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(54) Title of the invention : AUTOMATIC TICKET COLLECTION SYSTEM

(51) International classification	:B60N0002000000, G06Q0020400000, B60N0002900000, G08G0001133000, G08B0005360000	(71)Name of Applicant : <b>1)Chandigarh Group of Colleges, Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(57) Abstract :

An automatic ticket collection system, comprising multiple weight-sensor 1 incorporated within the seat in association with light emitting diodes (LEDs) 2 of public transport vehicle for indicating presence of passenger through glowing LED, an image-capturing-module 4 mounted over a housing 5 for detecting location of glowing LED 2 on seat such that housing 5 slide over a pair of guide-rails 3 mapped over a floor of vehicle via pneumatic block to position in proximity to seat, a touch-interactive-screen 6 is secured over housing 5 for providing option to passenger to check need of ticket which is verified by entering identity number of ticket, a ticket-dispensing-unit 7 installed in housing 5 for dispensing ticket based upon passenger input destination and successful payment verification and a vibration-module integrated within seat for notifying passenger about arrival of destination by generating vibration and simultaneously LED 2 glows red to give visual notification to passenger.

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