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(54) Title of the invention : AUTOMATIC STONE BLOCK HANDLING DEVICE

(51) International classification	:A01G0013020000, E04H0012220000, B66C0001020000, E04F0021180000, B65B0059000000	(71)Name of Applicant : <b>1)Chandigarh Group of Colleges, Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(57) Abstract :

An automatic stone block handling device comprises of, a telescopic rod 1 having a top end installed with a handle 2 that allows a user to grip the rod 1 and maneuver in desired direction and a bottom end installed with pair of curved rods 3 positioned to grip stone blocks, an image capturing module 4 for determining dimensions of the blocks, a hinge joint for providing vertical and lateral movement to curved rods 3, multiple suction cups 5 for accommodate blocks in secured manner, a pair of telescopic pins 6 for releasing one of the block over ground surface for laying, an ultrasonic sensor for measuring distance between each consecutive blocks, a touch interactive screen 8 for receiving user-input regarding blue print to be followed for laying blocks, a storage chamber 9 linked with an electronic nozzle 10 and a pump for dispense cement solution over blocks.

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