

of America as represented by the Secretary of the Army, Washington, DC.

"Controlled Multi-Purpose Chemical Agent Vapor Generator System", U.S. Patent 5,728,927, Issued 17 Mar 98

A system for generating a chemical agent airstream for testing chemical agent detection devices. The system includes subsystems for generating the chemical agent airstream, a parallel subsystem for generating an airstream for preconditioning the detection device and a subsystem for generating an interferant airstream for further determining the reliability of the detection device.

"Super Toxic Analytical Glove Box System", U.S. Patent 5,730,765, Issued 24 Mar 98

The field of the invention is the detection and analysis of toxic matter. More particularly, the invention relates to a portable analytical glove box system used to analyze highly toxic chemical samples.

"Method of Measuring the Decomposition of a Gaseous Material Under Controlled Temperature and Time Conditions", U.S. Patent 5,719,323 issued 17 Feb 98

A method and apparatus for measuring the decomposition of a gaseous material under controlled temperature and time conditions. The method is particularly useful for testing the decomposition of pyrotechnic compositions useful in grenades.

"Oxidative Detoxification of Phosphonothiolates and Phosphonothioic Acids", U.S. Patent 5,710,358 Issued 20 Jan 98

A method for detoxifying substituted and unsubstituted phosphonothiolates and phosphonothioic acids.

"Panoramic Infrared-Imaging Spectroradiometer with Reverse Phase Modulation Beam Broadcasting", U.S. Patent 5,708,503, Issued 13 Jan 98

A spectroradiometer for analyzing chemicals located within a panorama comprised of hyperboloid mirrors for directing light received from the panorama through a collimator and via an interferometer to an array of detectors, the signals from which are subjected to parallel discrete Fourier transform and parallel spectra pattern recognition systems. Transmissions of data is achieved by using an interferometer having modulated photoelastic modulators positioned between linear polarizers, directing laser light through the interferometer to the hyperboloid mirrors and providing a

receiver comprised of a linear polarizer, a detector, a plurality of band pass amplifiers, and a processor for recognizing the different patterns in the output of the amplifier that result from rotating at least one of the photoelastic modulators and polarizers to a different position.

"Thermite Destructive Device", U.S. Patent 5,698,812, Issued 16 Dec 97

This invention relates to destructive devices using thermite reactions and in particular concerns improved means of utilizing such reactions in the destruction of metallic targets.

"Multifuel Combustion Engine and Use in Generating Obscurant Smoke", U.S. Patent 5,665,272, Issued 9 Sep 97

This invention pertains generally to the field of combustion engines and more particularly to combustion engines capable of operating on diverse fuels. In general, modifications are made to a combustion engine so that it is capable of operating on diverse fuels such as gasoline, diesel and kerosene.

"Frustum Layered Canister", U.S. Patent 5,660,173, Issued 26 Aug 97

This invention is a design improvement of the cylindrical canister or respirator filter that is used in conjunction with a gas mask for individual protection against respiratory hazards. This invention improved the problem of sacrificing protection time, against chemical and biological warfare agents, for pressure drop, in canister design.

"Earth Monitoring Satellite System with Combined Infrared Interferometry and Photopolarimetry for Chemical and Biological Sensing", U.S. Patent 5,659,391, Issued 19 Aug 97

Apparatus for remotely sensing chemical and biological material which produces interferograms and scattergrams on an array of light detectors, and provides a means for determining the distance between the apparatus and an area under examination.

"Neural Network Computing System for Pattern Recognition of Thermoluminescence Signature Spectra and Chemical Defense", U.S. Patent 5,631,469, Issued 20 May 97.

The present invention is related to the use of a neural network computing system recognizing the thermoluminescence signature spectra of chemical compounds and finds particular utility in the recognition of nerve and blister agent compounds.

"Competitor Primer Asymmetric Polymerase Chain Reaction", U.S. Patent 5,627,054, Issued 6 May 97

This invention relates generally to the detection of nucleic acid sequences by polymerase chain reaction (PCR). More particularly, this invention relates to a process for efficiently producing single-stranded PCR products in an amount proportional to the amount of a target nucleic acid sequence present in a sample being analyzed.

"Apparatus and Method for Measurement of Offgassing Rate", U.S. Patent 5,606,111, Issued 25 Feb 97

This invention relates generally to testing apparatus and more particularly to test cells for measuring the offgasses emitted from a test sample.

FOR FURTHER INFORMATION CONTACT: Mr. John Biffoni, Patent Attorney, U.S. Army CBDCOM, AMSCB-GC, APG, MD 21010-5423, Phone: (410) 671-1158.

SUPPLEMENTARY INFORMATION: None.

Mary V. Yonts,

Alternate Army Federal Register Liaison Officer.

[FR Doc. 98-12506 Filed 5-11-98; 8:45 am]

BILLING CODE 3710-08-M

DEPARTMENT OF DEFENSE

Department of the Army

Advisory Committee Meeting Notice

AGENCY: U.S. Army Training and Doctrine Command (TRADOC).

ACTION: Notice of meeting.

SUMMARY: In accordance with Section 10(a)(2) of the Federal Advisory Committee Act (P.L. 92-463), announcement is made of the following meeting:

Name of Committee: Distance Learning/Training Technology Subcommittee of the Army Education Advisory Committee.

Dates of Meeting: 27-29 May 1998.

Place: Fort Eustis, Virginia and The Williamsburg Hospitality House, 415 Richmond Road, Williamsburg, Virginia 23185-3536.

Time: 1300-1630 on 27 May 1998; 0830-1630 on 28 May 1998; and 0830-1130 on 29 May 1998.

Proposed Agenda: Review and discussion of the status of Army Distance Learning and Classroom XXI.

Purpose of the Meeting: The members will advise the Assistant Deputy Chief of Staff (ADCST), HQ Training and Doctrine Command (TRADOC), on matters pertaining to education and training technologies to be used for

Army Distance Learning and resident instruction.

FOR FURTHER INFORMATION CONTACT: All subcommittees regarding this subcommittee should be addressed to Dr. Millie Abell, at Commander, Headquarters TRADOC, ATTN: ATTG-CF (Dr. Millie Abell), Fort Monroe, VA 23651-5000; telephone number (757) 728-5530.

SUPPLEMENTARY INFORMATION: Meeting of the advisory committee is open to the public. Because of restricted meeting space, attendance will be limited to those persons who have notified the Advisory Committee Management Office in writing at least five days prior to the meeting of their intention to attend any of the 27-29 May 1998 sessions. Contact Dr. Abell (757-728-5530) for meeting agenda and specific locations.

Any member of the public may file a written statement with the committee before, during, or after the meeting. To the extent that time permits, the committee chairman may allow public presentation or oral statements at the meeting.

Gregory D. Showalter,

Army Federal Register Liaison Officer.

[FR Doc. 98-12570 Filed 5-11-98; 8:45 am]

BILLING CODE 3710-08-M

DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Availability of Inventions for Non-Exclusive, Partially Exclusive or Exclusive Licensing

AGENCY: Department of the Navy, DOD.

ACTION: Notice.

SUMMARY: The Patent Application entitled "Fluidtight Door Gasket", Patent Number 5,553,871, is assigned to the United States Government and is available for licensing from the Department of the Navy.

DATES: A briefing by the inventors describing the capabilities created by this technology will be given at Carderock on July 15, 1998 at 10:00 am. The briefing will also cover the technology transfer and licensing process. Any organization interested in attending this briefing should provide notice of intent to attend by July 1, 1998.

ADDRESSES: The briefing will be held at the Naval Surface Warfare Center, Carderock Division, 9500 MacArthur Blvd., Bethesda, MD 20817-5700.

FOR FURTHER INFORMATION CONTACT: Mr. Richard Bloomquist, Technology

Transfer Manager, Naval Surface Warfare Center, Carderock Division, Code 0117, 9500 MacArthur Blvd., Bethesda, MD 20817-5700, telephone (301) 227-4299, fax (301) 227-2138 or email bloomqui@oasys.dt.navy.mil.

SUPPLEMENTARY INFORMATION: This gasket invention is uniquely proportioned to improve its sealing properties for use with fluidtight doors and hatches. The gasket is particularly long lived and resists high temperature damage, a significant safety feature. Because the gasket resists hardening and cracking, it requires far less replacement maintenance. The gasket, made of silicone rubber, is softer and therefore easier to install, providing a substantial cost saving over traditional neoprene gaskets. The invention covers a variety of fluidtight door gasket technologies and technical arts as well as other applications, including watertight electrical enclosures.

Authority: 35 U.S.C. 209, 37 CFR Part 404.

Dated: May 1, 1998.

Michael I. Quinn,

Commander, Judge Advocate General's Corps, U.S. Navy, Federal Register Liaison Officer.

[FR Doc. 98-12501 Filed 5-11-98; 8:45 am]

BILLING CODE 3810-FF-P

DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Availability of Inventions for Licensing; Government-Owned Inventions

AGENCY: Department of the Navy, DOD.

ACTION: Notice.

SUMMARY: The inventions listed below are assigned to the United States Government as represented by the Secretary of the Navy and are available for licensing by the Department of the Navy.

ADDRESSES: Requests for copies of the patent applications cited should be directed to the Office of Naval Research, ONR 00CC, Ballston Tower One, 800 North Quincy Street, Arlington, Virginia 22217-5660, and must include the Patent Application Serial Number.

FOR FURTHER INFORMATION CONTACT: Mr. R. J. Erickson, Staff Patent Attorney, Office of Naval Research, ONR 00CC, Ballston Tower One, 800 North Quincy Street, Arlington, Virginia 22217-5660, telephone (703) 696-4001.

SUPPLEMENTARY INFORMATION: The list of available Patent Applications is as follows:

Patent Application Serial No. 08/941,933 entitled "Platform Independent

Computer Interface Software Responsive to Scripted Commands".

Patent Application Serial No. 08/941,257 entitled "Computer System Providing Platform Independent Universal Client Device".

Patent Application Serial No. 08/941,256 entitled "Operating Methods for Computer System Providing Platform Independent Universal Client Device".

Patent Application Serial No. 08/941,255 entitled "Universal Client Device for Interconnecting and Operating any Two Computers".

Patent Application Serial No. 08/941,258 entitled "Method for Operating a Universal Client Device Permitting Interoperation Between any Two Computers".

Patent Application Serial No. 08/941,667 entitled "A Universal Client Device Permitting a Computer To Receive and Display Information from Several Special Applications Simultaneously".

Patent Application Serial No. 08/941,544 entitled "Operating Methods for a Universal Client Device Permitting a Computer to Receive and Display Information from Several Special Applications Simultaneously".

Patent Application Serial No. 08/941,543 entitled "Robust Computer Systems Permitting Autonomously Switching Between Alternative Redundant Components".

Patent Application Serial No. 08/941,545 entitled "Operating Methods for Robust Computer Systems Permitting Autonomously Switching Between Alternative Redundant Components".

Patent Application Serial No. 08/941,931 entitled "Methods Permitting Rapid Generation of Platform Independent Software Applications Executed on a Universal Client Device".

Authority: 35 U.S.C. 207, 37 CFR Part 404.

Dated: April 30, 1998.

Michael I. Quinn,

Commander, Judge Advocate General's Corps, U.S. Navy, Federal Register Liaison Officer.

[FR Doc. 98-12504 Filed 5-11-98; 8:45 am]

BILLING CODE 3810-FF-P

DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Intent to Grant Exclusive Patent License; MedAcoustics, Inc.

AGENCY: Department of the Navy, DOD.

ACTION: Notice.

SUMMARY: The Department of the Navy hereby gives notice of its intent to grant to MedAcoustics, Inc., a revocable, nonassignable, exclusive license in the