

**PRESSURE-SENSITIVE SMART ELECTRONIC BRACELET AND
APPLICATION METHOD THEREOF**

ABSTRACT

The present invention is a pressure-sensitive smart electronic bracelet and its
5 application method. The smart electronic bracelet comprises a first body, a second body,
and a bracelet band. Two opposite sides of the first body are respectively connected to the
second body and the bracelet band. The first body is equipped with an air pump, and the
second body is equipped with multiple pressure sensors and an airbag, with each pressure
sensor having a contact portion and the airbag connected to the air pump. When a user
10 wears the bracelet and the airbag is inflated, each pressure sensor receives the user's pulse
beats information through the contact portion to accordingly generate a pressure sensing
signal, and each contact portion can further protrude from an outer surface of the second
body to detect the user's blood pressure, pulse condition and other vital signs.

15 Fig. 2