

NASA Case No. LAR-16324-1: Self-Activating System And Method For Alerting When An Object Or A Person Is Left Unattended;

NASA Case No. LAR-15854-1: Method And Apparatus For Non-Invasive Measurement Of Changes In Intracranial Pressure;

NASA Case No. LAR-16176-1: Space Environmentally Durable Polyimides And Copolyimides;

NASA Case No. LAR-16279-1: Single-Element Electron-Transfer Optical Detector System;

NASA Case No. LAR-16279-2: Multi-Element Electron-Transfer Optical Detector System;

NASA Case No. LAR-16307-1-SB: Methodology For The Effective Stabilization Of Tin-Oxide-Based Oxidation/Reduction Catalysts;

NASA Case No. LAR-15943-1: Method And Apparatus For Determining Changes In Intracranial Pressure Utilizing Measurement Of The Circumferential Expansion Or Contraction Of A Patient's Skull;

NASA Case No. LAR-16126-1: Synchronized Electronic Shutter System And Method For Thermal Nondestructive Evaluation;

NASA Case No. LAR-16311-1: Heat, Moisture, Chemical Resistant Polyimide Compositions And Methods For Making And Using The Same;

NASA Case No. LAR-16482-1: Phenylethynyl-Containing Imide Silanes;

NASA Case No. LAR-15908-1: Piezoelectric Composite Device And Method For Making Same;

NASA Case No. LAR-16348-1: Base Passive Porosity For Vehicle Drag Reduction;

NASA Case No. LAR-16012-1-CU: Improvement To The Multiscale Retinex With Color Restoration;

NASA Case No. LAR-16332-1-CU: Method Of Improving A Digital Image Having White Zones.

Dated: September 20, 2002.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 02-24523 Filed 9-26-02; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (02-113)]

Government-Owned Inventions, Available for Licensing

ACTION: Notice of availability of inventions for licensing.

SUMMARY: The invention listed below is assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

DATES: September 27, 2002.

FOR FURTHER INFORMATION CONTACT: Kent N. Stone, Patent Counsel, Glenn Research Center at Lewis Field, Mail Code 500-118, Cleveland, OH 44135; telephone (216) 433-8855, fax (216) 433-6790.

NASA Case No. LEW-16056-4: Design And Manufacture Of Long-Life Hollow Cathode Assemblies;

NASA Case No. LEW-17093-1: NiA1-Based Approach For Rocket Combustion Chambers;

NASA Case No. LEW-17112-1: Seal For Large Structural Movements;

NASA Case No. LEW-17170-1: Common-Layered Architecture For Semiconductor Silicon Carbide (CLASSIC) Bulk Fabrication;

NASA Case No. LEW-17206-1: Economical Dual Microstructure Heat Treatment Apparatus/Process;

NASA Case No. LEW-17270-1: Innovative Heat Pipe Systems Using New Working Fluids;

NASA Case No. LEW-17275-1: Low CTE X2 Phase Rate Earth Silicate-Based EBC/TBC's For Si-Based Ceramics;

NASA Case No. LEW-17299-1: Polyimide Rod-Coil Block Copolymers As Membrane Materials For Ion Conduction;

NASA Case No. LEW-17316-1: Bearingless Switched Reluctance Motor, Aka "Morrison Roto";

NASA Case No. LEW-16636-2: Reduced Toxicity Fuel Satellite Propulsion System Including Catalytic Decomposing Element With Hydrogen Peroxide;

NASA Case No. LEW-16636-3: Reduced Toxicity Fuel Satellite Propulsion System Including Fuel Cell Reformer With Alcohols;

NASA Case No. LEW-16636-4: Reduced Toxicity Fuel Satellite Propulsion System Including Plasmatron;

NASA Case No. LEW-16636-5: Reduced Toxicity Fuel Satellite Propulsion System Including Axial Thruster And ACS Thruster Combination;

NASA Case No. LEW-16988-1: Magnetohydrodynamic Power Extraction And Flow Conditioning In A Gas Turbine Inlet;

NASA Case No. LEW-17111-1: Planar Particle Imaging And Doppler Velocimetry (PPIDV);

NASA Case No. LEW-17133-1: High Performance Polymers From The Diels-Alder Trapping Of

Photochemically Generated Intermediates;

NASA Case No. LEW-17017-1: Minimally Intrusive Supersonic Injectors For Augmented Rocket And RBCC/Scramjet Propulsion Systems;

NASA Case No. LEW-17068-1: Micro-Scalable Thermal Control Device;

NASA Case No. LEW-17186-1: Method For Growing Low-Defect Single Crystal Heteroepitaxial Films.

Dated: September 20, 2002.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 02-24524 Filed 9-26-02; 8:45 am]

BILLING CODE 7590-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (02-116)]

Government-Owned Inventions, Available for Licensing

ACTION: Notice of availability of inventions for licensing.

SUMMARY: The inventions listed below are assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

DATES: September 27, 2002.

FOR FURTHER INFORMATION CONTACT: Rob Padilla, Patent Counsel, Ames Research Center, Mail Code 202A-4, Moffett Field, CA 94035-1000; telephone (650) 604-5104, fax (650) 604-2767.

NASA Case No. ARC-14612-1: Wire Insulation Defect Detector;

NASA Case No. ARC-14586-1: A Hybrid Neural Network And Support Vector Machine Method For Optimization;

NASA Case No. ARC-14613-1: Controlled Patterning And Growth Of Single Wall And Multi-Wall Carbon Nanotubes;

NASA Case No. ARC-14638-1:

Diffraction-Based Optical Switch;

NASA Case No. ARC-14577-1: Wide

Operational Range Thermal Sensor;

NASA Case No. ARC-14606-1: Method And System For Active Noise Control Of Tiltrotor Aircraft;

NASA Case No. ARC-14682-1: Ultrafast Laser Beam Switching And Pulse Train Generation By Using Coupled Vertical-Cavity, Surface-Emitting Lasers (VCSELs);

NASA Case No. ARC-14733-1: An Environmentally Compatible Method To Purify Carbon Nanotubes.

NASA Case No. ARC-14941-1: Carbon Nanotubes As A Prototype Interface For Retinal Cell Recording And Stimulation (Vision Chip);

NASA Case No. ARC-14554-1: Neighboring Optimal Aircraft Guidance In A General Wind Environment.

Dated: September 20, 2002.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 02-24525 Filed 9-26-02; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (02-117)]

Government-Owned Inventions, Available for Licensing

ACTION: Notice of Availability of Inventions for Licensing.

SUMMARY: The invention listed below is assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

DATES: September 27, 2002.

FOR FURTHER INFORMATION CONTACT:

James McGroary, Patent Counsel, Marshall Space Flight Center, Code LS01, Huntsville, AL 35812; telephone (256) 544-0013; fax (256) 544-0258.

NASA Case No. MFS-31323-1: Variable Pressure Washer;

NASA Case No. MFS-31380-1: Fabrication Of Large Bulk High Temperature Superconductor Articles;

NASA Case No. MFS-31559-1: Thermal Stir Welding Process And Apparatus;

NASA Case No. MFS-31562-1: Dual Use Corrosion Inhibitor And Penetrant For Anomaly Detection In Neutron/X Radiography;

NASA Case No. MFS-26503-2-CIP: Microgravity Fiber Pulling Apparatus;

NASA Case No. MFS-31316-1: Passive Light Exposure Monitor;

NASA Case No. MFS-31503-1: Combination Solar Sail And Electrodynamic Tether Propulsion System;

NASA Case No. MFS-31243-2-CON: Video Image Stabilization And Registration;

NASA Case No. MFS-31399-1: Video Guidance Sensor System With Laser Rangefinder;

NASA Case No. MFS-31403-2-DIV: Method For Joining Structural Elements;

NASA Case No. MFS-31475-2-DIV: Panoramic Refracting Conical Optic;

NASA Case No. MFS-31596-1: Fabrication Of Fiber Optic Grating Apparatus And Method;

NASA Case No. MFS-31698-1: Method Of Fabricating Protective Coating For

A Crucible With The Coating Having Channels Formed Therein;

NASA Case No. MFS-31828-1: High Strength Aluminum Alloy For High Temperature Applications;

NASA Case No. MFS-31464-1: Multi-Layer Identification Label Using Stacked Identification Symbols;

NASA Case No. MFS-31546-1: High Precision Grids For Neutron, Hard X-Ray, And Gamma-Ray Imaging Systems;

NASA Case No. MFS-31565-1: Phase Modulator With Terahertz Optical Bandwidth Formed By Multi-Layered Dielectric Stack;

NASA Case No. MFS-31584-1:

Hypergolic Ignitor Assembly;

NASA Case No. MFS-31408-1: Solar Wing And Tether Mechanisms For Asteroid Uncooperative Docking And Asteroid Orbit Adjustments;

NASA Case No. MFS-31499-1: Microfocus—Polycapillary Optic X-ray Analysis;

NASA Case No. MFS-31525-1: Video Image Tracking Engine;

NASA Case No. MFS-31535-1: Method And Apparatus For Optical Position Detection;

NASA Case No. MFS-31544-1: Captive Fastener Device;

NASA Case No. MFS-31549-1: Ultra Thin Substrate Integral Memory And Radio Frequency Identification Devices;

NASA Case No. MFS-31560-1: Hearing Aid Assembly;

NASA Case No. MFS-31594-1: Multilayer Composite Pressure Vessel;

NASA Case No. MFS-31613-1: Cross Cell Sandwich Core;

NASA Case No. MFS-31616-1: Passive Ball Capture Joint.

Dated: September 20, 2002.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 02-24526 Filed 9-26-02; 8:45 am]

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (02-118)]

Government-Owned Inventions, Available for Licensing

ACTION: Notice of Availability of Inventions for Licensing.

SUMMARY: The invention listed below is assigned to the National Aeronautics and Space Administration, have been filed in the United States Patent and Trademark Office, and are available for licensing.

DATES: September 27, 2002.

FOR FURTHER INFORMATION CONTACT:

Randy Heald, Patent Counsel, Kennedy Space Center, Mail Code CC-A, Kennedy Space Flight Center, FL 32899; telephone (321) 867-7214, fax (321) 867-1817.

NASA Case No. KSC-12049: Liquid Galvanic Coatings for Protection of Imbedded Metals;

NASA Case No. KSC-12139: Thermodynamic Pressure/Temperature Transducer Health Check;

NASA Case No. KSC-12183: Characterizing Sensors;

NASA Case No. KSC-12190: A Novel Ferromagnetic Conducting Lignosulfonic Acid-Doped Polyaniline;

NASA Case No. KSC-12255: Leak And Pipe Detection Method And System;

NASA Case No. KSC-12201: A Scaling Device For Photographic Images;

NASA Case No. KSC-12209: Injection Nozzle For Hydrogen Peroxide With Ultraviolet Light Activation;

NASA Case No. KSC-11979: Diaminobenzoquinones as Corrosion Inhibitory Coating Additives;

NASA Case No. KSC-12205: Apparatus And Method For Thermal Performance Testing Of Pipelines And Piping Systems;

NASA Case No. KSC-12221: Multi Sensor Transducer And Weight Factor—Combined With KSC-12359;

NASA Case No. KSC-12285: Ablative Composite;

NASA Case No. KSC-12092-1: Thermal Insulation System And Method;

NASA Case No. KSC-12107: Methods of Testing Thermal Insulation and Associated Test Apparatus;

NASA Case No. KSC-12108: Multi-Purpose Thermal Insulation Test Apparatus;

NASA Case No. KSC-12191: Corrosion Prevention Of Cold Rolled Steel Using Water Dispensable Lignosulfonic Acid Doped Polyaniline;

NASA Case No. SSC-00134-1: Pseudo-Brewster-Angle Thermal Infrared Radiometer;

NASA Case No. SSC-00124-1: Radiant Temperature Nulling Radiometer.

Dated: September 20, 2002

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 02-24527 Filed 9-26-02; 8:45 am]

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