



[54] **PULSIMETER PROVIDED WITH OR WITHOUT A PEDOMETER**

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[73] Assignee: **Omron Corporation**, Kyoto, Japan

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[30] **Foreign Application Priority Data**

Feb. 3, 1994 [JP] Japan 6-11434

[51] Int. Cl.⁶ **G04B 47/00; A61B 5/02**

[52] U.S. Cl. **368/10; 368/11; 128/677; 128/690**

[58] Field of Search 368/11, 10, 276, 368/278; 128/633, 664-667, 677-689

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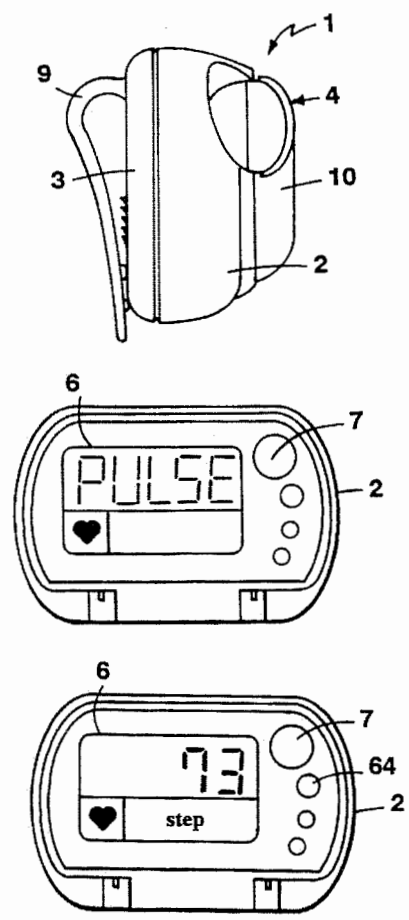
U.S. PATENT DOCUMENTS

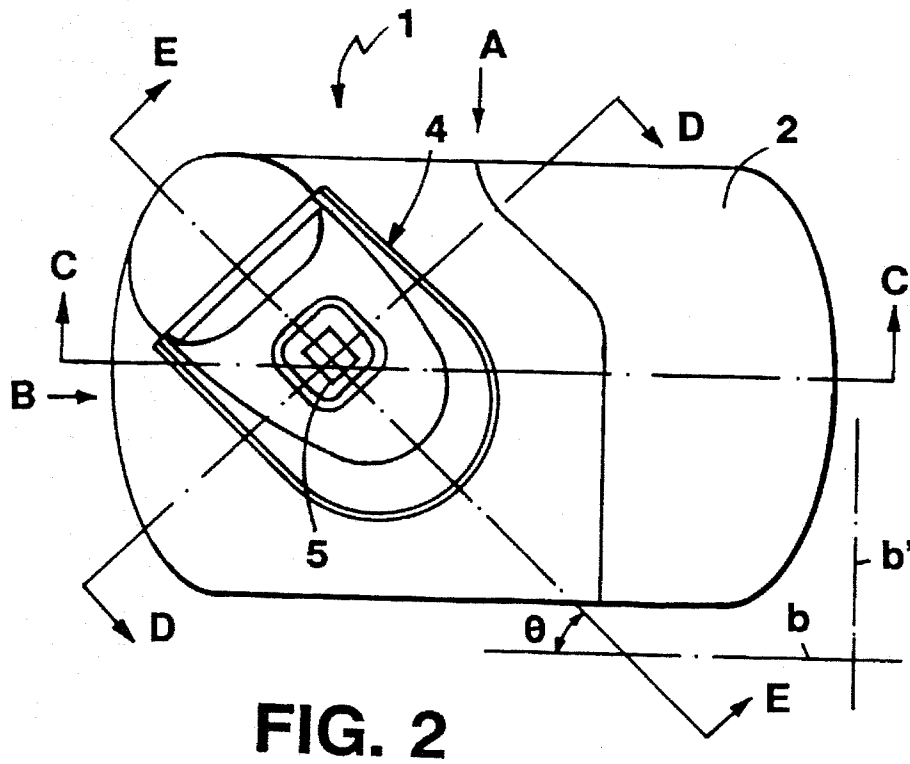
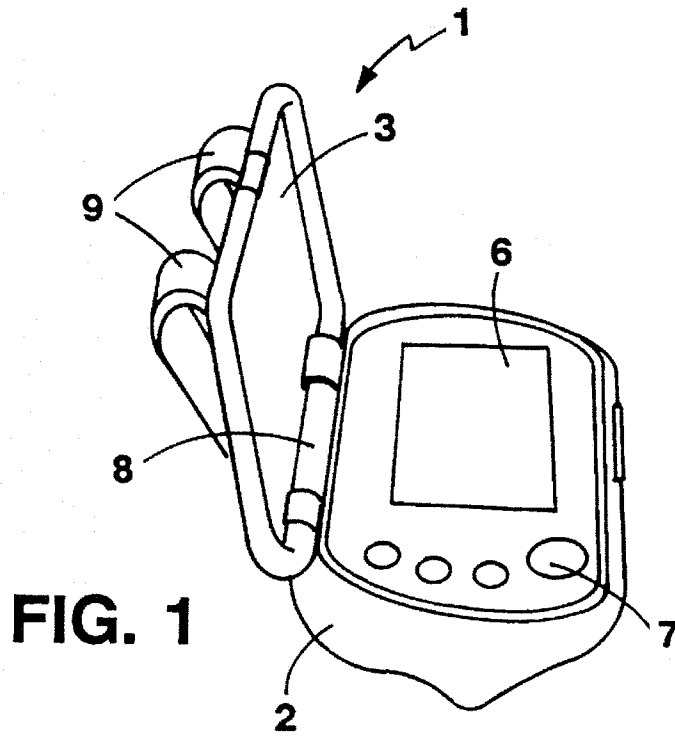
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[57] **ABSTRACT**

A pulsometer includes a main body having a front face and a back face that is opposite the front face. A finger insertion section, into which a finger may be inserted, is arranged on the back face of the main body. Also included is a pulse sensor which is configured to sense pulses from a user's finger that has been inserted into the finger insertion section. A display, which is arranged on the front face of the main body, is configured to display the pulses sensed by the pulse sensor. The display and the finger insertion section are arranged such that the display may be observed by the user while the user's finger is inserted into the finger insertion section.

17 Claims, 8 Drawing Sheets





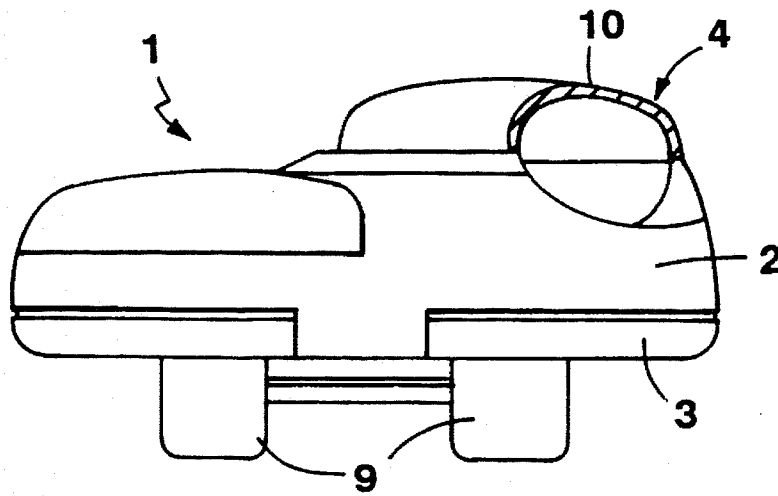


FIG. 3

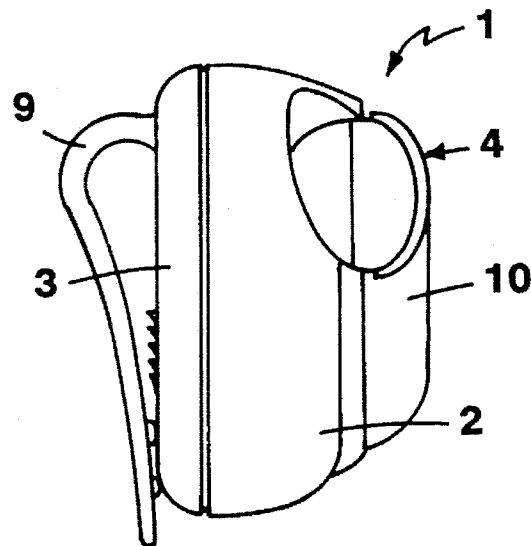


FIG. 4

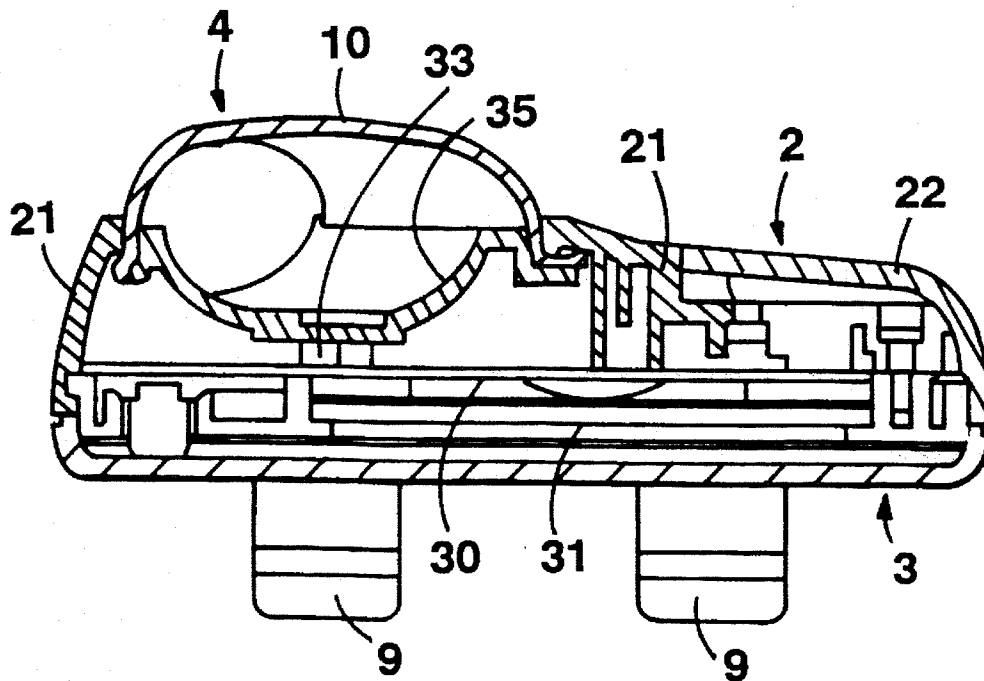


FIG. 5

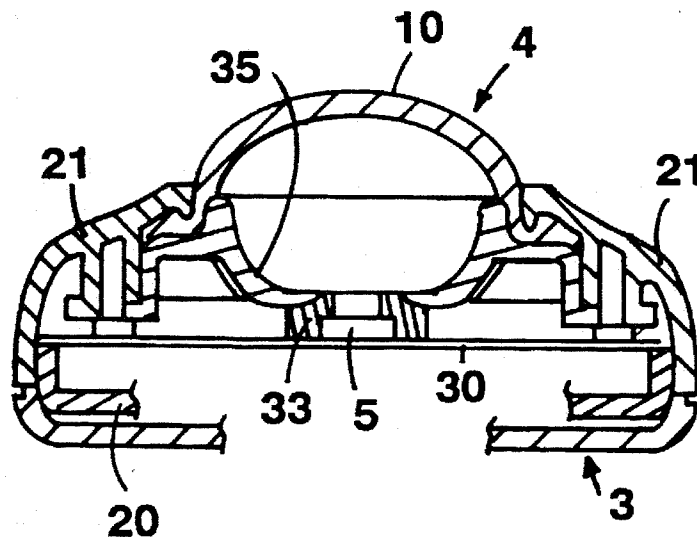


FIG. 6

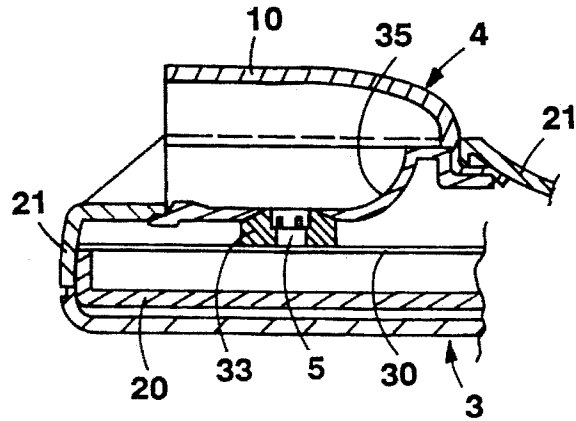


FIG. 7

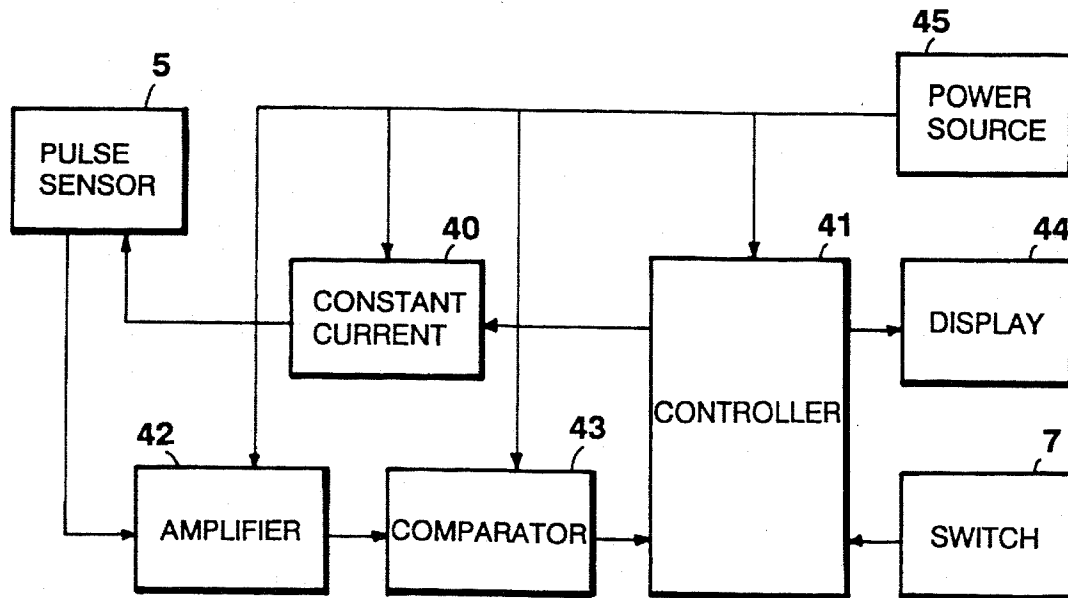


FIG. 8

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