

**DEPARTMENT OF DEFENSE****Department of the Army****Availability of U.S. Patent Applications for Non-Exclusive, Exclusive, or Partially Exclusive Licensing**

**AGENCY:** Department of the Army, DoD.  
**ACTION:** Notice of availability.

**SUMMARY:** In accordance with 35 U.S.C. 209 and 37 CFR part 404, announcement is made of the availability for licensing of the following U.S. Patent Applications for non-exclusive, exclusive, or partially exclusive licensing listed under

**SUPPLEMENTARY INFORMATION.** The inventions listed below have been assigned to the United States Government as represented by the Secretary of the Army, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Mr. John Biffoni, Intellectual Property Attorney, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-CC (Bldg. E4435), Aberdeen Proving Ground, MD 21010-5424, phone: (410) 436-1158, FAX: (410) 436-2534, or e-mail:

*John.Biffoni@sbccom.apgea.army.mil.*

**SUPPLEMENTARY INFORMATION:**

1. *Title:* "Compositions and Methods for Enhancing Bioassay Performance."

*Description:* This invention relates generally to nanomanipulation and, more particularly, to nanoorientation of antibody-dendrimer conjugates. The compositions of matter and methods of the present invention allow one to construct more sensitive bioassays by improving the orientation of the antibody binding domains within the bioassay at the nanoscopic level.

*Patent Application Number:* 09/939,884.

*Filing Date:* 08/27/2001.

2. *Title:* "Enhancing Protein Activity Through Nanoencapsulation"

*Description:* This invention deals with nanoencapsulation and nanocapsules, and a method of using these encapsulation systems to enhance protein/enzyme reactivity. The invention uses nanocapsules to protect and enzymes from inactivation in a variety of harsh environments such as extreme temperatures and pH. In addition, it provides a method for using nanoencapsulation to enhance protein/enzyme reactivity in organic solvents. Finally, the invention provides a method of using nanocapsules as controlled-release agents or carries for drug, protein, and vaccine delivery.

*Patent Application Number:* 09/859,260.

*Filed:* May 17, 2001.

**Luz D. Ortiz,**

*Army Federal Register Liaison Officer.*

[FR Doc. 03-19099 Filed 7-25-03; 8:45 am]

**BILLING CODE 3710-08-M**

**DEPARTMENT OF DEFENSE****Department of the Army****Availability of U.S. Patent and U.S. Patent Applications for Non-Exclusive, Exclusive, or Partially Exclusive Licensing**

**AGENCY:** Department of the Army, DoD.

**ACTION:** Notice of availability.

**SUMMARY:** In accordance with 35 U.S.C. 209 and 37 CFR part 404 announcement is made of the availability for licensing of the U.S. Patent Applications and U.S. Patent for non-exclusive, exclusive, or partially exclusive licensing listed in under **SUPPLEMENTARY INFORMATION.** The inventions listed have been assigned to the United States Government as represented by the Secretary of the Army, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Mr. John Biffoni, Intellectual Property Attorney, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-CC (Bldg E4435), Aberdeen Proving Ground, MD 21010-5424; phone: (410) 436-1158, FAX: 410-436-2534 or e-mail:

*John.Biffon@sbccom.apgea.army.mil.*

**SUPPLEMENTARY INFORMATION:**

1. *Title:* "Enzymatic Detoxification of Organophosphorus Compounds"

*Description:* 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.

*Patent Number:* 5,928,927.

*Issue Date:* July 27, 1999.

2. *Title:* "One-step Purification Process for Organophosphorus Hydrolase Enzyme."

*Description:* The present invention relates to an improved and simplified process for purifying organophosphorus hydrolase enzyme ("OPH" from a recombinant host cell, that expresses this enzyme.

*Patent Number:* 6,469,145.

*Issue Date:* October 22, 2002.

**Luz D. Ortiz,**

*Army Federal Register Liaison Officer.*

[FR Doc. 03-19098 Filed 7-25-03; 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 alter a system of records.

**SUMMARY:** The Department of the Army is altering a system 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 action will be effective without further notice on August 27, 2003, unless comments are received which result in a contrary determination.

**ADDRESSES:** Army Systems of Records Notices Manager, Department of Army Freedom of Information and Privacy Acts Office, 7798 Cissna Road, Suite 205, Springfield, VA 22153-3166.

**FOR FURTHER INFORMATION CONTACT:** Ms. Janice Thornton at (703) 806-7137.

**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 proposed system report, as required by 5 U.S.C. 552a(r) of the Privacy Act of 1974, as amended, was submitted on July 9, 2003, to the House Committee on Government Reform, the Senate Committee on Governmental Affairs, and the Office of Management and Budget (OMB) pursuant to paragraph 4c of Appendix I to OMB Circular No. A-130, 'Federal Agency Responsibilities for Maintaining Records About Individuals,' dated February 8, 1996 (February 20, 2996, 61 FR 6427).

Dated: July 21, 2003.

**Patricia L. Toppings,**

*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

**A0380-19 SAIS****SYSTEM NAME:**

Information Assurance For Automated Information Systems (AIS) Files (April 13, 2001, 66 FR 19148).