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(57) Abstract :
A surface levelling assistive device, comprising a body 1 with a handle 2 developed to accessed by a user for positioning the body 1 in proximity to multiple unleveled ceramic tiles, a cushion member for allowing user to comfortably hold body 1, a LIDAR sensor 3 for detecting surface level of the ceramic tiles, a laser projection unit 4 for highlighting particular areas over body 1, a first and second boxes 6 positioned in proximity user, for storing a U-shaped plate 7 and member, an imaging unit 8 to detect proper positioning of plate 7 and members over junctions, an audio unit 9 to notify regarding incorrect placement along with guiding user to correct placement, a clamping unit 10 for allowing user to position the clamping unit 10 over plate 7, a sliding arrangement to provide movement to elongated block in order to push member within plate.

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