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Lai et al.

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[54] METHOD AND SYSTEM FOR REMOTELY MONITORING MULTIPLE MEDICAL PARAMETERS

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[51]	Int. Cl. ⁶	 A61B	5/02
r1			-,

509, 544, 545, 529, 531, 533, 903

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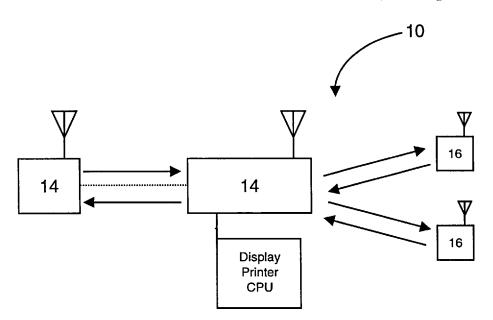
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[57] ABSTRACT

The invention relates to a medical parameter monitoring device which allows the monitoring of a plurality of medical parameters from a remote location. The invention uses a central monitoring system which transmits and receives data parameters via RF from remote patient monitors. The monitoring system utilizes a digital spread spectrum RF transceiver between the central monitoring system to the remote monitors. Forward error correcting, frequency hopping, and spread spectrum communications are employed to provide accurate transmission of data for a plurality of physiological parameters. Transmitted data can be automatically registered into storage in the central monitoring system.

17 Claims, 5 Drawing Sheets



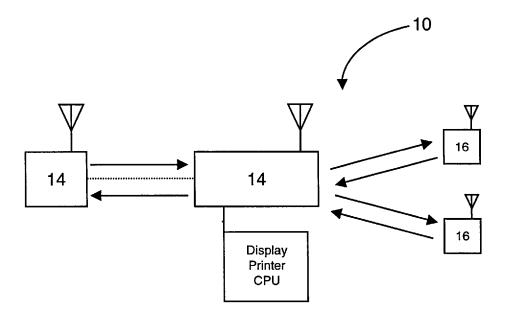


FIG. 1

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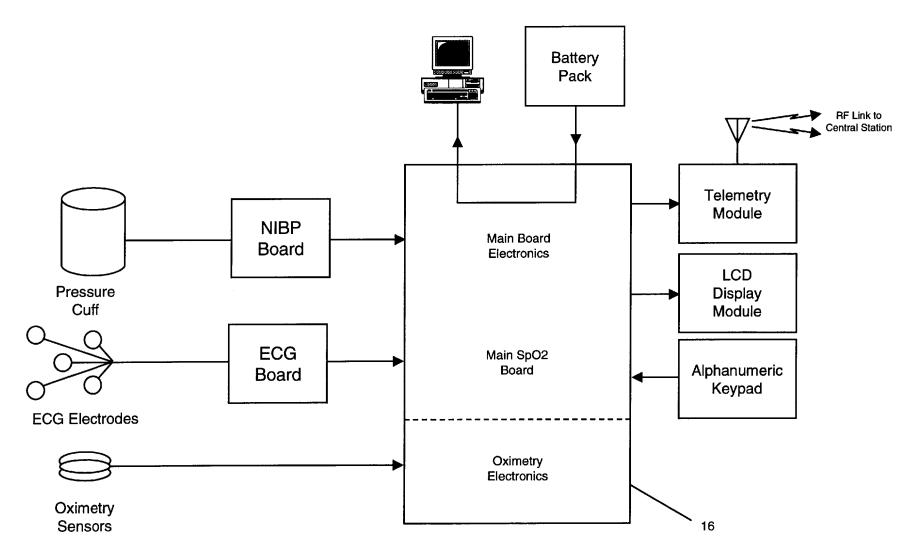


FIG. 2

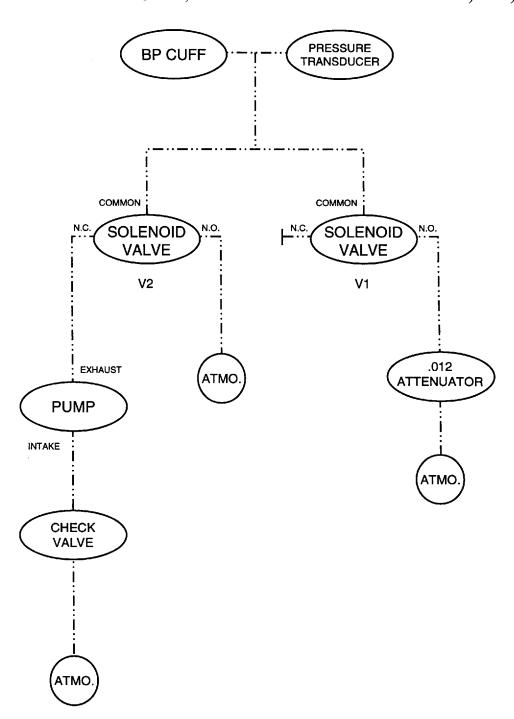


FIG. 3

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Software Block Diagram

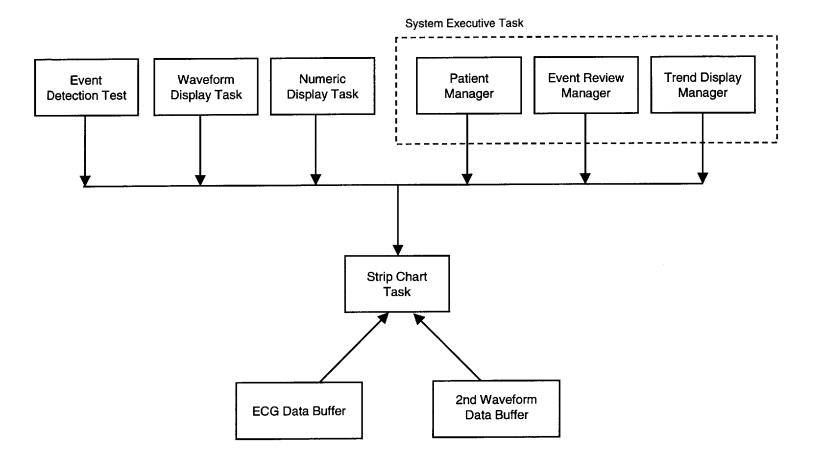


FIG. 4

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