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(54) Title of the invention : PLYWOOD SHAPING DEVICE

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(57) Abstract :

A plywood shaping device comprising a portable body 1 arranged with an AI base camera 2 joined with a scanning unit 3 for capturing multiple images of plywood workpiece, a display unit 4 fitted on body 1 for displaying the reference map, a series of caterpillar wheels 5 allow movement of body 1, a marking tool 6 coupled with telescopic rod 7 through the motorized ball joint 8 for providing marking path, a circular frame 9 connected with ink chamber 10 through separate spoke 11 for dispensing the ink, pneumatic hammer tool 12 connected through the motorized ball joint 8 for hitting the plywood workpiece, suction unit 13 connected with caterpillar wheels 5 for providing the stability to body 1 during hitting the workpiece via a hammer tool 12 and, a PIR (Passive Infrared Resistive) sensor 14 fixed on body 1 for detecting an obstruction in working path.

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