

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311086976 A

(19) INDIA

(22) Date of filing of Application :19/12/2023

(43) Publication Date : 19/01/2024

(54) Title of the invention : THEFT PREVENTION DEVICE FOR FOUR-WHEELER VEHICLE

(51) International classification :B62D0001040000, F16H0059020000, B60R0025022000, F16M0013020000, G06F0021320000

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

(87) International Publication No : NA

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

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

(71)Name of Applicant :

1)Noida Institute of Engineering and Technology, Greater Noida

Address of Applicant :Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Ved Prakash

Address of Applicant :Department of Mechanical Engineering, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

2)Sanjay Kumar

Address of Applicant :Department of Mechanical Engineering, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

3)Mona Devi

Address of Applicant :Department of Computer Science & Engineering (DS), Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -

4)Nisha

Address of Applicant :Department of Electronics & Communication Engineering, Noida Institute of Engineering and Technology, Greater Noida, Plot No. -19, Knowledge Park-II, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. Greater Noida -----

(57) Abstract :

A theft prevention device for four-wheeler vehicle device comprises of curved-shaped body 1 constructed with extendable members 2 configured with motorized hinges 3 to place a steering wheel in contact with the body 1, a motorized clamp 4 configured at a first end of the body 1 for gripping the steering wheel, a camera 6 mounted for detecting exact location of gear lever, a ring 7 attached at a second end of the body 1, a laser acuity sensor positioned on the ring 7 for detecting diameter of the gear lever, a motorized iris lid 8 embedded within ring 7 to close for gripping the gear lever, a pair of rods 9 configured with the body 1 and equipped with a pair of suction cups 10, a fingerprint sensor 11 fabricated on the body 1 for enabling a user to give fingerprints verification for unlocking steering wheel and gear lever.

No. of Pages : 17 No. of Claims : 5