

(54) Title of the invention : AN AUTOMATED WHISTLE TRACKING AND COOKING READINESS SYSTEM FOR PRESSURE COOKERS

(51) International classification (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:A47J0027080000, A47J0027090000, A47J0036020000, G10K0005000000, A47J0036040000 :NA :NA : NA :NA :NA :NA :NA	(71)Name of Applicant : 1)IIHMR UNIVERSITY Address of Applicant :1, PRABHU DAYAL MARG, NEAR SANGANER AIRPORT, MARUTI NAGAR, JAIPUR, RAJASTHAN 302029 ----- Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)DR. AARTI SHARMA Address of Applicant :PROFESSOR OF PRACTICE, IIHMR UNIVERSITY, JAIPUR Jaipur ----- 2)DR. P.R. SODANI Address of Applicant :PROFESSOR AND PRESIDENT, IIHMR UNIVERSITY, 1, PRABHU DAYAL MARG, NEAR SANGANER AIRPORT, MARUTI NAGAR, JAIPUR, RAJASTHAN 302029 Jaipur ----- 3)KIRTI AGARWAL Address of Applicant :RESEARCH SCHOLAR, IIHMR UNIVERSITY, JAIPUR Jaipur ----- 4)DR. MRIDUL DHARWAL Address of Applicant :PROFESSOR, SHARDA UNIVERSITY, GREATER NOIDA GREATER NOIDA -----
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(57) Abstract :

Disclosed herein is an automated whistle tracking and cooking readiness system (100) for pressure cookers comprising of a cooker module (102) with an advanced lid incorporating tracking technology. The system further comprises a display module (104) presenting real-time information on a digital LED display, and a processing module (106) serving as central hub for the system (100). The system (100) further comprises of a pressure sensor (108) for measuring cooking pressure, a temperature sensor (112) for monitoring internal temperature, a whistle counting mechanism (114) to automatically count whistles, a battery unit (116) for consistent power supply, and a safety and notification module (118) for user awareness and alarms indicating events such as cooking completion or system (100) malfunctions.

No. of Pages : 27 No. of Claims : 10