

NASA Case No.: MFS-33061-1: Multi-Dimensional Flow Simulation Within a Fluid Network;

NASA Case No.: MFS-32986-1: Non-Explosively-Actuated Pressurization Start Valve;

NASA Case No.: MFS-33031-1: Rocket Thruster for Reducing Side Loads;

NASA Case No.: MFS-33054-1: Method of Enhancing On-Board State Estimation Using Communications Signals;

NASA Case No.: MFS-32945-1: Point Mechanic Piezoelectric Sensor System;

NASA Case No.: MFS-33060-1: Single-Axis Accelerometer.

**Sumara M. Thompson-King,**

*Deputy General Counsel.*

[FR Doc. 2014-15678 Filed 7-2-14; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice: 14-061]

### Government-Owned Inventions, Available for Licensing

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

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

**SUMMARY:** Patent applications on 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:** July 3, 2014.

**FOR FURTHER INFORMATION CONTACT:**

Bryan A. Geurts, 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-16336-1: Shape Memory Actuated Normally Open Permanent Isolation Valve;

NASA Case No.: GSC-16670-1: Optical Null Lens Verification Using Image-Based Wavefront Sensing;

NASA Case No.: GSC-16183-1: Composition and Apparatus Employing an Ablative Material;

NASA Case No.: GSC-16485-1: Broadband Planar Impedance Transformer;

NASA Case No.: GSC-16700-1: A Printed Circuit Board Assembly for Use in Space Missions;

NASA Case No.: GSC-16569-1: Mirrorlet Array for Integral Field Spectrometers (IFS);

NASA Case No.: GSC-16859-1: Graphene Chemical Sensor;

NASA Case No.: GSC-16555-1: Work Piece Cleaning Apparatus and Method with Pulsating Mixture of Liquid and Gas;

NASA Case No.: GSC-16887-1: Restore Propellant Transfer Assembly and Hose Box;

NASA Case No.: GSC-16789-1: Methods for Stable Growth of Synthetic Neural Systems;

NASA Case No.: GSC-16808-1: SpaceCube v. 2.0 Flight Power Card;

NASA Case No.: GSC-16196-1: Method of Modeling and Simulation of Shaped External Occulters;

NASA Case No.: GSC-16516-1: MEMS Chip with Microfluid Channel having Multi-Function Microposts;

NASA Case No.: GSC-16674-1: SpaceCube Communication Interface Box and Experiment Control Center;

NASA Case No.: GSC-16805-1: SpaceCube v. 2.0 Micro Single Board Computer.

**Sumara M. Thompson-King,**

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[FR Doc. 2014-15674 Filed 7-2-14; 8:45 am]

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice: 14-060]

### Government-Owned Inventions, Available for Licensing

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

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

**SUMMARY:** Patent applications on 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:** July 3, 2014.

**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-16797-1: Woven thermal Protection System;

NASA Case No.: ARC-16752-1: Variable Geometry Aircraft Wing Supported by Struts and/or Trusses;

NASA Case No.: ARC-16001-1: Real Time Radiation Monitoring Using Nanotechnology;

NASA Case No.: ARC-16969-1: Electrical Response Using Nanotubes on a Fibrous Substrate;

NASA Case No.: ARC-16478-1: System and Method for Providing a Real Time Audible Message to a Pilot;

NASA Case No.: ARC-16132-1: Modification of Surface Density of a Porous Medium;

NASA Case No.: ARC-16405-1: Nanowire-Based Piezoelectric Power Generation;

NASA Case No.: ARC-16924-1: Thermal Protection Supplement for Reducing Interface Thermal Mismatch;

NASA Case No.: ARC-16461-1: Solar Powered CO<sub>2</sub> Conversion;

NASA Case No.: ARC-16916-1: Control Systems with Normalized and Covariance Adaptation by Optimal Control Modification;

NASA Case No.: ARC-16697-1: System for Performing Single Query Searches of Heterogeneous and Dispersed Databases;

NASA Case No.: ARC-16466-1: Recyclable Thermal Protection Material.

**Sumara M. Thompson-King,**

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[FR Doc. 2014-15673 Filed 7-2-14; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice: 14-064]

### Government-Owned Inventions, Available for Licensing

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

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

**SUMMARY:** Patent applications on 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:** July 3, 2014.

**FOR FURTHER INFORMATION CONTACT:**

Robin W. Edwards, Patent Counsel, Langley Research Center, Mail Stop 30, Hampton, VA 23681-2199; telephone (757) 864-3230; fax (757) 864-9190.

NASA Case No.: LAR-18063-1: Nanoparticle Hybrid Composites by RF Plasma Spray Deposition;

NASA Case No.: LAR 18327-1: Stretchable Mesh for Cavity Noise Reduction;

NASA Case No.: LAR-17318-2: Preparation of Metal Nanowire Decorated Carbon Allotropes;

NASA Case No.: LAR-17841-1: High Mobility Transport Layer Structures for Rhombohedral Si/Ge/SiGe Devices;

NASA Case No.: LAR-17951-1: Physiologically Modulating Videogames or Simulations which use Motion-Sensing Input Devices;

NASA Case No.: LAR-18006-2: Process for Nondestructive Evaluation

of the Quality of a Crimped Wire Connector;

*NASA Case No.:* LAR-17996-1: Nanostructure Neutron Converter Layer Development;

*NASA Case No.:* LAR-17579-2: Wireless Chemical Sensor and Sensing Method for Use Therewith;

*NASA Case No.:* LAR-17813-1-CON: Methods for Using Durable Adhesively Bonded Joints for Sandwich Structures;

*NASA Case No.:* LAR-17747-1-CON: Wireless Temperature Sensor having no Electrical Connections and Sensing Method for Use Therewith;

*NASA Case No.:* LAR-18147-1: Gas Phase Alloying for Wire Fed Joining and Deposition Processes;

*NASA Case No.:* LAR-18318-1: In-Situ Load System for Calibrating and Validating Aerodynamic Properties of Scaled Aircraft in Ground-Based Aerospace Testing Applications;

*NASA Case No.:* LAR-17993-2: Locomotion of Amorphous Surface Robots;

*NASA Case No.:* LAR-16256-1-CON: Method and Apparatus for Performance Optimization Through Physical Perturbation of Task Elements;

*NASA Case No.:* LAR-18036-1: High Pressure Soft Lithography for Micro-topographical Patterning of Molded Polymers and Composites;

*NASA Case No.:* LAR-18185-1: Sucrose Treated Carbon Nanotube and Graphene Yarns and Sheets;

*NASA Case No.:* LAR-17922-1: Double Sided Si(Ge)/Sapphire/III-Nitride Hybrid Structure;

*NASA Case No.:* LAR-17495-1: An Optical Method for Detecting Displacements and Strains at Ultra High Temperatures during Thermo-Mechanical Testing;

*NASA Case No.:* LAR-18374-1: Modulated Sine Waves for Differential Absorption Measurements Using a CW Laser System;

*NASA Case No.:* LAR 17681-3: System for Repairing Cracks in Structures;

*NASA Case No.:* LAR-18270-1: Airborne Doppler Wind Lidar Post Data Processing Software DAPS-LV;

*NASA Case No.:* LAR-17919-2: Methods of Making Z-Shielding;

*NASA Case No.:* LAR-18266-1: Airborne Wind Profiling Algorithm for Doppler Wind Lidar;

*NASA Case No.:* LAR-18257-1: A Structural Joint with Multi-Axis Load Carrying Capacity;

*NASA Case No.:* LAR-17502-1-CON: Flame Holder System;

*NASA Case No.:* LAR-17455-3: A Nanotube Film Electrode and an Electroactive Device Fabricated with the

Nanotube Film Electrode and Methods for Making Same.

**Sumara M. Thompson-King,**  
*Deputy General Counsel.*

[FR Doc. 2014-15677 Filed 7-2-14; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice: 14-063]

### Government-Owned Inventions, Available for Licensing

**AGENCY:** National Aeronautics and Space Administration

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

**SUMMARY:** Patent applications on 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:** July 3, 2014.

**FOR FURTHER INFORMATION CONTACT:**

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

*NPO-47881-1:* Pulsed Plasma Lubrication Device and Method;

*DRC-012-013:* System and Method for Dynamic Aeroelastic Control;

*NPO-49086-1:* Electride Mediated Surface Enhanced Raman Spectroscopy (SERS);

*DRC-011-015B:* In-situ Three-Dimensional Shape Rendering from Strain Values Obtained Through Optical Fiber Sensors.

**Sumara M. Thompson-King,**  
*Deputy General Counsel.*

[FR Doc. 2014-15676 Filed 7-2-14; 8:45 am]

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## NUCLEAR REGULATORY COMMISSION

[NRC-2014-0144]

### Regulatory Guide 10.1, Compilation of Reporting Requirements for Persons Subject to NRC Regulations

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Regulatory guide; withdrawal.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is withdrawing *Regulatory Guide (RG) 10.1, "Compilation of Reporting Requirements for Persons Subject to*

*NRC Regulations."* (ML003740185). This guide is being withdrawn because it is no longer accurate or current. Regulatory Guide 10.1 provides a summary of the reporting requirements in existence at the time of issuance and becomes outdated upon the first change to any NRC reporting requirement after issuance.

**DATES:** The effective date of the withdrawal of Regulatory Guide 10.1 is June 26, 2014.

**ADDRESSES:** Please refer to Docket ID NRC-2014-0144 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2014-0144. Address questions about NRC dockets to Carol Gallagher; telephone: 301-287-3422; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The ADAMS accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced. The bases document for the withdrawal of RG 10.1 is available in ADAMS under Accession No. ML14035A256.

- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

**FOR FURTHER INFORMATION CONTACT:** Stephen Burton, Office of Nuclear Regulatory Research, telephone: 301-415-7000; email: [Stephen.Burton@nrc.gov](mailto:Stephen.Burton@nrc.gov); U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

### SUPPLEMENTARY INFORMATION:

#### I. Introduction

The NRC is withdrawing RG 10.1 because it is no longer accurate or