

Same. A more environmentally safe measure to control aquatic weeds is also cost-efficient and relies on biological agents in the form of mycoherbicides. Mycoherbicides are typically formulated with one or more fungal pathogens or metabolites, or both thereof with herbicidal activity. The fungal pathogens are typically specific to infecting a certain spectrum of plant types, thus providing useful targeted delivery. It would be an advance in the art of bioherbicides to develop a mycoherbicidal composition, which may be applied either in wet or dry form, comprising an effective population control agent efficacious against a broad range of aquatic weeds including hydrilla. It would be a further advance in the art to develop a mycoherbicidal composition with enhanced biological viability and stability, specifically comprising a fungal pathogen as the population control agent that is extremely desiccant-tolerant, is capable of germinating both sporogenically and vegetatively, and is highly efficacious against hydrilla and other aquatic weeds, while being easy and relatively inexpensive to prepare and to use. It would also be desirable to provide a method of preparing such fungal pathogens in the form of a micro sclerotium that can efficiently and effectively maximize the biomass production thereof.

Serial No.: 10/138,579.

Date: 5/6/2002.

4. *Title:* Mapping Patterns of Movement Based on the Aggregation of Spatial Information Contained in Wireless Transmissions. Time-tagged coordinates from session-unique transmissions of wireless devices are collected routinely and stored for later analysis. From this data, one may derive a sequence of wireless device operation from which attributes may be ascertained. Sequences are accumulated until a dense aggregate pattern is formed over a geographic area. Aggregate data is sorted into ranges representing speed of movement and then converted to pixels representing cells in an aggregate matrix. Heavily weighted values are assigned to cells that represent a location within a pre-specified spatial error about a data point. Lower values are assigned to cells representing paths, or corridors, connecting these better-identified locations. As more transmission sessions are added to the matrix, the largest weight values cluster as individual cells representing a most likely path. Thus precise topographic attributes may be derived based on these spatial clusters, overlapping paths

connecting them, or combinations thereof.

Serial No.: 10/206,757.

Date: 7/29/2002.

5. *Title:* Multi-purpose Mat and Method of Deploying Thereof. Multipurpose panels having L-shaped tabs are interconnected using durable connectors to form a multipurpose mat that facilitates mobility over otherwise unstable terrain. In one embodiment, four-sided panels are fabricated from laminations of fiberglass-reinforced plastic (FRP) with radiused rectangular holes machined in each of two adjacent edges and a recessed L-shaped tab formed along opposing adjacent edges. The connectors are fabricated from corrosion resistant metal and assembled to precise specifications prior to insertion in the rectangular holes machined in pre-specified types of panel. Top and bottom plates of durable connectors are fabricated from 6061-T6 aluminum stock. A threaded bolt used to tie the plates together, to which a liquid threadlocker is applied, is fabricated from a steel alloy suitable for use with aluminum. Two specifically fabricated tools, a spacer guide and an alignment tool, may be used to optimize installation. These also may be fabricated from 6061-T6 aluminum stock.

Serial No.: 10/211,515.

Date: 8/5/2002.

6. *Title:* System and Method for Automated Alerting to Geospatial Anomalies. An inexpensive system and reliable method for detecting spatial anomalies in real time detects hidden anomalies efficiently and safely. In a preferred embodiment, an FM-CW radar front-end communicates with a personal computer incorporating specific filter and processing circuitry, including an AID converter and a DSP. A target volume is illuminated from just above its top surface and return signals processed using the PC as programmed with a purpose-built algorithm. Data are down-converted to audio frequencies for ease in handling using inexpensive audio frequency circuitry. For use in avoiding bridged (hidden) crevasses during operation in snowfields, a version is mounted on a long boom extending from the front of the platform on which it is installed, typically a lead vehicle of a convoy. Heretofore, expensive systems requiring full-time monitoring by an operator were the only safe and reliable solution to insure safe traversal of snowfields.

Serial No.: 10/256,182.

Date: 9/27/2002.

7. *Title:* Motion Detection and Alerting System. A compact, autonomous motion detecting and

alerting system alerts to the movement of objects of interest. Mounted on an environmentally sealed PC board are a transceiver such as a CW radar front-end, connectors, signal processors and a communications device. The system provides early warning of movement of an ice sheet or rubble field via the communication device that may be a cellular telephone. This system is mounted proximate the target surface under observation, oriented at pre-specified offset angles both laterally and in elevation. The target is illuminated and energy reflected therefrom is mixed with a portion of the transmitted signal to produce a difference frequency signal that is processed to establish existence of motion within a pre-specified velocity range. Upon verification of motion, notification is sent to a responsible authority. An autonomous or semi-autonomous power source and integral power management function may be incorporated on the same PC board.

Serial No.: 10/255,763.

Date: 9/27/2002.

Luz D. Ortiz,

Army Federal Register Liaison Officer.

[FR Doc. 02-32811 Filed 12-27-02; 8:45 am]

BILLING CODE 3710-92-M

DEPARTMENT OF DEFENSE

Department of the Navy

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

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. U.S. Patent No. 5,264,722 entitled "Nanochannel Glass Matrix Used in Making Mesoscopic Structures", Navy Case No. 74,224 and U.S. Patent 6,185,961 entitled "Nanopost Arrays and Process for Making Same", Navy Case No. 78,923

ADDRESSES: Requests for copies of the patent cited should be directed to the Naval Research Laboratory, Code 1004, 4555 Overlook Avenue, SW., Washington, DC 20375-5320, and must include the Navy Case number.

FOR FURTHER INFORMATION CONTACT:

Catherine M. Cotell, Ph.D., Head, Technology Transfer Office, NRL Code 1004, 4555 Overlook Avenue, SW., Washington, DC 20375-5320, telephone (202) 767-7230. Due to temporary U.S.

Postal Service delays, please fax (202) 404-7920, e-mail: cotell@nrl.navy.mil or use courier delivery to expedite response.

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

Dated: December 18, 2002.

R.E. Vincent II,

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

[FR Doc. 02-32961 Filed 12-27-02; 8:45 am]

BILLING CODE 3810-FF-P

DEPARTMENT OF EDUCATION

Notice of Proposed Information Collection Requests

AGENCY: Department of Education.

SUMMARY: The Leader, Regulatory Management Group, Office of the Chief Information Officer, invites comments on the proposed information collection requests as required by the Paperwork Reduction Act of 1995.

DATES: Interested persons are invited to submit comments on or before February 28, 2003.

SUPPLEMENTARY INFORMATION: Section 3506 of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires that the Office of Management and Budget (OMB) provide interested Federal agencies and the public an early opportunity to comment on information collection requests. OMB may amend or waive the requirement for public consultation to the extent that public participation in the approval process would defeat the purpose of the information collection, violate State or Federal law, or substantially interfere with any agency's ability to perform its statutory obligations. The Leader, Regulatory Management Group, Office of the Chief Information Officer, publishes that notice containing proposed information collection requests prior to submission of these requests to OMB. Each proposed information collection, grouped by office, contains the following: (1) Type of review requested, e.g. new, revision, extension, existing or reinstatement; (2) Title; (3) Summary of the collection; (4) Description of the need for, and proposed use of, the information; (5) Respondents and frequency of collection; and (6) Reporting and/or Recordkeeping burden. OMB invites public comment.

The Department of Education is especially interested in public comment addressing the following issues: (1) Is this collection necessary to the proper functions of the Department; (2) will this information be processed and used

in a timely manner; (3) is the estimate of burden accurate; (4) how might the Department enhance the quality, utility, and clarity of the information to be collected; and (5) how might the Department minimize the burden of this collection on the respondents, including through the use of information technology.

Dated: December 23, 2002.

John D. Tressler,

Leader, Regulatory Management Group, Office of the Chief Information Officer.

Federal Student Aid

Type of Review: New.

Title: Federal Perkins Loan Program Master Promissory Note.

Frequency: On Occasion; Annually.

Affected Public: Individuals or household; Businesses or other for-profit; Not-for-profit institutions.

Reporting and Recordkeeping Hour Burden:

Responses: 690,000. Burden Hours: 345,000.

Abstract: The promissory note is the means by which a Federal Perkins Loan borrower promises to repay his or her loan.

Written requests for information should be addressed to Vivian Reese, Department of Education, 400 Maryland Avenue, SW., Room 4050, Regional Office Building 3, Washington, DC 20202-4651 or to the e-mail address vivian_reese@ed.gov. Requests may also be faxed to 202-708-9346. Please specify the complete title of the information collection when making your request.

Comments regarding burden and/or the collection activity requirements should be directed to Joseph Schubart at his e-mail address Joe.Schubart@ed.gov. Individuals who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1-800-877-8339.

[FR Doc. 02-32928 Filed 12-27-02; 8:45 am]

BILLING CODE 4000-01-P

DEPARTMENT OF EDUCATION

Direct Grant and Fellowship Programs

AGENCY: Department of Education

ACTION: Notice reopening application deadline dates for certain direct grant and fellowship programs.

SUMMARY: The Secretary reopens the deadline dates for the submission of applications by certain applicants (see **ELIGIBILITY**) under certain direct grant and fellowship programs. All of the affected competitions are among those under which the Secretary is making new awards for fiscal year (FY) 2003. The Secretary takes this action to allow more time for the preparation and submission of applications by potential applicants adversely affected by severe weather conditions resulting from the typhoon in Guam and the severe ice

storm in North Carolina. The reopenings are intended to help these potential applicants compete fairly with other applicants under these programs.

Note: One of the affected programs or competitions is administered by the Department's Office of Elementary and Secondary Education and two are administered by the Office of Postsecondary Education. You can find information related to each of these competitions under the "List of Programs Affected" in this notice.

ELIGIBILITY: The reopening of deadline dates in this notice applies to you if you are a potential applicant from Guam which was severely affected by the recent typhoon or if you are a potential applicant in an area of North Carolina that the President has declared a disaster area as a result of the severe ice storm. In the case of the Jacob K. Javits Fellowship Program, the reopening of the deadline date applies to you if you live in or attend an institution of higher education in one of these areas. These areas include the following:

State/territory	County
North Carolina	Alamance, Alexander, Anson, Burke, Cabarrus, Catawba, Chatham, Cleveland, Davidson, Durham, Edgecombe, Forsyth, Franklin, Gaston, Guilford, Halifax, Harnett, Iredell, Lee, Lincoln, McDowell, Mecklenburg, Montgomery, Moore, Nash, Orange, Person, Randolph, Rowan, Rutherford, Stanly, Union, Vance, and Wake.
Guam	

DATES: The new deadline date for transmitting applications under each competition is listed with that competition.

If the program in which you are interested is subject to Executive Order 12372, the deadline date for the transmittal of State process recommendations by State Single Points of Contact (SPOCs) and comments by other interested parties remains as originally posted.

ADDRESSES: The address and telephone number for obtaining applications for, or information about, an individual program are in the application notice for that program. We have listed the date and **Federal Register** citation of the application notice for each program.

If you use a telecommunications device for the deaf (TDD), you may call the TDD number, if any, listed in the individual application notice. If we have not listed a TDD number, you may