

(54) Title of the invention : SYSTEM AND METHOD FOR KITCHEN SAFETY

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(57) Abstract :
 The present disclosure relates to a kitchen safety system (100) and method for ensuring kitchen safety. The system comprises a plurality of sensors (110), including a Carbon Monoxide sensor (112) and an LPG gas sensor (114), configured to detect the presence of flame and gas leakage. A load cell sensor (120) measures the overall weight placed on it and sends the measured weight as a signal to a microcontroller (130). The microcontroller (130) compares the received weight with a predetermined weight of a gas stove, determining the presence (claim 3) or absence (claim 4) of a utensil on the gas stove. The microcontroller (130) is further configured to alert a user based on the detection of flame or gas leakage.

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