

(54) Title of the invention : A Microcontroller-Based Internet of Things System for the Detection of Alive Humans in Disaster and War Areas

<p>(51) International classification :G06F0011140000, H04L0067120000, H05B0047115000, A01K0063020000, H02H0003330000</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 : <b>1)K ASHOK KUMAR</b> Address of Applicant :ASSISTANT PROFESSOR GURUNANAK INSTITUTIONS TECHNICAL CAMPUS, HYDERABAD, RANGA REDDY Pin: 501506 TELANGANA INDIA -----</p> <p><b>2)Mr. Umesh Kumar</b> <b>3)Satyanarayana.vannam</b> <b>4)Dr Priyank Singhal</b> <b>5)B Naresh</b> <b>6)Dr. RAJESH B. SURVASE</b> <b>7)Kale Navnath Dattatraya</b> <b>8)Dr.K.THIYAGARAJAN</b> <b>9)Mr. Aysola Saichander</b> <b>10)Mr.T R Arunkumar</b> <b>11)Dr. Harikumar Pallathadka</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)K ASHOK KUMAR</b> Address of Applicant :ASSISTANT PROFESSOR GURUNANAK INSTITUTIONS TECHNICAL CAMPUS, HYDERABAD, RANGA REDDY Pin: 501506 TELANGANA INDIA -----</p> <p><b>2)Mr. Umesh Kumar</b> Address of Applicant :Director IIMT College of Polytechnic Greater Noida Plot No 20 A Knowledge Park 3 Greater Noida Gautam Buddha Nagar Pin: 201308 Uttar Pradesh India -----</p> <p><b>3)Satyanarayana.vannam</b> Address of Applicant :Assistant professor Vaagdevi College of Engineering, Bollikunta, Warangal. Pin:506005 Telangana India -----</p> <p><b>4)Dr Priyank Singhal</b> Address of Applicant :Associate Professor College of Computing Sciences and Information Technology, Teerthankar Mahaveer University, Bagarpur, NH 24, Delhi Road, Moradabad Pin:244001 Uttar Pradesh India -----</p> <p><b>5)B Naresh</b> Address of Applicant :Assistant Professor, Institute of Aeronautical Engineering, Medchal Pin: 500043 State: Telangana Country: India -----</p> <p><b>6)Dr. RAJESH B. SURVASE</b> Address of Applicant :ASSISTANT PROFESSOR E. S. DIVEKAR COLLEGE VARVAND, SAVITRIBAI PHULE PUNE UNIVERSITY PUNE. Pin:412215 MAHARASHTRA INDIA -----</p> <p><b>7)Kale Navnath Dattatraya</b> Address of Applicant :Assistant Professor, Dept of CSE, Vardhaman College Of Engineering , Shamshabad, Ranga Reddy District Pin :501218 Telangana India -----</p> <p><b>8)Dr.K.THIYAGARAJAN</b> Address of Applicant :Assistant Professor Periyar Maniammai Institute of Science &amp; Technology, Vallam, Thanjavur, Pin: 613403 Tamil Nadu India -----</p> <p><b>9)Mr. Aysola Saichander</b> Address of Applicant :Assistant professor Kgreddy college of engineering &amp; technology ,Moinabad, Range reddy dist Pin:501504 Telangana India -----</p> <p><b>10)Mr.T R Arunkumar</b> Address of Applicant :Assistant Professor, Department of Computer Science, Rani Channamma University, Bhutaramanahatti, Karnataka Belagavi Pin: 591 156 Karnataka India -----</p> <p><b>11)Dr. Harikumar Pallathadka</b> Address of Applicant :Director and Professor Manipur International University, Ghari, Imphal, Imphal West, Pin: 795140 District : Imphal Manipur India -----</p>
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(57) Abstract :

A Microcontroller-Based Internet of Things System for the Detection of Alive Humans in Disaster and War Areas ABSTRACT During a crucial operation, it may be impossible to determine whether or not a soldier is still alive or has perished. It is crucial to adhere to the plan in the event of a natural disaster so that lives can be saved and people receive the necessary aid. When time is of the essence, the live human detection robot's ability to go where humans and heavy machines cannot and identify whether a person is still alive is important.

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