

(54) Title of the invention : A SAFETY AND FITNESS BELT

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(57) Abstract :

The present invention provides a safety and fitness belt (100) comprising a belt body, one or more module slots and one or more buttons (106) configured on the belt body. The safety and fitness belt (100) further comprises one or more sensors, a location detection unit, a communication terminal (112) and a processing unit (102), with a memory (104) configured in the one or more module slots. A first button (106) when pressed enable, the processing unit (102) to actuate the location detection unit (108) to detect and send the acquired current location of the user to a plurality of emergency contacts. A second button (106) pressed causes, the processing unit (102) to enable, the one or more sensors (110) to sense the user activities. On sensing the processing unit (102) generates the data and provide the data to the one or more connected devices through the communication terminal.

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