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

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(57) Abstract :

An adaptable hair tying device, comprises of a hair clutching tool 1 which includes a pair of telescopically crafted claw members 2 joined via hinge 3 which allows user to positions tool 1 in contact with hair, a gesture responsive panel 4 linked to microcontroller for actuating a multiple telescopic links 5 holding members for increasing length of members 2, multiple telescopic teeth 6 attached to links 5 extended for increasing gripping strength on the basis of density hairs, a set of pressure sensor fabricated on members detecting pressure of applied over user's hairs, AI camera 8 detecting color of outfit worn by user and an electro chromic coating 9 layered on members for changing color as per output generated by camera 8, thereby providing aesthetic hair tying experience to user.

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