

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2024

(21) Application No.202431027449 A

(43) Publication Date : 19/04/2024

(54) Title of the invention : AI Based LPG Gas Leakage Detection and Fire Alert System Notification

(51) International classification	:G06Q0050180000, G08B0025010000, G08B0007060000, G08B0017000000, G08B0017060000	(71) Name of Applicant : 1)JIS COLLEGE OF ENGINEERING Address of Applicant :Block A, Phase III, Dist. Nadia, Kalyani, West Bengal- 741235 Kalyani ----- Name of Applicant : NA Address of Applicant : NA
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(57) Abstract :

The proposed invention is an LPG gas detector integrated with a fire detection system, coupled with a WhatsApp notification mechanism. This innovation aims to enhance home safety by promptly identifying gas leaks and potential fire hazards. The gas detector utilizes advanced sensing technology to detect LPG leaks, triggering an immediate response from the fire detection system. In the event of a detected threat, the system generates an automated notification via WhatsApp, providing real-time alerts to users. The integration of these functionalities creates a comprehensive safety solution, fostering timely responses to prevent accidents and protect lives and property. The patent application seeks to secure the intellectual property rights for this innovative and potentially life-saving technology.

No. of Pages : 14 No. of Claims : 10