

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

<p>(51) International classification :A47J0037060000, A47J0033000000, A47J0037070000, H01L0021687000, F16M0011180000</p> <p>(31) Priority Document No :NA (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 :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)CGC Technical Campus Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India</p> <p>(72)Name of Inventor : <b>1)Rohini Mahajan</b></p>
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(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.

