

Filing Date: September 15, 1995.

Title: Enzymatic Detoxification of Organophosphorus Compounds.

Description: This invention relates to the expression of a recombinant bacterial enzyme which is useful for detoxifying cholinesterase-inhibiting organophosphorus compounds such as pesticides and chemical nerve agents and the decontamination of substances contaminated with these compounds.

Patent Application Number: 08/796,488.

Filing Date: February 6, 1997.

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: Written objections must be filed on or before September 8, 1997.

Gregory D. Showalter,

Army Federal Register Liaison Officer.

[FR Doc. 97-20765 Filed 8-6-97; 8:45 am]

BILLING CODE 3710-08-M

DEPARTMENT OF DEFENSE

Department of the Army

Availability of U.S. Patents for Non-Exclusive, Exclusive, or Partially-Exclusive Licensing

AGENCY: U.S. Army Chemical and Biological Defense Command, DoD.

ACTION: Notice.

SUMMARY: In accordance with 37 CFR 404.6, announcement is made of the availability of the following U.S. patents for non-exclusive, exclusive, or partially exclusive licensing. All of the patents listed below have been assigned to the United States of America as represented by the Secretary of the Army, Washington, DC.

Title: Neural Network Computing System for Pattern Recognition of Thermoluminescence Signature Spectra and Chemical Defense.

Description: The present invention is related to the use of 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.

Patent Number: 5,631,469.

Issue Date: May 20, 1997.

Title: Competitor Primer Asymmetric Polymerase Chain Reaction.

Description: The present 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.

Patent Number: 5,627,054.

Issue Date: May 6, 1997.

Title: Apparatus and Method for Measurement of Offgassing Rate.

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

Patent Number: 5,606,111.

Issue Date: February 25, 1997.

Title: Focal Plane filtered Multispectral Multidetector Imager.

Description: This invention relates to a focal plane filtered multispectral multidetector imager which can be used for target acquisition and recognition and for the ability to detect and classify chemical vapors or any target with a spectral signature.

Patent Number: 5,568,186.

Issue Date: October 22, 1996.

Title: Method for Testing the Toxicity of Chemicals Using Hyperactivated Spermatozoa.

Description: This invention relates to a method for the in vitro testing of chemicals to determine reproductive toxicity using hyperactivated spermatozoa. In addition, a method is provided for the in vitro production of rabbit spermatozoa of hyperactivated motility useful in said testing.

Patent Number: 5,569,580.

Issue Date: October 29, 1996.

Title: Method for Determining Elongational Viscosity and Dynamic Surface Tension in Liquid Solutions.

Description: This invention relates to methods and apparatus for measuring and testing the physical properties of materials and more particularly for measuring the elongational viscosity and dynamic surface tension of liquid solutions.

Patent Number: 5,559,284.

Issue Date: September 24, 1996.

Title: Hermetically Sealable Reusable Container.

Description: This invention relates to a container having a reusable hermetic seal. The container includes polished surfaces, multiple O-rings and removable fasteners for preventing leaks of toxic substances.

Patent Number: 5,560,511.

Issue Date: October 1, 1996.

Title: Remote Control Adaptor for a Detonator System.

Description: This invention relates to a device which converts the demolition firing device into a remote control actuator. The object of this invention is

to permit modification of a demolition firing device previously used only to set off blasting caps to remotely control smoke generators or any other device or system.

Patent Number: 5,546,862.

Issue Date: August 20, 1996.

Title: Solid Fuel Ramjet Tubular Projectile.

Description: This invention relates generally to tubular projectiles and more particularly to a solid fuel ramjet tubular projectile comprising multiple longitudinal combustion chambers and an inlet turbulence generator.

Patent Number: 5,544,586.

Issue Date: August 13, 1996.

Title: Method and Apparatus for Suspending Microparticles.

Description: This invention relates to the detection and identification of micron-sized particles including liquids, biological microorganisms, chemical particles and unknown analytes. It also pertains to the construction of special particles for test or manufacturing purposes.

Patent Number: 5,532,140.

Issue Date: July 2, 1996.

Title: Apparatus for Growing Microorganism Cultures.

Description: This invention relates to using a culture that provides a continuous supply of nutrients and a continuous removal of waste products so as to result in greater growth. At the same time the cultures are formed on a surface such that they are isolated and easily identified optically or by phage technique. Most importantly, however, the different colonies can be easily removed by transferring them to absorbent material.

Patent Number: 5,523,235.

Issue Date: June 4, 1996.

Title: On-The-Move Surface Sampling Head For A Mass Spectrometer.

Description: This invention relates to an on-the-move surface sampling probe used in conjunction with a mass spectrometer for the purpose of detecting chemical contaminated areas.

Patent Number: 5,517,026.

Issue Date: May 14, 1996.

Title: Method for Detection of Microorganisms.

Description: This invention relates to microorganism detection and sorting systems.

Patent Number: 5,290,707.

Issue Date: March 1, 1994.

Title: Detection of Yersinia Using the Polymerase Chain Reaction.

Description: This invention relates to classification of microorganisms, and more particularly to a comprehensive identification scheme for pathogens.

Patent Number: 5,654,144.

Issue Date: August 5, 1997.

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: Written objections must be filed on or before September 8, 1997.

Gregory D. Showalter,

Army Federal Register Liaison Officer.

[FR Doc. 97-20764 Filed 8-6-97; 8:45 am]

BILLING CODE 3710-08-M

DEPARTMENT OF DEFENSE

Department of the Army

Privacy Act of 1974; System of Records

AGENCY: Department of the Army, DOD.

ACTION: Notice to amend systems of records.

SUMMARY: The Department of the Army is amending systems of records notice in its existing inventory of record systems subject to the Privacy Act of 1974, (5 U.S.C. 552a), as amended.

DATES: This proposed actions will be effective without further notice on September 8, 1997, unless comments are received which result in a contrary determination.

ADDRESSES: Privacy Act Officer, Records Management Program Division, U.S. Army Total Army Personnel Command, ATTN: TAPC-PDR-P, Stop C55, Ft. Belvoir, VA 22060-5576.

FOR FURTHER INFORMATION CONTACT: Ms. Janice Thornton at (703) 806-4390 or DSN 656-4390.

SUPPLEMENTARY INFORMATION: The Department of the Army systems of records notices subject to the Privacy Act of 1974, (5 U.S.C. 552a), as amended, have been published in the **Federal Register** and are available from the address above.

The specific changes to the record system being amended are set forth below followed by the notice, as amended, published in its entirety. The proposed amendments are not within the purview of subsection (r) of the Privacy Act of 1974, (5 U.S.C. 552a), as amended, which requires the submission of a new or altered system report.

Dated: July 31, 1997.

L.M. Bynum,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

A0025-6USASC

SYSTEM NAME:

Military Affiliate Radio System
(March 4, 1997, 62 FR 9757).

CHANGES:

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RETENTION AND DISPOSAL:

Delete entry and replace with 'Destroy on each renewal or two years after termination of membership.'

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A0025-6USASC

SYSTEM NAME:

Military Affiliate Radio System.

SYSTEM LOCATION:

U.S. Army Signal Command, Fort Huachuca, AZ 85613-5000.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

Individuals having a valid amateur radio station license issued by the Federal Communications Commission who apply for membership in the Army Military Affiliate Radio System (MARS).

CATEGORIES OF RECORDS IN THE SYSTEM:

Applicant's name, home address and telephone number, licensing data and call-sign provided by Federal Communications Commission, Army MARS call-sign, relevant inquiries/records and reports.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

10 U.S.C. 3013; DoD Directive 4650.2; and Field Manual 11-490-7.

PURPOSE(S):

To provide a potential reserve of trained radio communications personnel for military duty when needed and/or to provide auxiliary communications for military, civil, and/or disaster officials during periods of emergency.

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSES OF SUCH USES:

In addition to those disclosures generally permitted under 5 U.S.C. 552a(b) of the Privacy Act, these records or information contained therein may specifically be disclosed outside the DoD as a routine use pursuant to 5 U.S.C. 552a(b)(3) as follows:

Information may be disclosed to Department of Army and Department of Defense communication agencies and their authorized contractors in

connection with individual's participation in the Army Military Affiliate Radio System Program and to federal supply agencies in connection with individual's participation in the Army MARS Equipment Program.

The 'Blanket Routine Uses' set forth at the beginning of the Army's compilation of systems of records notices also apply to this system.

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Cards; paper in file folders, computer tapes, discs, listings.

RETRIEVABILITY:

By member's name, and amateur and/or MARS call signs.

SAFEGUARDS:

Information is maintained in buildings having security guards and is accessible only to individuals who have need therefor to perform their duties. Automated records are further protected by a password assigned to designated persons.

RETENTION AND DISPOSAL:

Destroy on each renewal or two years after termination of membership.

SYSTEM MANAGER(S) AND ADDRESS:

Commander, U.S. Army Signal Command, ATTN: AFSC-OPT-BC, Fort Huachuca, AZ 95613-5000.

NOTIFICATION PROCEDURE:

Individual seeking to determine whether information about themselves is contained in this system should address written inquiries to the Commander, U.S. Army Signal Command, ATTN: AFSC-OPT-BC, Fort Huachuca, AZ 95613-5000.

Individual should provide the name under which licensed is the Army MARS program, amateur and or MARS call sign, present address, call sign, and signature.

RECORD ACCESS PROCEDURES:

Individuals seeking to access records about themselves contained in this record system should address written inquiries to the Commander, U.S. Army Signal Command, ATTN: AFSC-OPT-BC, Fort Huachuca, AZ 95613-5000.

Individual should provide the name under which licensed is the Army MARS program, amateur and or MARS call sign, present address, call sign, and signature.

CONTESTING RECORDS PROCEDURES:

The Army's rules for accessing records, and for contesting contents and