

(54) Title of the invention : A THREAT DETECTION SYSTEM FOR PROTECTING A DEVICE AGAINST A CYBER-ATTACK AND METHOD THEREOF

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(71)Name of Applicant :
1)Dr.Venkatesh.B
 Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, BVRIT HYDERABAD College of Engineering for Women, Hyderabad, Telangana, India. Pin Code:500090 -----
2)Mrs.Vasanthamma H
3)Mr.Sanjeev Kumar
4)Dr.Rokesh Kumar Yarava
5)Dr.C.Madhusudhana Rao
6)Mr.Yogendra Kumar
7)Mr.Jaydip Kumar
8)Dr.J.Umamaheswari
9)Dr.J.Suganya
10)Mrs.S.Akilandeswari
 Name of Applicant : NA
 Address of Applicant : NA
 (72)Name of Inventor :
1)Dr.Venkatesh.B
 Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, BVRIT HYDERABAD College of Engineering for Women, Hyderabad, Telangana, India. Pin Code:500090 -----
2)Mrs.Vasanthamma H
 Address of Applicant :Associate Professor, Department of CS & E, Proudhadivaraya Institute of Technology, Hosapete, Karnataka, India. Pin Code:583225 -----
3)Mr.Sanjeev Kumar
 Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Subharti Institute of Technology and Engineering, Meerut, Uttar Pradesh, India. Pin Code:250005 -----
4)Dr.Rokesh Kumar Yarava
 Address of Applicant :Associate Professor, Department of CSE, Chalapathi Institute of Engineering and Technology (A), Guntur, Andhra Pradesh, India. Pin Code:522034 -----
5)Dr.C.Madhusudhana Rao
 Address of Applicant :Professor of CSIT, Institute of Aeronautical Engineering, Dundigal, Telangana, Hyderabad, India. Pin Code:500043 -----
6)Mr.Yogendra Kumar
 Address of Applicant :Assistant Professor, Department of Physics, VSP Government (PG) College- Kairana, Shamli, Uttar Pradesh, India. Pin Code:247774 -----
7)Mr.Jaydip Kumar
 Address of Applicant :Research Scholar, Department of Computer Science, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, Lucknow, Uttar Pradesh, India. Pin Code: 226025 -----
8)Dr.J.Umamaheswari
 Address of Applicant :Dean of Computer Science, ADM College for Women, Nagapattinam, Tamil Nadu, India. Pin Code:611001 -----
9)Dr.J.Suganya
 Address of Applicant :Head and Assistant Professor, Department of B.Voc. (Software Development in Multimedia and Animation), A.D.M.College for Women (Autonomous), Nagapattinam, Tamil Nadu, India. Pin Code:611001 -----
10)Mrs.S.Akilandeswari
 Address of Applicant :Assistant Professor, Department of Computer Science, A.D.M.College for Women (Autonomous), Nagapattinam, Tamil Nadu, India. Pin Code:611001 -----

(57) Abstract :
 The present invention discloses a threat detection system for protecting a device against a cyber-attack and method thereof. The system includes, but not limited to, a computer network intrusion detector that detects external attacks, an analyzing unit connected to the intrusion detector to analyse each attack found and identify a characteristic indicative of that attack and a data filter unit connected to the analyzer to produce an alert based on the characteristics of several attacks. Further, a processing unit is configured to receive a first set of measures from a control system's initial operation, the first set of measurements being obtained by each of the control system's numerous sensing and actuating devices. Accompanied Drawing [FIG. 1]

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