

Zac Clark was a freshman at the University of San Francisco when the COVID-19 pandemic hit. He moved out of his dorm and into the Tenderloin, a low-income neighborhood in the ...

A solar-powered wheelchair mainly consists of a solar panel, charge controller, 24 V li-ion battery, PMDC motor, and motor driver. Solar energy is captured by solar panels from the sun and ...

In this study, a cheaper solar tricycle with more capability of utilizing the solar energy is designed for developing countries. The main content of the tricycle is Solar PV panel, Brushless...

Emmanuel says the idea of inventing the generator came as a result of his visit to Kambia District, North-western Sierra Leone, early this year, where he noticed the total lack of ...

A member of the Physical Disability (OPD) community in Borno State, Engineer Abubakar Ibrahim, has invented a solar-powered tricycle designed to improve mobility and ...

Explore the evolution of eco-friendly mobility today, solar-powered wheelchairs--from early prototypes to DIY solutions and a real product!

The study was aimed to design and fabricate a solar photovoltaic (PV) powered tricycle for disabled person (SPVPT-DP). Both primary and secondary data were used in this study.

Since Clark first launched the backpack in October 2022, more than 1,200 have been distributed at no cost to people experiencing homelessness in 25 cities throughout California. His nonprofit,...

Prior to the invention of the 600 watts in-built generator, Emmanuel and Andrew had invented a single-seater solar tricycle and a mini radio station. The solar tricycle covers about 50 ...

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