**Communications, Antennas, Optical**

[9,602,143](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9602143) [Multiple frequency parametric sonar](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9602143)

[9,553,368](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9553368) [Multi-band cable antenna with irregular reactive loading](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9553368)

[9,553,366](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9553366) [Twin-axial wire antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9553366)

[9,501,926](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9501926) [Two wire sonar telemetry](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9501926)

[9,424,858](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9424858) [Acoustic receiver for underwater digital communications](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9424858)

[9,407,010](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9407010) [Slotted antenna with anisotropic covering](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9407010)

[9,293,279](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9293279) [Coaxial switch](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9293279)

[9,281,568](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9281568) [Apparatus and method for improving the gain and bandwidth of a microstrip patch antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9281568)

[9,257,736](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9257736) [Broadband spiral transmission line power splitter](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9257736)

[9,219,890](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9219890) [Optical surface analysis system and method](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9219890)

[9,191,095](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9191095) [Bi-directional amplifier system for radio communication](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9191095)

[9,148,221](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9148221) [Optical data link](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9148221)

[9,094,081](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9094081) [Method for improving the range of an electromagnetic signal receiving system](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9094081)

[9,077,080](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9077080) [Inductively shorted bicone fed tapered dipole antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=9077080)

[8,849,080](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8849080) [Monolithically integrated fiber optic coupler](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8849080)

[8,842,361](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8842361) [Mode-locked laser with free-space optical feedback](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8842361)

[8,842,051](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8842051) [Omnidirectional buoyant cable antenna for high frequency communications](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8842051)

[8,836,597](http://www.pat2pdf.org/pat2pdf/foo.pl?number=88376597) [Motor controlled rotating base for directional submarine antennas](http://www.pat2pdf.org/pat2pdf/foo.pl?number=88376597)

[8,760,355](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8760355) [Hybrid dual band buoyant cable antenna element](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8760355)

[8,711,344](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8711344) [Method for remotely measuring fluctuations in the optical index of refraction of a medium](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8711344)

[8,706,052](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8706052) [Portable wideband antenna-radiated signal generator](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8706052)

[8,626,232](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8626232) [Method for controlling the launch of high-power broadband radio frequency waves](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8626232)

[8,610,637](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8610637) [Method for enabling the electronic propagation mode transition of an electromagnetic interface system](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8610637)

[8,599,078](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8599078) [Near-field RF current probe system for a floating buoyant cable antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8599078)

[8,593,355](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8593355) [Reconfigurable buoyant cable antenna with improved gain](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8593355)

[8,570,227](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8570227) [High-frequency transmit antenna system](http://www.pat2pdf.org/patents/pat8570227.pdf)

[8,547,291](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8547291) [Direct fed bifilar helix antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8547291)

[8,538,358](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8538358) [System and method for digitally controlling the launch of high-power broadband radio frequency waves with high linearity](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8538358)

[8,525,751](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8525751) [Tapered direct fed bifilar helix antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8525751)

[8,499,637](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8499637) [Laser based acousto-optic sensing enhancement using tailored retro-reflectors](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8499637)

[8,487,824](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8487824) [Zero degree grid antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8487824)

[8,462,828](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8462828) [System for generating coherent single-frequency single transverse mode light pulses](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8462828)

[8,446,325](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8446325) [Hybrid cable antenna for high frequency band](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8446325)

[8,440,958](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8440958) [Photo-receptor for electro-magnetic radiation collection](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8440958)

[8,427,387](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8427387) [Broadband spiral transmission line phase shifting power splitter](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8427387)

[8,401,134](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8401134) [Broadband high dynamic range digital receiving system for electromagnetic signals](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8401134)

[8,395,559](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8395559) [Capacitive loaded grid antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8395559)

[8,342,860](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8342860) [Interface board connector](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8342860)

[8,314,750](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8314750) [[Slotted bifilar or quadrifilar helix antenna](http://www.pat2pdf.org/patents/pat8314750.pdf)](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8314750)

[8,295,708](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8295708) [High speed underwater data transmission method](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8295708)

[8,228,243](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8228243) [Parallel plate antenna](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8228243)

[8,203,495](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8203495) [Modular VLF/LF and HF buoyant cable antenna and method](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8203495)

[8,201,813](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8201813) [Head window fixture and method](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8201813)

[8,179,327](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8179327) [Subsurface deployable antenna array](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8179327)

[8,175,547](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8175547) [Disposable chemical sensor and wireless communication device](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8175547)

[8,125,198](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8125198) [Multi-function modulator for low-powered, wired and wireless command, control, and communications applications](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8125198)

[8,063,838](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8063838) [Submarine mast antenna controller](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8063838)

[8,045,859](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8045859) [High-speed underwater data transmission system and method](http://www.pat2pdf.org/pat2pdf/foo.pl?number=8045859)

[7,868,833](http://www.pat2pdf.org/pat2pdf/foo.pl?number=7868833) [Ultra wideband buoyant cable antenna element](http://www.pat2pdf.org/pat2pdf/foo.pl?number=7868833)

[7,804,454](http://www.pat2pdf.org/patents/pat7804454.pdf) [Active high frequency transmitter antenna assembly](http://www.pat2pdf.org/patents/pat7804454.pdf)

[7,679,410](http://www.pat2pdf.org/patents/pat7679410.pdf) [System and method for improving the efficiency and reliability of a broadband transistor switch for periodic switching applications](http://www.pat2pdf.org/patents/pat7679410.pdf)

[7,629,938](http://www.pat2pdf.org/patents/pat7629938.pdf) [Open Yaggi antenna array](http://www.pat2pdf.org/patents/pat7629938.pdf)

**Energy, Power Generation and Storage**

[9,490,728](http://www.pat2pdf.org/patents/pat9490728.pdf) [Magnetoelectric energy harvesting](hhttp://www.pat2pdf.org/patents/pat9490728.pdf)

[9,340,889](http://www.pat2pdf.org/patents/pat9340889.pdf) [Method of fabricating a bipolar electrode for use in a semi fuel cell](http://www.pat2pdf.org/patents/pat9340889.pdf)

[9,048,762](http://www.pat2pdf.org/patents/pat9048762.pdf) [Energy harvesting utilizing stress induced phase transformation in ferro-electric piezocrystals](http://www.pat2pdf.org/patents/pat9048762.pdf)

[8,911,891](http://www.pat2pdf.org/patents/pat8911891.pdf) [Battery electrolyte level detector apparatus](http://www.pat2pdf.org/patents/pat8911891.pdf)

[8,871,397](http://www.pat2pdf.org/patents/pat8871397.pdf) [Zero emission fuel system for use with a fuel cell](http://www.pat2pdf.org/patents/pat8871397.pdf)

[8,839,618](http://www.pat2pdf.org/patents/pat88439618.pdf) [Ionic buoyancy engine](http://www.pat2pdf.org/patents/pat88439618.pdf)

[8,749,079](http://www.pat2pdf.org/patents/pat8749079.pdf) [Integrated wankel expander-alternator](http://www.pat2pdf.org/patents/pat8749079.pdf)

[8,715,867](http://www.pat2pdf.org/patents/pat8715867.pdf) [Deployable microbial fuel cell and methods](http://www.pat2pdf.org/patents/pat8715867.pdf)

[8,689,714](http://www.pat2pdf.org/patents/pat8689714.pdf) [Electrochemical buoyancy engine for autonomous undersea platforms](http://www.pat2pdf.org/patents/pat8689714.pdf)

[8,461,703](http://www.pat2pdf.org/patents/pat8461703.pdf) [Integrated external combustion radial piston engine-generator](http://www.pat2pdf.org/patents/pat8461703.pdf)

[8,387,382](http://www.pat2pdf.org/patents/pat8387382.pdf) [Diesel engine with air boosted turbocharger](http://www.pat2pdf.org/patents/pat8387382.pdf)

[8,338,972](http://www.pat2pdf.org/patents/pat8338972.pdf) [Method for underwater environmental energy transfer with a long lead zirconate titanate transducer](http://www.pat2pdf.org/patents/pat8338972.pdf)

[8,334,604](http://www.pat2pdf.org/patents/pat8334604.pdf) [Integrated external combustion cam engine-generator](http://www.pat2pdf.org/patents/pat8334604.pdf)

[8,242,626](http://www.pat2pdf.org/patents/pat8242626.pdf) [Magneto-electric method and apparatus for remote powering on the hull of an underwater vehicle](http://www.pat2pdf.org/patents/pat8242626.pdf)

[8,232,761](http://www.pat2pdf.org/patents/pat8232761.pdf) [Power conditioner for microbial fuel cells](http://www.pat2pdf.org/patents/pat8232761.pdf)

[8,156,726](http://www.pat2pdf.org/patents/pat8156726.pdf) [Semiclosed Brayton cycle power system with direct combustion heat transfer](http://www.pat2pdf.org/patents/pat8156726.pdf)[[7,906,340](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7906340.pdf)[[Method for quantitative determination of hydrogen peroxide using potentiometric titration](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7906340.pdf)[[7,926,276](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926276.pdf)[[Closed cycle Brayton propulsion system with direct heat transfer](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926276.pdf)

[[7,926,276](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926276.pdf)[[Closed cycle Brayton propulsion system with direct heat transfer](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926276.pdf)

[[7,926,275](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926275.pdf)[[Closed brayton cycle direct contact reactor/storage tank with chemical scrubber](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7926275.pdf)

[[7,906,340](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7906340.pdf)[[Method for quantitative determination of hydrogen peroxide using potentiometric titration](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7906340.pdf)[[7,649,283](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7649283.pdf)[[Inductive coupling method for remote powering of sensors](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7649283.pdf)

[[7,649,283](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7649283.pdf)[[Inductive coupling method for remote powering of sensors](http://www.pat2pdf.org/patents/pat8156726.pdf)](http://www.pat2pdf.org/patents/pat7649283.pdf)

[7,635,531](http://www.pat2pdf.org/patents/pat7635531.pdf) [Self contained fuel system for solid oxide fuel cell](http://www.pat2pdf.org/patents/pat7635531.pdf)

[7,755,326](http://www.pat2pdf.org/patents/pat7755326.pdf) [Battery monitoring and charging system](http://www.pat2pdf.org/patents/pat7755326.pdf)

[7,884,592](http://www.pat2pdf.org/patents/pat7884592.pdf) [Energy efficient method for changing the voltage of a DC source to another voltage in order to supply a load that requires a different voltage](http://www.pat2pdf.org/patents/pat7884592.pdf)

[7,937,930](http://www.pat2pdf.org/patents/pat7937930.pdf) [Semiclosed Brayton cycle power system with direct heat transfer](http://www.pat2pdf.org/patents/pat7937930.pdf)

[7,951,339](http://www.pat2pdf.org/patents/pat7951339.pdf) [Closed Brayton cycle direct contact reactor/storage tank with O.sub.2 afterburner](http://www.pat2pdf.org/patents/pat7951339.pdf)

[8,030,825](http://www.pat2pdf.org/patents/pat8030825.pdf) [Piezoelectric generator and method](http://www.pat2pdf.org/patents/pat8030825.pdf)

[8,044,637](http://www.pat2pdf.org/patents/pat8044637.pdf) [Battery charging method](http://www.pat2pdf.org/patents/pat8044637.pdf)

[8,156,726](http://www.pat2pdf.org/patents/pat8156726.pdf) [Semiclosed Brayton cycle power system with direct combustion heat transfer](http://www.pat2pdf.org/patents/pat8156726.pdf)

**Materials, Coatings and Transduction**

[9,616,624](http://www.pat2pdf.org/patents/pat9616624.pdf) [Method to repair deformations in elastomeric hoses](http://www.pat2pdf.org/patents/pat9616624.pdf)

[9,602,915](http://www.pat2pdf.org/patents/pat9602915.pdf) [Magnetically controllable transducer backing component](http://www.pat2pdf.org/patents/pat9602915.pdf)

[9,517,614](http://www.pat2pdf.org/patents/pat9517614.pdf) [Delamination and crack prevention layer for structural sandwich panels](http://www.pat2pdf.org/patents/pat9517614.pdf)

[9,316,604](http://www.pat2pdf.org/patents/pat9316604.pdf) [Method and apparatus for non-destructively determining features in a planar specimen](http://www.pat2pdf.org/patents/pat9316604.pdf)

[9,219,890](http://www.pat2pdf.org/patents/pat9219890.pdf) [Optical surface analysis system and method](http://www.pat2pdf.org/patents/pat9219890.pdf)

[9,215,525](http://www.pat2pdf.org/patents/pat9215525.pdf) [Transducer with modifiable passive component](http://www.pat2pdf.org/patents/pat9215525.pdf)

[9,048,762](http://www.pat2pdf.org/patents/pat9048762.pdf) [Energy harvesting utilizing stress induced phase transformation in ferro-electric piezocrystals](http://www.pat2pdf.org/patents/pat9048762.pdf)

[8,984,958](http://www.pat2pdf.org/patents/pat8984958.pdf) [Apparatus and method for determining the adhesive strength of biofilms on underwater protective coatings](http://www.pat2pdf.org/patents/pat8984958.pdf)

[8,976,241](http://www.pat2pdf.org/patents/pat8976241.pdf) [Surface deformation image analyzer](http://www.pat2pdf.org/patents/pat8976241.pdf)

[8,960,008](http://www.pat2pdf.org/patents/pat8960008.pdf) [System for measuring vibrations occurring on a surface](http://www.pat2pdf.org/patents/pat8960008.pdf)

[8,877,109](http://www.pat2pdf.org/patents/pat8877109.pdf) [Crimp-imbalanced fabrics](http://www.pat2pdf.org/patents/pat8877109.pdf)

[8,854,923](http://www.pat2pdf.org/patents/pat8854923.pdf) [Variable resonance acoustic transducer](http://www.pat2pdf.org/patents/pat8854923.pdf)

[8,820,155](http://www.pat2pdf.org/patents/pat8820155.pdf) [Coated metallic sample peel test](http://www.pat2pdf.org/patents/pat8820155.pdf)

[8,717,849](http://www.pat2pdf.org/patents/pat8717849.pdf) [Slotted cylinder acoustic transducer](http://www.pat2pdf.org/patents/pat8717849.pdf)

[8,701,255](http://www.pat2pdf.org/patents/pat8701255.pdf) [Protective fabric](http://www.pat2pdf.org/patents/pat8701255.pdf)

[8,689,414](http://www.pat2pdf.org/patents/pat8689414.pdf) [Protective fabric with weave architecture](http://www.pat2pdf.org/patents/pat8689414.pdf)

[8,673,211](http://www.pat2pdf.org/patents/pat8673211.pdf) [Method to reduce corrosion of aluminum alloys exposed to seawater](http://www.pat2pdf.org/patents/pat8673211.pdf)

[8,618,485](http://www.pat2pdf.org/patents/pat8618485.pdf) [Detection of discontinuity densities in composite materials](http://www.pat2pdf.org/patents/pat8618485.pdf)

[8,611,190](http://www.pat2pdf.org/patents/pat8611190.pdf) [Bio-acoustic wave energy transducer](http://www.pat2pdf.org/patents/pat8611190.pdf)

[8,604,676](http://www.pat2pdf.org/patents/pat8604676.pdf) [Crystalline relaxor-ferroelectric phase transition transducer](http://www.pat2pdf.org/patents/pat8604676.pdf)

[8,555,472](http://www.pat2pdf.org/patents/pat8555472.pdf) [Crimp-imbalanced protective fabric](http://www.pat2pdf.org/patents/pat8555472.pdf)

[8,549,920](http://www.pat2pdf.org/patents/pat8549920.pdf) [Acceleration strain transducer with increased sensitivity](http://www.pat2pdf.org/patents/pat8549920.pdf)

[8,518,495](http://www.pat2pdf.org/patents/pat8518495.pdf) [Superhydrophilic coatings for improved sonobuoy performance](http://www.pat2pdf.org/patents/pat8518495.pdf)

[8,483,977](http://www.pat2pdf.org/patents/pat8483977.pdf) [Method of laser vibration defect analysis](http://www.pat2pdf.org/patents/pat8483977.pdf)

[8,450,434](http://www.pat2pdf.org/patents/pat8450434.pdf) [Microcomposite with improved acoustic impedance](http://www.pat2pdf.org/patents/pat8450434.pdf)

[8,395,301](http://www.pat2pdf.org/patents/pat8395301.pdf) [High power single crystal piezoelectric transformer](http://www.pat2pdf.org/patents/pat8395301.pdf)

[8,392,133](http://www.pat2pdf.org/patents/pat8392133.pdf) [Method for measuring shear wavespeed in an isotropic plate](//www.pat2pdf.org/patents/pat8392133.pdf)

[8,344,253](http://www.pat2pdf.org/patents/pat8344253.pdf) [Integrated coaxial transducer](http://www.pat2pdf.org/patents/pat8344253.pdf)

[8,309,625](http://www.pat2pdf.org/patents/pat8309625.pdf) [Method and apparatus for preventing biofouling of surfaces](http://www.pat2pdf.org/patents/pat8309625.pdf)

[8,299,187](http://www.pat2pdf.org/patents/pat8299187.pdf) [Method for improving acoustic impedance of epoxy resins](http://www.pat2pdf.org/patents/pat8299187.pdf)

[8,274,167](http://www.pat2pdf.org/patents/pat8274167.pdf) [Apparatus for underwater environmental energy transfer with a long lead zirconate titanate transducer](http://www.pat2pdf.org/patents/pat8274167.pdf)

[8,229,141](http://www.pat2pdf.org/patents/pat8229141.pdf) [Dense transducer array and method](http://www.pat2pdf.org/patents/pat8229141.pdf)

[8,226,876](http://www.pat2pdf.org/patents/pat8226876.pdf) [Solid state extrusion of semi-crystalline fluoro-polymer films](http://www.pat2pdf.org/patents/pat8226876.pdf)

[8,188,638](http://www.pat2pdf.org/patents/pat8188638.pdf) [Cooling acoustic transducer with heat pipes[7,832,998](http://www.pat2pdf.org/patents/pat7832998.pdf) [Controlled skin formation for foamed extrudate](http://www.pat2pdf.org/patents/pat7832998.pdf)](http://www.pat2pdf.org/patents/pat8188638.pdf)

[8,088,162](http://www.pat2pdf.org/patents/pat8088162.pdf) [Membrane pump for synthetic muscle actuation](http://www.pat2pdf.org/patents/pat8088162.pdf)

[8,087,371](http://www.pat2pdf.org/patents/pat8087371.pdf) [Deployable and inflatable fendering apparatus and method](http://www.pat2pdf.org/patents/pat8087371.pdf)

[8,082,802](http://www.pat2pdf.org/patents/pat8082802.pdf) [Compact and stand-alone combined multi-axial and shear test apparatus](http://www.pat2pdf.org/patents/pat8082802.pdf)

[8,042,255](http://www.pat2pdf.org/patents/pat8042255.pdf) [Rapid fabrication techniques for arbitrary shape piezoelectric transducer sensors](http://www.pat2pdf.org/patents/pat8042255.pdf)

[7,906,340](http://www.pat2pdf.org/patents/pat7906340.pdf) [Method for quantitative determination of hydrogen peroxide using potentiometric titration](http://www.pat2pdf.org/patents/pat7906340.pdf)

[7,832,998](http://www.pat2pdf.org/patents/pat7832998.pdf) [Controlled skin formation for foamed extrudate](http://www.pat2pdf.org/patents/pat7832998.pdf)

[7,802,474](http://www.pat2pdf.org/patents/pat7802474.pdf) [Fiber optic laser accelerometer](http://www.pat2pdf.org/patents/pat7802474.pdf)

[7,691,798](http://www.pat2pdf.org/patents/pat7691798.pdf) [Coating to reduce friction on skis and snow boards](http://www.pat2pdf.org/patents/pat7691798.pdf)

[7,661,313](http://www.pat2pdf.org/patents/pat7661313.pdf) [Acceleration strain transducer](http://www.pat2pdf.org/patents/pat7661313.pdf)

[7,660,693](http://www.pat2pdf.org/patents/pat7660693.pdf) [Activation energy measurement method](http://www.pat2pdf.org/patents/pat7660693.pdf)

**Other**

[9,417,839](http://www.pat2pdf.org/patents/pat9417839.pdf) [Floating point multiply-add-subtract implementation](http://www.pat2pdf.org/patents/pat9417839.pdf)

[9,340,889](http://www.pat2pdf.org/patents/pat9340889.pdf) [Method of fabricating a bipolar electrode for use in a semi fuel cell](http://www.pat2pdf.org/patents/pat9340889.pdf)

[9,257,736](http://www.pat2pdf.org/patents/pat9257736.pdf) [Broadband spiral transmission line power splitter](http://www.pat2pdf.org/patents/pat9257736.pdf)

[8,854,246](http://www.pat2pdf.org/patents/pat8854246.pdf) [Method of converting an electromagnetic anechoic test chamber to an electromagnetic reverberation test chamber](http://www.pat2pdf.org/patents/pat8854246.pdf)

[8,842,497](http://www.pat2pdf.org/patents/pat8842497.pdf) [Method and device for internal acoustic monitoring of marine mammals](http://www.pat2pdf.org/patents/pat8842497.pdf)

[8,693,288](http://www.pat2pdf.org/patents/pat8693288.pdf) [Method for detecting a random process in a convex hull volume](http://www.pat2pdf.org/patents/pat8693288.pdf)

[8,605,549](http://www.pat2pdf.org/patents/pat8605549.pdf) [Method for producing a georeference model from bathymetric data](http://www.pat2pdf.org/patents/pat8605549.pdf)

[8,456,622](http://www.pat2pdf.org/patents/pat8456622.pdf) [Spatial and temporal coherence measurement system](http://www.pat2pdf.org/patents/pat8456622.pdf)

[8,392,133](http://www.pat2pdf.org/patents/pat8392133.pdf) [Method for measuring shear wavespeed in an isotropic plate](//www.pat2pdf.org/patents/pat8392133.pdf)

[8,341,823](http://www.pat2pdf.org/patents/pat8341823.pdf) [Method for connecting a head window to a frame](http://www.pat2pdf.org/patents/pat8341823.pdf)

[8,339,298](http://www.pat2pdf.org/patents/pat8339298.pdf) [Synchronous demultiplexer circuit and method](http://www.pat2pdf.org/patents/pat8339298.pdf)

[8,325,564](http://www.pat2pdf.org/patents/pat8325564.pdf) [Osmotic pressure based cavitation suppression system](http://www.pat2pdf.org/patents/pat8325564.pdf)

[8,201,813](http://www.pat2pdf.org/patents/pat8201813.pdf) [Head window fixture and method](http://www.pat2pdf.org/patents/pat8201813.pdf)

[8,177,721](http://www.pat2pdf.org/patents/pat8177721.pdf) [Remote blood pressure waveform sensing method and apparatus](http://www.pat2pdf.org/patents/pat8177721.pdf)

[8,175,547](http://www.pat2pdf.org/patents/pat8175547.pdf) [Disposable chemical sensor and wireless communication device](http://www.pat2pdf.org/patents/pat8175547.pdf)

[7,734,755](http://www.pat2pdf.org/patents/pat7734755.pdf) [Interactive data fault localization system and method](http://www.pat2pdf.org/patents/pat7734755.pdf)

[8,087,371](http://www.pat2pdf.org/patents/pat8087371.pdf) [Deployable and inflatable fendering apparatus and method](http://www.pat2pdf.org/patents/pat8087371.pdf)

[8,088,162](http://www.pat2pdf.org/patents/pat8088162.pdf) [Membrane pump for synthetic muscle actuation](http://www.pat2pdf.org/patents/pat8088162.pdf)

**Range Technology and Instrumentation**

[9,429,485](http://www.pat2pdf.org/patents/pat9429485.pdf) [Bolt shear force sensor](http://www.pat2pdf.org/patents/pat9429485.pdf)

[9,229,837](http://www.pat2pdf.org/patents/pat9229837.pdf) [Sensor array evaluation tool and method](http://www.pat2pdf.org/patents/pat9229837.pdf)

[8,854,246](http://www.pat2pdf.org/patents/pat8854246.pdf) [Method of converting an electromagnetic anechoic test chamber to an electromagnetic reverberation test chamber](http://www.pat2pdf.org/patents/pat8854246.pdf)

[8,843,126](http://www.pat2pdf.org/patents/pat88493126.pdf) [System for isolation testing of RF transmitters and receivers](http://www.pat2pdf.org/patents/pat88493126.pdf)

[8,820,155](http://www.pat2pdf.org/patents/pat8820155.pdf) [Coated metallic sample peel test](http://www.pat2pdf.org/patents/pat8820155.pdf)

[8,783,746](http://www.pat2pdf.org/patents/pat8783746.pdf) [Recovery stabilizing pole](http://www.pat2pdf.org/patents/pat8783746.pdf)

[8,601,970](http://www.pat2pdf.org/patents/pat8601970.pdf) [Tethered buoy housing and deployment assembly](http://www.pat2pdf.org/patents/pat8601970.pdf)

[8,543,342](http://www.pat2pdf.org/patents/pat8543342.pdf) [Towed array flow noise test apparatus](http://www.pat2pdf.org/patents/pat8543342.pdf)

[8,403,389](http://www.pat2pdf.org/patents/pat8403389.pdf) [Device for recovery of physical objects](http://www.pat2pdf.org/patents/pat8403389.pdf)

[8,402,734](http://www.pat2pdf.org/patents/pat8402734.pdf) [Linkage assembly](http://www.pat2pdf.org/patents/pat8402734.pdf)

[8,087,371](http://www.pat2pdf.org/patents/pat8087371.pdf) [Deployable and inflatable fendering apparatus and method](http://www.pat2pdf.org/patents/pat8087371.pdf)

**Sensors, Acoustics, Optics**

[9,616,624](http://www.pat2pdf.org/patents/pat9616624.pdf) [Method to repair deformations in elastomeric hoses](http://www.pat2pdf.org/patents/pat9616624.pdf)

[9,599,701](http://www.pat2pdf.org/patents/pat9599701.pdf) [Solid state device for reducing target strength](http://www.pat2pdf.org/patents/pat9599701.pdf)

[9,523,770](http://www.pat2pdf.org/patents/pat9523770.pdf) [Multiple frequency parametric sonar](http://www.pat2pdf.org/patents/pat9523770.pdf)

[9,501,926](http://www.pat2pdf.org/patents/pat9501926.pdf) [Two wire sonar telemetry](http://www.pat2pdf.org/patents/pat9501926.pdf)

[9,429,485](http://www.pat2pdf.org/patents/pat9429485.pdf) [Bolt shear force sensor](http://www.pat2pdf.org/patents/pat9429485.pdf)

[9,347,842](http://www.pat2pdf.org/patents/pat9347842.pdf) [Well conductor strain monitoring](http://www.pat2pdf.org/patents/pat9347842.pdf)

[9,316,604](http://www.pat2pdf.org/patents/pat9316604.pdf) [Method and apparatus for non-destructively determining features in a planar specimen](http://www.pat2pdf.org/patents/pat9316604.pdf)

[9,293,238](http://www.pat2pdf.org/patents/pat9293238.pdf) [Acoustic-sensing underwater tow cable](http://www.pat2pdf.org/patents/pat9293238.pdf)

[9,286,418](http://www.pat2pdf.org/patents/pat9286418.pdf) [Method for designing an acoustic array](http://www.pat2pdf.org/patents/pat9286418.pdf)

[9,229,837](http://www.pat2pdf.org/patents/pat9229837.pdf) [Sensor array evaluation tool and method](http://www.pat2pdf.org/patents/pat9229837.pdf)

[9,222,824](http://www.pat2pdf.org/patents/pat9222824.pdf) [Sensor for detecting the contact location of a gas-liquid interface on a solid body](http://www.pat2pdf.org/patents/pat9222824.pdf)

[9,219,890](http://www.pat2pdf.org/patents/pat9219890.pdf) [Optical surface analysis system and method](http://www.pat2pdf.org/patents/pat9219890.pdf)

[9,176,015](http://www.pat2pdf.org/patents/pat9176015.pdf) [Point load sensor](http://www.pat2pdf.org/patents/pat9176015.pdf)

[9,100,317](http://www.pat2pdf.org/patents/pat9100317.pdf) [Self surveying portable sensor nodes](http://www.pat2pdf.org/patents/pat9100317.pdf)

[9,091,750](http://www.pat2pdf.org/patents/pat9091750.pdf) [Thermodynamic device for reducing target strength](http://www.pat2pdf.org/patents/pat9091750.pdf)

[9,055,368](http://www.pat2pdf.org/patents/pat9055368.pdf) [Sound identification and discernment device](http://www.pat2pdf.org/patents/pat9055368.pdf)

[8,984,958](http://www.pat2pdf.org/patents/pat8984958.pdf) [Apparatus and method for determining the adhesive strength of biofilms on underwater protective coatings](http://www.pat2pdf.org/patents/pat8984958.pdf)

[8,976,241](http://www.pat2pdf.org/patents/pat8976241.pdf) [Surface deformation image analyzer](http://www.pat2pdf.org/patents/pat8976241.pdf)

[8,960,008](http://www.pat2pdf.org/patents/pat8960008.pdf) [System for measuring vibrations occurring on a surface](http://www.pat2pdf.org/patents/pat8960008.pdf)

[8,936,016](http://www.pat2pdf.org/patents/pat8936016.pdf) [Ambient temperature phase change launcher](http://www.pat2pdf.org/patents/pat8936016.pdf)

[8,922,636](http://www.pat2pdf.org/patents/pat8922636.pdf) [Synthetic aperture imaging for fluid flows](http://www.pat2pdf.org/patents/pat8922636.pdf)

[8,873,340](http://www.pat2pdf.org/patents/pat8873340.pdf) [Highly directive array aperture](http://www.pat2pdf.org/patents/pat8873340.pdf)

[8,773,954](http://www.pat2pdf.org/patents/pat8773954.pdf) [Acoustic source reactive to tow cable strum](http://www.pat2pdf.org/patents/pat8773954.pdf)

[8,773,945](http://www.pat2pdf.org/patents/pat8773945.pdf) [Apparatus for turbulent boundary layer control and flow noise reduction](http://www.pat2pdf.org/patents/pat8773945.pdf)

[8,768,647](http://www.pat2pdf.org/patents/pat8768647.pdf) [High accuracy heading sensor for an underwater towed array](http://www.pat2pdf.org/patents/pat8768647.pdf)

[8,750,077](http://www.pat2pdf.org/patents/pat8750077.pdf) [Acoustic ranging system for multi-line towed acoustic arrays](http://www.pat2pdf.org/patents/pat8750077.pdf)

[8,711,344](http://www.pat2pdf.org/patents/pat8711344.pdf) [Method for remotely measuring fluctuations in the optical index of refraction of a medium](http://www.pat2pdf.org/patents/pat8711344.pdf)

[8,693,288](http://www.pat2pdf.org/patents/pat8693288.pdf) [Method for detecting a random process in a convex hull volume](http://www.pat2pdf.org/patents/pat8693288.pdf)

[8,686,715](http://www.pat2pdf.org/patents/pat8686715.pdf) [Impedance compensation method for giant magneto-impedance magnetic sensors to null out the terrestrial residual magnetic field](http://www.pat2pdf.org/patents/pat8686715.pdf)

[8,674,824](http://www.pat2pdf.org/patents/pat8674824.pdf) [Sonar sensor array and method of operating same](http://www.pat2pdf.org/patents/pat8674824.pdf)

[8,618,485](http://www.pat2pdf.org/patents/pat8618485.pdf) [Detection of discontinuity densities in composite materials](http://www.pat2pdf.org/patents/pat8618485.pdf)

[8,601,970](http://www.pat2pdf.org/patents/pat8601970.pdf) [Tethered buoy housing and deployment assembly](http://www.pat2pdf.org/patents/pat8601970.pdf)

[8,599,649](http://www.pat2pdf.org/patents/pat8599649.pdf) [Laser-based method of detecting underwater sound through an ice layer](http://www.pat2pdf.org/patents/pat8599649.pdf)

[8,576,657](http://www.pat2pdf.org/patents/pat8576657.pdf) [Method for calibrating a plurality of data channels in a vector sensor](http://www.pat2pdf.org/patents/pat8576657.pdf)

[8,543,342](http://www.pat2pdf.org/patents/pat8543342.pdf) [Towed array flow noise test apparatus](http://www.pat2pdf.org/patents/pat8543342.pdf)

[8,520,471](http://www.pat2pdf.org/patents/pat8520471.pdf) [Towed acoustic source](http://www.pat2pdf.org/patents/pat8520471.pdf)

[8,499,637](http://www.pat2pdf.org/patents/pat8499637.pdf) [Laser based acousto-optic sensing enhancement using tailored retro-reflectors](http://www.pat2pdf.org/patents/pat8499637.pdf)

[8,488,414](http://www.pat2pdf.org/patents/pat8488414.pdf) [Acoustic line source](http://www.pat2pdf.org/patents/pat8488414.pdf)

[8,483,977](http://www.pat2pdf.org/patents/pat8483977.pdf) [Method of laser vibration defect analysis](http://www.pat2pdf.org/patents/pat8483977.pdf)

[8,479,583](http://www.pat2pdf.org/patents/pat8479583.pdf) [Quasi-static bend sensor using electro-active materials](http://www.pat2pdf.org/patents/pat8479583.pdf)

[8,470,921](http://www.pat2pdf.org/patents/pat8470921.pdf) [Ultra-low permeability polymeric encapsulated acoustic device and method](http://www.pat2pdf.org/patents/pat8470921.pdf)

[8,444,568](http://www.pat2pdf.org/patents/pat8444568.pdf) [Remote blood pressure waveform sensing method](http://www.pat2pdf.org/patents/pat8444568.pdf)

[8,331,194](http://www.pat2pdf.org/patents/pat8331194.pdf) [Underwater acoustic waveguide](http://www.pat2pdf.org/patents/pat8331194.pdf)

[8,321,161](http://www.pat2pdf.org/patents/pat8321161.pdf) [[Autonomous magnetic measurement system](http://www.pat2pdf.org/patents/pat8321161.pdf)](http://www.pat2pdf.org/patents/pat8321161.pdf)

[8,320,214](http://www.pat2pdf.org/patents/pat8320214.pdf) [Device for reducing target strength of an underwater object](http://www.pat2pdf.org/patents/pat8320214.pdf)

[8,306,763](http://www.pat2pdf.org/patents/pat8306763.pdf) [Particle characterization via doppler distribution](http://www.pat2pdf.org/patents/pat8306763.pdf)

[8,300,501](http://www.pat2pdf.org/patents/pat8300501.pdf) [Supercavitating projectile tracking system and method](http://www.pat2pdf.org/patents/pat8300501.pdf)

[8,300,303](http://www.pat2pdf.org/patents/pat8300303.pdf) [Acoustically focused optical lens](http://www.pat2pdf.org/patents/pat8300303.pdf)

[8,284,072](http://www.pat2pdf.org/patents/pat8284072.pdf) [Tsunami detection system](http://www.pat2pdf.org/patents/pat8284072.pdf)

[8,177,721](http://www.pat2pdf.org/patents/pat8177721.pdf) [Remote blood pressure waveform sensing method and apparatus](http://www.pat2pdf.org/patents/pat8177721.pdf)

[8,175,547](http://www.pat2pdf.org/patents/pat8175547.pdf) [Disposable chemical sensor and wireless communication device](http://www.pat2pdf.org/patents/pat8175547.pdf)

[8,174,166](http://www.pat2pdf.org/patents/pat8174166.pdf) [Uniformly distributed lead zirconate titanate strain sensor](http://www.pat2pdf.org/patents/pat8174166.pdf)

[8,134,887](http://www.pat2pdf.org/patents/pat8134887.pdf) [Directional acoustic density sensor](http://www.pat2pdf.org/patents/pat8134887.pdf)

[7,782,712](http://www.pat2pdf.org/patents/pat7782712.pdf) [Device for estimating local towed array angles](http://www.pat2pdf.org/patents/pat7782712.pdf)

[7,802,474](http://www.pat2pdf.org/patents/pat7802474.pdf) [Fiber optic laser accelerometer](http://www.pat2pdf.org/patents/pat7802474.pdf)

[7,881,156](http://www.pat2pdf.org/patents/pat7881156.pdf) [Method to estimate towed array angles](http://www.pat2pdf.org/patents/pat7881156.pdf)

[8,042,255](http://www.pat2pdf.org/patents/pat8042255.pdf) [Rapid fabrication techniques for arbitrary shape piezoelectric transducer sensors](http://www.pat2pdf.org/patents/pat8042255.pdf)

[8,064,060](http://www.pat2pdf.org/patents/pat8064060.pdf) Outboard optical cable sensor system and method

[8,087,372](http://www.pat2pdf.org/patents/pat8087372.pdf) [Fairlead for a tow cable handling system](http://www.pat2pdf.org/patents/pat8087372.pdf)

[8,096,253](http://www.pat2pdf.org/patents/pat8096253.pdf) [Cable fairing attachment](http://www.pat2pdf.org/patents/pat8096253.pdf)

**Signal Processing, Information Processing and Data Analystics**

[9,470,775](http://www.pat2pdf.org/patents/pat9470775.pdf) [Localization of short duration periodic signals](http://www.pat2pdf.org/patents/pat9470775.pdf)

[9,297,898](http://www.pat2pdf.org/patents/pat9297898.pdf) [Acousto-optical method of encoding and visualization of underwater space](http://www.pat2pdf.org/patents/pat9297898.pdf)

[9,292,971](http://www.pat2pdf.org/patents/pat9292971.pdf) [Three-dimensional tactical display and method for visualizing data with a probability of uncertainty](http://www.pat2pdf.org/patents/pat9292971.pdf)

[9,110,862](http://www.pat2pdf.org/patents/pat9110862.pdf) [System and method of use for non-parametric circular autocorrelation for signal processing](http://www.pat2pdf.org/patents/pat9110862.pdf)

[9,106,394](http://www.pat2pdf.org/patents/pat9106394.pdf) [Signal event detection system](http://www.pat2pdf.org/patents/pat9106394.pdf)

[9,001,614](http://www.pat2pdf.org/patents/pat9001614.pdf) [System for self-localizing near field data processing](http://www.pat2pdf.org/patents/pat9001614.pdf)

[8,867,862](http://www.pat2pdf.org/patents/pat8867862.pdf) [Self-optimizing analysis window sizing method](http://www.pat2pdf.org/patents/pat8867862.pdf)

[8,867,312](http://www.pat2pdf.org/patents/pat8867312.pdf) [Method for compressing the dynamic range of measured signals](http://www.pat2pdf.org/patents/pat8867312.pdf)

[8,837,566](http://www.pat2pdf.org/patents/pat8837566.pdf) [System and method for detection of noise in sparse data sets with edge-corrected measurements](http://www.pat2pdf.org/patents/pat8837566.pdf)

[8,755,250](http://www.pat2pdf.org/patents/pat8755250.pdf) [Line array doppler processing](http://www.pat2pdf.org/patents/pat8755250.pdf)

[8,743,657](http://www.pat2pdf.org/patents/pat8743657.pdf) [Resolution analysis using vector components of a scattered acoustic intensity field](http://www.pat2pdf.org/patents/pat8743657.pdf)

[8,693,288](http://www.pat2pdf.org/patents/pat8693288.pdf) [Method for detecting a random process in a convex hull volume](http://www.pat2pdf.org/patents/pat8693288.pdf)

[8,605,549](http://www.pat2pdf.org/patents/pat8605549.pdf) [Method for producing a georeference model from bathymetric data](http://www.pat2pdf.org/patents/pat8605549.pdf)

[8,576,666](http://www.pat2pdf.org/patents/pat8576666.pdf) [Graphical user interface for flow noise modeling, analysis, and array design](http://www.pat2pdf.org/patents/pat8576666.pdf)

[8,542,724](http://www.pat2pdf.org/patents/pat8542724.pdf) [Iterative joint minimum mean square error decision feedback equalizer and turbo decoder](http://www.pat2pdf.org/patents/pat8542724.pdf)

[8,295,412](http://www.pat2pdf.org/patents/pat8295412.pdf) [Compact filter design](http://www.pat2pdf.org/patents/pat8295412.pdf)

[8,200,489](http://www.pat2pdf.org/patents/pat8200489.pdf) [Multi-resolution hidden markov model using class specific features](http://www.pat2pdf.org/patents/pat8200489.pdf)

[8,185,490](http://www.pat2pdf.org/patents/pat8185490.pdf) [Class-specific iterated subspace classifier](http://www.pat2pdf.org/patents/pat8185490.pdf)

[7,734,755](http://www.pat2pdf.org/patents/pat7734755.pdf) [Interactive data fault localization system and method](http://www.pat2pdf.org/patents/pat7734755.pdf)

[7,800,978](http://www.pat2pdf.org/patents/pat7800978.pdf) [Method for real time matched field processing](http://www.pat2pdf.org/patents/pat7800978.pdf)

[7,587,374](http://www.pat2pdf.org/patents/pat7587374.pdf) [Data clustering method for bayesian data reduction](http://www.pat2pdf.org/patents/pat7587374.pdf)

**UUVs, Unmanned Vehicles, Autonomous Systems**

[9,488,438](http://www.pat2pdf.org/patents/pat9488438.pdf) [Small vehicle encapsulation for torpedo tube vehicle launch](http://www.pat2pdf.org/patents/pat9488438.pdf)

[9,377,806](http://www.pat2pdf.org/patents/pat9377806.pdf) [Hemispherical drive for autonomic and unconstrained actuation of flapping fins with variable amplitude](http://www.pat2pdf.org/patents/pat9377806.pdf)

[9,315,250](http://www.pat2pdf.org/patents/pat9315250.pdf) [Systems and methods to generate post-swirl propulsor side forces](http://www.pat2pdf.org/patents/pat9315250.pdf)

[9,051,031](http://www.pat2pdf.org/patents/pat9051031.pdf) [Rotary capture device with passive engagement and active release](http://www.pat2pdf.org/patents/pat9051031.pdf)

[9,031,733](http://www.pat2pdf.org/patents/pat9031733.pdf) [Casualty monitoring system for autonomous vehicle](http://www.pat2pdf.org/patents/pat9031733.pdf)

[8,936,016](http://www.pat2pdf.org/patents/pat8936016.pdf) [Ambient temperature phase change launcher](http://www.pat2pdf.org/patents/pat8936016.pdf)

[8,887,614](http://www.pat2pdf.org/patents/pat8887614.pdf) [Stacked buoyant payload launcher](http://www.pat2pdf.org/patents/pat8887614.pdf)

[8,880,275](http://www.pat2pdf.org/patents/pat8880275.pdf) [Autonomous underwater vehicle control system and method](http://www.pat2pdf.org/patents/pat8880275.pdf)

[8,783,746](http://www.pat2pdf.org/patents/pat8783746.pdf) [Recovery stabilizing pole](http://www.pat2pdf.org/patents/pat8783746.pdf)

[8,749,079](http://www.pat2pdf.org/patents/pat8749079.pdf) [Integrated wankel expander-alternator](http://www.pat2pdf.org/patents/pat8749079.pdf)

[8,708,285](http://www.pat2pdf.org/patents/pat8708285.pdf) [Micro-unmanned aerial vehicle deployment system](http://www.pat2pdf.org/patents/pat8708285.pdf)

[8,689,714](http://www.pat2pdf.org/patents/pat8689714.pdf) [Electrochemical buoyancy engine for autonomous undersea platforms](http://www.pat2pdf.org/patents/pat8689714.pdf)

[8,605,549](http://www.pat2pdf.org/patents/pat8605549.pdf) [Method for producing a georeference model from bathymetric data](http://www.pat2pdf.org/patents/pat8605549.pdf)

[8,437,885](http://www.pat2pdf.org/patents/pat8437885.pdf) [System and method for a launch control console for communication with unmanned underwater](http://www.pat2pdf.org/patents/pat8437885.pdf)

[8,376,694](http://www.pat2pdf.org/patents/pat8376694.pdf) [Systems and methods to generate propulsor side forces](http://www.pat2pdf.org/patents/pat8376694.pdf)

[8,242,626](http://www.pat2pdf.org/patents/pat8242626.pdf) [Magneto-electric method and apparatus for remote powering on the hull of an underwater vehicle](http://www.pat2pdf.org/patents/pat8242626.pdf)

[8,127,705](http://www.pat2pdf.org/patents/pat8127705.pdf) [Water entry system](http://www.pat2pdf.org/patents/pat8127705.pdf)

[7,613,553](http://www.pat2pdf.org/patents/pat7613553.pdf) [Unmanned vehicle control system](http://www.pat2pdf.org/patents/pat7613553.pdf)

[7,690,309](http://www.pat2pdf.org/patents/pat7690309.pdf) [Supercavitating vehicle control](http://www.pat2pdf.org/patents/pat7690309.pdf)

[7,869,910](http://www.pat2pdf.org/patents/pat7869910.pdf) [Auto-catalytic oscillators for locomotion of underwater vehicles](http://www.pat2pdf.org/patents/pat7869910.pdf)

[7,938,077](http://www.pat2pdf.org/patents/pat7938077.pdf) [Hydrogen generation apparatus for an underwater vehicle](http://www.pat2pdf.org/patents/pat7938077.pdf)

[8,042,483](http://www.pat2pdf.org/patents/pat8042483.pdf) [Apparatus for control of stator wakes](http://www.pat2pdf.org/patents/pat8042483.pdf)

[8,047,149](http://www.pat2pdf.org/patents/pat8047149.pdf) [Laser-based method for docking an unmanned underwater vehicle to a submarine](http://www.pat2pdf.org/patents/pat8047149.pdf)

[8,065,046](http://www.pat2pdf.org/patents/pat8065046.pdf) [Olivo-cerebellar controller](http://www.pat2pdf.org/patents/pat8065046.pdf)