

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211016535 A

(19) INDIA

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

(43) Publication Date : 02/02/2024

(54) Title of the invention : AUTOMATED HAIR TYING DEVICE

(51) International classification	:A41G0005000000, A46B0015000000, G01N0033483000, A46B0009020000, A45D0007000000	(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)Amandeep Kaur
(32) Priority Date	:NA	2)Erina
(33) Name of priority country	:NA	3)Bhasker Pratap Choudhary
(86) International Application No	:NA	4)Neha Baryah
Filing Date	:NA	5)Neha Sharma
(87) International Publication No	: NA	6)Anchal Sharma
(61) Patent of Addition to Application	:NA	7)Khushbu
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an automated hair tying device comprising an elongated telescopic frame 1 configured over a platform 2 such that the frame 1 is installed with an imaging unit 3 for determining a user's height and hair conditions, a motorized combing tool 6 integrated on the frame 1 for combing the user's hair, a laser sensing module 4 mounted on the frame 1 for conducting profiling of the user's hairs and scalp for determining user's hair quality, a display unit 5 configured on the frame 1 for enabling the user to select the user-desired type of braid, a multidirectional curved slider 7 integrated with three maneuvering members 8 installed on the frame 1 for performing different braiding pattern with sections of the user's hairs for braiding the user's hair and a clipping tool 9 integrated on the frame 1 for fastening end of the user's braid.

No. of Pages : 14 No. of Claims : 5