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(54) **ULTRASONIC MONITOR FOR MEASURING HEART RATE AND BLOOD FLOW RATE**

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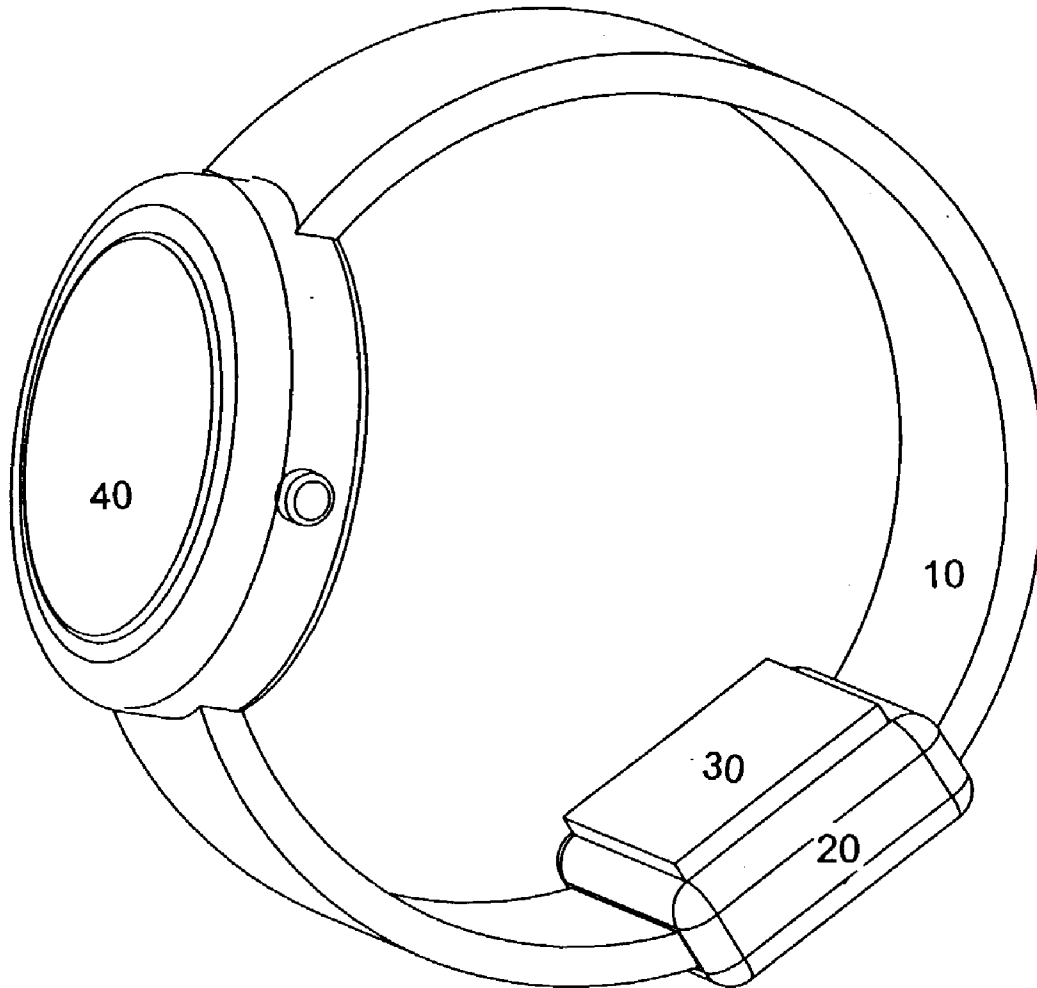
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(57) **ABSTRACT**

The invention provides an ultrasonic monitor for measuring pulse rate values in a living subject, including a module with at least one source of ultrasonic energy, a gel pad comprised of a polymer and from about 50 to about 95% by weight of an ultrasound conductive diluent, wherein the gel pad is positioned in direct contact between the module and the living subject; an ultrasonic energy detector and associated hardware and software for detecting, calculating and displaying a readout of the measured rate values.

(73) Assignee: **Salutron, Inc.**, Fremont, CA

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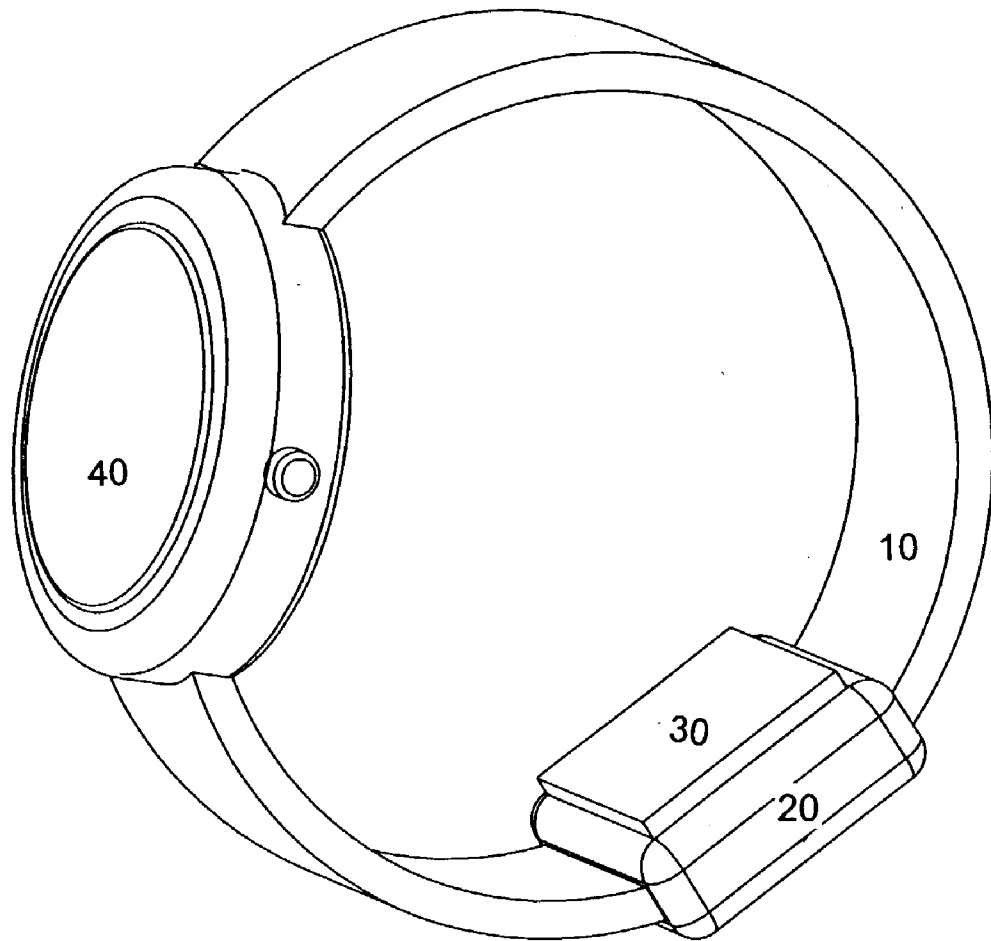


Figure 1

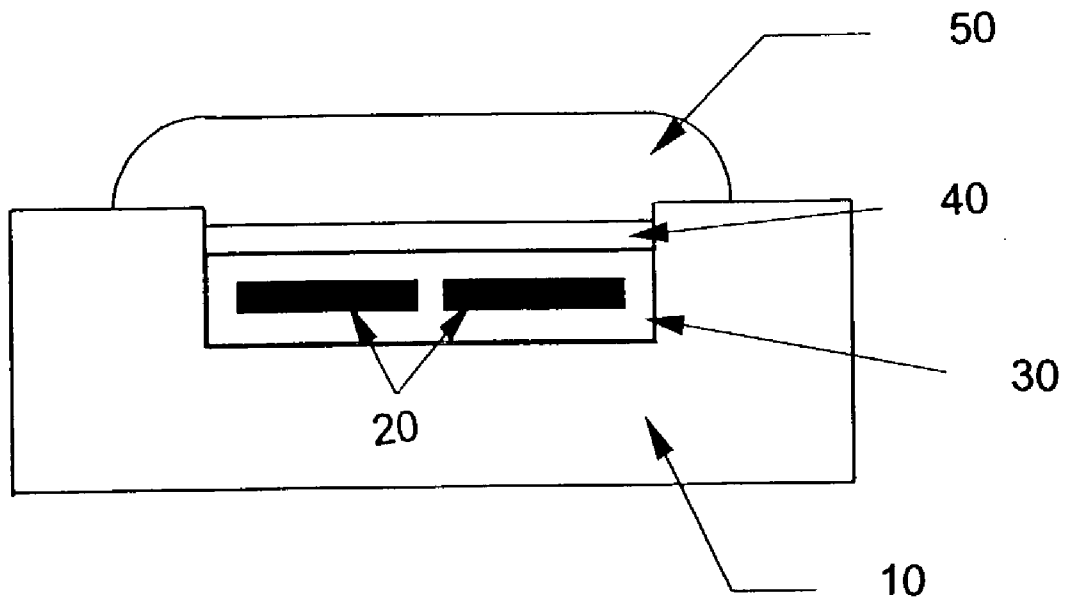


Figure 2

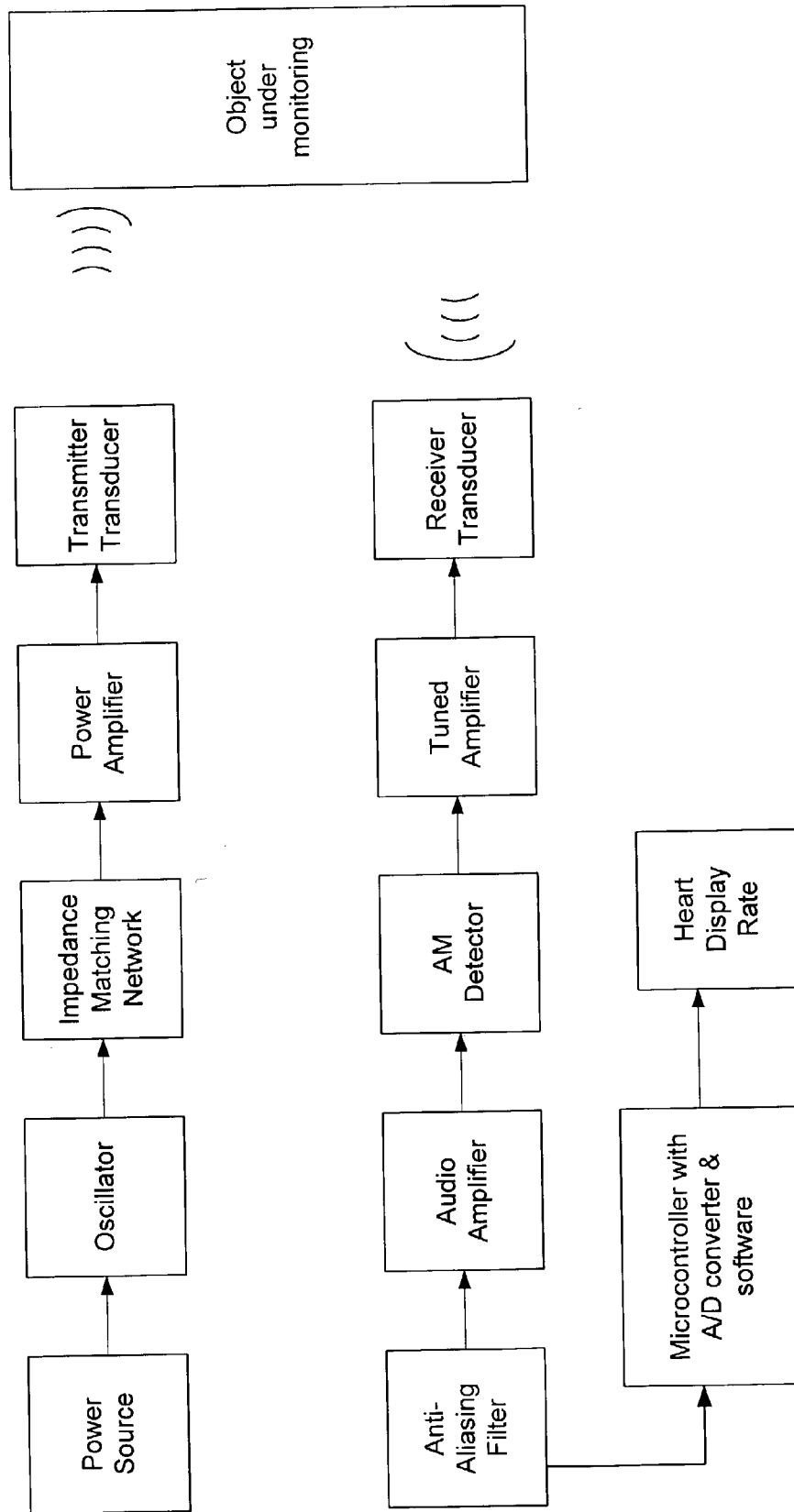


Figure 3

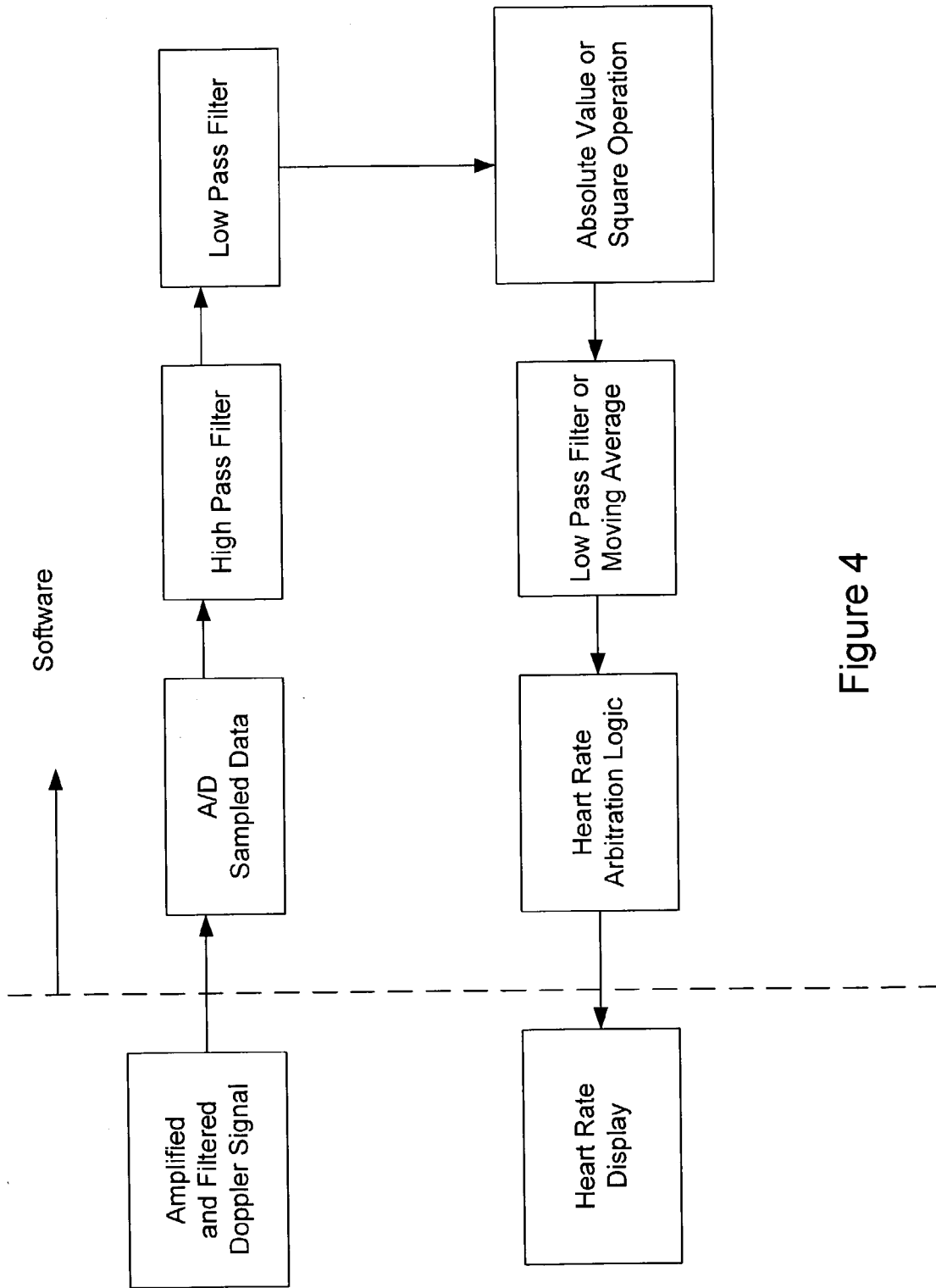


Figure 4

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