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(57) Abstract :

TITLE: DEVELOPMENT OF A SOLAR POWERED ECONOMICAL AND ENVIRONMENTAL FRIENDLY E-BANNER: AN EXCLUSIVE SUSTAINABLE GREEN APPROACH. The usage of plastic has been leading to major problems effecting the environment. As a move towards reducing the usage of plastic and the hazardous problems effecting the environment, the present invention discloses an environmental friendly solar based e-banner which completely works with the solar power and replaces the current plastic banners in the society and making it implementable at a very low cost. Its major applications include small scale organizations like colleges, shops, shopping malls, function halls and etc.

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Abstract:

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Complete Specification

Claims:WE CLAIM:

1. An environment friendly and safe electronic banner in form of complete device comprising:

a renewable energy driven solar panel for power generation in operative connection with Li-Po battery based power storage;

a rashberry pi interface;

an electronic display;

a power management unit adapted to continuously monitor power in said Li-Po Battery and operatively co-operating with said rashberry pi interface adapted to favour controlled shut down of rashberry pi before complete power drainage from said Li-Po battery based power storage.

2. The environment friendly and safe electronic banner in form of complete device as claimed in claim 1 comprising automatized shut down of the rashberry pi interface

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