(19) INDIA

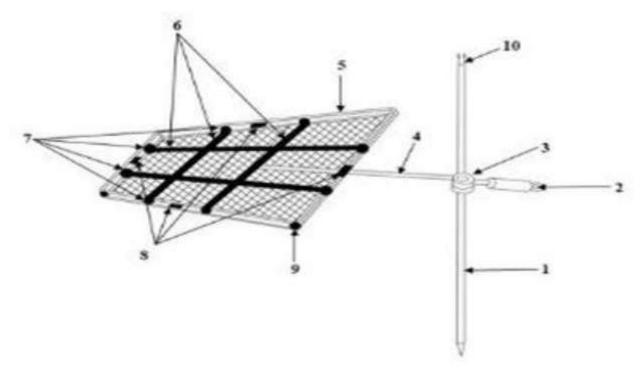
(22) Date of filing of Application :15/03/2020 (43) Publication Date : 17/09/2021

(54) Title of the invention: ADJUSTABLE CAMPFIRE GRILLING DEVICE

(51) International classification	A47J0033000000, A47J0037070000, H01L0021687000,	(71)Name of Applicant: 1)CGC Technical Campus 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)Rohini Mahajan
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	er :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an adjustable campfire grilling device, comprising a stake 1 designed in a manner to fit to a grilling surface 5 through a horizontal stand 4, a handle 2 connected at the end of the horizontal stand 4 for adjusting a height of the stand 4, at least two pairs of rods 6 mounted on the grilling surface 5 in a manner to house a food and are incorporated with wheels 7 for providing movement to the food on the grilling surface 5, a sensor 9 installed on the surface 5 for generating a relative signal upon detecting high intensity of flame arising from a campfire, a microcontroller connected with the sensor 9 for receiving the signal and determining the exact portion on the surface 5 that is subjected to the high intensified flame and multiple motors 8 in association with the wheels 7 and connected to the microcontroller that directs movement of the rods 6 over the grilling surface according to the determined portion.



No. of Pages: 11 No. of Claims: 8