

NASA Case No. GSC-14525-1: Passive Gas-Gap Heat Switches For Use With Adiabatic Demagnetization Refrigerators.

Dated: November 4, 2002.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 02-28562 Filed 11-8-02; 8:45 am]

**BILLING CODE 7510-01-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 02-135]

### 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:** November 12, 2002.

**FOR FURTHER INFORMATION CONTACT:** John Kusmiss, Patent Counsel, NASA Management Office—JPL, 4800 Oak Grove Drive, Mail Stop 180-801, Pasadena, CA 91109; telephone (818) 354-7770.

NASA Case No. NPO-21136-1: An Improved Disc Player, Read Head Unit And Method Of Reading Data From An Optical Disc;

NASA Case No. NPO-30323-1: Very High Efficiency, Miniaturized, Long Life Alpha Particle Power Source, Using Diamond Devices, For Extreme Space Environments.

Dated: November 4, 2002.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 02-28563 Filed 11-8-02; 8:45 am]

**BILLING CODE 7510-01-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 02-136]

### 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:** November 12, 2002.

### FOR FURTHER INFORMATION CONTACT:

Edward Fein, Patent Counsel, Johnson Space Center, Mail Code HA, Houston, TX 77058-3696, telephone (281) 483-4871; fax (281) 244-8452.

NASA Case No. MSC-22330-1: Means to Provide Enhanced Protection from High-Density Orbital Debris Particles;

NASA Case No. MSC-22863-1: Centrifugal Adsorption Cartridge System (CACs);

NASA Case No. MSC-22996-1: Fluid Bubble Eliminator (FBE);

NASA Case No. MSC-23196-1: Design Concept For Load Selectable Constant Load Device For The Subject Load Device (SLD) And Resistive Exercise Device (RED) For The International Space Station;

NASA Case No. MSC-23424-1: Method for Identifying Sedimentary Bodies From Images and its Application to Mineral Exploration;

NASA Case No. MSC-23443-1: Method And Apparatus For Deploying A Hypervelocity Shield

Dated: November 4, 2002.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 02-28564 Filed 11-8-02; 8:45 am]

**BILLING CODE 7510-01-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 02-137]

### 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:** November 12, 2002.

### FOR FURTHER INFORMATION CONTACT:

Linda Blackburn, Patent Counsel, NASA Langley Research Center, Mail Code 212, Hampton, VA 23681-2199; telephone (757) 864-9260, fax (757) 864-9190.

*NASA Case No. LAR-15602-2:* Method For Simultaneously Making A Plurality Of Acoustic Signal Sensor Elements;

*NASA Case No. LAR-15927-1:* Improved Non-Destructive Evaluation Method Employing Dielectric Electrostatic Ultrasonic Transducers;

*NASA Case No. LAR-16237-1:* Reusable Module For The Storage, Transportation, And Supply Of Multiple Propellants In A Space Environment;

*NASA Case No. LAR-16262-1:* Non-Destructive Evaluation Of Wire Insulation And Coatings;

*NASA Case No. LAR-16440-1:* Non-Invasive Method Of Determining Diastolic Intracranial Pressure;

*NASA Case No. LAR-16510-1:* Non-Invasive Method Of Determining Absolute Intracranial Pressure.

Dated: November 4, 2002.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 02-28565 Filed 11-8-02; 8:45 am]

**BILLING CODE 7510-01-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 02-138]

### 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:** November 12, 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-31294-2-CIP2:* Aluminum Alloy And Article Cast Therefrom;

*NASA Case No. MFS-31557-1:* Sensor Instrumented Pin-Tools For Friction Stir Welding;

*NASA Case No. MFS-31593-1:* Thermal Insulating Coating;

*NASA Case No. MFS-31646-1:* Liquid Propellant Tracing Impingement Injector

*NASA Case No. MFS-31727-1:* Pressure Vessel With Impact And Fire Resistant Coating And Method Of Making Same;

*NASA Case No. MFS-31761-1:* Electro-Mechanical Coaxial Valve;

*NASA Case No. MFS-31768-1:* Magnetic Symbolology Reader;

*NASA Case No. MFS-31783-1:* Enhanced Airport Luggage Screening System.

Dated: November 4, 2002.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 02-28566 Filed 11-8-02; 8:45 am]

**BILLING CODE 7510-01-P**