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| (51) International classification :G08G0001140000, G01C0009000000, A43B0003000000, E04H0006420000, E06B0009680000<br><br>(86) International Application No :PCT//<br>Filing Date :01/01/1900<br><br>(87) International Publication No : NA<br><br>(61) Patent of Addition to Application Number :NA<br>Filing Date :NA<br><br>(62) Divisional to Application Number :NA<br>Filing Date :NA | (71)**Name of Applicant :**<br>  1)**Malla Reddy Engineering College (Autonomous)**<br>    Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- ----------- -<br>**Name of Applicant : NA**<br>**Address of Applicant : NA**<br>(72)**Name of Inventor :**<br>  1)**Karthick Sri Sreniketh**<br>Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  2)**K.S.SRENIKETH**<br>Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  3)**G.VISWANATH**<br>Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  4)**M.RAJITH**<br>Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  5)**RAM SREEKAR**<br>Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  6)**Dr.N.Lakshmipathi Anantha**<br>Address of Applicant :Professor, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  7)**Dr.J.Anitha**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  8)**Kancharakuntla Shirisha**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  9)**P.Suvarna Pushpa**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  10)**G.Jagan Naik**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  11)**K.Subba Shankar**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- -----------<br>  12)**K Sudha kumari**<br>Address of Applicant :Associate Professor,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. ----------- ----------- |

(57) Abstract :
7. ABSTRACT An intelligent parking system by using a computer processor, a microcontroller board, a servo motor, IR sensors, a display screen and a power supply for arduino. The said arduino microcontroller is connected with entry and exit sensors for receiving analog signals and the said IR sensor senses the motion of vehicle at entrance and exit gates to send signals. The said arduino micro controller converts the analog signal from the sensors into digital. The said microcontroller sends digital signal to the servo motor. The said servo motors are used at the entrance and exit to open the gates. The said LCD display is used to provide information about parking spaces as occupied or free. The said power supply is used for supplying power to arduino and display. Figure associated with Abstract is Fig. 1.

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