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(54) **SMALL ANIMAL PULSE OXIMETER USER INTERFACE**

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(57) **ABSTRACT**

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A user interface for a pulse oximetry device that calculates physiologic parameters of a subject including at least a subject's heart rate and  $S_pO_2$ , is disclosed wherein the interface comprises a graphical display of at least one raw data signal of the pulse oximetry device that maintains heart and breath rate components and a display of the calculated heart rate and  $S_pO_2$  of the subject. The interface may further include a user selectable data averaging function in which the interface is configured to selectively obtain and display averages of at least some of the calculated physiologic parameters over a defined period.

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**Related U.S. Application Data**

(63) Continuation-in-part of application No. 11/858,877, filed on Sep. 20, 2007, Continuation-in-part of application No. 11/951,194, filed on Dec. 5, 2007.

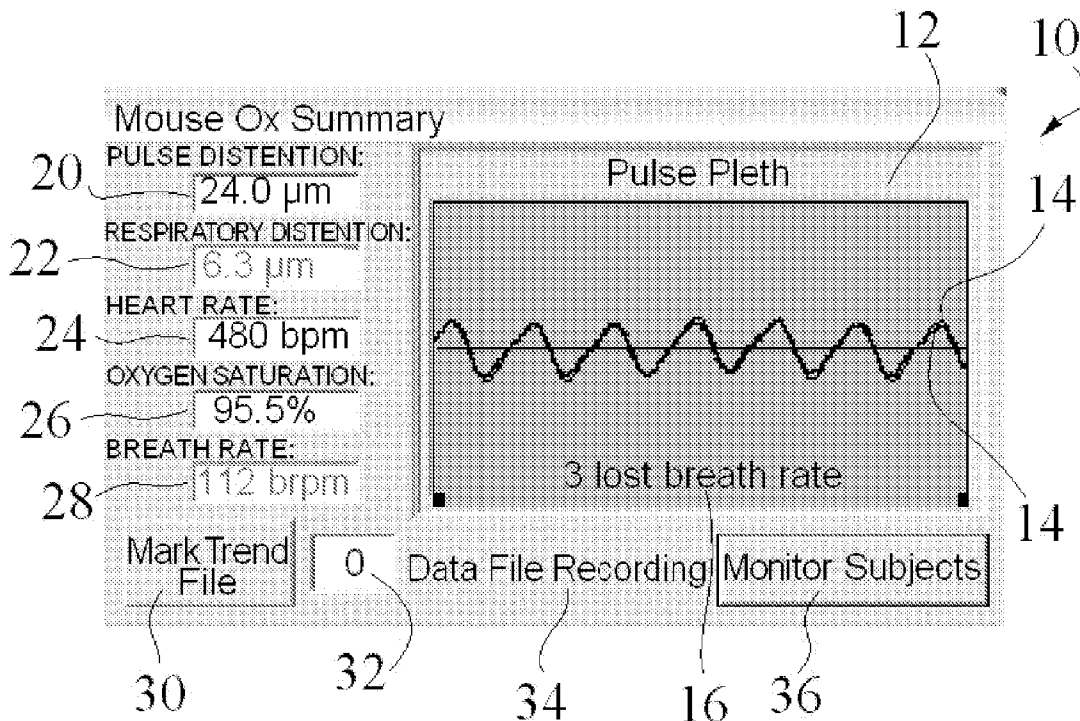


FIGURE 1

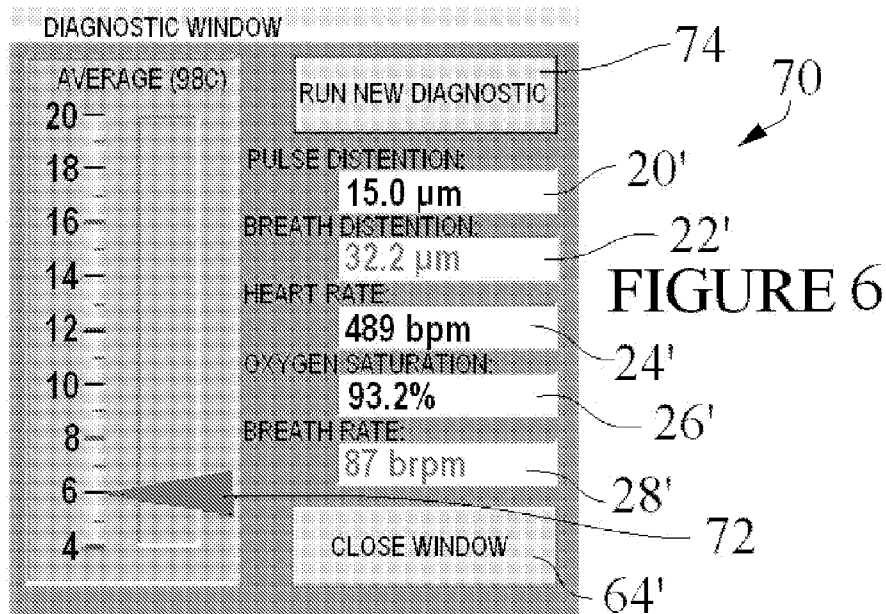
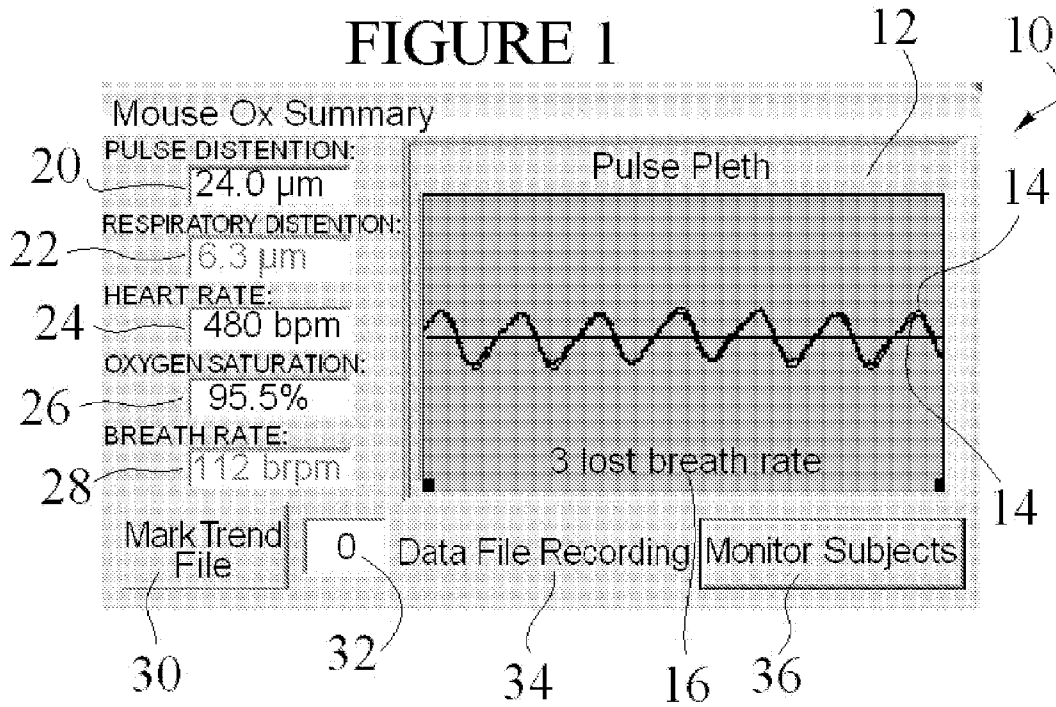


FIGURE 6

### FIGURE 2

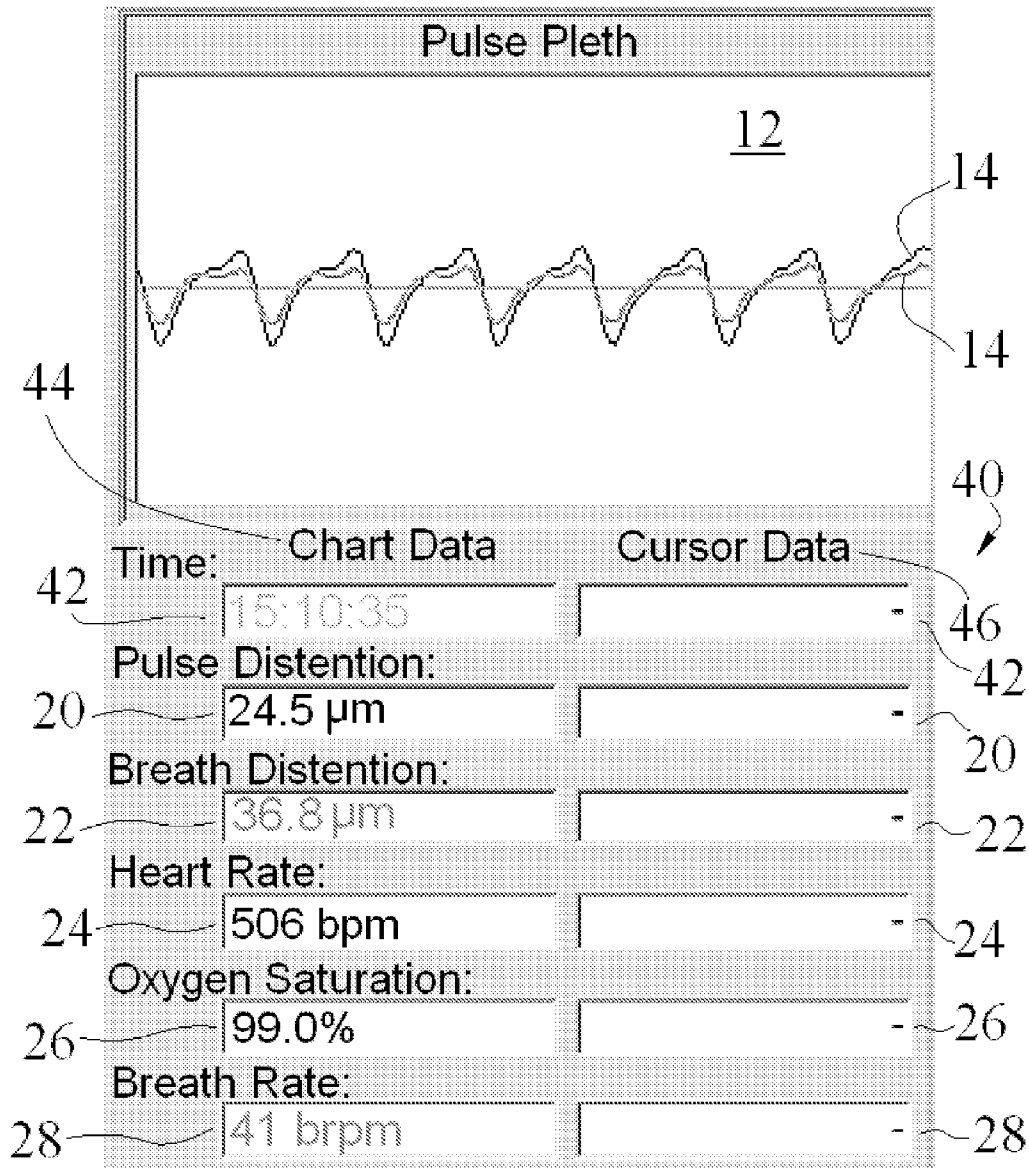
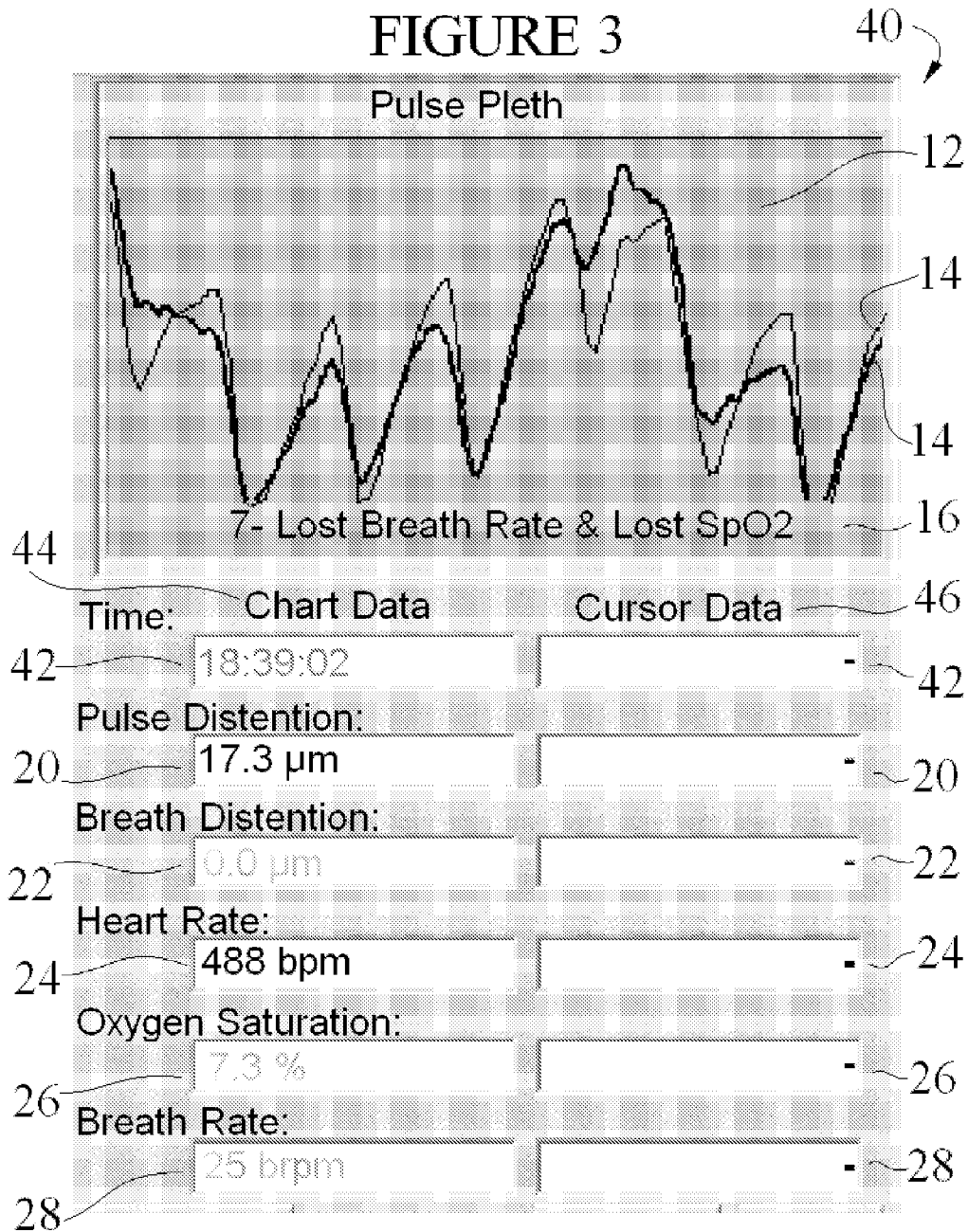


FIGURE 3



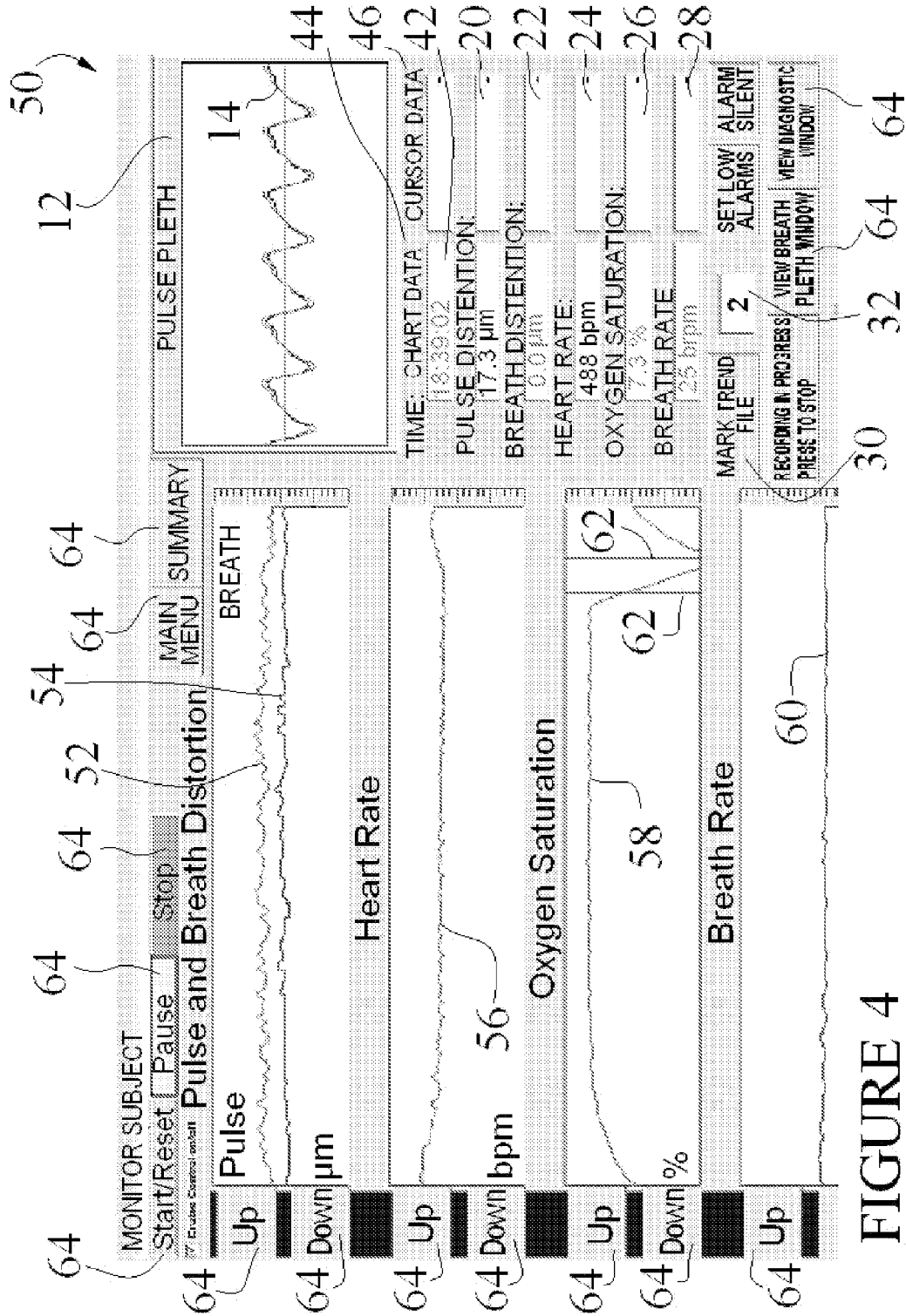


FIGURE 4

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