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(54) Title of the invention : SYSTEM AND METHOD OF DETECTING BLUETOOTH RELATED VULNERABILITIES AND PREVENTING ATTACKS

<p>(51) International classification :G06F 215400, G06F 215500, G06F 215700, H04W 048000, H04W 841800</p> <p>(86) International Application No :NA Filing Date :NA</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)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)MISHRA, Rahul Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>2)SINGH, Dhiraj Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)PANDA, Surya Narayan Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

A real-time Bluetooth attack detection system comprises a mobile computing device; a processor to execute the computer readable instructions to automatically scan for potential security threats, such as malicious Bluetooth devices, rogue access points, and other security vulnerabilities; provide detailed threat assessments based on the automatically scanning of the mobile computing device, which comprises type of threat and its severity; and alerting administrators to prioritize and respond to security incidents/threat in real-time by notification or alert on the remote computing device. The system sniffs and analyzes Bluetooth traffic to identify any suspicious activity and reduce the risk of a security breach. The system further provides remote management, to enable administrators to manage the security of the user terminal device from a central location. The system provides detailed reporting and analytics capabilities, to allow administrators to track and analyze security incidents.

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