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(54) Title of the invention : MONITORING CENTRIC DRIVER FATIGUE DISCERNMENT BASED ON COMPUTER VISION

<p>(51) International classification :G06K0009000000, G06K0009620000, A61B0018120000, G08B0021060000, G16H0040200000</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)Manipal University Jaipur Address of Applicant :Jaipur-Ajmer Express Highway, Dehmi Kalan, Near GVK Toll Plaza, Jaipur Rajasthan India 303007 Jaipur ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. Nripendra Narayan Das Address of Applicant :Department of Information Technology, Manipal University Jaipur Jaipur Rajasthan India 303007 Jaipur -- ----- 2)Mr. Rishabh Kumar Address of Applicant :Department of Information Technology, Manipal University Jaipur Jaipur Rajasthan India 303007 Jaipur -- ----- 3)Ms. Meghna Agrawal Address of Applicant :Department of Information Technology, Manipal University Jaipur Jaipur Rajasthan India 303007 Jaipur -- -----</p>
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(57) Abstract :

According to an embodiment, system for monitoring centric driver fatigue discernment based on computer vision is disclosed. The computer vision engine comprising a processor coupled to a memory, the memory storing instructions executable by the processor to: determine one or more parameters value from the sensed one or more facial features; and determine one or more deviation states based on processing of the determined one or more parameters value to enable real-time monitoring centric driver fatigue discernment.

No. of Pages : 15 No. of Claims : 6



सत्यमेव जयते

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FORM -26
THE PATENTS ACT, 1970
(39 of 1970)

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THE PATENTS RULES, 2003

Form for Authorization of a Patent Agent/ or Any Person in a Matter or Proceeding under
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(See sections 127 and 132; rule 135)

We, **Manipal University Jaipur**, an Indian University having its registered address at, **Jaipur-Ajmer Express Highway, Dehmi Kalan, Near GVK Toll Plaza, Jaipur, Rajasthan-303007, India**, hereby authorise Ms. Pooja Patent Agent (IN/PA/1838) of **Innovate Intellects**, having their office address at A-102 Sector-9, New Vijay Nagar, Ghaziabad, INDIA, to act on our behalf in connection with filling of patent application for the invention under the above mentioned Act in respect of invention entitled **“MONITORING CENTRIC DRIVER FATIGUE DISCERNMENT BASED ON COMPUTER VISION”** and request that all notices, requisitions and communication relating thereto may be sent to such persons at the above address unless otherwise specified. We hereby revoke all previous authorizations, if any made, in respect of same matter or proceeding.

We hereby assent to the action already taken by the said persons in the above matters.

Dated thisday of June, 2022



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at Delhi

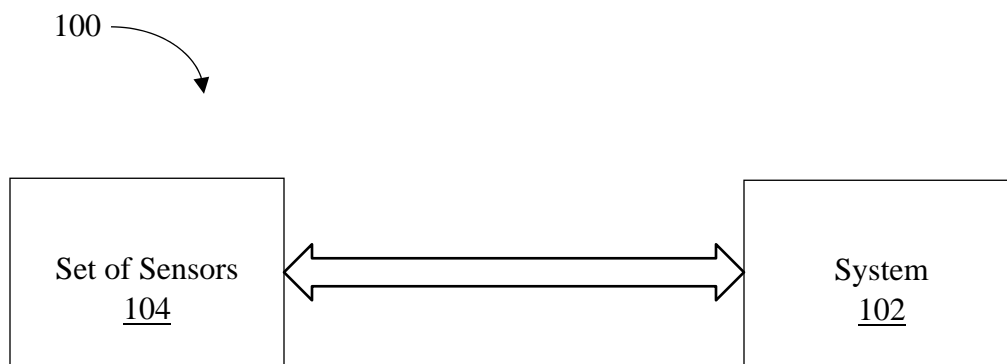


FIG. 1

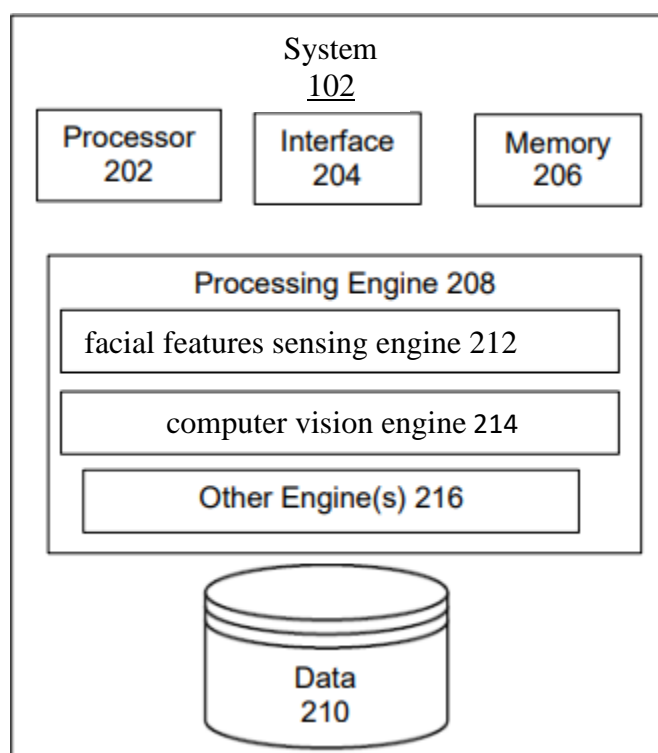


FIG. 2

Pooja

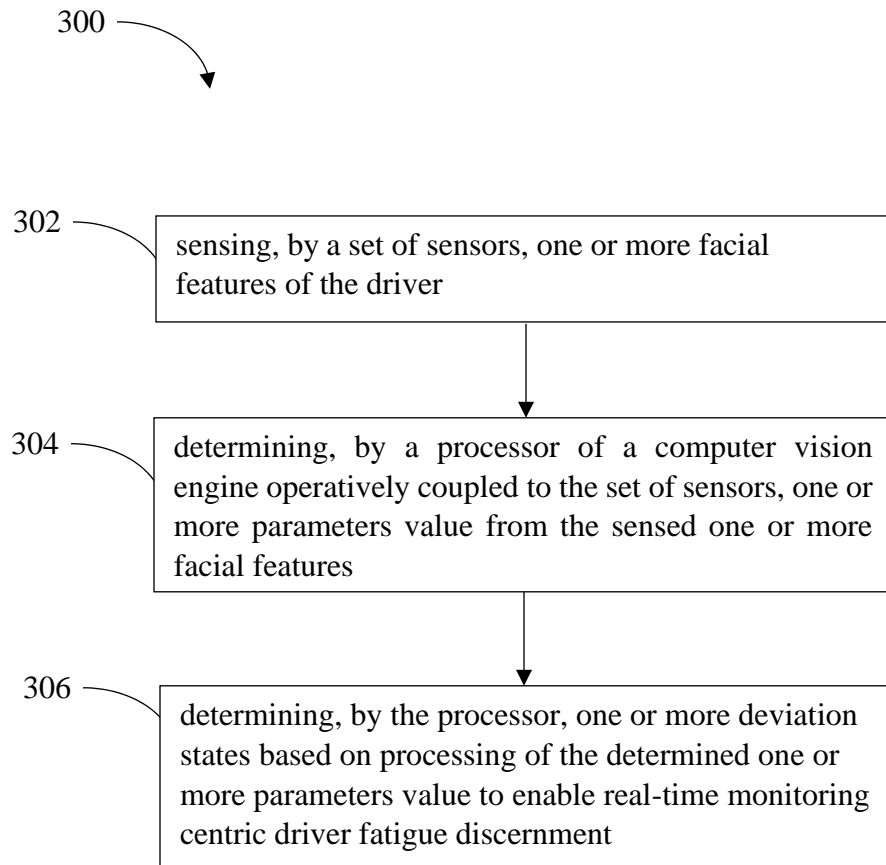


FIG. 3