

Pennsylvania 15241-1421 has filed a petition to modify the application of 30 CFR 75.503 (Permissible electric face equipment; maintenance) and 30 CFR 18.35 (Portable (trailing) cables and cords) to its Bailey Mine (MSHA I.D. No. 36-07230) located in Greene County, Pennsylvania. The petitioner proposes to increase the maximum length of trailing cables supplying power to continuous mining machines to 950 feet and other section equipment to 900 feet during longwall panel development. The petitioner states that this alternative method will only apply to trailing cables supplying three-phase, 950-volt power to continuous mining machines and trailing cables supplying three-phase, 480-volt power to loading machines, shuttle cars, roof bolters, and section ventilation fans. The petitioner asserts that the proposed alternative method would provide at least the same measure of protection as the existing standard.

4. Jim Walter Resources, Inc.

[Docket No. M-2003-035-C]

Jim Walter Resources, Inc., P.O. Box 133, Brookwood, Alabama 35444 has filed a petition to modify the application of 30 CFR 75.503 (Permissible electric face equipment; maintenance) to its No. 7 Mine (MSHA I.D. No. 01-01401) located in Tuscaloosa County, Alabama. The petitioner proposes to extend the length of the cable not to exceed 1200 feet for continuous mining machines, loading machines, roof bolting machines, shuttle cars, and section auxiliary ventilation fans during longwall panel development conditioned upon the specific terms and conditions listed in this petition for modification. The petitioner states that it proposed alternative method would apply only to trailing cables that supply 2400-volt, three-phase, alternating current to continuous mining machines, and that all miners will receive training prior to implementation of this proposed alternative method. The petitioner asserts that the proposed alternative method would provide at least the same measure of protection as the existing standard.

5. I O Coal Company, Inc.

[Docket No. M-2003-036-C]

I O Coal Company, Inc., 430 Harper Park Dr., Suite A, Beckley, West Virginia 25801 has filed a petition to modify the application of 30 CFR 75.503 (503 (Permissible electric face equipment; maintenance) and 30 CFR 18.41(f) (Plug and receptacle-type connectors) to its Europa Mine (MSHA I.D. No. 46-08798) located in Boone

County, West Virginia. The petitioner proposes to replace a padlock on battery plug connectors on mobile battery-powered machines with a threaded ring and a spring-loaded locking device to prevent the plug connector from accidentally disengaging while under load. The petitioner asserts that the application of the existing standard will result in a diminution of safety to the miners.

6. Consolidation Coal Company

[Docket No. M-2003-037-C]

Consolidation Coal Company, 1800 Washington Road, Pittsburgh, Pennsylvania 15241 has filed a petition to modify the application of 30 CFR 75.1909(b)(6) (Non-permissible diesel-powered equipment; design and performance requirements) to its Emery Mine (MSHA I.D. No. 42-00079) located in Emery County, Utah. The petitioner requests a modification of the existing standard to permit the use of a diesel grader without individual service brakes on all of the grader wheels. The petitioner proposes to equip the Grader with: (i) Service brakes on each of the Drive Wheels; (ii) stationary emergency brakes; and (iii) brakes on the Directional Wheels. The petitioner states that the tramming speed of the Grader will be restricted to 10 miles per hour, the grader operators will be trained to check brake function during pre-operational checks, and to lower the Grader blade to the ground as an additional braking mechanism. The petitioner further states that grader operators will receive task training and annual refresher training on the provisions of its alternative method. The petitioner asserts that the proposed alternative method would provide at least the same measure of protection as the existing standard.

7. FMC Corporation

[Docket No. M-2003-001-M]

FMC Corporation, Box 872, Green River, Wyoming 82935 has filed a petition to modify the application of 30 CFR 57.22305 (Approved equipment (III Mines)) to its FMC Trona Mine (MSHA I.D. No. 48-00152) located in Sweetwater County, Wyoming. The petitioner requests a modification of the existing standard to permit the use of a portable Leica DISTO laser distance meter in by the last open break. The petitioner states that this equipment has minimal output power that is considerably less than the 12-watt threshold for intrinsically safe electrical equipment. The petitioner has listed specific terms and conditions in this petition for modification that would be

followed when using this equipment. The petitioner asserts that the proposed alternative method would provide at least the same measure of protection as the existing standard.

Request for Comments

Persons interested in these petitions are encouraged to submit comments via e-mail to comments@msha.gov, or on a computer disk along with an original hard copy to the Office of Standards, Regulations, and Variances, Mine Safety and Health Administration, 1100 Wilson Boulevard, Room 2352, Arlington, Virginia 22209. All comments must be postmarked or received in that office on or before July 3, 2003. Copies of these petitions are available for inspection at that address.

Dated at Arlington, Virginia, this 28th day of May 2003.

Marvin W. Nichols, Jr.,

Director, Office of Standards, Regulations, and Variances.

[FR Doc. 03-13760 Filed 6-2-03; 8:45 am]

BILLING CODE 4510-43-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-055)]

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: June 3, 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-31408-1-CIP: Photon Momentum Transfer Plane For Asteroid, Meteoroid, And Comet Orbit Shaping;

NASA Case No. MFS-31559-1-DIV: Phase/Matrix Transformation Weld Process And Apparatus;

NASA Case No. MFS-31689-1: Axisymmetric, Throttleable Non-Gimballed Rocket Engine;

NASA Case No. MFS-31707-1: Entertainment And Pacification System For Car Seat;

NASA Case No. MFS-31708-1: Video Monitoring System For Car Seat;

NASA Case No. MFS-31714-1: Health Monitoring System For Car Seat;

NASA Case No. MFS-31780-1: Radio Frequency Trap For Containment Of Plasmas In Antimatter Propulsion Systems Using Rotating Wall Electric Fields.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13906 Filed 6-2-03; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-056)]

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: June 3, 2003.

FOR FURTHER INFORMATION CONTACT:

Linda Blackburn, Patent Counsel, NASA Langley Research Center, Mail Code 212, Hampton, VA 23681-2199; telephone (757) 864-9260, fax (757) 864-9190.

NASA Case No. LAR-16289-1: Electro-Active Transducer Using Radial Electric Field To Produce/Sense Out-of-Plane Transducer Motion;

NASA Case No. LAR-16363-1: Electro-Active Device Using Radial Electric Field Piezo-Diaphragm For Control Of Fluid Movement;

NASA Case No. LAR-16390-1-SB: Ruthenium Stabilization For Improved Oxidation/Reduction Catalyst Systems;

NASA Case No. LAR-16393-1: Electro-Active Device Using Radial Electric Field Piezo-Diaphragm For Sonic Applications.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13907 Filed 6-2-03; 8:45 am]

BILLING CODE 7590-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-057)]

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: June 3, 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-11937-2: Communication System With Adaptive Noise Suppression.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13908 Filed 6-2-03; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-058)]

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: June 3, 2003.

FOR FURTHER INFORMATION CONTACT:

Edward Fein, Patent Counsel, Johnson Space Center, Mail Code HA, Houston, TX 77058-3696, telephone (281) 483-4871; fax (281) 244-8452.

NASA Case No. MSC-23444-1: Motion Sickness Treatment Apparatus And Method;

NASA Case No. MSC-23449-1: System For The Diagnosis And Monitoring Of Coronary Artery Disease, Acute Coronary Syndromes, Cardiomyopathy And Other Cardiac Conditions;

NASA Case No. MSC-23472-1: Heat Treatment Of Friction Stir Welded 7050 Aluminum Plate.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13909 Filed 6-2-03; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-059)]

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: June 3, 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-14393-1: Light Weight Optical Mirrors Formed In Single Crystal Substrate.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13910 Filed 6-2-03; 8:45 am]

BILLING CODE 7590-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice (03-060)]

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: June 3, 2003.

FOR FURTHER INFORMATION CONTACT:

Rob 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-15042-1: Carbon Nanotube Interconnect.

Dated: May 28, 2003.

Robert M. Stephens,

Deputy General Counsel.

[FR Doc. 03-13911 Filed 6-2-03; 8:45 am]

BILLING CODE 7590-01-P