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(57) Abstract :
A cement block installation device comprises of a telescopically operated frame 1 developed to be positioned on a ground surface, a pair of supporting rods 2 for providing support to frame 1 on surface, a laser sensor for detecting positioning and spacing between blocks, multiple plates 3 to be aligned above spacing, a motorized hinge joint for deploying plates 3 between spacing, multiple telescopic bars 4 for placing multiple suction cups 5 over blocks, a plank 6 for pushing soil of the surface over the uneven portion, a microphone 7 for enabling user to provide input regarding positioning of blocks, a motorized wheel 8 for providing movement to frame 1 that positions blocks over user specified positioning, a secondary optical sensor for detecting alignment of blocks and a robotic link 9 attached with a mallet 10 for striking blocks in a manner that ensures alignment of blocks on surface.

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