will be the one that has the highest energy storage density in excess of 330 Watt-hours/kg. The available prize purse is $1.5 million.

A planned future Phase II Challenge will entail testing energy storage systems in NASA thermal and thermal-vacuum chambers to demonstrate applicability to the space and lunar environment.

I. Prize Amounts

The total Night Rover Challenge purse is $1,500,000 (one million five hundred thousand U.S. dollars). Prizes will be offered for entries that meet specific requirements detailed in the Night Rover Challenge Rules.

II. Eligibility

To be eligible to win a NASA prize, competitors must (1) Register and comply with all requirements in the rules and team agreement; (2) in the case of a private entity, shall be incorporated in and maintain a primary place of business in the United States, and in the case of an individual, whether participating singly or in a group, shall be a citizen or permanent resident of the United States; and (3) shall not be a Federal entity or Federal employee acting within the scope of their employment.

III. Rules

The NASA prize purse will be awarded to the energy storage systems with the highest energy density that meet all requirements of the competition. The complete rules and team agreement for the 2014 Night Rover Challenge can be found at: *http://nightrover.org*

Dated: March 26, 2013.

Michael J. Gazarik,

Associate Administrator, Space Technology Mission Directorate, National Aeronautics and Space Administration.

[FR Doc. 2013–07552 Filed 4–1–13; 8:45 am]

BILLING CODE P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–028]

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: April 2, 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–32761–1–CIP: Multi-Channel Flow Plug with Eddy Current Minimization for Metering, Mixing, and Conditioning;

NASA Case No.: MFS–32761–1–CON: Multi-Channel Flow Plug with Eddy Current Minimization for Meeting, Mixing, and Conditioning.

Sumara M. Thompson-King,

Deputy General Counsel.

[FR Doc. 2013–07611 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–027]

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: April 2, 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–18202–1: Method for Ground-to-Space Laser Calibration System;

NASA Case No.: LAR–18132–1: Modeling of Laser Ablation and Plume Chemistry in a Boron Nitride Nanotube Production Rig;

NASA Case No.: LAR–17681–2: System for Repairing Cracks in Structures.

Sumara M. Thompson-King,

Deputy General Counsel.

[FR Doc. 2013–07610 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–025]

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: April 2, 2013.

FOR FURTHER INFORMATION CONTACT: Robert H. Earp, III, Patent Attorney, Glenn Research Center at Lewis Field, Code 21–14, Cleveland, OH 44135; telephone (216) 433–5754; fax (216) 433–6790.

NASA Case No.: LEW–18889–1: High Speed Idle Engine Control Mode;

NASA Case No.: LEW–18629–1: Electrospray Collection of Lunar Dust;

NASA Case No.: LEW–18565–1: Catalytic Microtube Rocket Igniter;

NASA Case No.: LEW–18605–2: Dual-Mode Hybrid-Engine (DMH-Engine): A Next-Generation Electric Propulsion Thruster;

NASA Case No.: LEW–18919–1: Wireless controlled Chalcogenide Nanoionic Radio Frequency Switch;

NASA Case No.: LEW–18893–1: Novel Aerogel-Based Antennas (ABA) for Aerospace Applications;

NASA Case No.: LEW–18752–1: Large Strain Transparent Magneto-active Polymer Nanocomposites.

Sumara M. Thompson-King,

Deputy General Counsel.

[FR Doc. 2013–07608 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–024]

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: April 2, 2013.

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–16644–1: Variable Camber Continuous Aerodynamic Control Surfaces and Methods for Active Wing Shaping Control;

NASA Case No.: ARC–16846–1: Dynamic Weather Routes Tool;

NASA Case No.: ARC 16902–1: Nanosensors for Medical Diagnosis;

NASA Case No.: ARC 16942–2: A New Family of Low Density Flexible Ablators;

NASA Case No.: ARC 16450–1CIP: Distributed Prognostics and Health Management with a Wireless Network Architecture;

NASA Case No.: ARC 16607–1: An Approach to Make Flexible Ablators that are Flexible Char Formers;

NASA Case No.: ARC 16340–1: Method for Formation and Manufacture of Carbon Nanotube Mesh Bucky Paper Capsules for Transplantation of Cells and Tissue and Implantation of Medical Devices;

NASA Case No.: ARC 16844–1: Adaptive Control and Disturbance Rejection of Non-Minimum Phase Plants Using Residual Mode Filters.

Sumara M. Thompson-King,

Deputy General Counsel.

[FR Doc. 2013–07607 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–026]

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: April 2, 2013.

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–16193–1: Improved Approach to Exoplanet Coronagraphy.

Sumara M. Thompson-King,

Deputy General Counsel.

[FR Doc. 2013–07609 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–033]

Notice of Intent To Grant Exclusive License

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of Intent to Grant Exclusive License.

SUMMARY: This notice is issued in accordance with 35 U.S.C. 209(e) and 37 CFR 404.7(a)(1)(i). NASA hereby gives notice of its intent to grant an exclusive license in the United States to practice the invention described and claimed in U.S. Patent Application Serial No. 13/800,692 entitled Interconnect Device and Assemblies Made Therewith, to Topline Corporation, having its principal place of business in Irvine, CA. The patent rights in these inventions as applicable have been assigned to the United States of America as represented by the Administrator of the National Aeronautics and Space Administration. The prospective partially exclusive license will comply with the terms and conditions of 35 U.S.C. 209 and 37 CFR 404.7.

DATES: The prospective exclusive license may be granted unless, within fifteen (15) days from the date of this published notice, NASA receives written objections including evidence and argument that establish that the grant of the license would not be consistent with the requirements of 35 U.S.C. 209 and 37 CFR 404.7. Competing applications completed and received by NASA within fifteen (15) days of the date of this published notice will also be treated as objections to the grant of the contemplated exclusive license.

Objections submitted in response to this notice will not be made available to the public for inspection and, to the extent permitted by law, will not be released under the Freedom of Information Act, 5 U.S.C. 552.

ADDRESSES: Objections relating to the prospective license may be submitted to Mr. James J. McGroary, Chief Patent Counsel/LS01, Marshall Space Flight Center, Huntsville, AL 35812, (256) 544–0013.

FOR FURTHER INFORMATION CONTACT: Mr. Sammy A. Nabors, Technology Transfer Office/ZP30, Marshall Space Flight Center, Huntsville, AL 35812, (256) 544–5226. Information about other NASA inventions available for licensing can be found online at *http://technology.nasa.gov.*

Sumara M. Thompson-King,

Acting Deputy General Counsel.

[FR Doc. 2013–07615 Filed 4–1–13; 8:45 am]

BILLING CODE 7510–13–P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 13–030]

Privacy Act of 1974; Privacy Act System of Records

AGENCY: National Aeronautics and Space Administration (NASA).

ACTION: Notice of a Privacy Act system of records.

SUMMARY: Each Federal agency is required by the Privacy Act of 1974 to publish a description of a system of records containing personal information it establishes and maintains. This notice provides notification that NASA has established an internal system pertaining to its Guest Operations that maintains a listing of individuals invited to view one of NASA's satellite launches, Expendable Launch Vehicle (ELV) launches, or other significant events.

DATES: Submit comments within 60 calendar days from the date of this publication.

ADDRESSES: Patti F. Stockman, Privacy Act Officer, Office of the Chief Information Officer, National Aeronautics and Space Administration Headquarters, Washington, DC 20546–0001, (202) 358–4787, *NASA-PAOfficer@nasa.gov.*

FOR FURTHER INFORMATION CONTACT: NASA Privacy Act Officer, Patti F. Stockman, (202) 358–4787, *NASA-PAOfficer@nasa.gov.*

NASA 10GOS

SYSTEM NAME:

NASA Guest Operations System.

SECURITY CLASSIFICATION:

None.

SYSTEM LOCATION:

Location 1, as set forth in Appendix A.