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(71)**Name of Applicant :**
1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY
Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. ----------- -----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)RAVIRAJ SINGH KURMI
Address of Applicant :Department of Computer Science & Engineering (DS), Noida Institute of Engineering & Technology, Greater Noida. Greater Noida ----------- -----------

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(57) Abstract :
The present invention discloses a smart memory leak detection device (100) comprising a memory analysis module (110), connection interface (120), analytics engine (130), neural module (140), and alert unit (150). It interfaces with embedded systems via standard ports and uses onboard AI to detect memory leaks in real time. The device offers dashboard integration (160) for visual diagnostics, enabling efficient debugging without system interruption.

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