

An Integrated Energy Harvesting System Using Solar Power, Thermoelectric Generators, Thermoelectric Cooling and LED Lighting Devices

Pictures of Patent/Technology



Descriptions of Patent/Technology

This integrated energy harvesting system includes green energy generation resources, secondary power reservoir subsystem (super capacitor, battery) and consumption devices; related energy source monitoring; and energy/power management and dispatching subsystems for residential, automobile, and a wide array of potential applications. It can harvest solar power and wasted heat energy through a combination of thermoelectric generator (TEG) and solar cells to produce the power to charge, energy output for powering thermoelectric coolers, air fan, and LED lighting devices.

Patent number: N/A

Patent type : N/A

Approved country : N/A

Technology Exchange Type: To Be Negotiated

Patent/Technology owner contact details :

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Patent/Technology Features :

Applicable industries : Residential green energy, and/or automobile accessories manufacturers.

Potential customers : Same as above

Market Analysis of derived product: TBD

IF the showcase is technology , then only need to fill out the technology exchange type and owner's contact details as above .