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(51) International classification	:G08B21/02, G08B25/10, H04W4/02, H04W4/90	(71)Name of Applicant : <b>1)Chitkara University</b> Address of Applicant :Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Rajpura Punjab India <b>2)Chitkara Innovation Incubator Foundation</b>
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(57) Abstract :

A wearable women safety device, comprising a fingerless glove 101 integrated with the wrist band 102, designed to provide personal security and protection, an inertial measurement unit (IMU) sensor, configured to detect abnormal wrist movement of the user, including sudden twisting, jerks, or attempts at snatching, a plurality of retractable micro-barbs 103, which is deployed as a non-lethal deterrent, a global positioning system (GPS) module continuously tracks the user's location, a microphone 204 connected to an embedded memory for recording audio data, and an emergency audible alarm 104 to alert bystanders, a Bluetooth module embedded in the wrist band 102 enables local connectivity, a plurality of miniature solar panels 105 for sustainable charging, a servo-driven rotating disc 106 is integrated at the back of the glove 101, and a fingerprint lock/scanner 205 on the wrist band 102 prevents unauthorized removal.

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