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(54) Title of the invention : **A SECURITY DEVICE FOR WOMEN SAFETY**

<p>(51) International classification :G01S0019130000, G01S0019420000, G01S0019170000, B60R0025102000, G08B0025080000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)THOUTU RAMYASREE Address of Applicant :Vill: Kondapoor , dist: Karimnagar,Mondal: chigurumamidi, H.NO : 3_31, pincode: 505467 -----</p> <p>2)MADALA.BHARGAV Address of Applicant :Plot no:35,flat no :402,sai enclave,pragathinagar,hyderabad, Pin:500090 -----</p> <p>3)MARA RAHUL Address of Applicant :H no:1-55/1,doopally,renjal,nizamabad ,PIN:503245 -----</p> <p>4)MANDADI RUSHMITHA Address of Applicant :Flat no.402 , Marvel residency , Karimnagar . Pincode : 500501 -----</p> <p>5)Dr. Syed Jalal Ahmad Address of Applicant :Professor, ECE Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>6)Mrs.C. Silpa Address of Applicant :Associate Professor, ECE Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>7)Mrs. P. Sowjanya Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>8)Mr. N. Pandu Ranga Reddy Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>9)Mr. G Prasanna Kumar Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>10)Ms. Sk Shakira Begam Address of Applicant :Assistant Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>11)Mr. Y. Murali Address of Applicant :Assistant Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>12)Mrs. K. Anuradha Address of Applicant :Assistant Professor, ECE Department Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p>
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(57) Abstract :
7. ABSTRACT A security device for women and child safety (100) comprises of a micro controller (108), a global system for mobile communication (GSM) modem (110), a global positioning system (GPS) tracker (102), a buzzer, a battery and a switch (106). The micro controller (108) is used to store the contacts and to generate commands to the GSM (110) and GPS tracker (102). The GSM module (110) is used to message the chosen contacts and police control room and the GPS tracker (102) used to send the data, time, latitude, longitude, speed and travel direction. The GPS (102) processed information is sent to chosen contacts. The buzzer works on pressure variation created of electrical potential. The battery supplies the power to externally connected devices and the alarm system inter connected to the device alerts police, volunteers and nearby people. Figure associated with Abstract is Fig. 1.

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