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(54) Title of the invention : WOODEN DECK REMOVING DEVICE

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(31) Priority Document No	:NA	(72)Name of Inventor : 1)Girish Mishra
(32) Priority Date	:NA	2)Kushdeep Singh
(33) Name of priority country	:NA	3)Mohit Sharma
(86) International Application No	:NA	4)Malika Arora
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(57) Abstract :

A wooden deck removing device comprising of a body 1 possessing plurality of robotic wheels 2, wherein the wheels 2 assists in movement of the body 1 on a wooden deck path, an artificial intelligence (AI) based camera 3 for capturing images of the wooden deck, wherein the microcontroller generates a command in case the detected images exceeds/recedes a threshold level, a pair of ball and socket joint provides rotation to the rod 4, an adjustable clasp 5 for clasping and pulling the deck from the path, wherein the first rod 4 extends/retracts to provide motion to the clasp 5, a wood nail removing unit 6 for removing nails secured on the wooden deck, a pressure sensor for sensing pressure exerted by the nail removing unit 6 on the nail to prevent breaking of the wooden deck. Ref Figure 1

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