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(51) International classification	:A47L0011400000, A47L0011380000, B08B0003040000, G01N0033180000, E04F0021080000	(71) <b>Name of Applicant :</b> <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 wall surface designing device, comprising of a body 1crafted with omnidirectional wheels 2, to assists in movement of the body 1, a display panel 3 for allowing a user to input commands regarding various designs to be crafted on a wall surface, an artificial intelligence (AI) camera 4 for capturing images of the area and determining dimensions of the area, a microcontroller generates a command to actuate a motorized telescopic rod 5, a cylindrical housing 6 for crafting the shapes, multiple color storing chambers 9linked with blocks 7 for allowing passage of the colors on the walls via nozzles 16, an outlet 10 for allowing the block 7 to move and imprint the designs, a cleaning assembly 11 for cleaning the sponge by dispensing water, a vacuum suction unit 12 for sucking the squeezed water and releasing in a draining chamber 13. Ref Figure 1

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