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Principal Inventor	Technology	Application Number	Publication Date	Publication Number
Fotis Papadimitrakopoulos	Semiconductor Devices Comprising Carbon Nanotube or Graphene Gate Materials	12/533,770	04-Feb-2010	US 2010/0025660 A1
Aggelos Kiayias	Detecting and Revoking Pirate Redistribution of Content	12/476,035	18-Feb-2010	US 2010/0043081 A1
Fotis Papadimitrakopoulos	Methods for Separating Carbon Nanotubes	12/348,631	25-Feb-2010	US 2010/0044230 A1
Timothy T Hla	Inhibition of Atherosclerosis and Vascular Inflammation by Targeting Sphingosine 1-phosphate Receptor-2	12/558,797	18-Mar-2010	US 2010/0068200 A1
Alexandru D Asandei	Ring Opening Polymerization of Cyclic Esters, Polyesters Formed Thereby, and Articles Comprising the Polyesters	12/623,892	18-Mar-2010	US 2010/0069598 A1
Cato Laurencin	Carbon Nanotube Composite Scaffolds for Bone Tissue Engineering	12/586,345	25-Mar-2010	US 2010/0075904 A1
Steven L Suib	Improved Process for the Oxidative Dehydrogenation of Ethane	12/586,146	08-Apr-2010	US 2010/0087615 A1
Quing Zhu	Method and Apparatus of Hybrid Photoacoustic and Ultrasound Guided Diffused Photo-Density Wave Tomography	12/578,799	15-Apr-2010	US 2010/0094134 A1
Choukri Ben Mamoun	Use of Conditional Plasmodium Strains Lacking Nutrient Transporters in Malaria Vaccination	12/381,326	06-May-2010	US-2010/0112010 A1
Gregory A. Sotzing	Poly (Thieno[3,4-b]furan) A New Low Band Gap Conducting Polymer	11/456,606	06-May-2010	US 2010/0113727 A1
Seungjoon Lee	Broadcast Latency Optimization in Multihop Wireless Networks	12/335,727	17-Jun-2010	US 2010/0149983 A1
Patrick T Mather	Shape Memory Rubber and Applications Thereof	12/718,249	24-Jun-2010	US 2010/0160522 A1
Pu-Xian Gao	Doping/Alloying/Coating of Large Scale Semiconductor Nanowire Arrays	12/618,689	22-Jul-2010	US 2010/0180950 A1
Bruce T Liang	Circulating Cleaved Caspase 3 as a Novel Marker For Acute Congestive Heart Failure	12/765,351	12-Aug-2010	US 2010/0203566 A1
Krishna Pattipati	Distributed Fault Diagnosis	12/396,176	02-Sep-2010	US 2010/0222897 A1
Diane J Burgess	A Novel Dialysis Adapter Cell for In Vitro Release Testing of Colloidal/Disperse Dosage Forms using a Flow-Through USP Dissolution Apparatus 4	12/714,770	02-Sep-2010	US 2010/0221838 A1
Robert R Birge	Protein-based Artificial Retina with Externally Controllable Pixel Energetics and Differential Responsivity	12/718,780	09-Sep-2010	US 2010/0226957 A1
Robert R Birge	Protein-Based Artificial Retinas	12/718,780	09-Sep-2010	US 2010/0226957 A1
Gregory A. Sotzing	Flexible Electrochromic Devices, Electrodes Therefor, and Methods of Manufacture	12/727,927	30-Sep-2010	US 2010/0245971 A1
Cato Laurencin	Mechanically Competent Polysaccharide Based Porous Grafts for Bone Repair and Regeneration	12/710,637	30-Sep-2010	US 2010/0249931 A1

Quing Zhu	Method and Apparatus for Medical Imaging Using Combined Near-Infrared Optical Tomography, Fluorescent Tomography and Ultrasound	11/780,200	07-Oct-2010	US 2010/0256496 A1
George Y Wu	Structural Analogs for Inhibition of HCV Replication	12/757,828	14-Oct-2010	US 2010/0260713 A1
Gregory A. Sotzing	DNA-Based Photovoltaic Cell	12/800,583	18-Nov-2010	US 2010/0288343 A1
Cato Laurencin	Synergetic Functionalized Spiral-in-Tubular Bone Scaffolds	12/455,778	09-Dec-2010	US 2010/0310623 A1
Bodhisattwa Chaudhuri	Multi-dimensional Rotary Mixer for Granular Blending	12/836,603	20-Jan-2011	US 2011/0013479 A1
Timothy T Hla	Methods of Inhibiting Vascular Permeability and Adoptosis	12/894,783	20-Jan-2011	US 2011/0015159 A1
Roshan Shah	Multi-dimensional Rotary Mixer for Granular Blending	12/836,603	20-Jan-2011	US 2011/0013479 A1
Hai Lin	System and Method to Improve Efficiency of VLIW Processors	12/719,823	27-Jan-2011	US 2011/0022821 A1
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Steven L Suib	Fischer-Tropsch Catalysts Containing Iron or Cobalt Selective Towards Higher Hydrocarbons	13/072,683	26-Mar-2011	US 2012/0245236 A1
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Steven L Suib	Oxidation of Environmental Contaminants with Manganese Oxides	12/903,866	21-Apr-2011	US 2011/0091283 A1
Mei Wei	Electrospun Apatite/Polymer Nano-composite Scaffolds	12/971,235	16-Jun-2011	US 2011/0140295 A1
Gregory A. Sotzing	Thermally Stable Conducting Polymers, Methods of Making, and Methods of Use Thereof	13/004,141	14-Jul-2011	US 2011/0168951 A1
Patrick T Mather	Endoprostheses	13/053,461	14-Jul-2011	US 2011/0172753 A1
Pu-Xian Gao	Boundary-Modulated Nanoparticle Junctions and a Method for Manufacture Thereof	12/404,036	28-Jul-2011	US 2011/0180783 A1
Richard Christenson	Smart Vibration Absorber for Traffic Signal Supports	12/986,507	11-Aug-2011	US 2011/0193277 A1
Gregory A. Sotzing	Conjugated Polymers from Substituted 3,4-Propylenedioxythiophene, Compositions, Method of Making, and Use Thereof	13/094,348	18-Aug-2011	US 2011-0201826 A1
Cato Laurencin	Natural Polymer-Based Porous Orthopedic Fixation Screw for Bone Repair and Regeneration	13/033,094	25-Aug-2011	US 2011/0208190 A1
Bruce T Liang	Compositions and Methods to Treat Cardiac Diseases	13/031,805	01-Sep-2011	US-2011-0212924A1
Cato Laurencin	A Novel Cell Permeable Cyclic AMP Analogue, 6Bnz-cAMP, for Bone Tissue Engineering Application	13/038,792	08-Sep-2011	US 2011/0217337 A1

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Gregory A. Sotzing	Formation of Conjugated Polymers for Solid-State Devices	13/069,627	29-Sep-2011	US 2011/0233532 A1
Mei Wei	A Functionally Gradient Bioactive Ceramic Coating	13/177,054	24-Nov-2011	US-2011/0287167 A1
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Gregory A. Sotzing	Flexible Electrochromic Devices, Electrodes Therefor, and Methods of Manufacture	13/221,996	29-Dec-2011	US 2011/0317240 A1
Mei Wei	Ceramic/Structural Protein Composites and Method of Preparation Thereof	13/231,488	05-Jan-2012	US 2012/0003280 A1
John J Peluso	Progesterone Receptor Membrane Component 1 (PGRMC1) as an Indicator of Human Fertility	13/135,747	19-Jan-2012	US 2012/0015363 A1
Eric H Jordan	Preparation of Amorphous Mixed Metal Oxides and their use as Feedstocks in Thermal Spray Coating	13/008,994	26-Jan-2012	US 2012/0017805 A1
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Jeffrey R. McCutcheon	The Modification of Thin Film Composite Membrane Support Structures Using Polydopamine for Engineered Osmosis Applications	13/184,987	01-Mar-2012	US 2012/0048805 A1
John J Peluso	Progesterone Receptor Membrane Component 1 (PGRMC1) as an Indicator of Fertility in Animals	13/135,851	15-Mar-2012	US 2012/0060767 A1
Horea T. Ilies	Method and System for Constructing Geometric Skeletons and Medial Zones of a Shape	13/172,824	29-Mar-2012	US 2012/0078585 A1
Horea T. Ilies	Method and Apparatus for Finding the Medial Zones of a Three-Dimensional Object	13/172,824	29-Mar-2012	US2012/0078585 A1
Lakshmi S. Nair	Lactoferrin Based Regenerative Biomaterials for Tissue Regeneration and Drug Delivery	13/104,653	17-May-2012	US 2012/0122767 A1
Douglas Adamson	Co-Flow Microfluidic Device for Polymersome Formation	13/209,183	07-Jun-2012	US 2012/0141796 A1
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Gregory A. Sotzing	Conjugated Polymer Fiber: Preparation and its Use	13/444,155	02-Aug-2012	US 2012/0196078 A1
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William Earl Mustain	Electrochemical Reactor for CO2 Conversion	13/289,508	02-Aug-2012	US 2012/0193222 A1
John Robert Kelly	Staged Dental Implant/Simultaneous Osseous Ridge Augmentation System	13/362,105	02-Aug-2012	US 2012/0197397 A1
Leslie M Loew	Compositions, Method, System and Kit for Optical Electrophysiology	13/442,407	02-Aug-2012	US 2012/0196893 A1
Bahram Javidi	System and Methods for Three-Dimensional Imaging of Objects in a Scattering Medium	12/847,341	02-Aug-2012	US 2012/0194649 A1

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Amy C Anderson	Heterocyclic Analogs of Propargyl-linked Inhibitors of Dihydrofolate Reductase	13/290,741	02-Aug-2012	US 2012/0196859 A1
Gregory A. Sotzing	Stretchable Fabric and Polyelectrolyte Composition Thereof	13/362,386	06-Sep-2012	US 2012/0224247 A1
Gregory A. Sotzing	Selium-Based Monomers and Conjugated Polymers, Methods of Making, and Use Thereof	13/406,925	06-Sep-2012	US 2012/0226015 A1
Liansheng Song	Temporomandibular Joint Dislocation Reduction Roller (Song Roller)	13/051,353	20-Sep-2012	US 2012/0237891 A1
Gregory A. Sotzing	Conductive Polymers from Silyl Containing Polymers: Production, Method and Use	13/489,905	27-Sep-2012	US 2012/0245316 A1
Steven L Suib	Materials and Design for an Electrocatalytic Device which Produces Hydrocarbon Transportation Fuels from Simple and Abundant Molecular Precursors	13/430,209	27-Sep-2012	US 2012/0241327 A1
S. Pamir Alpay	Base Metal Alloys with Improved Conductive Properties, Methods of Manufacture, and Uses Thereof	13/269,076	18-Oct-2012	US 2012/0263971 A1
Yu Lei	Explosives Detection Substrate and Methods of Using the Same	13/432,078	08-Nov-2012	US 2012/0282705 A1
Eric H Jordan	Method of Synthesizing of Multi Phase Oxide Ceramics with Small Phase Domain Sizes	13/328,492	20-Dec-2012	US 2012/0322645 A1
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Quing Zhu	Method and Apparatus for Medical Imaging Using Near Infrared Optical Tomography and Fluorescence Tomography	13/559,134	31-Jan-2013	US 2013 0030289 A1
Robert X Gao	A Multivariate Remote Sensing Method for Injection Molding Process Monitoring	13/538,475	31-Jan-2013	US 2013/0030723 A1
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Anthony Brammer	Method and Apparatus for Improving the Audibility, Localization and Intelligibility of Sounds, and Comfort of Communication Devices Worn on or in the Ear	13/650,517	18-Apr-2013	US 2013/0094657 A1
Quing Zhu	Method and Apparatus of Optimal Probing of Optical Contrast of Breast Lesions of Different Size Located at Different Depths by US Localization	13/285,957	02-May-2013	US 2013/0109963 A1
Jeffrey R. McCutcheon	Nano-structured Membranes for Engineered Osmosis Applications	13/508,892	02-May-2013	US 2013/0105395 A1

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Bruce T Liang	Method for the Detection and Monitoring of Acute Myocardial Infarction	13/697,555	06-Jun-2013	US 2013/0143232 A1
Philip I Marcus	A Method to Generate Avian Influenza Virus Populations that Express High-Efficient Interferon-Inducing Particles (H-IFP)	13/721,787	20-Jun-2013	US-2013-0156733 A1
Gregory A. Sotzing	Polymerization of Electrochromic Films Inside Assembled Solid-State Devices	13/772,710	27-Jun-2013	US-2013-0161600-A1
Peng Zhang	Robust High Resolution Spectrum Estimation Method for Accurate Phasor, Harmonic and Interharmonic Measurement in Power Systems	13/730,421	04-Jul-2013	US 2013/0173189 A1
Paulo Henrique Verardi	Inducible and Repressible Vaccinia Viruses with Improved Safety	13/652,015	04-Jul-2013	US 2013/0171189 A1
Pu-Xian Gao	Boundary-Modulated Nanoparticle Junctions and a Method for Manufacture	13/729,413	11-Jul-2013	US-20130175499 A1
David K Han	Methods for Identifying Tumor-Specific Peptides	13/744,953	18-Jul-2013	US 2013/0183242 A1
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Challa V Kumar	Novel Protein-Polymer Nanocapsules	13/748,973	01-Aug-2013	US 2013/0196406 A1
Fotis Papadimitrakopoulo	Controlled Bioadhesion for Implantable Devices	13/586,436	22-Aug-2013	US 2013/0213110 A1
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Alexandru D Asandei	Free Radical and Controlled Radical Polymerization Processes Using Hypervalent Iodide Radical Initiators	13/774,436	29-Aug-2013	US 2013/0225775 A1
Gregory A. Sotzing	Electrochromic Devices Prepared from the In Situ Formation of Conjugated Polymers	13/606,829	12-Sep-2013	US 2013/0235323 A1
Mei Wei	Biomimetic Scaffold for Bone Regeneration	13/848,893	26-Sep-2013	US 2013/0251762 A1