

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****[Notice 03-103]****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 15, 2003.

**FOR FURTHER INFORMATION CONTACT:** Rob M. 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-15040-1:* Sub Auditory Speech Recognition Based On Electromyographic Signals;

*NASA Case No. ARC-15088-1:* Provision of Carbon Nanotube Bucky Paper Cages for Immune Shielding of Cells, Tissues, and Medical Devices.

Dated: September 8, 2003.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 03-23490 Filed 9-12-03; 8:45 am]

**BILLING CODE 7510-01-P**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****[Notice 03-104]****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, has been filed in the United States Patent and Trademark Office, and is available for licensing.

**DATES:** September 15, 2003.

**FOR FURTHER INFORMATION CONTACT:** Diana Cox, Patent Counsel, Goddard Space Flight Center, Mail Code 503, Greenbelt, MD 20771; telephone (301) 286-7351; fax (301) 286-9502.

*NASA Case No. GSC-14633-1:* Method and Apparatus for Optical Encoding With Compressible Imaging.

Dated: September 8, 2003.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 03-23491 Filed 9-12-03; 8:45 am]

**BILLING CODE 7510-01-P**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****[Notice 03-105]****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 15, 2003.

**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-12133:* A Method and System for Decomposing Hydrazine Waste (Combined with KSC-12492);

*NASA Case No. KSC-12399:* Contaminant Removal From Natural Resources; *NASA Case No. KSC-12458:* UV Induced Oxidation Of Mitric Oxide.

Dated: September 8, 2003.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 03-23492 Filed 9-12-03; 8:45 am]

**BILLING CODE 7510-01-P**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****[Notice 03-106]****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 15, 2003.

**FOR FURTHER INFORMATION CONTACT:** Linda Blackburn, Patent Counsel, Langley Research Center, Mail Code 212, Hampton, VA 23681-2199; telephone (757) 864-9260; ax (757) 864-9190.

*NASA Case No. LAR-15361-3-CU:* Gas Sensor Detector Balancing;

*NASA Case No. LAR-15712-2-CU:* Optical Path Switching Based Differential Absorption Radiometry For Substance Detection;

*NASA Case No. LAR-15818-3:* Optical Path Switching Based Differential Absorption Radiometry For Substance Detection;

*NASA Case No. LAR-16327-1:* Method For Anticipating Problems With Electrical Wiring;

*NASA Case No. LAR-16430-1-NP:* Polyimides From 2,3,3',4'-Biphenyltetracarboxylic Dianhydride And Aromatic Diamines;

*NASA Case No. LAR-16576-1:* Marking Electrical Wiring With Condition Indicators.

Dated: September 18, 2003.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 03-23493 Filed 9-12-03; 8:45 am]

**BILLING CODE 7510-01-M**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION****[Notice 03-107]****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 15, 2003.

**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-31647-1:* Auto-Adjustable Tool For Self-Retracting And Conventional Friction Stir Welding;

*NASA Case No. MFS-31705-1:* Laser Range With Bearing Measurement Output;

*NASA Case No. MFS-31887-1:* Cylindrical Asymmetrical Capacitor Devices For Space Applications.

Dated: September 8, 2003.

**Robert M. Stephens,**

*Deputy General Counsel.*

[FR Doc. 03-23494 Filed 9-12-03; 8:45 am]

**BILLING CODE 7510-01-P**