



US007598878B2

(12) **United States Patent**  
**Goldreich**

(10) **Patent No.:** **US 7,598,878 B2**  
(45) **Date of Patent:** **Oct. 6, 2009**

(54) **METHOD AND DEVICE FOR MEASURING PHYSIOLOGICAL PARAMETERS AT THE WRIST**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **10/497,169**

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(22) PCT Filed: **Dec. 10, 2002**

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(86) PCT No.: **PCT/IL02/00995**

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§ 371 (c)(1),  
(2), (4) Date: **Jun. 9, 2004**

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(87) PCT Pub. No.: **WO03/050643**

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(65) **Prior Publication Data**

(Continued)

US 2005/0116820 A1 Jun. 2, 2005

(51) **Int. Cl.**  
**A61B 5/00** (2006.01)

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(52) **U.S. Cl.** ..... **340/573.1**; 340/517; 340/539.1;  
600/300; 600/323; 600/340; 600/382; 600/301;  
128/903

(58) **Field of Classification Search** ..... 340/573.1;  
600/300, 345, 500, 585, 301, 323, 340, 382;  
128/903

See application file for complete search history.

(57) **ABSTRACT**

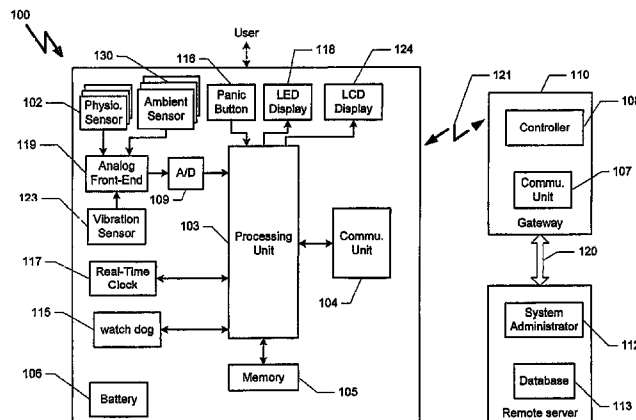
A wrist-mounted device for measuring at least one physiological parameter of a subject. The present invention enables such a measurement to preferably be transformed into clinically useful information about the subject. Such information may then optionally be sent to medical personnel, for example at a contact and/or monitoring center, through a gateway device. The gateway device preferably communicates with the wrist-mounted device of the present invention through a wireless communication channel.

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**32 Claims, 6 Drawing Sheets**



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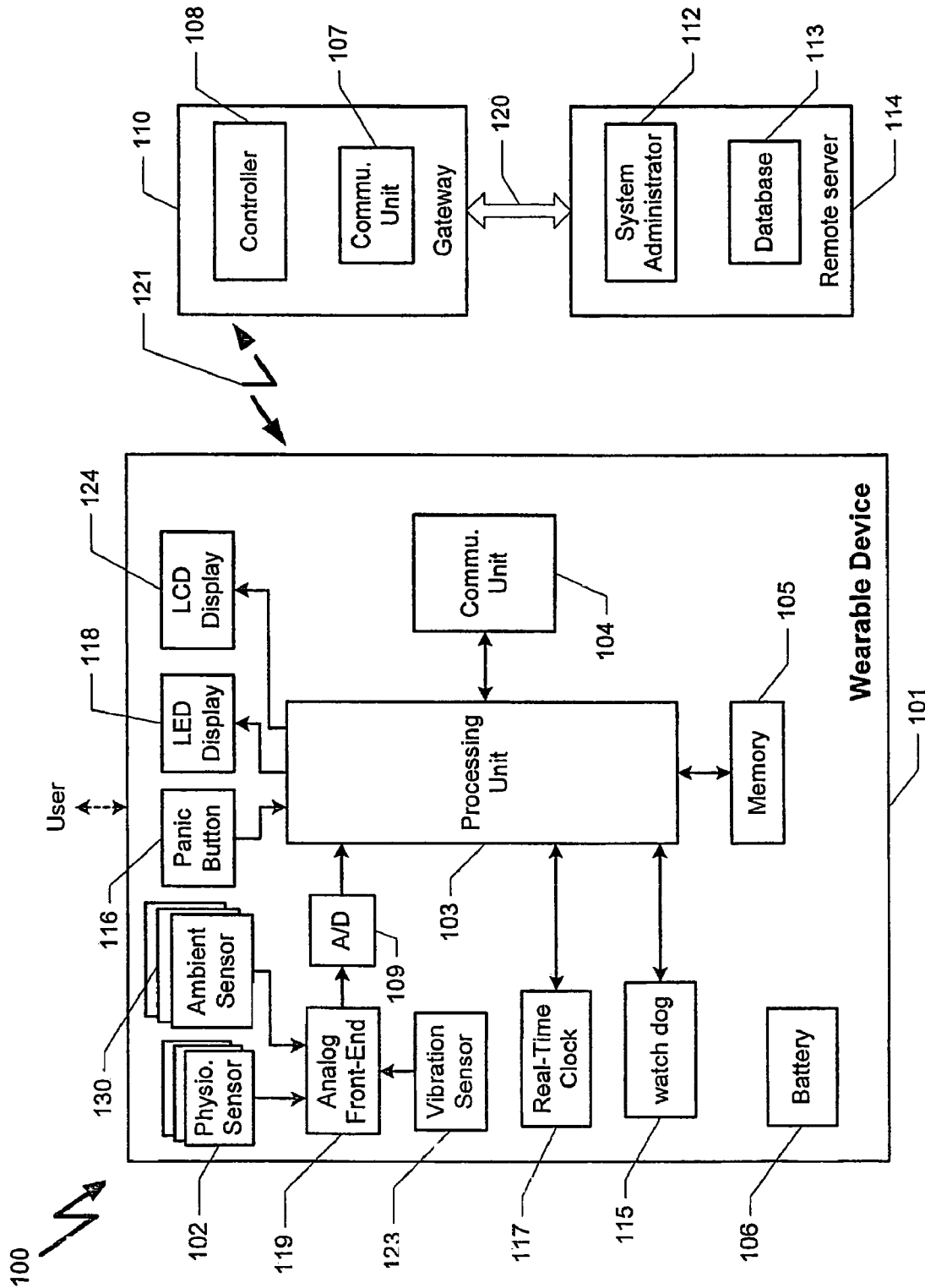
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FIG. 1



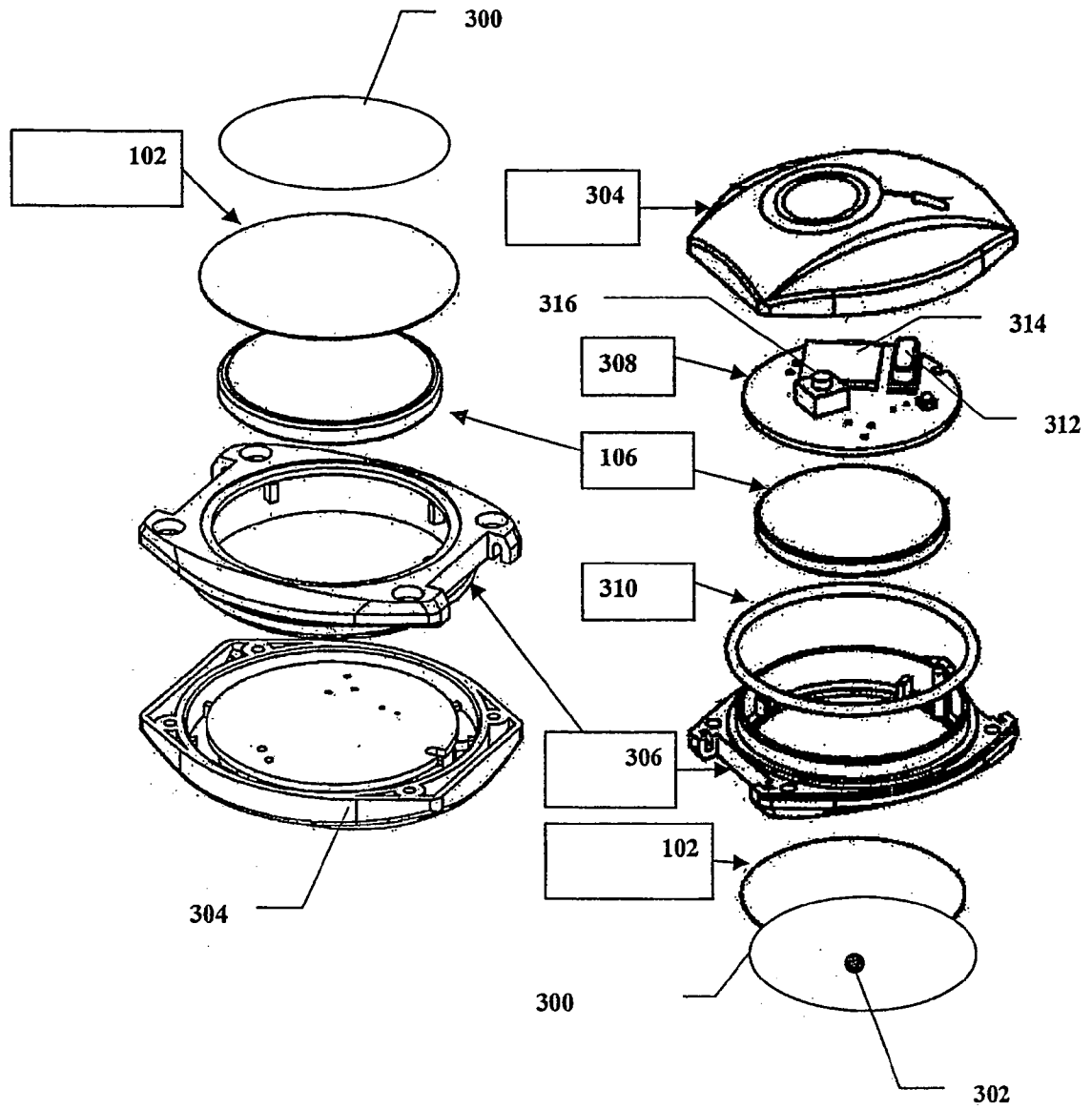
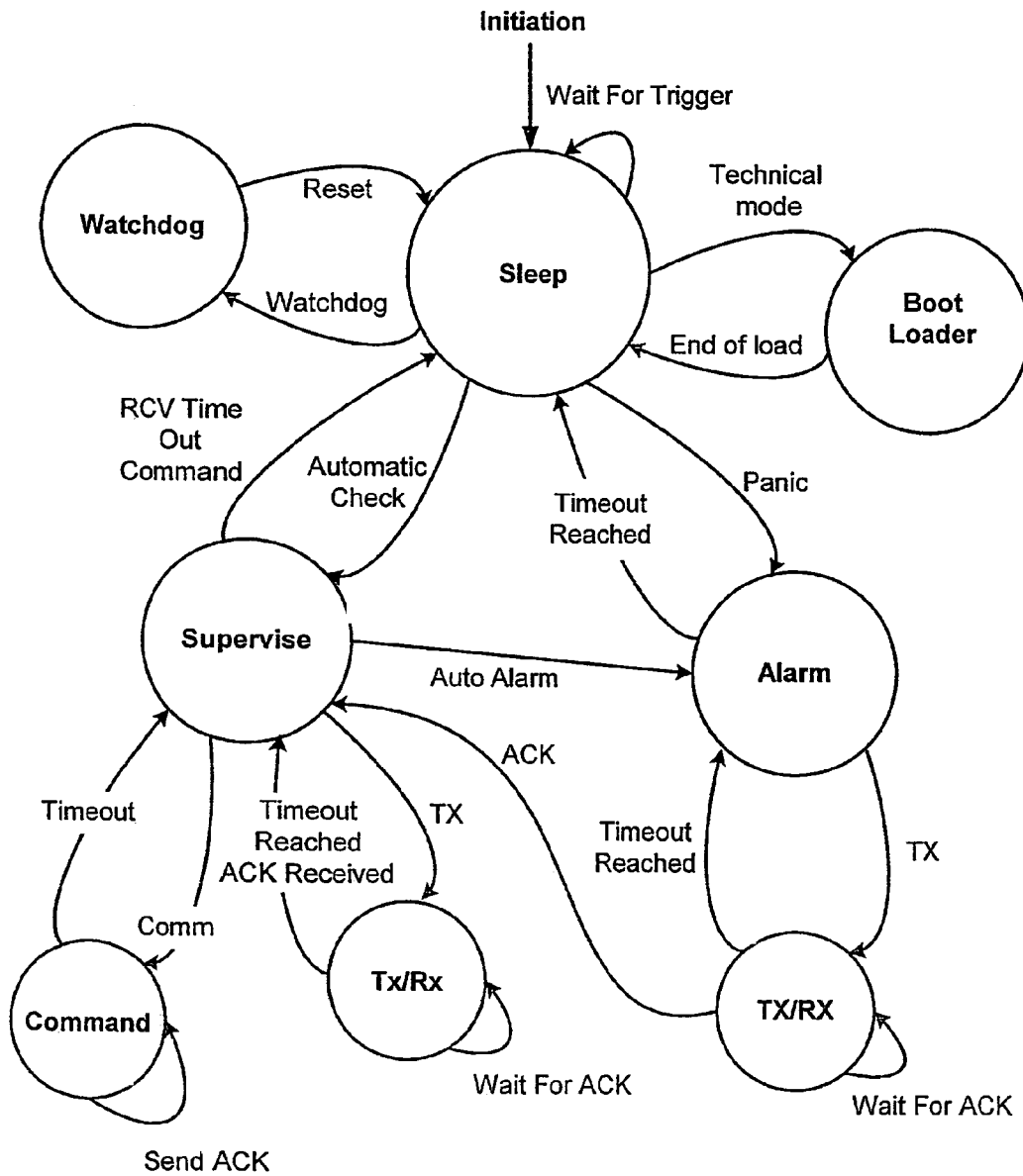


FIG. 2

FIG. 3



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