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<p>(51) International classification :H04L0029080000, H04L0029060000, H04W0004700000, H04W0012060000, H04W0048020000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : <b>1)Vikram Narayandas</b> Address of Applicant :Ph.D. Research Scholar, Dept. of IT, Annamalai University, Chidambaram, Tamil Nadu -----</p> <p>-----</p> <p><b>2)Dr.M.Archana</b> <b>3)Dr D Raman</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Vikram Narayandas</b> Address of Applicant :Ph.D. Research Scholar, Dept. of IT, Annamalai University, Chidambaram, Tamil Nadu -----</p> <p>-----</p> <p><b>2)Dr.M.Archana</b> Address of Applicant :Assistant Professor, Department of Information Technology, Faculty of Engineering and Technology, Annamalai University, Annamalai Nagar, Cuddalore District,Tamilnadu, India. -----</p> <p><b>3)Dr D Raman</b> Address of Applicant :Professor, Department of Computer Science and Engineering Vardhaman College of Engineering Kacharam,Shamshabad 501218 Telangana, India -----</p> <p>---</p>
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(57) Abstract :

ABSTRACT IN AN INTERNET OF THINGS (IOT) SYSTEM, A TECHNIQUE FOR AUTOMATED WIRELESS NETWORK AUTHENTICATION A secure IoT wireless network setup is disclosed using a system, device, and method. An Internet of Things (IoT) hub, for example, may include: a local wireless communication interface for establishing local wireless connections with one or more IoT devices and/or IoT extender hubs; a network router for establishing network connections over the Internet on behalf of the IoT devices and/or IoT extender hubs; and an authentication module pre-configured with a pass and a hidden service set identifier (SSID), the authentication module, which receives connection requests from IoT devices and/or IoT extender hubs and grants the connection requests when the IoT devices and/or IoT extender hubs use the pre-configured passphrase and hidden SSID; and the IoT hub's firewall, which blocks all outgoing and incoming connection requests except those directed to designated servers of an IoT service with known host names.. Figure of Abstract: FIG.1

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