

(54) Title of the invention : AUXILIARY PILLION SITTING DEVICE FOR TWO WHEELERS

(51) International classification	:B62M0006500000, B62J0027000000, A47K0003022000, G03B0017480000, A43B0017140000	(71)Name of Applicant : 1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
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Filing Date	:NA	5)Sarabjit Singh
(87) International Publication No	: NA	6)Kushdeep Singh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An auxiliary pillion sitting device for two wheelers 3 comprising of a pair of telescopic rods 1 arranged over rear chassis 2 of two-wheeler 3 with a frame 4 positioned at tail section of two-wheeler 3, a primary high torque motor sandwiched in between rod 1 and chassis 2 to turn rod 1 in varied angles, a sitting unit 5 positioned over frame 4 having sitting-base 6 and backrest 8 fabricated with cushioned material to provide comfortable sitting, a secondary motor is integrated within unit 5 that rotates sitting unit 5 at varied angles, a pair of foot rests 7 arranged at frame 4 and linked with image capturing module 10 to capture user's image and to place user's feet while riding and a FBG sensor 9 arranged within unit 5 and linked with interactive screen 11 mounted over two-wheeler 3 to measure vital parameter and display on screen 11.

No. of Pages : 12 No. of Claims : 3