

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411003978 A

(19) INDIA

(22) Date of filing of Application :19/01/2024

(43) Publication Date : 09/02/2024

(54) Title of the invention : ACCIDENT PREVENTION MODULE WITH MULTIPLE ALERT SYSTEM

(51) International classification :A61B0005110000, A61B0005000000, G10H0001000000, G08B0021060000, B60Q0009000000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Mahatma Jyotiba Phule Rohilkhand University

Address of Applicant :M.J.P.Rohilkhand University, Bareilly, Uttar Pradesh , India -243006 Bareilly -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Tanishka Jha

Address of Applicant :M.J.P.Rohilkhand University, Bareilly, Uttar Pradesh , India -243006 Bareilly -----

2)Suraj Kumar Ray

Address of Applicant :National Institute of Technology, Kurukshetra, Haryana, India Kurukshetra -----

3)Pankaj Kumar

Address of Applicant :M.J.P.Rohilkhand University, Bareilly , Uttar Pradesh , India -243006 Bareilly -----

4)Dr. Chhavi Sharma

Address of Applicant :M.J.P.Rohilkhand University, Bareilly, Uttar Pradesh , India -243006 Bareilly -----

(57) Abstract :

Accident prevention module with multiple alert System is the proposed invention. This module harnesses the power of innovative technology, integrating sleeping detection and eyeblink sensors to safeguard against potential accidents caused by fatigue and distraction. The future of such accident prevention modules lies in their continual improvement, adaptability to diverse environments, and seamless integration with evolving technology. By enhancing detection accuracy, personalizing interventions, and ensuring user acceptance, these systems can significantly contribute to reducing accidents caused by driver fatigue or distraction in various settings.

No. of Pages : 20 No. of Claims : 6