

(54) Title of the invention : PAINTING MACHINE

(51) International classification :F16K0031060000, E04F0021080000, B01F0013100000, B44D0003000000, G06T0011000000

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)Chitkara Innovation Incubator Foundation
 Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. -----

Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)GILL, Rupali
 Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

2)KUMAR, Pawan
 Address of Applicant :Department of IT, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

3)SINGH, Jaiteg
 Address of Applicant :Department of Computer Applications, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

4)KHURANA, Meenu
 Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

(57) Abstract :
 The present disclosure discloses a painting machine 100 comprising a camera 302 and a solenoid valve 304. A user fills four colors in chamber 1, chamber 2, chamber 3, and chamber 4. The machine 100 includes a first row including B1, B2, B3, B4, and B5, and a second row includes B6, B7, B8, B9, and B10 buttons. The first row corresponds to dark shade of colors, whereas the second row corresponds to a dull shade of colors. When the user clicks on a button, yarn brush 108 pushes corresponding color on wall. If the user likes the color, then the solenoid valve 304 paints said color on the wall based on CNN algorithm. The camera 302 that is connected to the solenoid valve 304 detects if any part of the wall is left unpainted, then the control unit 112 activates the yarn brush 108 to paint the wall.

No. of Pages : 17 No. of Claims : 10