

Communications, Navigation, and Radar;

NASA Case No.: LEW-18594-2: Thermomechanical Methodology for Stabilizing Shape Memory Alloy (SMA) Response;  
NASA Case No.: LEW-18768-1: Processing of Nanosensors Using a Sacrificial Template Approach.

**Sumara M. Thompson-King,**

*Deputy General Counsel.*

[FR Doc. 2013-11941 Filed 5-17-13; 8:45 am]

**BILLING CODE 7510-13-P**

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (13-058)]

### 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:** May 20, 2013.

**FOR FURTHER INFORMATION CONTACT:**

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

NASA Case No.: MFS-32612-1-CIP: Safety System for Controlling Fluid Flow Into a Suction Line;

NASA Case No.: MFS-32830-1-DIV: Friction and Wear Modifiers Using Solvent Partitioning of Hydrophilic Surface-Interactive Chemicals Contained in Boundary Layer-Targeted Emulsions;

NASA Case No.: MFS-32744-1: Interconnect Device and Assemblies Made Therewith.

**Sumara M. Thompson-King,**

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (13-056)]

### 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, has been filed in the United States Patent and Trademark office, and are available for licensing.

**DATES:** May 20, 2013.

**FOR FURTHER INFORMATION CONTACT:**

Edward K. Fein, Patent Counsel, Johnson Space Center, Mail Code AL, 2101 NASA Parkway, Houston, TX 77058, (281)483-4871; (281) 483-6936 [Facsimile].

NASA Case No.: MSC-24798-1: Soft Decision Analyzer and Method;

NASA Case No.: MSC-24919-1: Systems and Methods for RFID-Enables Information Collection;  
NASA Case No.: MSC-25632-1: Robot Task Commander with Extensible Programming Environment;

NASA Case No.: MSC-25604-1: Systems and Methods for RFID-Enabled Dispenser;

NASA Case No.: MSC-25313-1: Hydrostatic Hyperbaric Apparatus and Method;

NASA Case No.: MSC-25265-1: Device and Method and for Digital-to-Analog Transformation and Reconstruction of Multi-channel Electrocardiograms;

NASA Case No.: MSC-24813-1: Preparation System and Method;

NASA Case No.: MSC-25590-1: Systems and Methods for RFID-Enabled Pressure Sensing Apparatus;

NASA Case No.: MSC-25605-1: Switch Using Radio Frequency Identification.

**Sumara M. Thompson-King,**

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (13-055)]

### 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:** May 20, 2013.

**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.

NASA Case No.: NPO-48413-1: Multi-Gb/s Laser Communications Terminal for Mini-Spacecraft;

NASA Case No.: NPO-48539-1: Neutral Mounting of Whispering Gallery Mode Resonators for Suppression of Acceleration-Induced Frequency Fluctuations;

NASA Case No.: DRC-012-011: System and Method for Air Launch From a Towed Aircraft;

NASA Case No.: DRC-012-005: Method and Apparatus of Multiplexing and Acquiring Data from Multiple Optical Fibers using a Single Data Channel of an Optical Frequency-Domain Reflectometry (OFDR) System;

NASA Case No.: DRC-012-006: Cryogenic Liquid Level Sensor Apparatus and Method;

NASA Case No.: DRC-011-002: Magneto-Optic Field Coupling in Optical Fiber Bragg Gratings.

**Sumara M. Thompson-King,**

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (13-057)]

### 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:** May 20, 2013.

**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-18246-1: Tethered Vehicle Control and Tracking System;

NASA Case No.: LAR-17848-1: Method of Mapping Anomalies in Homogenous Material;

NASA Case No.: LAR-18090-1: Fluidic Oscillator Having Decoupled Frequency and Amplitude Control;

NASA Case No.: LAR-18301-1: Flap Edge Noise Reduction Fins;