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(71)Name of Applicant :

1)Malla Reddy Engineering College (Autonomous)

Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)MAREDDY NISHITH CHOWDARY

Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

2)NIVRITI VYTLA

Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

3)CH Y V S SRINIVAS

Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

4)MUCHARLA CHERRISMAA

Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

5)KYADHARI SAI PRANAV REDDY

Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

6)Dr.N.Lakshmiipathi Anantha

Address of Applicant :Professor, Ph.D Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

7)Dr. Raghunadh Pasunuri

Address of Applicant :Associate Professor Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

8)Dr.G.Vasavi

Address of Applicant :Associate Professor Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

9)Rapolu Jyothirmai

Address of Applicant :Assistant Professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

10)Dr. Manyam Thaile

Address of Applicant :Assistant Professor,Ph.D, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----

(57) Abstract :

7. ABSTRACT A system to detect drowsiness of the driver comprises an eye tracker, a face detection module, an eye blink detection module, an eye state tracking module and an alert system. The web camera is placed in front of the driver to capture images simultaneously record video and automatically saves in different types of forms for recording data in different frames like grey, HSV color and original form. The said eye trackers are used to measure eye positions and movements. The face detection module used to detect the facial concentration of the driver and image sequence input method uses all the images, videos and frames to detect the drowsiness. The alarm module rings as the driver is feeling drowsy. Figure associated with Abstract is Fig. 1.

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