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.