

(54) Title of the invention : SECURITY SYSTEM AND OPERATING METHOD THEREOF

<p>(51) International classification :B64C0039020000, H04K0003000000, G01S0015100000, G01S0015930000, G08C0017020000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant :  <b>1)Malla Reddy Engineering College (Autonomous)</b>  Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----  <b>Name of Applicant : NA</b>  <b>Address of Applicant : NA</b></p> <p>(72)Name of Inventor :  <b>1)R.Akshitha</b>  Address of Applicant :address:18-4-122/2/A maruthinagar godhavari kani ,Ramagundam Telangana -----  <b>2)S.Saisumanth</b>  Address of Applicant :address:1-73/A pidched(v), Gajwel (M), Siddipet (D) Telangana -----  <b>3)S.Bhaskar</b>  Address of Applicant :address:44-2/3 rtc colony Mouali-Ali Hyderabad -- -----  <b>4)M.Suprathika</b>  Address of Applicant :address:3-1-16/137/73/V Mallapur uppal Hyderabad -----  <b>5)V.John Moses</b>  Address of Applicant :address: 2-15-10 beerappagadda Uppal Hyderabad -----  <b>6)Dr. G.S.K. Gayatri Devi</b>  Address of Applicant :Professor, ECE Department Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 -----  <b>7)Dr. N. Manikanda Devarajan</b>  Address of Applicant :Professor, ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 -----  <b>8)Dr. A. Pradeep Kumar</b>  Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 -----  <b>9)Dr. M. Nithin Varma</b>  Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College, MAIN CAMPUS Maisammaguda(H), Gundlapochampally Village, Medchal Mandal, Medchal-Malkajgiri District, Telangana State - 500100 -----</p>
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(57) Abstract :

7. ABSTRACT A security system (15) to belie foe Unmanned Aerial Vehicles (UAV's) is disclosed. The said system (15) comprises of a micro controller unit (1) with an Arduino (2) installed. The said system (15) comprises an LCD driver unit (3) with an LCD display (4) to observe the foe objects with an intensity control (11). An intelligent sonar based object tracking system (7) with an ultrasonic sensor with a servo motor (8) is installed for target detection. The said system further comprises of a DC motor driving unit (5) with a DC motor (6) sends jamming signals on foe object detection with a target aiming module (12). A crystal oscillator unit (14) along with a LED indicator (9) installed for detecting the frequency levels a regulated power supply unit (10) with a reset button (13) was also accompanied with the said system (15). The Figure associated with the Abstract is Fig 1.

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