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## (12) United States Patent Menard

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#### (54) PERSONAL MEDICAL DEVICE COMMUNICATION SYSTEM AND METHOD

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

- (63) Continuation-in-part of application No. 09/956,474, filed on Sep. 19, 2001, which is a continuation of application No. 09/384,165, filed on Aug. 27, 1999, now Pat. No. 6,356,192, application No. 10/165,624, which is a continuation-in-part of application No. 10/112,669, filed on Mar. 28, 2002, and a continuation-in-part of application No. PCT/US01/18734, filed on Jun. 8, 2001.
- (60) Provisional application No. 60/135,862, filed on May 25, 1999, provisional application No. 60/105,493, filed on Oct. 23, 1998, and provisional application No. 60/279,401, filed on Mar. 28, 2001.
- (51) Int. Cl. *G08B 1/08* (2006.01)

See application file for complete search history.

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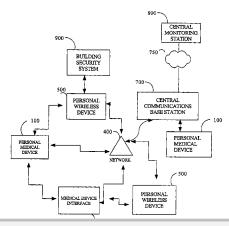
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#### (57) ABSTRACT

A personal and/or institutional health and wellness communications system, which may be used for a variety of emergency and non-emergency situations using two-way communication devices and a bi-directional communication network. In one application two-way pagers are adapted for use in the system. In one application cellular devices are adapted for use in the system. In one application an assisted living response center is established using various embodiments of the present personal and/or institutional communications system. The system provides multiple levels of prioritization, authentication of person (task, step, process or order), and confirmation via interrogation of person, device, or related monitor. One embodiment provides a method for receiving, evaluating and responding to calls received from a subscriber, patient, related party, or health care provider or health care system.

#### 57 Claims, 9 Drawing Sheets



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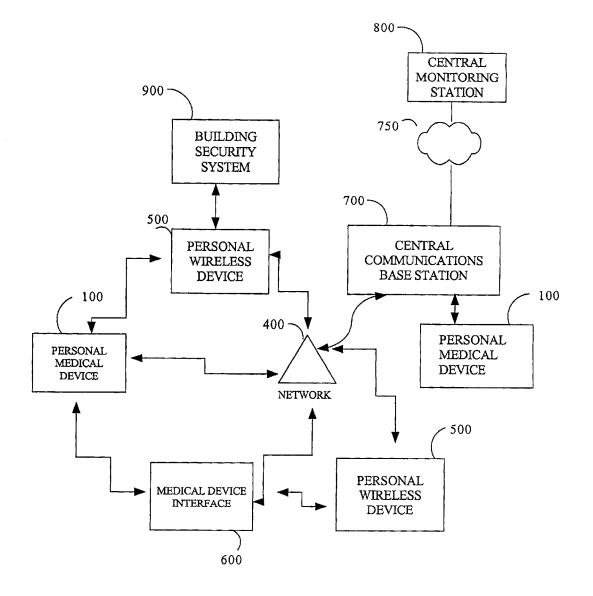


FIG. 1

100				
PROCESSOR 130	MEMORY 120		POWER MODULE 110	
DETECTOR INPUTS 140	OUTPUTS 150		DATA I/O PORTS 160	
WIRELESS COMM. MODULE 300		USER INTERFACE MODULE 200		

# *FIG. 2*



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