

(54) Title of the invention : MULTI-LAYER MOTORIZED BLIND SYSTEM

(51) International classification :E06B0009240000, E06B0009386000, E06B0009680000, E06B0009520000, E06B0009420000

(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 University
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)ARORA, Jatin
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)BAJAJ, Vriddhi
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)SHARMA, Akshita
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)KAUR, Amandeep
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

5)SINGH, Saravjeet
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :
 According to the embodiments illustrated herein, a multi-layer motorized blind system (100) is disclosed. The system includes a frame (102) configured to be mounted to a window, one or more rods (104) attached to the frame to hold one or more blinds (106), and each of the one or more blinds configured to be retracted to expose the window and deployed from the associated rod to cover the window. Based on intensity of the light coming through the window, one or more blinds are deployed via a driving mean to prevent light coming inside. In addition, an insect-mesh blind is used to keep insects out of the house. Furthermore, the blinds are made of dust-proof material, which saves time for cleaning the blinds on a regular basis.

No. of Pages : 23 No. of Claims : 10