

(54) Title of the invention : A Novel Global Secure Management System with Smart Card for IoT and Cloud Computing

<p>(51) International classification :H04L 29/08</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</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 :</p> <p>1)Dr.S.Selvakanmani Address of Applicant :Associate Professor, Department of Computer Science and Engineering, Velammal Institute of Technology, Chennai, Tamil Nadu, India. Pin Code- 601204 Tamil Nadu India</p> <p>2)Mr.Rajeev Ratna Vallabhuni</p> <p>3)Ms.B.Usha Rani</p> <p>4)Ms.A.Praneetha</p> <p>5)Dr.Urlam Devee Prasan</p> <p>6)Dr.Gali Nageswara Rao</p> <p>7)Ms.Keerthika.K</p> <p>8)Dr.Tarun Kumar</p> <p>9)Dr.R.Senthil Kumaran</p> <p>10)Mr.Prabakaran.D</p> <p>(72)Name of Inventor :</p> <p>1)Dr.S.Selvakanmani</p> <p>2)Mr.Rajeev Ratna Vallabhuni</p> <p>3)Ms.B.Usha Rani</p> <p>4)Ms.A.Praneetha</p> <p>5)Dr.Urlam Devee Prasan</p> <p>6)Dr.Gali Nageswara Rao</p> <p>7)Ms.Keerthika.K</p> <p>8)Dr.Tarun Kumar</p> <p>9)Dr.R.Senthil Kumaran</p> <p>10)Mr.Prabakaran.D</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract :

The development of the Internet of Things (IoT) technology along with the Smart Radio Frequency Identification (RFID) originates an Intelligent Smart Card for accessing the user required services from the Cloud platform anywhere from the world with improved security and better routing facility. The intelligent Smart RFID card is a contactless card used to access the user required services from the Cloud Platform. The intelligent Smart RFID card is IoT enabled Card can be accessed different services through Gateway securely. The registered user profiles or services can be accessed from the Cloud Platform with the help of the IoT enabled Smart RFID card. The present invention disclosed here is a Novel Global Secure Management System with Smart Card for IoT and Cloud Computing comprising of: IoT Smart System (201); Multi-Protocol Label Switching (202); Gateway (203); and Cloud Environment (204); provides the Global Secure Management System by an intelligent Smart RFID card with IoT and Cloud Platform. The user required services are placed in the Cloud Platform which are integrated or connected to the secure service provider, registered user by the Gateway to the IoT enabled Smart RFID card present in the Secure Management System. The present invention disclosed herein uses an IoT enabled Smart Card which contains dual integrated chip that can be useful for contact and contactless access.

No. of Pages : 13 No. of Claims : 6