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(54) Title of the invention : NAIL(S) CUTTING DEVICE

(51) International classification	:B62J0099000000, A01G0007060000, H04N0005140000, A46B0009000000, A01M0021040000	(71) <b>Name of Applicant :</b> <b>1)Chandigarh Group of Colleges, Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(57) Abstract :

A nail(s) cutting device comprising of an elongated cylindrical body 1 arranged with a gripper 2 for providing a space to position a limb(s) of a user within the body 1, a pair of elongated sliding rail 3 in association with a circular sliding rail 4 for sliding towards the limb(s), a sharp edge extendable blades 5 for cutting the nails, an artificial intelligence (AI) camera 6 for capturing images of the nails and generating a command to the blades 5 via a microcontroller to cut the nails without harming the user, and also compares length of the nails with pre-fed length and cuts the electrical supply to a motorized lid 7 connected to the bod, a chamber 8 for collecting the cut nails, an sponge unit 9 connected with a motorized telescopic rod for cleaning the limb(s) after cutting the nails. Ref Figure 1

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