(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2022

(21) Application No.202221037757 A

(43) Publication Date : 22/07/2022

(54) Title of the invention : CRITICALITY IDENTIFICATION THROUGH NATURAL LANGUAGE PROCESSING FOR EMERGENCY PHONE CALLS

(51) International classification :H04W0004900000, H04W0076500000, H04M0011040000, G08B0025010000, H04M0003510000 (86) International Application No :NA 　Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 　Filing Date :NA (62) Divisional to Application Number :NA 　Filing Date :NA	(71)**Name of Applicant :** 　1)**Mr. Om Prakash Singh** 　　Address of Applicant :Research Scholar, Department of Computer Science and Engineering, Dr. A. P. J. Abdul Kalam University, Indore - 452010 ----------- ----------- 　2)**Dr. Manoj E. Patil** 　3)**Dr. B. Anitha** 　4)**Dr. Bharatha Babu. K** 　5)**Dr. Ram Subbiah** 　6)**Dr. Anupam Das** 　7)**Dr. Kshetrapal Singh Chauhan** 　8)**Dr. Krishna kishor Trivedi** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 　1)**Mr. Om Prakash Singh** Address of Applicant :Research Scholar, Department of Computer Science and Engineering, Dr. A. P. J. Abdul Kalam University, Indore - 452010 ----------- ----------- 　2)**Dr. Manoj E. Patil** Address of Applicant :Associate Professor, Department of computer science and engineering, Dr. A. P. J. Abdul Kalam University Indore - 452010 ----------- ----------- 　3)**Dr. B. Anitha** Address of Applicant :Assistant professor, Department of English, Voorhees college, Anna salai, Vellore. ----------- ----------- 　4)**Dr. Bharatha Babu. K** Address of Applicant :Associate Professor, Department ECE, Anand Institute of Higher Technology, Chennai, Tamilnadu, India. ----------- ----------- 　5)**Dr. Ram Subbiah** Address of Applicant :Professor, Mechanical engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad. ----------- ----------- 　6)**Dr. Anupam Das** Address of Applicant :Associate Professor, Computer science and engineering, The Assam Royal Global University ----------- ----------- 　7)**Dr. Kshetrapal Singh Chauhan** Address of Applicant :Assistant Professor, Department of Law, Janardan Rai Nagar Rajasthan Vidyapeeth (Deemed to be University) Udaipur, Rajasthan, India. ----------- ----------- 　8)**Dr. Krishna kishor Trivedi** Address of Applicant :Assistant Professor, Department of Law, Janardan Rai Nagar Rajasthan Vidyapeeth (Deemed to be University) Udaipur, Rajasthan, India ----------- -----------

(57) Abstract :
Abstract Emergency calling is vital and crucial since handsets must operate for Android customers despite meeting varied carrier and regulatory standards all around the world. The Android architecture enables customers to make quick and secure emergency calls. Every day, the operators at SOS Alarm receives lot of inquiries at the various emergency medical telecommunication stations. According to dialling an emergency services number, an emergency services automatically allows at least one number from a list of alternate numbers to be contacted. This allows a user of a corresponding handheld transmitter to attempt to contact someone else before summoning emergency services. The detection of emergency phone calls is complicated which is done by humans. To overcome this challenge by the novel technologies of natural processing languages like machine learning and deep learning algorithms. The system and method involve detecting a telephone conversation as an emergency call, detecting the phone call's contacting person, accessing a warning list corresponding with the defined calling person, and transmitting a message to users of the detection list. As a result, the implementation of an automated support system which offers reliable knowledge in a rapid basis is obtained.
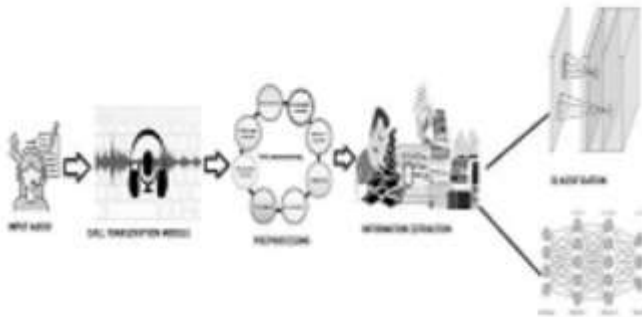

Figure 1

No. of Pages : 15 No. of Claims : 9