

(54) Title of the invention : INDOOR CLOTH MANAGEMENT DEVICE

(51) International classification :A61M0005145000, F03B0013180000, F16M0011100000, G16H0050200000, F16M0011200000

(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)Noida Institute of Engineering and Technology, Greater Noida**  
 Address of Applicant :Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

**Name of Applicant : NA**  
**Address of Applicant : NA**

(72)Name of Inventor :  
**1)Ranjan Kumar**  
 Address of Applicant :Department of Electronics and Communication Engineering, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

**2)Alka Singh**  
 Address of Applicant :Master of Computer Applications, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

**3)Dr. Raman Batra**  
 Address of Applicant :School of Management, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

(57) Abstract :  
 An indoor cloth management device comprises of an elongated body 1 configured with multiple rods 2 attached with the body 1 to allow a user to position cloth over the rods 2 to be positioned within an enclosure 3, a touch enabled screen 4 is mounted over the body 1 to allow the user to enter details regarding positioning of the body 1 within enclosure 3, a motorized slider 5 attached at apex of the body 1 to be installed within ceiling of the enclosure 3 in accordance with the user's command for moving the body 1, a motorized primary gear 6 paired with a pair of secondary gears 7 pivoted with the body 1 attached in between the body 1 and slider 5 regarding rotation of the body 1 and primary gear 6 to rotate on axis results in rotation of secondary gears 7.

No. of Pages : 12 No. of Claims : 3