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(57) Abstract :
 ABSTRACT The present disclosure introduces a gas leakage detection system Internet of Things 100 which provides an innovative system to enhance safety in household environments where gas stoves are commonly used. Comprising a combination of sensor technology and automated controls, this system detects and prevents gas leaks effectively. It comprises of flame thermostat sensor 102, automated ignition circuit 104, battery system 106, weight sensor 108, gas stove 110, knob 112, burner 114, wires 116, buzzer 118, controller 120 and IoT connectivity 122. Flame thermostat sensor detects the presence of a flame on the burner, triggering an automated ignition circuit to ignite the burner if necessary. REFERENCE FIG 1

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