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(54) Title of the invention : Automated Push cart for Indian street vendors

<p>(51) International classification :B62B 030000, B62B 030200, B62B 031000, B62B 031200, G06Q 300600</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</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 :</p> <p><b>1)Dr. Gopalakrishna. K</b> Address of Applicant :Dr. Gopalakrishna. K Professor &amp; Principal, <b>Jyothy</b> Institute of Technology Address: Tataguni, Kanakapura Road, Bengaluru-560082, Phone No : 9845730509 principal@jyothyit.ac.in -----</p> <p><b>2)Aryan Sanjay Shivam</b> <b>3)Dr. K.V.Muralidhar Sharma</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p><b>1)Dr. Gopalakrishna. K</b> Address of Applicant :Dr. Gopalakrishna. K Professor &amp; Principal, Jyothy Institute of Technology Address: Tataguni, Kanakapura Road, Bengaluru-560082, Phone No : 9845730509 principal@jyothyit.ac.in -----</p> <p><b>2)Aryan Sanjay Shivam</b> Address of Applicant :Aryan Sanjay Shivam Student, USN : 1JT17ME003 Department of Mechanical Engineering, Jyothy Institute of Technology Address: Tataguni, Kanakapura Road, Bengaluru-560082, Phone No : +91 9535096005 Email ID : ariansanjay66@gmail.com Jyothy Institute of Technology -----</p> <p><b>3)Dr. K.V.Muralidhar Sharma</b> Address of Applicant :Dr. K.V.Muralidhar Sharma Associate Professor, Department of Mechanical Engineering, Jyothy Institute of Technology Address: Tataguni, Kanakapura Road, Bengaluru-560082, Phone No : +91 9449154928 Email ID : muralidhar.sharma@jyothyit.ac.in -----</p>
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(57) Abstract :

In consideration of all the problems faced by the street vendors, there was an idea developed to help them relieving them from those problems. This idea was about making the cart and automated cart which runs using an electric motor, where the electric motor is driven by the current source which is produced by the battery as a source. It is also considered and provided with steering mechanism for easy turning of the cart. A seating arrangement is also provided for the vendor to sit and operate the cart which will help in a greater way. It is also provided with shelter facility which can also be converted as a solar powered charging for the batteries as a source of power. The USP of the invention is the custom designed electric push cart using the FRC- Fiber Reinforced Composites & recirculated Glass fibers reinforced polymer composites wastes providing a cost effective robust body, designed exclusively for the street vendor's comfort and convenience.

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