

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211016532 A

(19) INDIA

(22) Date of filing of Application :24/03/2022

(43) Publication Date : 02/02/2024

(54) Title of the invention : ERASER MANUFACTURING DEVICE

(51) International classification	:B43L0019000000, A21C0011100000, G01V0005000000, B29C0045260000, G01F0023292000	(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
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Amarjeet kaur
(32) Priority Date	:NA	2)Sonia Bhukra
(33) Name of priority country	:NA	3)Ashmeet kaur
(86) International Application No	:NA	4)Saurabh
Filing Date	:NA	5)Shipra
(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	

(57) Abstract :

An eraser manufacturing device, comprising a housing 1 installed with multiple chambers 2 dedicated towards storage of raw materials, an IR (Infrared) sensor 4 mapped within the container 3 for detecting presence of the raw materials inside the container 3, a pair of motorized rollers 6 placed at a base portion of container 3 that is activated by the microcontroller to give a defined shape to the dough, and plurality of cutting blades 7 arranged within the container 3 via multiple motorized guiding racks 8 that are sequentially activated by the microcontroller to perform cutting of the dough into multiple pieces in order to manufacture erasers.

No. of Pages : 15 No. of Claims : 8