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(54) Title of the invention : CUSTOMIZED HENNA PREPARING AND PRINTING DEVICE

<p>(51) International classification :B33Y0050000000, B32B0029000000, A47G0021000000, B29C0064118000, B01F0013000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Noida Institute of Engineering and Technology Address of Applicant :Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India ---- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. Pratibha Pandey Address of Applicant :Department of Biotechnology, Noida Institute of Engineering and Technology, Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. -----</p> <p>2)Aruna Vinod Kapse Address of Applicant :Department of Chemistry, Noida Institute of Engineering and Technology, Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. -----</p>
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(57) Abstract :

A customized henna preparing and printing device, comprising, a chamber 1 segregated between a first and second portion, wherein first portion is installed with multiple containers 2 for storing various ingredients for making a solution, a microcontroller linked with each of container 2 to actuate multiple iris mechanisms 3 to dispense ingredients, a mixing unit 8 installed at first portion, wherein unit 8 evenly mixes dispensed ingredients to form a semi solid solution, a perforated plate 4 sandwiched between first and second portions, wherein a wiping unit 5 is installed over plate 4 that evenly spreads out solution received from unit 8 over perforations, a display unit 6 paired with microcontroller over which user is enabled for selecting the desired type of and pixel blocks 7 fitted beneath each of perforations wherein microcontroller actuates blocks 7 according to pattern selected by user to print design over user's hands.

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