

## **System containing location-based personal emergency response device**

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**Abstract:** A safety system comprising a plurality of wearable transceiver devices for operation in independent use with a plurality of a landline-based phone and a cell phone to establish contact between a user of a wearable transceiver device and a central monitoring station. The wearable transceiver devices sense a crash or a fall and notify a monitor by a landline-based phone or a cell phone of this incident and the assisted GPS determined location of the incident. The information is provided to the monitor a short predetermined time following activation unless the device is deactivated by pressing a communication button. When the device has not been activated by a crash or fall, the user may press the communication button to communicate with the monitor to obtain a wide variety of services. A cell phone having reserve batteries, accelerometers, and assisted GPS location capabilities is also disclosed.

**Type:** Grant

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