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C.B.R. NO : 69

To
DR. T. SASIPRABA
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
JEPPIAAR NAGAR, RAJIB GANDHI SALAI, CHENNAI-600119, TAMILNADU, INDIA.

Serial Number	Reference Number	Application Number	Name of Article/Class	Amount Paid	Amount Computed
1	---	325332-001	MOBILE PHONE CASE WITH COLLAPSIBLE AIR CUSHIONS/14-03	1000	1000
2	---	325332-002	MOBILE PHONE CASE WITH COLLAPSIBLE CORNER AIR CUSHIONS/14-03	1000	1000
Total Amount				2000	2000

Received a sum of Rs. 2000 (Rupees Two Thousand only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	2000

For Controller of Patents & Designs

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(54) Title of the invention : PLANETARY GEAR STEERING TRICYCLE

(51) International classification	:B62K 9/02	(71)Name of Applicant : 1)Dr. B. KANIMOZHI Address of Applicant :SCHOOL OF MECHANICAL ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI - 119, TAMIL NADU, INDIA. Tamil Nadu India
(31) Priority Document No	:NA	2)Mr. KASILANKA HARISH KUMAR
(32) Priority Date	:NA	3)Mr. KAJA BANTHA NAVAS RAJAMOHAMED
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dr. B. KANIMOZHI
Filing Date	:NA	2)Mr. KASILANKA HARISH KUMAR
(87) International Publication No	: NA	3)Mr. KAJA BANTHA NAVAS RAJAMOHAMED
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(57) Abstract :

ABSTRACT: The invention deals with the development of tricycle are generally propelled by human energy. The disabled person generally uses Hand Powered Tricycles. The invention is considered by analysing the problems of disabled persons. In the planetary gear steering tricycle the propulsion system is connected to the main lever by a coupler link and consists of a dual gear pawl assembly (planetary gear assembly) in which the desired direction of motion is chosen by moving a shifter to engage one of the two gears press-fit, each of which allows motion in only one direction, either forward or reverse. By including a neutral pawl position in which neither clutch is engaged, this design allows an attendant to propel and control the tricycle. Planetary gear set is used to reduce the manual power to drive the tricycle. By giving less driving force will give more effective power to drive the tricycle e compared to the other type of tricycles

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