Advanced Smart Safety Electronic Device

Description

What is it?

Its an Advanced Electronics Safety Device designed to inform the paramedics, Police, A & E and loved ones in REALTIME with GPS coordinates with SOS message to mobilize rescue and support in the event of an accident/ burglary.

What are the main components?

The safety device has two components

1. The device (hardware)
2. The mobile app (Software)

How it works?

Step 1: The device has to be mounted on to any helmet or hard hat or automobile or on the static display window pane using the clip on/velcro

Step 2: The designated mobile app be downloaded onto the smart phone

Step 3: Switch on the device
Step 4: Enable the Bluetooth on the phone
Step 5: Pair the device with phone
Step 6: Select 10 phone numbers from phone contact list using the smart mobile app. And the device is live and ready.

In the event of a crash/accident/impact, the device will send the accurate GPS coordinates with SOS message to all pre selected 10 phone numbers enabling real time mobilization of paramedics/ police to the site.

Typical Application Scenario

Application 1: Road safety
Application 2: Industrial work place safety
Application 3: Persona safety
Application 4: On Shop display window pane
Application 5: Military Navy ship personnel safety

Claim

1. We are seeking claim as follows:

2. Preamble:
The smart safety device has following equipment

3.Key Hardware used
- 3.1 2 accelerometer sensor
- 3.2 1 GPS chip set, Blue tooth radio, IC, NB-IoT
- 3.3 Power source
  - 3.3.1 Rechargeable Battery
  - 3.3.2 Solar panel

All components are fused onto a PCB assembly logic controller. The entire unit is secured within a protective casing

4. Software:
A Mobile app with GUI to connect/pair the device with mobile phone

5. We are seeking specific claim as follows:
- 5.1. Same component
- 5.2 Same PCB configuration
- 5.3 Similar mobile based app for connectivity
- 5.4 Same electronic circuitry design and configuration
- 5.5 Resulting in similar functionalities in terms of application.
