

(54) Title of the invention : A SMART DUSTBIN

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(57) Abstract :

ABSTRACT A Smart Dustbin A smart dustbin comprises a bucket (1) having an automatic lid (2) is secured with a platform (3) supported on a driving assembly provided to move the dustbin to users' desired location. Controlling means are provided to receive the user's input data with help of a virtual LCD (4) and control the movement of the dustbin to the desired location. A sensor is provided with the automatic lid (2) to detect the user and send a command to a servo motor to open the automatic lid (2) and also to close the lid (2) automatically after use by the user. Another sensor is provided with the bucket (1) such that to sense a level of the waste present inside the bucket (1) and display it on the virtual LCD (4). A chargeable battery (5) is provided such that to provide the power supply needed to operate the dustbin. [Fig. 1]

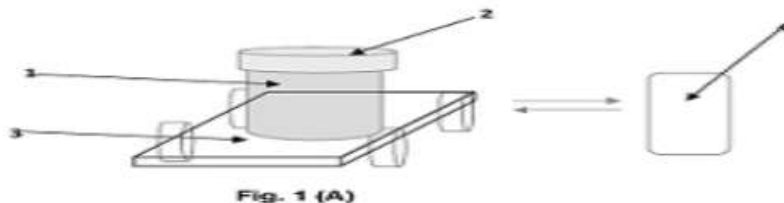


Fig. 1 (A)



Fig. 1 (B)

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