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(54) Title of the invention : AUTOMATIC PLANK FIXING DEVICE

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(57) Abstract :

An automatic plank fixing device comprising of a pair of elongated rod 1 each joined with supporting bars 2 for fixing plank on a wall, a suction unit 3 for firmly holding the rod 1 on the wall, an artificial intelligence (AI) camera 4 for capturing images of area, a microcontroller for generating an alert about the dimensions and number of the plank required to be placed on the wall, a chamber 5 in association with at least two pistons 6 for storing plurality of the wooden plank, a robotic gripper 7 associated with a primary roller 8 for gripping the stored wooden plank and assisting in moving the plank to desired location, a secondary roller 9 for receiving the gripped plank, a cutter 10 for cutting excess of the plank, a nail gun 11 for punching nails on the wooden plank in order to fix on the area. Ref Figure 1

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