

Sandia National Laboratories

Intellectual Property Available for Licensing

SAND2011-6044P

Solar Technologies

Optical Fringe Analysis Slope Tool for (Solar) Mirror Characterization (SOFAT)	US Patent Pending
Process for Nanoscale Texturing of Silicon Solar Cells	US Patent # 6,329,296
Improved Method for Measuring Solar Irradiance	US Patent and Copyright Pending
Theoretical Overlay Photographic Alignment of Parabolic Solar Through Concentrators (TOPCAT)	US Patent Pending and US Patent# 7,667,833
Non-Invasive, Low-Cost Energy Meter for Fixed Variable Flow Solar	US Patent# 6,960,017
Reflected Target Technique for Canting and Focusing Heliostat Facets (H-FACET)	US Patent Pending.
Alignment Method for Parabolic Trough Solar Concentrators (TOPCAT)	US Patent# 7,667,833
Reflected Target Technique for Canting and Focusing Heliostat Facets (TOPHAT)	US Patent Pending

Wind Technologies

Nonlinear Aeroelastic Power Flow Control Design for Dynamic Stall	US Patent Pending
Nonlinear/Adaptive Power Flow Control Applied to Power Engineering	US Patent Pending

Energy Efficiency Technologies

Turbo-Alternator-Compressor Design for Supercritical Fluids	US Patents Pending
Energy Assurity Microgrid	US Patent Pending
Integrated Boiler, Superheater, Decomposer for Sulfuric Acid	US Patent# 7,645,437
High Surface Area Platinum Catalysts to Improve Fuel Cell Efficiency (NanoCoral™)	US Patent# 7,374,599 US Patent# 6,627,048

Cyber Security

Enhancement of Utilization of Encryption Engine	US Patent# 7,362,859
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Water Technologies

Optimized Alumina Coagulants
for Water Treatment

US Patents Pending

Hedgehog™ In-Tank
Containment Filter

US Patent# 7,514,004

Inorganic Sorbents for Anion
Removal

US Patent# 7,074,336
US Patent# 7,122,502
US Patent# 7,244,359

Geothermal Technologies

Inherently Safe In Situ Uranium
Recovery

US Patent Pending

Environmental Technologies

Method of Making Nanostructured
Glass Ceramic Waste Forms

US Patent Pending

Nanoporous Aluminum Oxide as
a Getter for Volatile
Radionuclides

US Patent Pending

In Situ Formation of Phosphate
Barriers in Soil and for
Sequestering Radionuclides and
Heavy Metals

US Patent# 6,416,252
US Patent# 6,592,294

A Miniature Quadrupole Mass
Spectrometer Having a Cold
Cathode Ionization Source

US Patent # 6,452,167
US Patent # 6,633,041

Deconstruction of Cellulosic
Biomass for Biofuels Production

US Patent Pending

Various licensing and partnering options are available for these technologies. To learn more about the technologies listed and additional technologies please contact:

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