

Awardees **Patents**

2005 - 2008

Awardees Patents

Inventor	Patent Title
Alexander, Lee G.	Mobility Assist Device Real Time High Accuracy Geospatial Database for Onboard Intelligent Vehicle Applications Intersection Assistance System and Method
Baek, Kang-Hyun	Self Assembled Three-dimensional Photonic Crystal
Barany, George	Detection of Nucleic Acid Sequence Differences Using the Ligase Detection Reaction with Addressable Arrays Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (8.29.06) Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (1.23.07) Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (12.25.07) Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (1.22.08) Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (2.19.08) Detection of Nucleic Acid Sequence Differences Using Coupled Ligase Detection and Polymerase Chain Reactions (4.29.08)
Barry, Chad R.	Method and Apparatus for Depositing Charge and/or Nanoparticles
Belcher, John D.	Thermal Surgical Procedures and Compositions
Benzow, Kellie A.	SCA7 Gene and Methods of Use
Bischof, John C.	Thermal Surgical Procedures and Compositions
Blumenfeld, Martin	Imaging of Biological Samples Using Electronic Light Detector
Bowman, Robert J.	Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma
Carr, Peter W.	Silica-based Materials and Methods
Chen, Paul Ling	Cellulose Fiber-based Compositions and their Method of Manufacture Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma
Chen, Senyu	Biological Control of Nematodes with <i>Hirsutella minnesotensis</i>
Cheng, Pi-Ming	Mobility Assist Device Virtual Mirror Intersection Assistance System and Method
Cheung, Belinda W. Y.	Methods and Compositions for Applying Pharmacologic Agents to the Ear
Cleary, Paul Patrick	Streptococcal C5a Peptidase Vaccine (10/4/05) Streptococcal C5a Peptidase Vaccine (8/14/07)
Conti-Fine, Bianca M.	Methods to Treat Undesirable Immune Responses
Deng, Shaobo	Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma
Donath, Max	Mobility Assist Device Virtual Mirror Real Time High Accuracy Geospatial Database for Onboard Intelligent Vehicle Applications Intersection Assistance System and Method
Ebbini, Emad S.	Ultrasound Imaging System and Method Using Non-linear Post-beamforming Filter
Eian, John N.	System and Method for Three-dimensional Video Imaging Using a Single Camera

Awardees Patents

Inventor	Patent Title
El Halawani, Mohamed E.	Myostatin Immunoconjugate Method to Enhance Reproductive Performance in Poultry
Fahrenkrug, Scott C.	Nucleic Acid Transfer Vector for the Introduction of Nucleic Acid into the DNA of a Cell
Fatemi, S. Hossein	Methods for Diagnosing Autism
Giannakis, Georgios B.	Channel Estimation for Wireless OFDM Systems Space-time Coded Transmissions Within a Wireless Communication Network Wireless Communication System Having Linear Encoder Wireless Communication System Having Error-control Coder and Linear Precoder Space-time Multipath Coding Schemes for Wireless Communication Systems Space-time Doppler Coding Schemes for Time-selective Wireless Communication Channels Space-time Coding for Multi-antenna Ultra-wideband Transmissions Timing Synchronization Using Dirty Templates in Ultra Wideband (UWB) Communications
Gopinath, Anand	Self Assembled Three-dimensional Photonic Crystal
Gorjestani, Alec R.	Mobility Assist Device Real Time High Accuracy Geospatial Database for Onboard Intelligent Vehicle Applications Intersection Assistance System and Method
Guion-Johnson, Marie A.	Analysis of Auscultatory Sounds Using Single Value Decomposition
Hackett, Jr., Perry B.	Nucleic Acid Transfer Vector for the Introduction of Nucleic Acid into the DNA of a Cell (12/12/06) Nucleic Acid Transfer Vector for the Introduction of Nucleic Acid into the DNA of a Cell (1/9/07)
Harjani, Ramesh	Voltage Controlled Oscillator Using Capacitive Degeneration
Hillmyer, Marc A.	Silica-based Materials and Methods
Hubel, Allison	Compositions and Methods for Cryopreservation of Peripheral Blood Lymphocytes
Iwasaki, Iwao	Separation Apparatus and Methods
Jacobs, Heinrich O.	Method and Apparatus for Depositing Charge and/or Nanoparticles
Karim, M. Reza-ul	Methods of Treating Fungal Infections Using Lupeol (10/4/05) Methods of Treating Fungal Infections Using Lupeol (12/5/06)
Kazlauskas, Romas J.	Increasing Perhydrolase Activity in Esterases and/or Lipases
Kiss, Zoltan	Compositions and Methods for Stimulating Wound Healing and Fibroblast Proliferation
Kittelson, David B.	Particulate Matter Sensor [Assignee: Honeywell International Inc.]
Kolomitsyn, Igor V.	Birch Bark Processing and the Isolation of Natural Products from Birch Bark
Kolomitsyna, Oksana N.	Triterpene Quaternary Salts as Biologically Active Surfactants
Koob, Michael D.	SCA7 Gene and Methods of Use
Koscheyev, Victor S.	Multi-zone Cooling/Warming Garment

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Inventor

Krasutsky, Pavel A.

Patent Title

Methods of Treating Fungal Infections Using Lupeol
Process for Extracting Compounds from Plants
Triterpene Quaternary Salts as Biologically Active Surfactants
Birch Bark Processing and the Isolation of Natural Products from Birch Bark

Kucharczyk, John

Methods of Treating Fungal Infections Using Lupeol
MR-compatible Devices [Assignee: Stanford University]

Kwon, Taek Mu

Video Camera-based Visibility Measurement System

Law, Ping-Yee

Isolated Nucleic Acid Molecules Encoding Mutant Mu Opioid Receptors

Leger, James R.

Ellipsometry Methods and Apparatus Using Solid Immersion Tunneling

Leon, Gloria R.

Multi-zone Cooling/Warming Garment

Licari, James P.

Hybrid Geothermal and Fuel-cell System

Li, Ling-Ling

Mycobacterial Diagnostics

Liu, Benjamin Y. H.

Synthesis of Nanoporous Particles

Loh, Horace H.

Isolated Nucleic Acid Molecules Encoding Mutant Mu Opioid Receptors

Ma, Hongbin

Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma
Particulate Matter Sensor

Menon, Arvind

Intersection Assistance System and Method

Moon, Jaekyun

Hyperplane Symbol Detection

Decoding Parallel Concatenated Parity-check Code

Moseley-Allredge, Melinda L.

SCA7 Gene and Methods of Use

Munderloh, Ulrike G.

Culturing Anaplasma

Newstrom, Bryan J.

Mobility Assist Device

Real Time High Accuracy Geospatial Database for Onboard Intelligent Vehicle Applications

Intersection Assistance System and Method

O'Connor, Michael B.

Methods for Identifying Ecdysteroid Synthesis Inhibitors Using the Drosophila P450 Enzyme Shade

Ohlendorf, Douglas H.

Mutants of Streptococcal Toxin A and Methods of Use

Ottesen, Hal H.

Hybrid Geothermal and Fuel-cell System

Oyen, Duane P.

Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma

Parhi, Keshab K.

Area Efficient Parallel Turbo Decoding

Poppele, Richard E.

System and Method for Three-dimensional Video Imaging Using a Single Camera

Portoghese, Philip S.

Therapeutic Compounds and Methods

Pui, David Y. H.

Coating Medical Devices

Electrospraying Apparatus and Method for Coating Particles

Rossow, Kurt D.

Porcine Reproductive and Respiratory Syndrome Virus and Methods of Use

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Inventor	Patent Title
Ruan, Rongsheng Roger	Cellulose Fiber-based Compositions and their Method of Manufacture Non-thermal Disinfection of Biological Fluids Using Non-thermal Plasma
Sanders, Mark A.	Imaging of Biological Samples Using Electronic Light Detector
Sawchuk, Ronald J.	Methods and Compositions for Applying Pharmacologic Agents to the Ear
Schlievert, Patrick M.	Mutants of Streptococcal Toxin A and Methods of Use
Schmidt, Lanny D.	Catalytic Partial Oxidation of Hydrocarbons Production of Hydrogen from Alcohols
Shankwitz, Craig R.	Mobility Assist Device Virtual Mirror Real Time High Accuracy Geospatial Database for Onboard Intelligent Vehicle Applications Intersection Assistance System and Method
Srienc, Friedrich	Biopolymers and Biopolymer Blends, and Method for Producing Same
Talghader, Joseph J.	Imaging of Biological Samples Using Electronic Light Detector
Tewfik, Ahmed H.	High Speed Wireless Sensor, Server and Storage Networks Analysis of Auscultatory Sounds Using Single Value Decomposition
Trach, Jr., Walter	Intersection Assistance System and Method
Truwit, Charles L.	MR-compatible Devices [Assignee: Stanford University] Interventional MR Surgical Table Implantable Reservoir and System for Delivery of a Therapeutic Agent Method and Apparatus for Taking a Biopsy
Vercellotti, Gregory M.	Thermal Surgical Procedures and Compositions
Wagner, Carston R.	Nucleoside Phosphoramidates and Nucleoside Phosphoramidases
Ward, Nicholas J.	Intersection Assistance System and Method
Witowski, Nancy E.	Detection of Nucleic Acid Sequence Differences Using the Ligase Detection Reaction with Addressable Arrays