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(54) Title: IMPLANTABLE BIOSENSOR ASSEMBLY AND HEALTH MONITORING SYSTEM

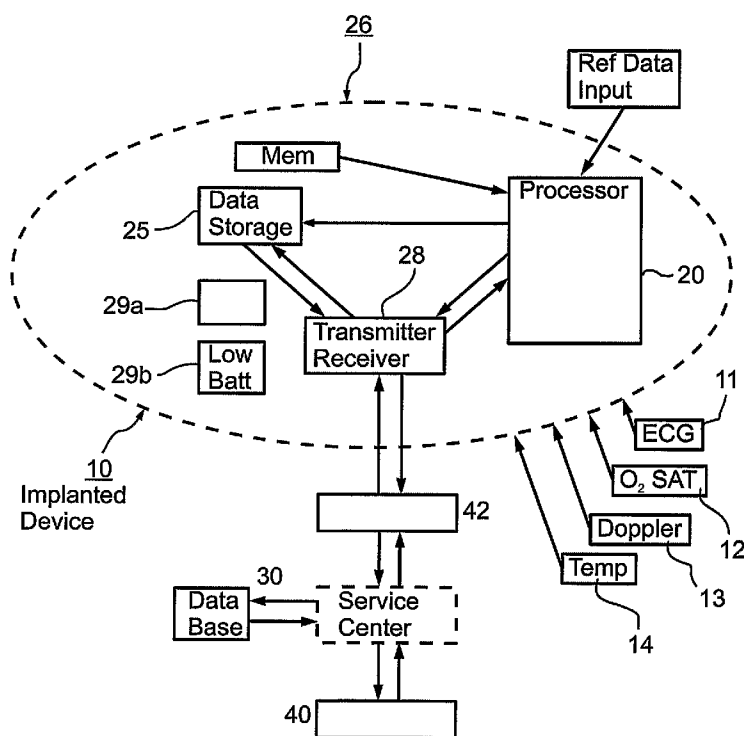


Fig. 1

(57) Abstract: The present invention provides a biosensor assembly implantable in a subject's body for monitoring a medical condition of the subject includes a housing, one or more biosensors, a reference-data storage device for storing reference data corresponding to a normal condition of the subject, a transmitter, a battery, and a processor designed: (a) to compare the measured data, as it is sensed by the biosensors, with the reference data stored in said reference-data storage device, (b) to determine whether the measured data indicates a normal medical condition or an abnormal medical condition in the subject: and (c) upon determining that the measured data indicates an abnormal condition, to actuate the transmitter to transmit an alarm signal to a central station, to the subject, and/or to a caregiver.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 600/513;607/60,63

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B. FIELDS SEARCHED

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EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6609023 B1 (FISCHELL et al.) 19 August 2003 (19.08.2003), Figure 4, col. 3, lines 5-29, col. 4, lines 12-31, col. 11, 15, and 16	1-10, 13, 16-30 ----- 11, 12, 14, 15
Y	US 5833603 (KOVACS et al.) 10 November 1998 (10.11.1998), Figures 1 and 3; col. 18, lines 30-34	14,15
Y	US 6485418 B2 (YASUSHI et al.) 26 November 2002 (26.11.2002), col. 2	11, 12

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