

**DEPARTMENT OF DEFENSE****Department of the Army****Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Concerning Differentially Acting OP Detoxifying Sponges**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent Application Serial No. 09/559,396 entitled "Differentially Acting OP Detoxifying Sponges" filed April 26, 2000. Foreign rights are also available (PCT/US00/11070). This patent application has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** For patent issues, Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7808. For licensing issues, Dr. Paul Mele, Office of Research & Technology Assessment, (301) 619-6664. Both at telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** A material comprising a porous support and a plurality of enzymes for the removal, decontamination or neutralization of hazardous chemicals such as OP compounds is disclosed. The material may be used on a variety of surfaces, including natural, synthetic, and biological surfaces such as skin and other delicate membranes. Also disclosed is a process of making the material, kits and various methods of reactivation devices for reactivating the enzymatic activity of the material.

**Luz D. Ortiz,**  
*Army Federal Register Liaison Officer.*  
[FR Doc. 01-18006 Filed 7-18-01; 8:45 am]

**BILLING CODE 3710-08-M**

**DEPARTMENT OF DEFENSE****Department of the Army****Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Application Concerning Immobilized Enzymes as Biosensors for Chemical Toxins**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent Application No. 09/558,511 entitled "Immobilized Enzymes as Biosensors for Chemical Toxins" filed April 26, 2000. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Frederick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** For patent issues, Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7808. For licensing issues, Dr. Paul Mele, Office of Research & Technology Assessment, (301) 619-6664. Both at telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** Methods, compositions and materials useful in the detection of organophosphorus and organosulfur compounds are disclosed. In particular, biosensors wherein a porous or a non-porous support having any enzyme immobilized upon or within are disclosed. The biosensors exhibit enzymatic stability at extreme temperatures and/or denaturing conditions, and similar kinetic characteristics of the soluble form of the enzymes utilized. The enzyme does not leach from the porous or non-porous support and the material retains enzymatic activity after prolonged storage. Differential biosensors are also disclosed.

**Luz D. Ortiz,**  
*Army Federal Register Liaison Officer.*  
[FR Doc. 01-18010 Filed 7-18-01; 8:45 am]

**BILLING CODE 3710-08-M**

**DEPARTMENT OF DEFENSE****Department of the Army****Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Concerning Monoclonal Antibodies to Cholesterol and Methods**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent 4,885,256 entitled "Monoclonal Antibodies to Cholesterol and Methods" issued December 5, 1989. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Frederick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** For patent issues, Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7808. For licensing issues, Dr. Paul Mele, Office of Research & Technology Assessment, (301) 619-6664. Both at telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** Monoclonal antibodies which demonstrate specific reactivity to cholesterol and methods for the detection of high levels of cholesterol by contacting biological specimens containing cholesterol with the monoclonal antibodies and measuring the formation of antigen-antibody complexes by immunosorbent assay.

**Luz D. Ortiz,**  
*Army Federal Register Liaison Officer.*  
[FR Doc. 01-18008 Filed 7-18-01; 8:45 am]

**BILLING CODE 3710-08-M**

**DEPARTMENT OF DEFENSE****Department of the Army****Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Application Concerning a Rapid Method to Make OP Detoxifying Sponges Composed of Multiple Immobilized Enzymes of Cholinesterases and OP Hydrolases and Oximes as Reactivators**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.