

(54) Title of the invention : SYSTEM TO CONTROL WATTAGE OF LED LAMP

<p>(51) International classification :A63B 220000, F21Y 151000, H02P 090400, H04L 450000, H05B 453820</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)KAUR, Shaminder Address of Applicant :Department of Electronics and Communication Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SINGH, Kamalpreet Address of Applicant :Manager, ALP Nishikawa Company Private Limited, 34km Milestone Chandigarh-Ambala Highway, Lalru - 140501, Punjab, India. Mohali -----</p>
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(57) Abstract :
Embodiments of the present disclosure may include a system (100) to control power wattage of a LED lamp (102), the system includes a first sensor (104) to detect time of a day in a pre-defined area, and a second sensor (106) to detect presence of a person in the pre-defined area where the LED lamp is installed. Additionally, the system (100) includes a control unit (108) operatively coupled to the first sensor, the motion sensor, and configured to receive time of the day detected by the first sensor 104, and correspondingly adjust the power wattage of the LED lamp 102. Further, the control unit (108) activate the LED lamp 102 corresponds to the presence of the person detected by the motion sensor 106.

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