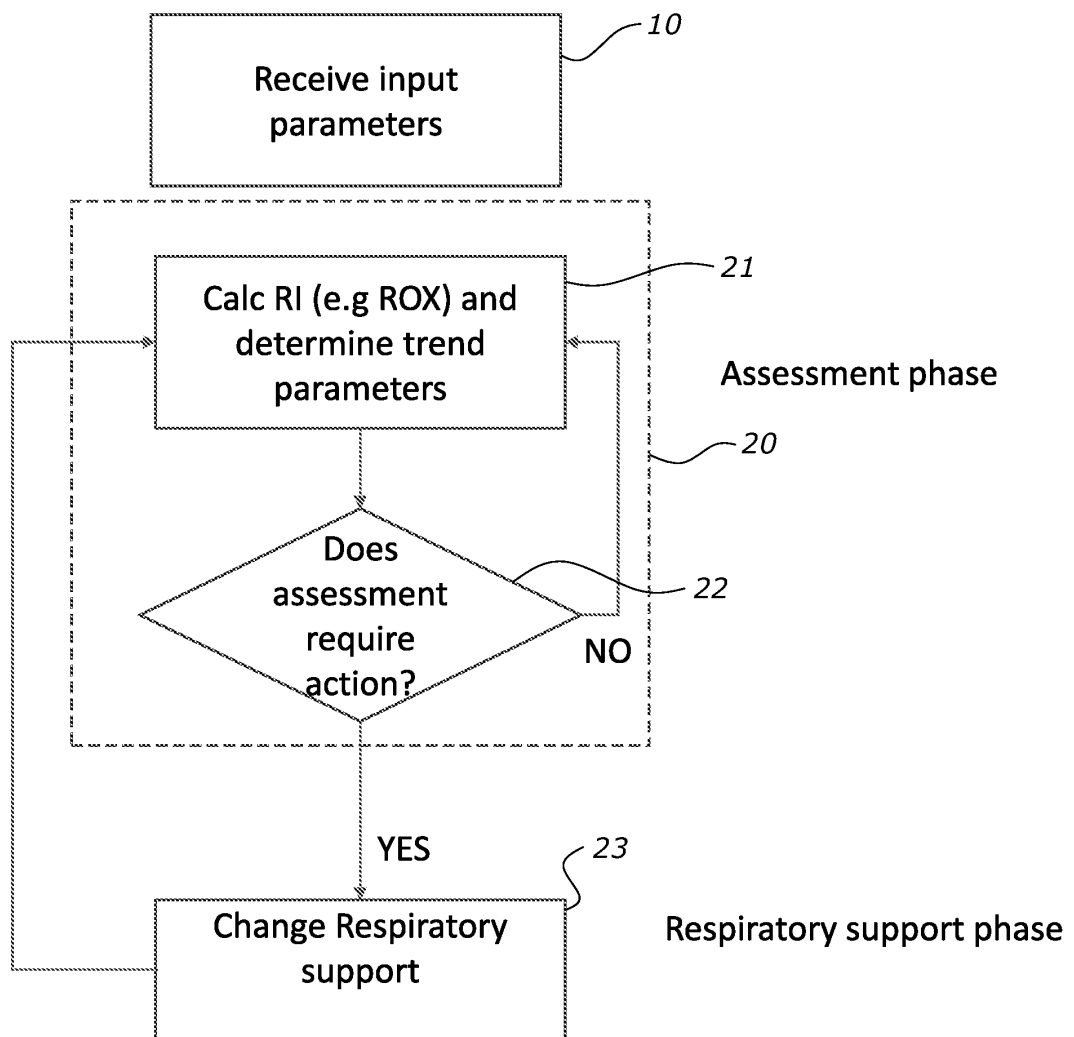


**FIGURE 1**

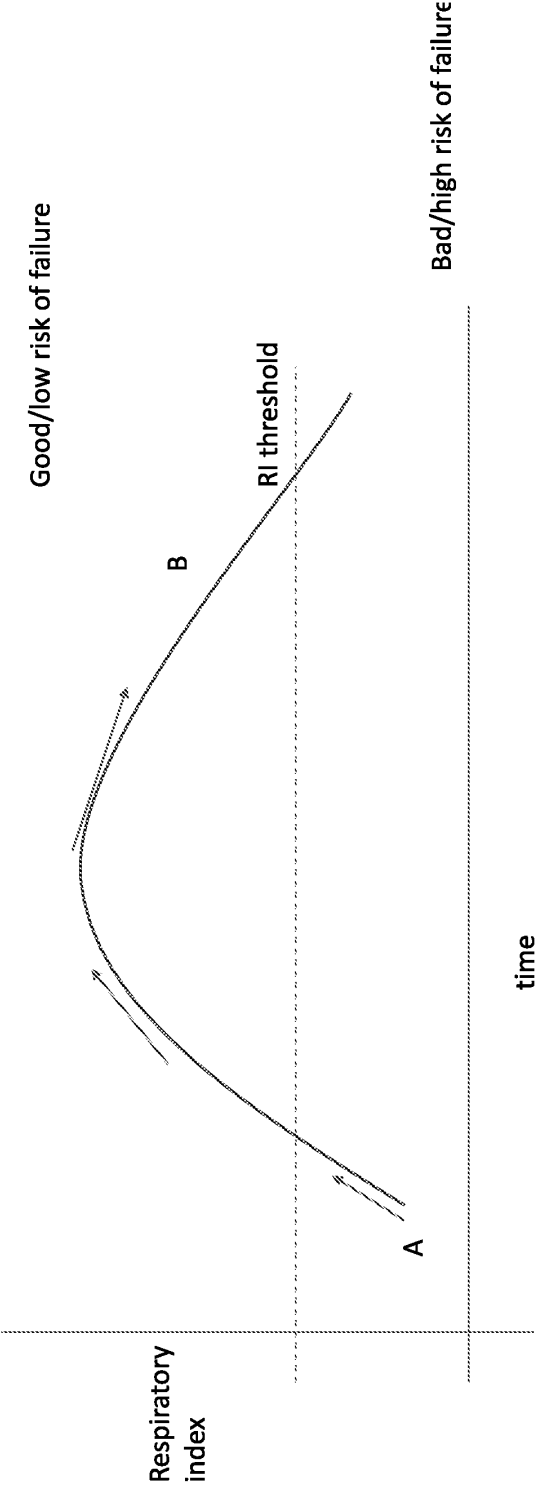


FIGURE 2

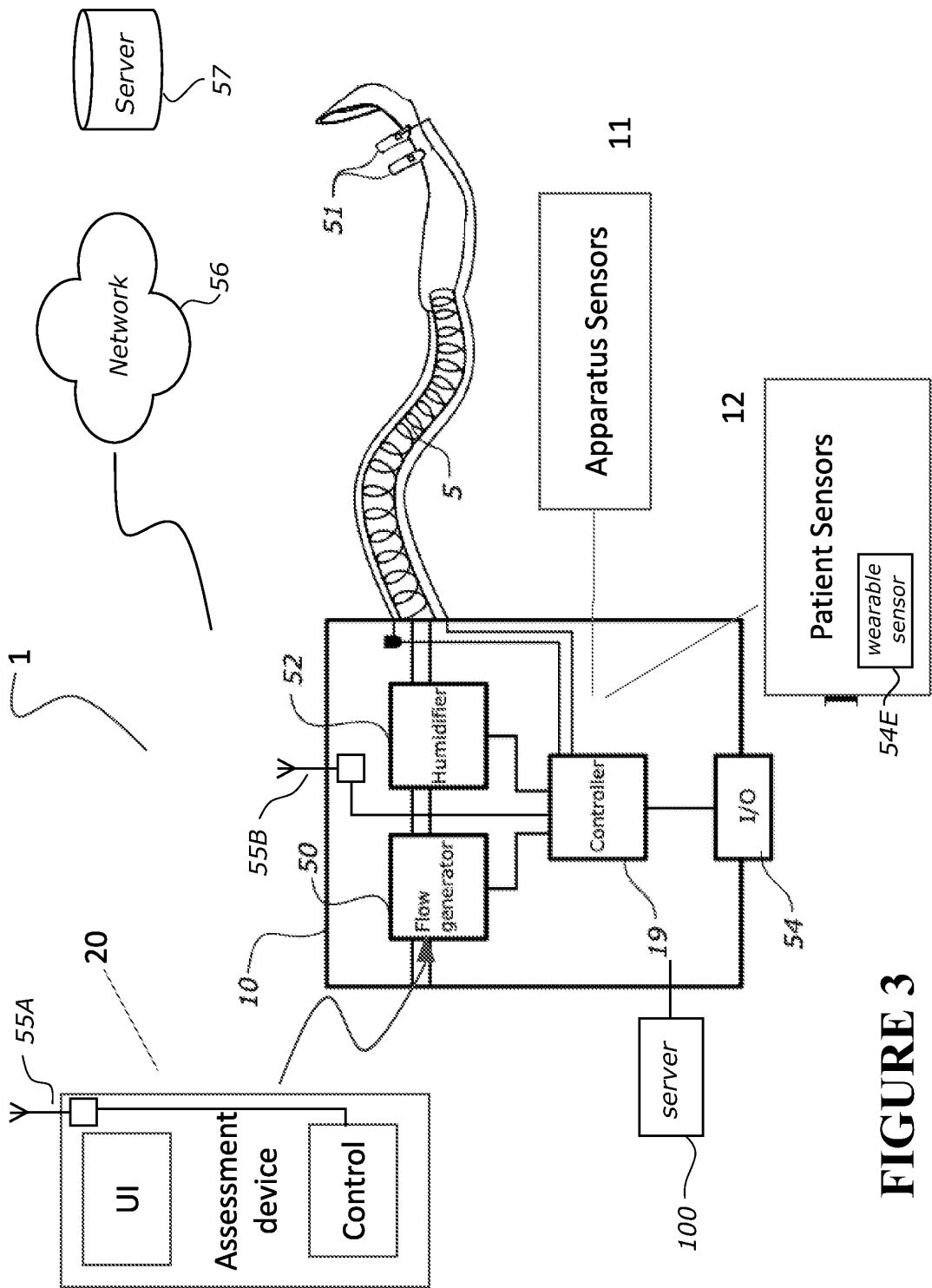


FIGURE 3

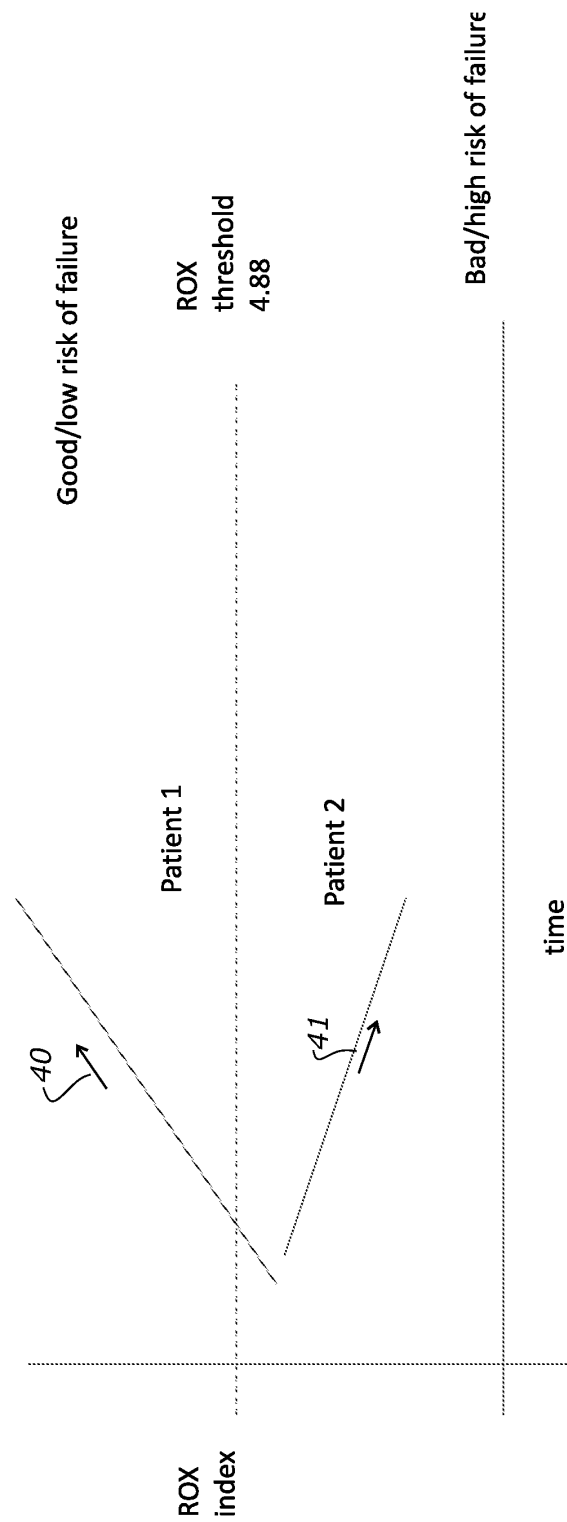
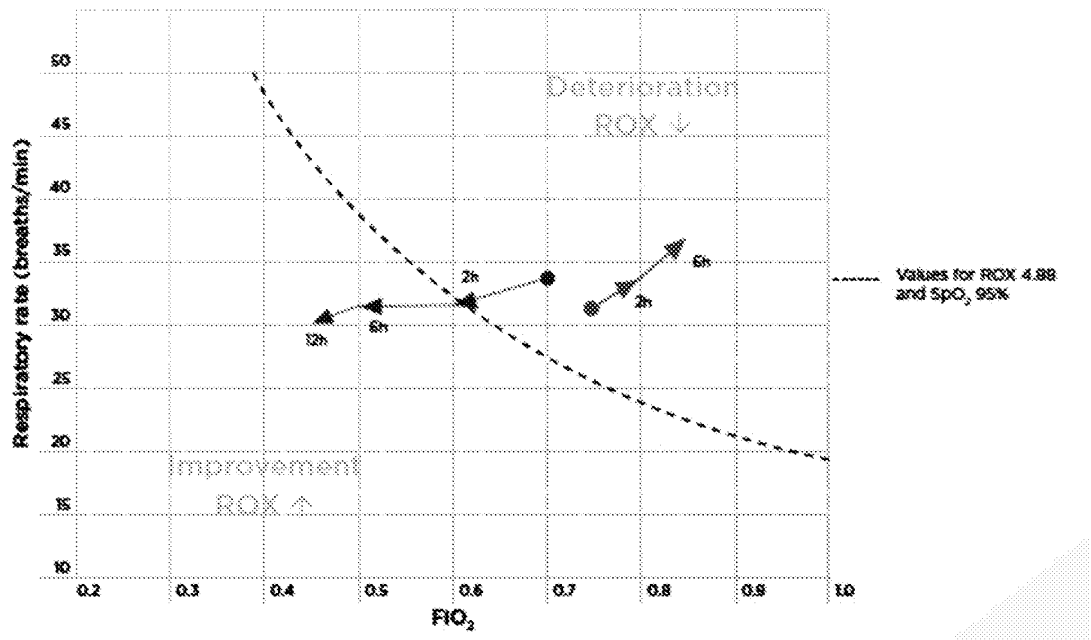


FIGURE 4



4. XY plot between respiratory rate and FI_{O_2} . The blue arrows in a vector form demonstrate a change towards NHF success and the red arrows demonstrate the change towards NHF failure. The dotted line shows the values for ROX at 4.88 and the SpO_2 of 95%.

FIGURE 5

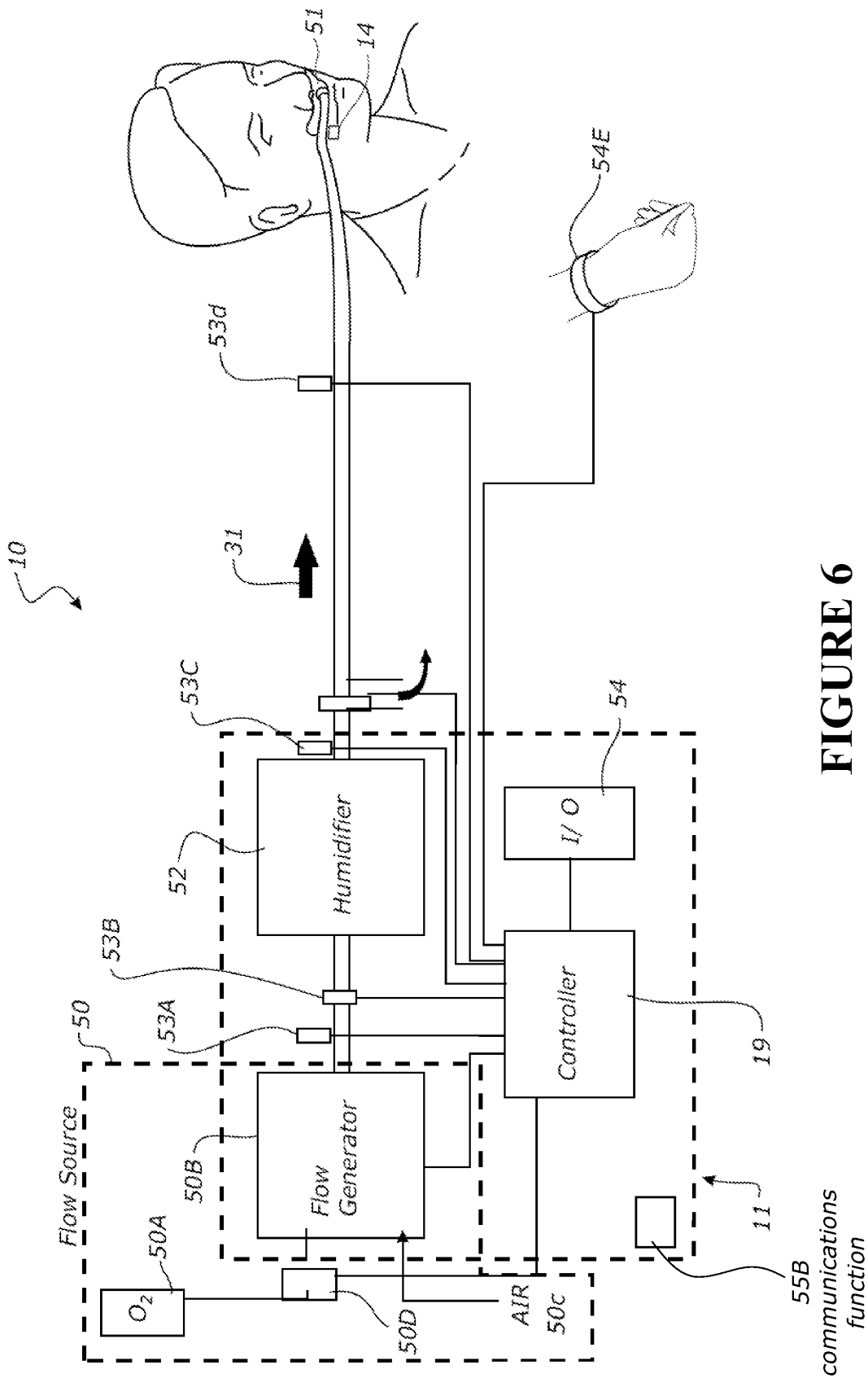


FIGURE 6

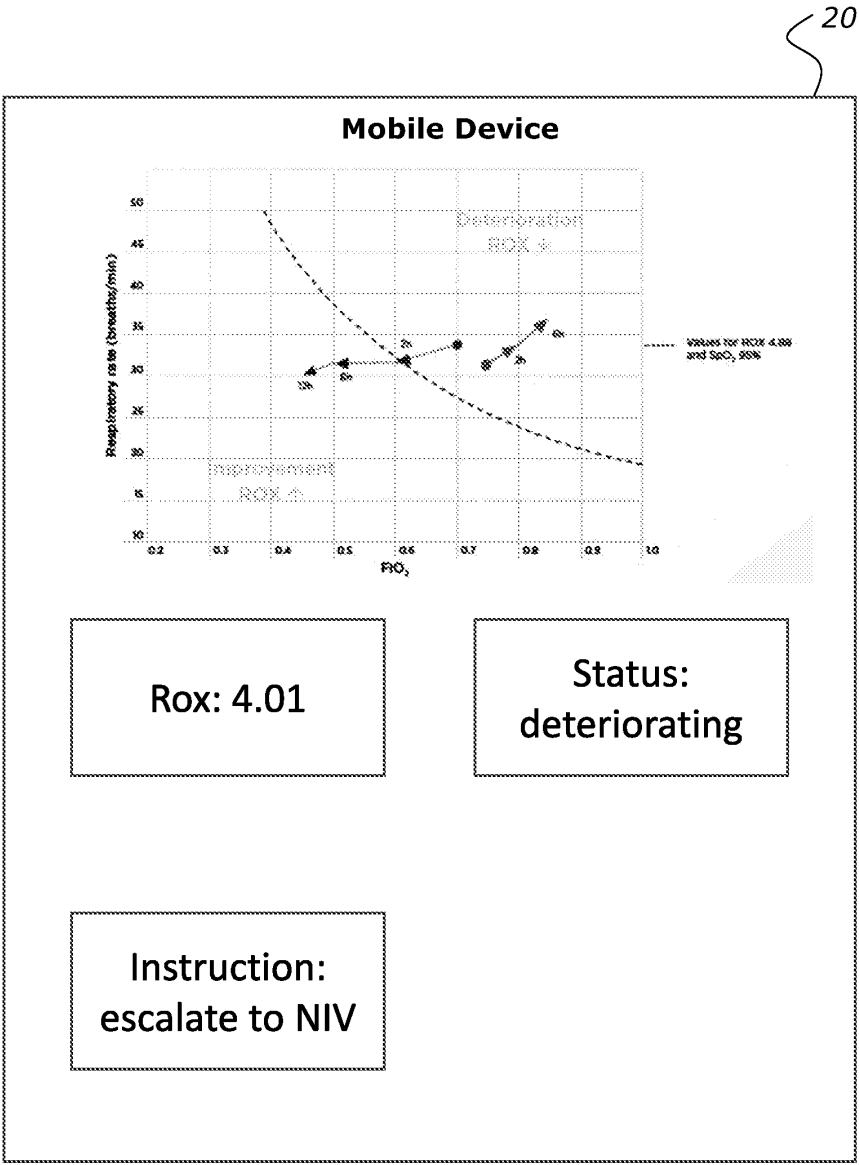


FIGURE 7

Example Use Case #1

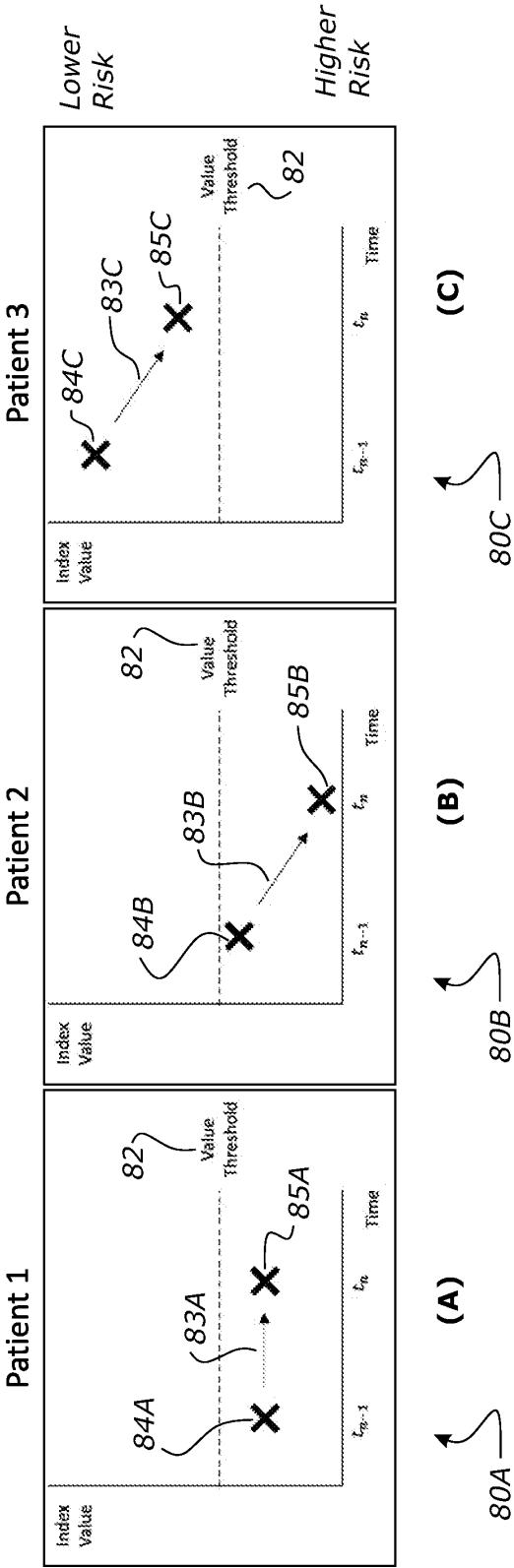


FIGURE 8

Example Use Case #2

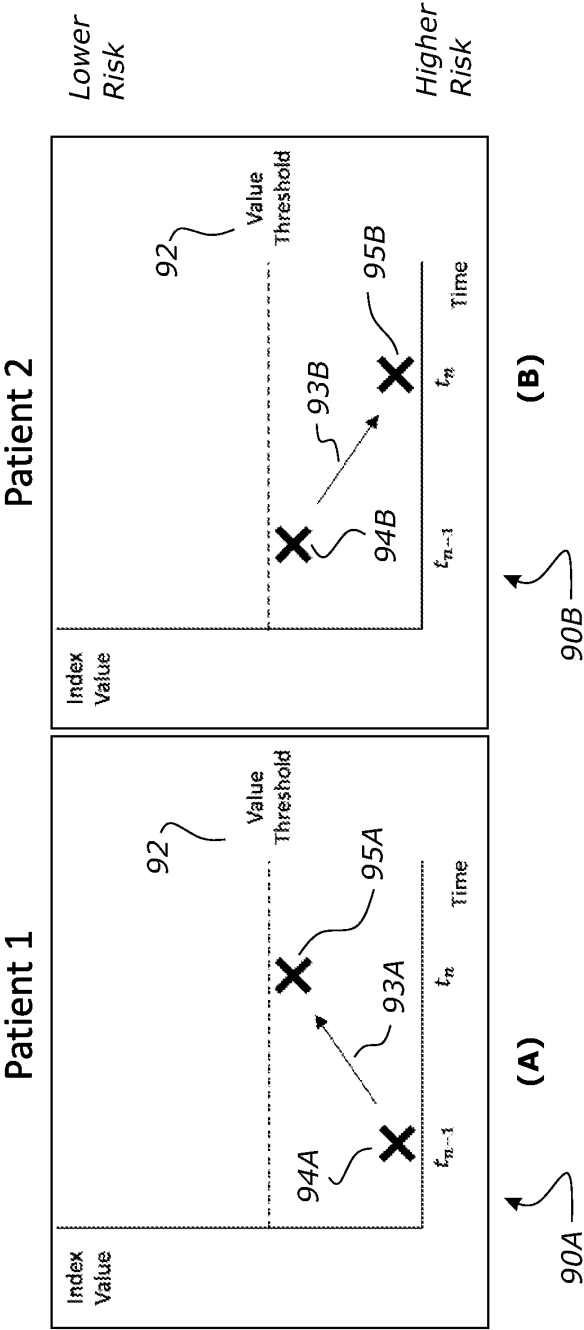


FIGURE 9

Example Use Case #3

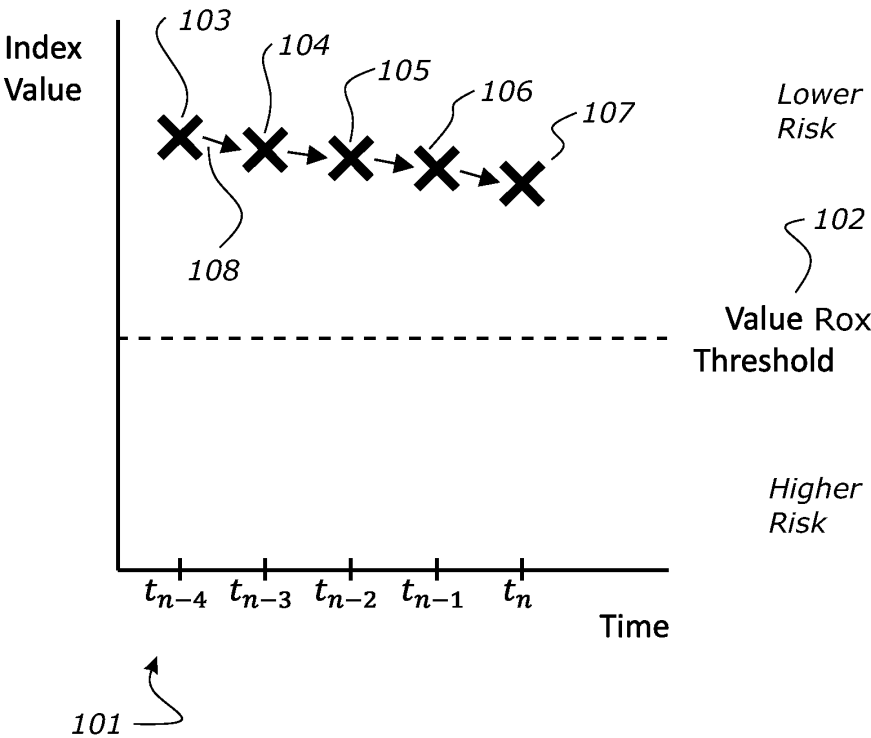


FIGURE 10

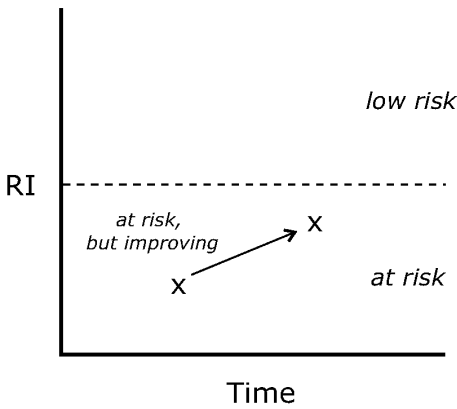


FIGURE 11A

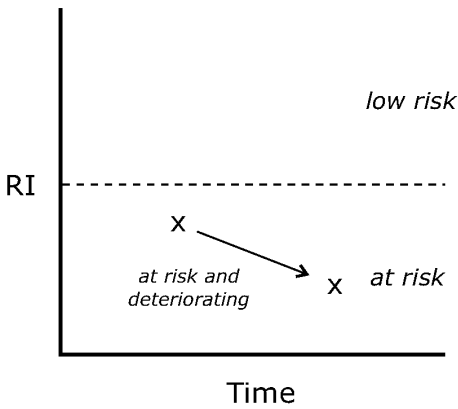


FIGURE 11B

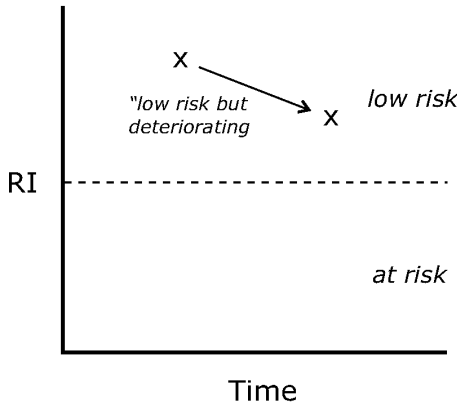


FIGURE 11C

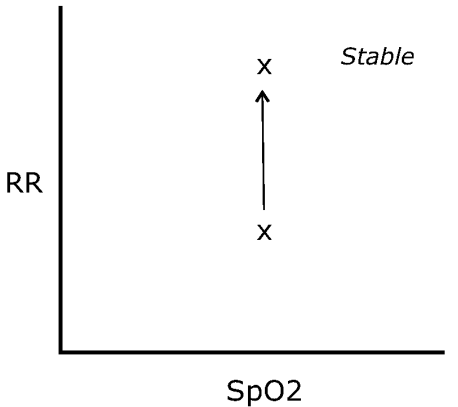


FIGURE 11D

FIGURE 11E

