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# (12) United States Patent

### Dickinson

### (54) GOLF WATCH HAVING HEART RATE MONITORING FOR IMPROVED GOLF GAME

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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 847 days.
- (21) Appl. No.: 12/108,471
- (22) Filed: Apr. 23, 2008

### **Related U.S. Application Data**

- (60) Provisional application No. 60/915,115, filed on May 1, 2007.
- (51) Int. Cl. *A61B 5/04* (2006.01) *G04B 47/06* (2006.01)

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# (10) Patent No.: US 8,040,758 B1

### (45) **Date of Patent:** Oct. 18, 2011

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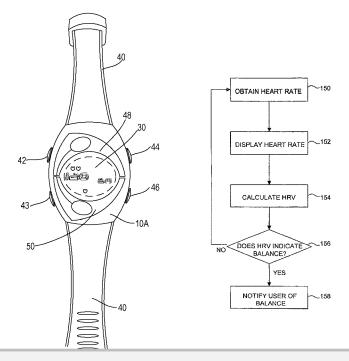
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Primary Examiner — Sean Kayes

### (57) ABSTRACT

A wrist-worn apparatus for monitoring a user's performance while playing golf includes a user input, a processor, a heart rate monitor, a timer, a user input, a display, a processor and a memory for storing a plurality of inputted golf parameters that pertain to a round of golf. The apparatus obtains and displays the user's heart rate, providing feedback on the user's heart rate during a round of golf. In addition, the apparatus can store various inputted golf parameters and compute calculated statistics one or more rounds of golf.

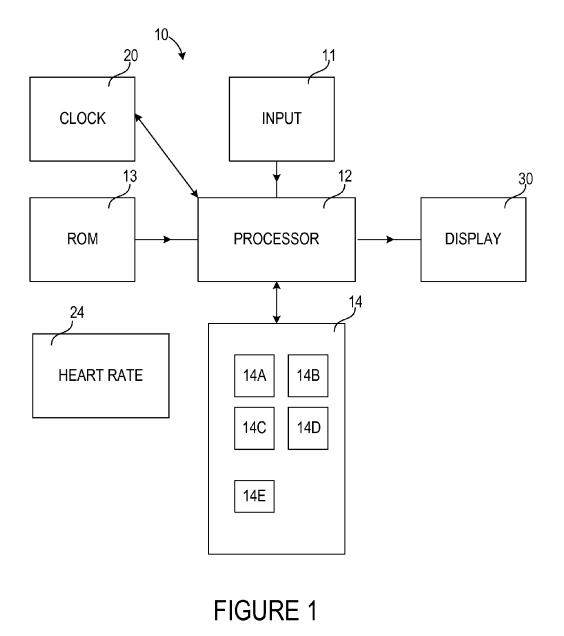
### 9 Claims, 5 Drawing Sheets



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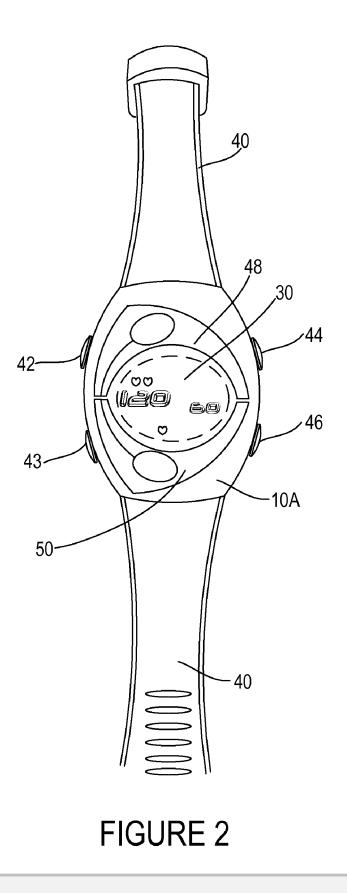
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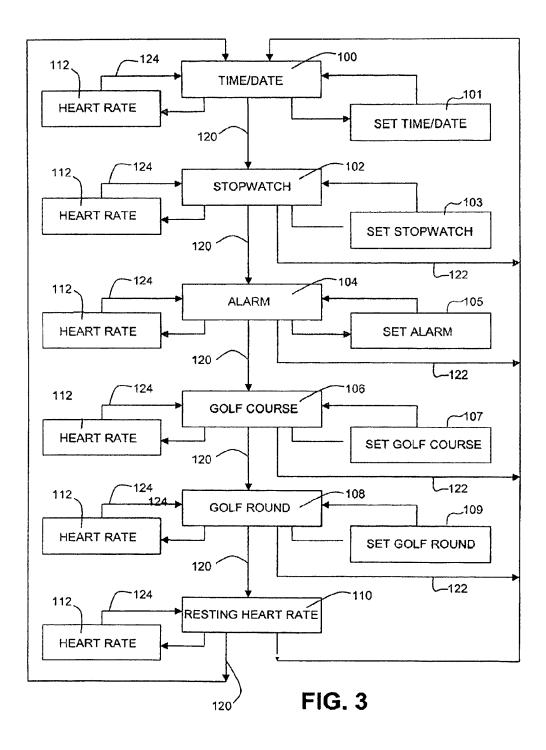


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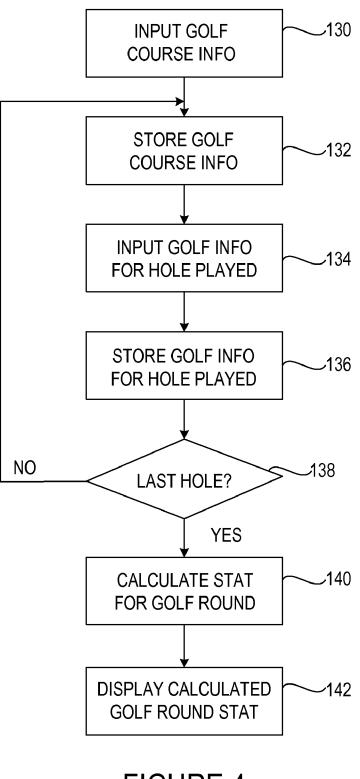


FIGURE 4

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