









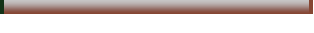
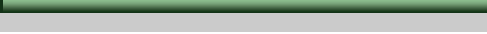




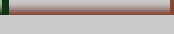


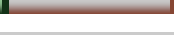


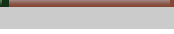










University of Colorado Cleantech/Energy Pipeline

Technology	Applications	Inventor	Case #	Concept	Proof of Principle	Applications Identified	Prototype	Feasibility Analysis
High-throughput Desalination Membrane	Water treatment and sanitation	Noble-Gin	CU1642B*					
Low-temperature Molten Salts	Purifies emissions from plants and factories	Al Weimer	1998.9010B*					
Controllable Nanometer-sized Valve	Hydrogen storage, separations, chemical sensors, controlled release of molecules	Falconer-Noble	CU1724B*					
Fuel-powered Portable LED Lantern	Emergency or off-grid light source	Jim Stevens	CU1606C					
Efficient, Low-cost Microchannel Polymer Heat Exchanger	Efficient, low-cost heat management in industrial and energy applications	David Denkenberger	CU2189B					
Engineered Acetate Tolerance in Microbes	More efficient biorefining processes	Ryan Gill	CU2104B					
Method For Delivering And Managing Power In Wireless Devices	Efficient wireless electronic devices	Zane-Popovic	CU1342B					
Economical Electrocatalyst for Water Oxidation in a Solar Cell	Efficient solar photoconversion of water into oxygen and hydrogen	Cordlandt Pierpont	CU2129B					
Molecular Biorefining to Liquid Alkanes and Alcohols	Efficient production of fuels and chemicals from renewable biomass feedstocks	Will Medlin	CU2051B					
Silicon and Germanium Nanoparticles for Lithium-ion Batteries	Efficient production of nanoparticles for energy storage applications	Stoldt-Lee	CU1776B, CU2305B					
Flexible Thermal Ground Plane	Micro-scale heat management for more efficient solar cells	Ronggui Yang	CU1945B					
Non-aqueous Nanoporous Gelled Ionic Polymer Electrolyte with High Lithium Ion Conductivity	Improved lithium ion batteries	Douglas Gin	CU1982B*					
Economic Multi-stage Solar Power/Heat System	Economic solar system to supply electricity, hot water and steam	Chen Li	CU2176B					
Method for Removal of Carbonyl Sulfide from Liquefied Petroleum Gas	Fuel processing method	Anthony Lagalante	9007B*					

IN PROGRESS

COMPLETED

University of Colorado Technology Transfer Office

www.cu.edu/techtransfer

To learn more about the technologies listed here, contact:

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