

NASA Case No. MFS-31258-1: Releasable Roller Clutch;
NASA Case No. MFS-31278-1: Synchronized Docking System;
NASA Case No. MFS-31279-1: Synchronized Autonomous Docking System;
NASA Case No. MFS-31281-1: Self-Synchronized Target Subsystem For Automated Docking Systems;
NASA Case No. MFS-31249-1: Method Of Determining The Inhomogeneity Of A High TC Superconductor;
NASA Case No. MFS-31138-1: Rocket Engine Thrust Chamber Assembly;
NASA Case No. MFS-31269-1: Orbital Friction Stir Weld System;
NASA Case No. MFS-31184-1: Pressure-Driven Magnetically-Coupled Conveyance;
NASA Case No. MFS-31294-2: Aluminum Alloy And Articles Cast Therefrom;
NASA Case No. MFS-31379-1: Composite Tank;
NASA Case No. MFS-31267-1SB: Gradient Coatings;
NASA Case No. MFS-31043-1: Non-Contact, Capacitance Based Method System For Symbol Recognition;
NASA Case No. MFS-31044-1: Radiographic Based Method and System For Identifying Manufactured Assemblies;
NASA Case No. MFS-31075-1: Thermal Imaging Based Method and System for Symbol Recognition.

Dated: January 5, 1999.

Edward A. Frankle,
General Counsel.

[FR Doc. 99-572 Filed 1-11-99; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 99-008]

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 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: January 12, 1999.

FOR FURTHER INFORMATION CONTACT: Kent N. Stone, Patent Attorney, Lewis

Research Center, Mail Stop 500-118, Cleveland, Ohio 44135-3191; telephone (216) 433-8855.

NASA Case No. LEW 16390-2: Controlled Thermal Expansion Coat For Thermal Barrier Coatings;

NASA Case No. LEW 16638-1: Capacitive Extensometer Particularly Suited For Measuring In Vivo Bone Strain.

Dated: January 5, 1999.

Edward A. Frankle,
General Counsel.

[FR Doc. 99-573 Filed 1-11-99; 8:45 am]

BILLING CODE 7510-01-P

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 99-009]

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 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: January 12, 1999.

FOR FURTHER INFORMATION CONTACT: Office of the Patent Counsel, Langley Research Center, Mail Stop 212, Hampton, VA 23681-0001; telephone (757) 864-9260.

NASA Case No. LAR 15400-1: Liquid Crystal Display Cell Containing Soluble Optically Transparent Polyimide Alignment Layer;

NASA Case No. LAR 15410-1: Ceramic Shell Casting System For Slip Casting, Pressure Casting and Core Molds;

NASA Case No. LAR 15659-1: Method and Apparatus To Fabricate A Fully-Consolidated Fiber Reinforced Tape From Polymer Powder Preimpregnated Fiber Tow Bundles For Automated Tow Placement;

NASA Case No. LAR 15676-1-CU: Metallized Polymer Surfaces And Metal-Polymer Composites Prepared by Supercritical Fluid Infusion Of A Metal Precursor Followed by The Thermal Reduction;

NASA Case No. LAR 15258-2: Apparatus For Linewidth Reduction In Distributed Feedback Or Distributed Bragg Reflector Semiconductor Lasers Using Vertical Emission (Div of-1);

NASA Case No. LAR 15876-1-SB: Vortex Generator Manufacturing Process;

NASA Case No. LAR 15295-2: Sawtooth Planform Concept;

NASA Case No. LAR 15686-1: A Device For The Insertion Of Discontinuous Through-the-Thickness Reinforcements Into Preforms And Prepreg Materials;

NASA Case No. LAR 15897-1: Non-Intrusive Optical Measurement Of Fuel Quantity And Qualitative Density Variations Throughout The Fuel Using Focusing Schlieren Techniques.

Dated: January 5, 1999.

Edward A. Frankle,
General Counsel.

[FR Doc. 99-574 Filed 1-11-99; 8:45 am]

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 99-010]

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 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: January 5, 1999.

FOR FURTHER INFORMATION CONTACT: Guy M. Miller, Patent Counsel, Goddard Space Flight Center, Mail Code 750.2, Greenbelt, MD 20771; telephone (301) 286-7351.

NASA Case No. GSC-13996-1: Single Unit, Mission Configurable Cast Structure For Spacecraft;

NASA Case No. GSC-13997-1: Evolvable, High Performance, Mission Configurable, Data System Architecture For Spacecraft;

NASA Case No. GSC-13998-1: Multiple Mission, Plug And Play, Configurable Spacecraft Architecture;

NASA Case No. GSC-13707-1: Dual Antenna Compensating Combiner (DACC);

NASA Case No. GSC-14006-1: Flexible Wedges.

Dated: January 5, 1999.

Edward A. Frankle,
General Counsel.

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