

toxic, especially chemical compound containing DETA such as DS2. The process provides for the continuous fed-batch biodegradation of Decontamination Solution 2 (DS2).

"Infrared Mueller Matrix Detection and Ranging System", U.S. Patent 6,060,710 Issued 9 May 2000

The present invention relates to an active remote sensing system. It identifies chemical and/or biological materials (CBMs) at a distance by interrogating the materials with modulated polarized infrared laser light, collect backscattered polarized infrared laser radiation, electronically record the information from the collected polarized infrared radiation, and mathematically analyze the information to identify the CBMs. Additionally, the device and method may determine the distance to the CBMs.

"Solid Particle Aerosol Belt and Dissemination Method", U.S. Patent 6,076,671 Issued 20 June 2000

The present invention is a solid particle aerosol device and a method for disseminating the solid particle aerosol from the device. The device and method of solid particle aerosol dispersal permit easy handling and dissemination of the solid particle aerosol in combat and non-combat operations. The device and method also provide rapid and efficient dispersal of solid particle aerosol into the atmosphere for military and civilian purposes.

"Enzymatic Detoxification of Organophosphorus Compounds", U.S. Patent 6,080,566 Issued 27 June 2000

The present invention relates generally to the hydrolysis of organophosphorus compounds. More specifically, the present 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.

FOR FURTHER INFORMATION CONTACT: Mr. Bob Gross, Technology Transfer Office, U.S. Army SBCCOM, ATTN: AMSSB-RAS-C, 5183 Blackhawk Road (Bldg E3330/245), APG, MD 21010-5423; Phone: (410) 436-5387 or E-mail: rigross@sbccom.apgea.army.mil.

SUPPLEMENTARY INFORMATION: None.

Gregory D. Showalter,
Army Federal Register Liaison Officer.
[FR Doc. 00-21138 Filed 8-18-00; 8:45 am]
BILLING CODE 3710-08-U

DEPARTMENT OF DEFENSE

Department of the Army

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

AGENCY: U.S. Army Research Laboratory, DoD.

ACTION: Notice.

SUMMARY: In accordance with 37 CFR 404.6 announcement is made of the availability of the following U.S. patent for non-exclusive, partially exclusive or exclusive licensing. The listed patent has been assigned to the United States of America as represented by the Secretary of the Army, Washington, D.C.

This patent covers a wide variety of technical arts including: A miniature, planar, delay slider actuator micromachined on a substrate.

Under the authority of Section 11(a)(2) of the Federal Technology Transfer Act of 1986 (Public Law 99-502) and Section 207 of Title 35, United States Code, the Department of the Army as represented by the U.S. Army Research Laboratory wish to license the U.S. patent listed below in a non-exclusive, exclusive or partially exclusive manner to any part interested in manufacturing, using, and/or selling devices or processes covered by this patent.

Title: Miniature, Planar, Inertially-Damped, Inertially-Actuated Delay Slider Actuator.

Inventor: Charles H. Robinson.

Patent Number: 6,064,013.

Issued Date: May 16, 2000.

FOR FURTHER INFORMATION CONTACT: Norma Cammaratta, Technology Transfer Office, AMSRL-CS-TT, U.S. Army Research Laboratory, Adelphi, MD 20783-1197 tel: (301) 394-2952; fax: (301) 394-5818.

SUPPLEMENTARY INFORMATION: None.

Gregory D. Showalter,
Army Federal Register Liaison Officer.
[FR Doc. 00-21140 Filed 8-18-00; 8:45 am]
BILLING CODE 3710-08-M

DEPARTMENT OF DEFENSE

Department of the Army, Corps of Engineers

Intent To Prepare a Draft Supplemental Environmental Impact Statement (SEIS) in Conjunction With Proposed Flood Control Measures (Levee 37) on the Upper Des Plaines River at Mount Prospect in Cook County, IL

AGENCY: U.S. Army Corps of Engineers, DoD.

ACTION: Notice of intent.

SUMMARY: The project involves proposed construction of flood control measures along the Upper Des Plaines River at Prospect Heights and Mount Prospect in Cook County, Illinois. Alternatives under consideration include earthen levees, concrete floodwalls, and temporary road closures.

FOR FURTHER INFORMATION CONTACT: Mr. Keith Ryder, 312/353-6400 ext. 2020; U.S. Army Corps of Engineers, Suite 600, 111 North Canal Street; Chicago, Illinois 60606-7206.

SUPPLEMENTARY INFORMATION: The Supplemental Environmental Impact Statement will document changes to the recommended plan (pertinent to the levee 37 project area) originally proposed in the 1999 environmental impact statement.

Mark A. Roncoli,
Colonel, U.S. Army District Engineer.
[FR Doc. 00-21142 Filed 8-18-00; 8:45 am]
BILLING CODE 3210-HN-M

DEPARTMENT OF ENERGY

Office of Science; Office of Science Financial Assistance Program Notice 00-17: Advanced Detector Research Program

AGENCY: Department of Energy (DOE).
ACTION: Notice inviting grant applications.

SUMMARY: The Division of High Energy Physics of the Office of Science (SC), U.S. Department of Energy, hereby announces its interest in receiving grant applications for support under its Advanced Detector Research Program. Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of the new detector technologies needed to perform future high energy physics experiments.

DATES: To permit timely consideration for award in fiscal year 2001, formal applications submitted in response to this notice should be received before December 5, 2000.

Applicants are requested to submit a letter of intent by November 1, 2000, which includes the title of the proposal, the name of the principal investigator(s), the requested funding and a one-page abstract. Failure to submit a letter of intent will not negatively prejudice a responsive formal application submitted

in a timely manner. Electronic submissions of letters of intent are acceptable.

ADDRESSES: Completed formal applications referencing Program Notice 00-17 should be forwarded to: U.S. Department of Energy, Office of Science, Grants and Contracts Division, SC-64, 19901 Germantown Road, Germantown, Maryland 20874-1290, ATTN: Program Notice 00-17. The above address must also be used when submitting applications by U.S. Postal Service Express Mail, any other commercial mail delivery service, or when hand carried by the applicant. An original and seven copies of the application must be submitted. Due to the anticipated number of reviewers, it would be helpful for each applicant to submit an additional four copies of the application.

Letters of intent referencing Program Notice 00-17 should be forwarded to: U.S. Department of Energy, Office of Science, Division of High Energy Physics, SC-221, 19901 Germantown Road, Germantown, MD 20874-1290, ATTN: Michael Procario. Letters of intent can also be submitted via E-mail at the following E-mail address: michael.procario@science.doe.gov

FOR FURTHER INFORMATION CONTACT: Dr. Michael Procario, Division of High Energy Physics, SC-221 (GTN), U.S. Department of Energy, 19901 Germantown Road, Germantown, Maryland 20874-1290. Telephone: (301) 903-2890. E-Mail: michael.procario@science.doe.gov

SUPPLEMENTARY INFORMATION: Future high energy physics experiments will require higher performance detectors to exploit the higher beam energies and intensities of new or upgraded accelerators. Higher performance detectors are also needed to probe for new physical processes in both accelerator and non-accelerator based experiments. Proposed detector research should be driven by the anticipated needs of experiments to be built within the foreseeable future, as well as upgrades to current experiments. Interesting technologies would include but not be limited to charged particle track detectors, calorimeters or particle identification detectors that are less sensitive to radiation, have higher resolution, are lower in cost, or can be read out faster than currently available detectors.

It is anticipated that in fiscal year 2001 approximately \$500,000 will be awarded in total, subject to availability of appropriated funds. The number of awards will be determined by the

number of excellent applications and the total funds available for this program. Multiple year funding of grant awards is possible, with funding provided on an annual basis subject to availability of funds. Cost sharing is encouraged but not required. It is expected that the final development or fabrication of detectors for specific experiments will *not* be funded by this program.

Applicants are encouraged to collaborate with researchers in other institutions, such as universities, industry, non-profit organizations, federal laboratories and Federally Funded Research and Development Centers (FFRDCs), including DOE National Laboratories. In the case of collaborative applications submitted from different institutions which are directed at a single research activity, each application must have a different scope of work and a qualified principal investigator who is responsible for the research effort being performed at his or her institution. Further information on preparation of collaborative proposals may be accessed via the Internet at <http://www.sc.doe.gov/production/grants/Colab.html>

Applications will be subjected to scientific merit review (peer review) and will be evaluated against the following criteria, which are listed in descending order of importance as set forth in 10 CFR 605.10 (d):

1. Scientific and/or technical merit of the project;
2. Appropriateness of the proposed method or approach;
3. Competency of applicant's personnel and adequacy of proposed resources; and
4. Reasonableness and appropriateness of the proposed budget.

General information about development and submission of applications, eligibility, limitations, evaluations and selection processes, and other policies and procedures are contained in the Application Guide for the Office of Science Financial Assistance Program and 10 CFR part 605. Electronic access to the application guide and required forms is available on the World Wide Web at: <http://www.sc.doe.gov/production/grants/grants.html>

The Catalog of Federal Domestic Assistance Number for this program is 81.049, and the solicitation control number is ERFAP 10 CFR Part 605.

Issued in Washington, DC on August 9, 2000.

John Rodney Clark,

Associate Director of Science for Resource Management, Office of Science.

[FR Doc. 00-21188 Filed 8-18-00; 8:45 am]

BILLING CODE 6450-01-P

DEPARTMENT OF ENERGY

Office of Science; Office of Science Financial Assistance Program Notice 00-16; Division of Nuclear Physics Outstanding Junior Investigator Program

AGENCY: Department of Energy (DOE).

ACTION: Notice inviting grant applications.

SUMMARY: The Division of Nuclear Physics of the Office of Science (SC), U.S. Department of Energy, invites grant applications for support under the Outstanding Junior Investigator Program in nuclear physics. The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers. Applications should be from tenure-track faculty who are currently involved in experimental or theoretical nuclear physics research, and should be submitted through a U.S. academic institution.

DATES: To permit timely consideration of awards in fiscal year 2001, formal applications submitted in response to this notice should be received by November 15, 2000.

ADDRESSES: Applications referencing Program Notice 00-16 should be forwarded to: U.S. Department of Energy, Office of Science, Grants and Contracts Division, SC-64, 19901 Germantown Road, Germantown, Maryland 20874-1290, ATTN: Program Notice 00-16. The above address must be used when submitting applications by U.S. Postal Service Express Mail, any other commercial mail delivery service, or when hand carried by the applicant. An original and seven copies of the application must be submitted. Although it is not required, it would be helpful for each applicant to submit twelve copies of their application, due to the anticipated number of reviewers.

FOR FURTHER INFORMATION CONTACT: Dr. Dennis G. Kovar, Director, Division of Nuclear Physics, SC-23, U.S. Department of Energy, 19901 Germantown Road, Germantown, Maryland 20874-1290. Telephone: (301) 903-3613. Fax: (301) 903-3833. E-Mail: dennis.kovar@science.doe.gov

SUPPLEMENTARY INFORMATION: This is the second year of an Outstanding Junior