

[FR Doc. 05-23755 Filed 12-8-05; 8:45 am]

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[Notice (05-161)]

**Government-Owned Inventions, Available for Licensing****AGENCY:** National Aeronautics and Space Administration.**ACTION:** Notice of availability of inventions for licensing.**SUMMARY:** The inventions listed below 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:** December 9, 2005.**FOR FURTHER INFORMATION CONTACT:**

James J. McGroary; Patent Counsel, Marshall Space Flight Center, Mail Code LS01, Huntsville, AL 35812; telephone (256) 544-6580; fax (256) 544-0258.

*NASA Case No. MFS-32136-1:* Video Image Stabilization And Registration—Plus (VISAR+);*NASA Case No. MFS-32000-1:* Miniature Housing With Standard Addressable Interface For Smart Sensors And Drive Electronics;*NASA Case No. MFS-31842-1:* Gas Volume Contents Within A Container, Smart Volume Instrument.

Dated: December 5, 2005.

**Keith T. Sefton,***Deputy General Counsel, Administration and Management.*

[FR Doc. E5-7161 Filed 12-8-05; 8:45 am]

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[Notice (05-164)]

**Government-Owned Inventions, Available for Licensing****AGENCY:** National Aeronautics and Space Administration.**ACTION:** Notice of availability of inventions for licensing.**SUMMARY:** The inventions listed below 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:** December 9, 2005.**FOR FURTHER INFORMATION CONTACT:**

David Walker, Patent Counsel, Goddard

Space Flight Center, Mail Code 140.1, Greenbelt, MD 20771-0001; telephone (301) 286-7351; fax (301) 286-9502.

*NASA Case No. GSC-14562-1:*

Stepping Flexures;

*NASA Case No. GSC-14941-1:*

Method And System For Direct Implementation Of Formal Specifications Derived Mechanically From Informal Requirements;

*NASA Case No. GSC-14942-1:*

Method And System For Formal Analysis, Simulation, And Verification Of Knowledge-Based Systems, Rule-Based Systems, And Expert Systems;

*NASA Case No. GSC-14793-1:*

Radiation Hardened Fast Acquisition/Weak Signal Tracking System And Method;

*NASA Case No. GSC-14845-1:*

Demiseable Momentum Exchange System;

*NASA Case No. GSC-14968-1:*

System And Method For Managing Autonomous Entities Through Apoptosis;

*NASA Case No. GSC-14777-1:* Large Area Vacuum Ultra-Violet Sensors;*NASA Case No. GSC-14,833-1:*

Systems And Method Of Analyzing Vibrations And Identifying Failure Signatures In The Vibrations;

*NASA Case No. GSC-14955-1:* Virtual

Feel Capaciflectors;

*NASA Case No. GSC-14994-1:* A Split-Remerge Method For Eliminating Processing Window Artifacts In Recursive Hierarchical Segmentation.

Dated: December 5, 2005.

**Keith T. Sefton,***Deputy General Counsel, Administration and Management.*

[FR Doc. E5-7162 Filed 12-8-05; 8:45 am]

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[Notice (05-165)]

**Government-Owned Inventions, Available for Licensing****AGENCY:** National Aeronautics and Space Administration.**ACTION:** Notice of availability of inventions for licensing.**SUMMARY:** The invention listed below is assigned to the National Aeronautics and Space Administration, is the subject of a patent application that has been filed in the United States Patent and Trademark office, and is available for licensing.**DATES:** December 9, 2005.**FOR FURTHER INFORMATION CONTACT:**

Mark Homer, Patent Counsel, NASA

Management Office—JPL, 4800 Oak Grove Drive, Mail Stop 180-200, Pasadena, CA 91109; telephone (818) 354-7770.

*NASA Case No. NPO-40530-1:* Ultra Compact Spectrometer Apparatus and Method Using Photonic Crystals;*NASA Case No. NPO-40752:*

Improved Solar Cell Circuit and Method for Manufacturing Solar Cells.

Dated: December 5, 2005.

**Keith T. Sefton,***Deputy General Counsel, Administration and Management.*

[FR Doc. E5-7163 Filed 12-8-05; 8:45 am]

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[Notice (05-166)]

**Government-Owned Inventions, Available for Licensing****AGENCY:** National Aeronautics and Space Administration.**ACTION:** Notice of availability of inventions for licensing.**SUMMARY:** The invention listed below is assigned to the National Aeronautics and Space Administration, has been filed in the United States Patent and Trademark office, and is available for licensing.**DATES:** December 9, 2005.**FOR FURTHER INFORMATION CONTACT:**

Edward K. Fein, Patent Counsel, Johnson Space Center, Mail Code HA, Houston, TX 77058-8452; telephone (281) 483-4871; fax (281) 244-8452.

*NASA Case No. MSC-23695-1:*

Connector Adapter;

*NASA Case No. MSC-23846-1:*

Redesign Of The Human Metabolic Simulator.

Dated: December 5, 2005.

**Keith T. Sefton,***Deputy General Counsel, Administration and Management.*

[FR Doc. E5-7164 Filed 12-8-05; 8:45 am]

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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

[Notice (05-163)]

**Government-Owned Inventions, Available for Licensing****AGENCY:** National Aeronautics and Space Administration.**ACTION:** Notice of availability of inventions for licensing.

**SUMMARY:** The inventions listed below 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:** December 9, 2005.

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

*NASA Case No. LEW-17694-1:* Apparatus And Method For Packaging And Integrating Microphotonic Devices;

*NASA Case No. LEW-17353-2:* Series Connected Buck Boost Converter;

*NASA Case No. LEW-17661-1:* Actuator Operated Microvalves;

*NASA Case No. LEW-17630-1:* Bi-Electrode Supported Cell For High Power Density Solid Oxide Fuel Cells;

*NASA Case No. LEW-17634-1:* Monolithic Solid Oxide Fuel Cell Stack With Symmetrical Bi-Electrode Supported Cells.

Dated: December 5, 2005.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

[FR Doc. E5-7166 Filed 12-8-05; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (05-162)]

### Government-Owned Inventions, Available for Licensing

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of availability of inventions for licensing.

**SUMMARY:** The inventions listed below 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:** December 9, 2005.

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

*NASA Case No. ARC-15443:* Advanced Sunphotometer;

*NASA Case No. ARC-15575-1:* Use of Patterned CNT Arrays For Display Purposes;

*NASA Case No. ARC-15566-1:* Chemical Sensors Using Coated Or Doped Carbon Nanotube Networks;

*NASA Case No. ARC-14744-2:* A Versatile Platform For Nanotechnology Based On Circular Permutations Of Chaperonin Protein;

*NASA Case No. ARC-15460-1:* Gas Composition Sensing Using Carbon Nanotube Arrays;

*NASA Case No. ARC-15506-1:* Application Of Carbon Nanotube Hold-Off Voltage For Determining Gas Composition;

*NASA Case No. ARC-15315-1:* Reconfigurable Auditory-visual Display;

*NASA Case No. ARC-15171-1:* Trajectory Specification For High-Capacity Air Traffic Control;

*NASA Case No. ARC-15578-1:* Visual Signal Sensor Organ Replacement.

Dated: December 5, 2005.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (05-167)]

### Government-Owned Inventions, Available for Licensing

**AGENCY:** National Aeronautics and Space Administration.

**ACTION:** Notice of availability of inventions for licensing.

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

**DATES:** December 9, 2005.

**FOR FURTHER INFORMATION CONTACT:** Randy Heald, Patent Counsel, Kennedy Space Center, Mail Code CC-A, Kennedy Space Center, FL 32899; telephone (321) 867-7214; fax (321) 867-1817.

*NASA Case No. KSC-12631:* Composite Powder Particles;

*NASA Case No. KSC-12191-2:* Corrosion Prevention Of Cold Rolled Steel Using Water Dispersible Lignosulfonic Acid Doped Polyaniline (Related to KSC-12190 And KSC-11940);

*NASA Case No. KSC-12723:* Coating For Corrosion Detection And Prevention.

Dated: December 5, 2005.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (05-168)]

### Government-Owned Inventions, Available for Licensing

**AGENCY:** National Aeronautics and Space Administration.

**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:** December 9, 2005.

**FOR FURTHER INFORMATION CONTACT:** Linda B. Blackburn, Patent Counsel, Langley Research Center, Mail Code 141, Hampton, VA 23681-2199; telephone (757) 864-9260; fax (757) 864-9190.

*NASA Case No. LAR-16885-1:* Method Of Simulating Slow-Through Area Of A Pressure Regulator;

*NASA Case No. LAR-17128-1:* Method And Apparatus For Loss Of Control Inhibitor Systems (CIP Of 16566-1);

*NASA Case No. LAR-16386-1-CU:* Carbon Nanotube Reinforced Porous Carbon Having Three-Dimensionally Ordered Porosity And Method Of Fabricating Same;

*NASA Case No. LAR-16974-1:* Flexible Framework For Capacitive Sensing;

*NASA Case No. LAR-16970-1:* System And Method For Detecting Cracks And Their Location;

*NASA Case No. LAR-17155-1:* Wireless Fluid Level Measuring System (Broken Out Of LAR-16974-1);

*NASA Case No. LAR-17021-1:* Method For Correcting Control Surface Angle Measurements In Single Viewpoint Photogrammetry;

*NASA Case No. LAR-17003-1:* Vortex Control For Rotor Blade Devices;

*NASA Case No. LAR-17017-1:* Simultaneous Multiple-Location Separation Control;

*NASA Case No. LAR-16868-1:* Silicon Germanium Semiconductive Alloy And Method Of Fabricating Same.

Dated: December 5, 2005.

**Keith T. Sefton,**

*Deputy General Counsel, Administration and Management.*

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