(21) Application No.202111014025 A

(19) INDIA

(22) Date of filing of Application :30/03/2021 (43) Publication Date : 17/02/2023

## (54) Title of the invention: MULTIPURPOSE COOKING DEVICE

(51) International classification	:A47J0037060000, A47J0043180000, A47J0037080000, F02D0041280000, G06F0016500000	(71)Name of Applicant:  1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant: State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India (72)Name of Inventor:
(31) Priority Document No	:NA	1)Malika Arora
(32) Priority Date	:NA	2)Richa Mehta
(33) Name of priority country	:NA	3)Sonam Kaur
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	r :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A multipurpose cooking device comprising, a circular body 1 segmented into multiple concentric circular rings 2 that pop up to create primary slots 2 of different diameters for cooking food items, multiple sliding flaps 3 mounted over circular body 1 that slides outwards from body 1 for making secondary slots 3 to cook multiple food items, multiple weight sensor 5 integrated within each of cooking slots 2, 3 that determines presence of food kept in slots 2, 3 by a user and sends data to microcontroller, plurality of heating units 5 mounted with cooking slots 2, 3 and actuated via microcontroller that allow a user to cook multiple food items simultaneously upon detecting food over slots 2, 3, a biometric sensor 6 fabricated over body 1 that saves biometric data of user to create profile and based upon data microcontroller actuates primary and secondary slots 2, 3.

No. of Pages: 12 No. of Claims: 7