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Application Details

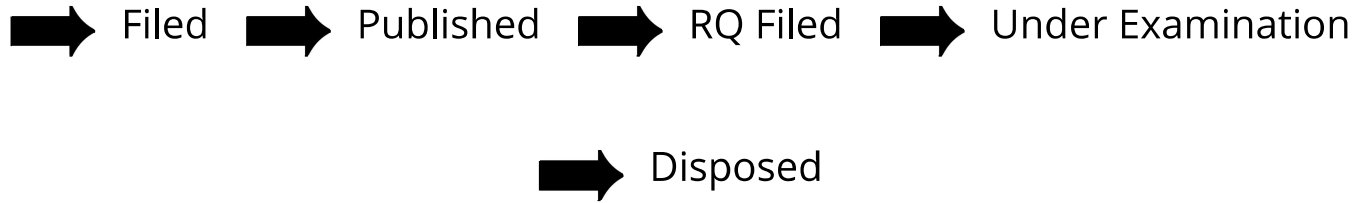
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(54) Title of the invention : IoT, Machine Learning Based Intelligent Intrusion Detection Systems for Detecting Cyber Threats

<p>(51) International classification :H04L0029060000, G06F0021560000, G06N0020000000, G06Q0050180000, H04L0029080000</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)Koteswara Rao Vaddempudi Address of Applicant :Professor Prakasam Engineering College, Kandukur, Prakasam dt, Andhra Pradesh, India ----- 2)Dr. Khel Prakash Jayant 3)Mrs. Channaveeramma E 4)Dr.K.M.Palaniswamy 5)Dr. P. Santhosh Kumar 6)Mr. A. Suresh 7)Mrs. R.M. Mallika 8)Mr. G. Saravana Gokul 9)Dr.O.Nagaraju 10)Dr. Brijesh Sathian 11)Dr.Ravi Kanth Motupalli Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Koteswara Rao Vaddempudi Address of Applicant :Professor Prakasam Engineering College, Kandukur, Prakasam dt, Andhra Pradesh, India ----- 2)Dr. Khel Prakash Jayant Address of Applicant :Professor Dewan VS Institute of Engineering & Technology, Affiliated : AKTU, Meerut 250103,Uttar Pradesh, India Uttar Pradesh, India ----- 3)Mrs. Channaveeramma E Address of Applicant :Assistant Professor Department of Electronics and Communication Engineering Navodaya Institute of Technology Raichur-584101, Karnataka, India ----- 4)Dr.K.M.Palaniswamy Address of Applicant :Professor Department of Electronics and Communication Engineering Dr.T.Thimmayya Institute of Technology, KGF., Karnataka, India ----- 5)Dr. P. Santhosh Kumar Address of Applicant :Assistant Professor, SRM Institute of Science and Technology, Ramapuram Campus, Bharathi Salai, Chennai, 600089, Tamilnadu, India ----- 6)Mr. A. Suresh Address of Applicant :Associate Professor Siddharth Institute of Engineering & Technology, Puttur 517583, Andhra Pradesh, India ----- 7)Mrs. R.M. Mallika Address of Applicant :Associate Professor Siddharth Institute of Engineering & Technology, Puttur, 517583, Andhra Pradesh, India ----- 8)Mr. G. Saravana Gokul Address of Applicant :Assistant Professor Siddharth Institute of Engineering & Technology, Puttur, 517583, Andhra Pradesh, India ----- 9)Dr.O.Nagaraju Address of Applicant :Assistant Professor& Head, Dept. Of Computer Science, Govt. Degree College, Macherla, Andhra Pradesh, India ----- 10)Dr. Brijesh Sathian Address of Applicant :Scientist, Geriatrics and Long term care Department, Rumailah Hospital, Hamad Medical Corporation, Doha, Qatar, P. O BOX 3050, Doha, Qatar ----- 11)Dr.Ravi Kanth Motupalli Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, VNRVJIET, Bachupally, Hyderabad, Telangana, India -----</p>
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(57) Abstract :
IoT, Machine Learning Based Intelligent Intrusion Detection Systems for Detecting Cyber Threats Abstract: The number of devices connected to the internet has grown in lockstep with the popularity of the internet. Since then, the Internet of Things has exploded in popularity. Cyber-attacks have also increased in number as a result of these new technologies. Users of IoT devices and devices on the market are at risk as a result of these attacks. Depending on the circumstances, these errors can result in significant financial and intellectual property losses. There is only one way to recover data stolen from malicious software and malware distributed by malicious individuals via the Internet of Things (IoT). With the TensorFlow platform, you can create Deep Learning algorithms to assist you in determining if someone stole your programming or source code. This is a form of infringement of intellectual property. It's called Google Code Jam (GCJ), and it occurs annually. The General Commission on Judicial Oversight conducts an annual investigation into utilisation theft to ascertain its true nature. It is a common practise to obtain malware samples via the Mailing Dataset. Deep Learning has a lot of potential for the future as a new and efficient way to solve real-world problems in the detection of cyber security threats.

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