

# Inventions & Innovation Emerging Technology

## Flywheel Electric Battery

A flywheel is a device for storing energy or momentum in a rotating mass. A flywheel power system has a DC output similar to a chemical battery. A flywheel is being developed that will yield a higher power output than existing flywheel designs. Much of the preliminary research has been completed and a prototype is ready to be tested. Applications for this flywheel include use in spacecraft for energy storage and attitude control and in electric or hybrid vehicles for energy storage.



## Contact

*Thortek Innovation Laboratories  
101 River Drive  
Irvine, KY 40336-1117*

*Contact: Douglas Thorpe  
Telephone: 606-723-2289  
Email: [doug.thorpe@thortek.biz](mailto:doug.thorpe@thortek.biz)*



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