

SUMMARY: The Department of the Navy hereby gives notice of the availability of exclusive or partially exclusive license to practice worldwide under the following pending patent.

Patent application Serial Numbers 11/152,340 and PCT/US05/21185 entitled "Method and Apparatus for Removing Mercury and Mercury Containing Particles from Dental Waste Water" filed on June 15 and 16, 2005. The present invention relates to the field of development of the removal of particulate metals, such as mercury or silver from dental waste-water using a self-contained mercury filtration cartridge for a single dental unit.

Patent application Serial Numbers 11/152,340 and PCT/US05/21185 entitled "Hand-held Fluorescence Polarimeter" filed on June 2, 2005. The present invention relates to a miniaturized, portable, hand-held apparatus for measuring the fluorescence polarization of a liquid sample.

Patent application Serial Numbers 11/108,867 and PCT/US05/13255 entitled "Cloning and Expression of the Full Length 110 KDA Antigen of *Orientia tsutsugamushi* to be Used as a Vaccine Component Against Scrub Typhus" filed on April 19, 2005. The present invention relates to the protection against infection of *Orientia tsutsugamushi*.

Patent application Serial Number 60/666,591 entitled "Use of EEG to Measure Cerebral Changes During Computer-based Motion Sickness-inducing Tasks" filed on March 31, 2005. The present invention relates to an ability to pinpoint a specific neural marker that signals the early onset of motion sickness.

Patent application Serial Number 60/650,972 entitled "Diagnostic Assay for *Orientia tsutsugamushi* by Detection of Responsive Gene Expression" filed on February 9, 2005. The present invention relates to a method for the diagnosis of *Orientia tsutsugamushi* infection by measuring the increased or decreased expression of specific human genes following infection by microarray or polymerase chain reaction analysis.

Patent application Serial Numbers 10/809,877 and PCT/US04/16880 entitled "A Rapid Immunoassay of Anthrax Protective Antigen in Vaccine Cultures and Bodily Fluids by Fluorescence Polarization" filed on July 27, 2004. The present invention relates to a competitive fluorescence method for estimating the concentration in a sample of *Bacillus anthracis* protein or specific antibody. The method contemplates the use of FLT, FRET or FP.

Patent application Serial Number 10/855,325 entitled "A Method for the

Rapid Diagnosis of Infectious Disease by Detection and Quantitation of Microorganism Induced Cytokines" filed on May 28, 2004. The present invention relates to a method for the diagnosis of latent infectious disease, such as *Mycobacterium Tuberculosis*, by estimating, the concentration of cytokine due to antibody-cytokine interaction or by dimerization of the cytokine.

Patent application Serial Numbers 10/898,954 and PCT/US04/24252 entitled "Bowel Preparation for Virtual Colonoscopy" filed on December 1, 2003. The present invention relates to an immunogenic composition and method of immunizing a subject against malarial disease comprising administering a priming immunization preparation containing an alphavirus replicon expressing a gene encoding a malarial antigen or combination of antigens and subsequently administering to the subject a boosting immunization preparation containing the malarial antigen(s) or antigen expression system containing the antigen(s).

DATES: Applications for an exclusive or partially exclusive license may be submitted at any time from the date of this notice.

ADDRESSES: Submit applications to the Office of Technology Transfer, Naval Medical Research Center, 503 Robert Grant Ave., Silver Spring, MD 20910-7500.

FOR FURTHER INFORMATION CONTACT: Dr. Charles Schlagel, Director, Office of Technology Transfer, Naval Medical Research Center, 503 Robert Grant Ave, Silver Spring, MD 20910-7500, telephone 301-319-7428 or e-mail at: schlagelc@nmrc.navy.mil.

SUPPLEMENTARY INFORMATION: Any license granted shall comply with 35 U.S.C. 209 and 37 CFR Part 404. Applications will be evaluated utilizing the following criteria: (1) Ability to manufacture and market the technology; (2) manufacturing and marketing ability; (3) time required to bring technology to market and production rate; (4) royalties; (5) technical capabilities; and (6) small business status.

Dated: August 26, 2005.

I.C. Le Moyne Jr.,

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

[FR Doc. 05-17398 Filed 8-31-05; 8:45 am]

BILLING CODE 3810-FF-P

DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Intent To Grant Exclusive Patent License; NanoComm Systems LLC

AGENCY: Department of the Navy, DoD.

ACTION: Notice.

SUMMARY: The Department of the Navy hereby gives notice of its intent to grant to NanoComm Systems LLC, a revocable, nonassignable, exclusive license to practice in the United States and certain foreign countries, the Government-owned inventions described in U.S. Patent Application No. 09/668,407: Multiple-Buffer Queuing of Data Packets with High Throughput Rate, Navy Case No. 84,834./U.S. Patent Application No. 09/715,772: Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus, Navy Case No. 84,781./U.S. Patent Application No. 09/715,778: Prioritizing Resource Utilization in Multi-Thread Computing System, Navy Case No. 84,779./U.S. Patent Application No. 09/833,578: System and Method for Data Forwarding in a Programmable Multiple Network, Navy Case No. 84,886./U.S. Patent Application No. 09/833,580: System and Method for Instruction-Level Parallelism in a Programmable Network Processor Environment, Navy Case No. 84,888./U.S. Patent Application No. 09/833,581: System and Method for Processing Overlapping Tasks in a Programmable Network Processor Environment, Navy Case No. 84,885./U.S. Patent Application No. 09/859,150: Adaptive Control of Multiplexed Input Buffer Channels, Navy Case No. 84,831./U.S. Patent Application No. 09/933,786: Shift Processing Unit, Navy Case No. 84,832 and any continuations, divisionals or reissues thereof.

DATES: Anyone wishing to object to the grant of this license must file written objections along with supporting evidence, if any, not later than September 16, 2005.

ADDRESSES: Written objections are to be filed with the Naval Research Laboratory, Code 1004, 4555 Overlook Avenue, SW., Washington, DC 20375-5320.

FOR FURTHER INFORMATION CONTACT: Ms. Jane Kuhl, Head, Technology Transfer Office, NRL Code 1004, 4555 Overlook Ave., SW., Washington, DC 20375-5320, telephone 202-767-3083. Due to U.S. Postal delays, please fax 202-404-7920, E-Mail: kuhl@utopia.nrl.navy.mil or use courier delivery to expedite response.

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

Dated: August 25, 2005.

I.C. Le Moyne Jr.,

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

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DEPARTMENT OF EDUCATION

Office of Special Education and Rehabilitative Services; Overview Information; Technology and Media Services for Individuals With Disabilities—Steppingstones of Technology Innovation for Children With Disabilities; Notice Inviting Applications for New Awards for Fiscal Year (FY) 2006

Catalog of Federal Domestic Assistance (CFDA) Number: 84.327A.

Note: This notice includes one priority with two phases, and funding information for each phase of the competition.

Dates: Applications Available: September 1, 2005.

Deadline for Transmittal of Applications: See the chart in section II. Award Information section in this notice (Chart).

Deadline for Intergovernmental Review: See Chart.

Eligible Applicants: State educational agencies (SEAs); local educational agencies (LEAs); public charter schools that are LEAs under State law; institutions of higher education (IHEs); other public agencies; private nonprofit organizations; outlying areas; freely associated States; Indian tribes or tribal organizations; and for-profit organizations.

Estimated Available Funds: The Administration has requested \$31,992,000 for the Technology and Media Services for Individuals with Disabilities program for FY 2006, of which we intend to use an estimated \$3,000,000 for the Steppingstones of Technology Innovation for Children with Disabilities competition. The actual level of funding, if any, depends on final congressional action. However, we are inviting applications to allow enough time to complete the grant process if Congress appropriates funds for this program.

Funding information regarding each phase of the priority is listed in the Chart.

Maximum Award: Phase 1: \$200,000 and Phase 2: \$300,000. We will reject any application that proposes a budget exceeding the maximum award for a single budget period of 12 months. The

Assistant Secretary for the Office of Special Education and Rehabilitative Services may change the maximum amount through a notice published in the **Federal Register**.

Estimated Range of Awards: See Chart.

Estimated Average Size of Awards: See Chart.

Estimated Number of Awards: See Chart.

Project Period: See Chart.

Full Text of Announcement

I. Funding Opportunity Description

Purpose of Program: The purpose of the program is to: (1) Improve results for children with disabilities by promoting the development, demonstration, and use of technology, (2) support educational media services activities designed to be of educational value in the classroom setting to children with disabilities, and (3) provide support for captioning and video description that is appropriate for use in the classroom setting.

Priority: In accordance with 34 CFR 75.105(b)(2)(iv) and (v), this priority is from allowable activities specified in the statute, or otherwise authorized in the statute (see sections 674 and 681(d) of the Individuals with Disabilities Education Act (IDEA)).

Absolute Priority: For FY 2006 this priority is an absolute priority. Under 34 CFR 75.105(c)(3), we consider only applications that meet this priority.

This priority is:

Technology and Media Services for Individuals With Disabilities—Steppingstones of Technology Innovation for Children With Disabilities

Applicants must—

(a) Describe a technology-based approach for improving the results of early intervention, response-to-intervention assessment techniques, or preschool, elementary, middle school, or high school education for children with disabilities. The technology-based approach must be an innovative combination of new technology and additional materials and methodologies that enable the technology to improve educational, assessment, or early intervention results for children with disabilities;

(b) Present a justification, based on scientifically rigorous research or theory, that supports the potential effectiveness of the technology-based approach for improving the results of education, assessment, or early intervention for children with disabilities. Results studied under this

priority must focus on child outcomes, rather than on parent or professional outcomes. Child outcomes can include improved academic or pre-academic skills, improved behavioral or social functioning, improved functional performance, etc., provided that valid and reliable measurement instruments are employed to assess the outcomes. Technology-based approaches intended for use by professionals or parents are not appropriate for funding under this priority unless child-level benefits are clearly demonstrated. Technology-based approaches for professional development will not be funded under this priority;

(c) Provide a detailed plan for conducting work in one of the following two phases:

(1) *Phase 1—Development:* Projects funded under Phase 1 must develop and refine a technology-based approach, and test its feasibility for use with children with disabilities. Activities under Phase I of the priority may include development, adaptation, and refinement of technology, materials, or methodologies. Activities under Phase 1 of the priority must include formative evaluation of usability and feasibility. The primary product of a project funded under Phase 1 should be a promising technology-based approach that is suitable for field-based evaluation of effectiveness in improving results for children with disabilities.

(2) *Phase 2—Research on Effectiveness:* Projects funded under Phase 2 must select a promising technology-based approach that has been developed and tested in a manner consistent with the criteria for activities funded under Phase 1, and subject the approach to rigorous field-based research to determine effectiveness in educational or early intervention settings. Approaches studied through projects funded under Phase 2 may have been developed with previous funding under Phase 1 of this priority or with funding from other sources. Phase 2 of this priority is primarily intended to produce sound research-based evidence that demonstrates the approach can improve educational or early intervention results for children with disabilities in a defined range of real world contexts.

Projects funded under Phase 2 of this priority must conduct research that poses a causal question and must employ randomized assignment to treatment and comparison conditions, unless a strong justification is made for why a randomized trial is not possible. If a randomized trial is not possible, the applicant must employ alternatives that substantially minimize selection bias or