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(71)Name of Applicant :
1)CGC Technical Campus Jhanjeri
Address of Applicant :State Highway 12A Jhanjeri, Sahibzada
Ajit Singh Nagar, Punjab 140307, India. Punjab India

(72)Name of Inventor :
1)Sonia Bhukhra

(57) Abstract :

The present invention relates to a dust collecting device, comprising a dust collector 1 having multiple bristles installed on a top side of a broom 2 for collecting dust, a roller 3 installed with the collector 1 for reciprocating the dust unit 1 over the broom 2 in either direction(s), a motor 4 linked with the roller 3 for rotating in a clockwise/anticlockwise direction to assist in reciprocation of the roller 3 in either direction(s), a track 5 embedded within the broom 2 for providing pathway to the roller 3 in order to move freely on the track 5 and hold the collector 1 in a desired position and a detachable storing unit 6 installed on a bottom side of the broom 2 for storing the collected dust in order to perform cleaning.

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