

(54) Title of the invention : WOOD FURNISHING DEVICE

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(57) Abstract :

A wood furnishing device, comprising a body 1 configured with an image capturing module 2 in synch with an ultrasonic sensor 3 for detecting conditions of wooden surface, a tactile sensor 4 installed on body 1 for detecting hardness of wooden surface, a first telescopic rod 6 configured with multiple motorized roller 7 assembly, rod 6 rotates on its axis to position specific roller 7, a second telescopic rod 8 configured with a motorized roller 9 positioned adjacent to first rod 6, the microcontroller regulates extension and retraction of rods 6, 8, a rack embedded between rods 6, 8 and surface for providing translation of rods 6, 8 and a pair of L-shape telescopic bars 10 configured with suction unit 11 installed on the housing 1, the bar 10 extends and suction unit 11 creates vacuum to grip surface and flips to position unfurnished side of wooden surface.

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