

Clean Energy Inventions

A portfolio of disruptive inventions has been accumulated after two decades of research and collaboration with numerous inventors, a few of whom are among the world's most productive. These inventions are so radical that some may require tens of millions of dollars each to fully exploit. \$1 billion would establish a comprehensive clean energy inventions evaluation and development organization headquartered in Nevada. Divisions would include Board of Directors, Corporate Library, Consultants, Teaching Institute, Technical Evaluation and Advisory Board, and Incubator of Russian Inventions.

Large Generators – hydro-magnetic dynamo, focus fusion, BlackLight Power's hydrino generator, Kiev, Ukraine's I.N. Frantsevich Institute of Problems of Materials Sciences (IPMS) thorium-232 energy accumulator, thorium power pack, induction coil coating increases generator output by one-third, Magnatron – light-activated cold fusion magnetic motor, Tesla's global wireless transmission of electrical power, magneto-gravitational converter (Searl effect generator), Davis tidal turbine, wind turbine conversion, colliding plasma toroid fusion reactor, WIN zero point electrical energy converter, electrino fusion power reactor, plasma biomass gasification, nano-membrane pyro-gasification process, high-temperature incinerator, gas-phase catalytic fusion, phase-conjugate-resonator Tesla coil, self-confined thermonuclear (ball lightning fusion) reactor, cosmic induction generator, and direct energy conversion.

Small Generators – Casimir-layered electrodynamic generator, thin-film power generating disks, Testatika free energy machine, high-density charge clusters technology, energy catalyzer, cold fusion reactor with electric-to-thermal energy conversion, hybrid cold fusion hydrogen reactor, fiber-based cold fusion power cell, buried contact multijunction thin film solar cell, Borrowdale motor/generator, converter of zero-point electromagnetic radiation to electrical energy, pulsed abnormal glow discharge reactor, self-recharging energy generating gel cells, electronically shaded photo-voltaic glass, MulTask dome multiple-output omni-directional solar power generator, high-expansion magnetohydrodynamic liquid metal generator, Power Chip thermo-ionic generator, solar hydrogen producer, double-exposure flat plate solar collector, protium H⁺ stoichiometric hydrogen gas generator, solar-produced hydrogen turned into liquid Hy-Fuel, advanced solar photo-voltaic crystal lattice cells, Don Smith's generator, closed-loop phase-change gas system, geoexchange heat pump, self-recharging capacitive discharge thermal generator, ceramic electrodynamic wafer, solid-oxide fuel cell, method and apparatus for splitting water molecules, motionless electromagnetic generator, Richardson fuel-less electrical generator, Hawkings' generator of cold electricity, radiant energy pump/electricity generator, Hendershot magnetic motor, N-1 homopolar generator, atomic isotope generator, Trombly-Kahn closed-path homopolar generator, Trombly-Farnsworth solid-state oscillating electromagnetic system, high-voltage injection of rain water into cold fog, remediating nuclear waste with electron-captured protons with significant net energy gain, POWR/MASTR industrial engine, LUMELOID™ light-polarizing photovoltaic film, LEPCON™ femto diode photovoltaic glass sheet, magnetic drive generator, AuroraTek's self-charging electric bike, OASIS electric power unit, and torsion field energy devices.

Miscellaneous – super-conductive manganite substrates, amplified ionization filtration technologies, Sola-Q self-focusing omni-directional solar cooker, Aaftaab furnace, domestic lens, hydrosonic pump, IPMS-Chernovitsky super ceramics, IPMS micro-channels and filters, IPMS-Kiev and Arzamas-16 super magnets, capacitive step-down transformer, super steam technology, and new propulsion devices for space transportation including electrino fusion power reactor, Moe-Joe orgone energy cell, flying saucer engine, magnetic vortex drive engine, magneto-gravitational converter (Searl effect generator), electron spiral toroid Spheromak micro-fusion reactor (space launch costs reduced by 95%), anti-gravity ether shield, space drive engine, gravito magnetic device, David Burns' anti-gravity spacecraft, and meta-stable helium.

Advanced Self-Powered Electric Transportation Vehicles – switched reluctance motor, Stanley A. Meyer's water fuel cell-powered car, water engine, water-fueled internal combustion engine with Garrett electrolytic carburetor, Brown's gas carburetor, water-to-energy electrolysis process, Richardson blade-less Tesla-type steam turbine, noble gas plasma engine, Clem over-unity vegetable oil engine, multi-chambered rotary compression engine, closed-cycle Freon/rotary turbine, conical vortex heat exchange engine, four environmental heat engines, Volcheck: engine powered by gas with unusual expansion properties, liquid electricity engine, 90+ mpg carburetor, conversion of aluminum internal combustion engines to magnetic motor, Muller motor/generator, perm-mag motor, fuel saver that nearly doubles miles per gallon of gasoline, motive power generating device, Walden amplified magnetic motor, other over-unity magnetic motors, orgone energy motor, torsion field radio, advanced computer-controlled suspension systems, IPMS thermal electric cooling devices, Cool Chips thermo-ionic refrigerator, compressed air-driven air conditioner/heater, low-temperature diamond or titanium nitride coating of vehicle parts, monocoque (unibody) basalt/carbon fiber foam body/frame made with IPMS high-temperature gas plasma detonator, electric DC motor component which greatly increases efficiency, and one of more than a dozen candidate on-board fuel-less battery chargers.

Batteries/Energy Accumulators – solid-state Quantum High-Energy Density Storage or Retrieval (QUENSOR™) device, Casimir effect self-charging energy cell, Bedini battery charger, catalyst induced hydride transition cell, Maxwell Technologies ultra-capacitor, IPMS crystal lattice energy storage/battery device, nickel-iron battery, Edwin Baldwin's super-capacitor, nickel metal hydride batteries, solid-state lithium-ion batteries, liquid metal battery, John Hutchison's self-charged battery, endless electric field generator, Brown nuclear battery, Joe's orgone energy cell, Moe-Joe orgone energy cell, Yasunori Takahashi's ultra-capacitor, thin-film electrolytic cells, organic quinine-based redox flow battery, and torsion field energy storage applications.

Radioactive Waste Treatment Methods – electrino fusion power reactor, Purdue University patent, Hawkings' generator makes yard-long white spark of cold electricity several inches in diameter - substances inserted in spark sometimes transmute to heavier elements, collective ion accelerator treats both solid and liquid nuclear waste, dematerialization devices A, B, C and D using highest powered positive ions ever, photo-deactivation using gamma rays, implosion machine is electric arc welder modified to duplicate nature's ball lightning, Radha Roy's transmutation process, Barker invented easiest, most effective, and least messy method for remediation of radioactive waste, Gillembarido's method, transmutation of low-level nuclear waste into glassy substance with super high voltage, 96% reduction of radioactivity by welding with Brown's gas – further reduction is possible by utilizing liquefied Brown's gas, combining Brown's gas with bucking magnetic fields inside a plasma ball, Thomas Bearden's method, Searl effect generator or David Burns' anti-gravity spacecraft for one-way trips out of the solar system, Russian process uses liquid lead bismuth to trigger transforming in the form of neutrons, accelerator-driven transmutation of waste, Brown's gas-metal matrix process, photoremediation, ZIPP fusion process, RIPPLE fission process, low-energy nuclear transmutation electrolytic cells, plasma induced/injected transmutation, Kervran reactions, Monti process, higher group symmetry electrodynamics, recovery of uranium from incinerated low-level radioactive waste using super-critical CO₂, plasma gasification melting, e.coli – Birmingham University, low-energy nuclear remediation with ultra-low momentum neutron generator, flame-free incineration in a catalyzer, geomelting can encase nuclear waste in glass that is harder than concrete and lasts 200,000 years, John Hutchison's raygun, and fusion-fission hybrid reactor.

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