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*Air Force Federal Register Liaison Officer.*  
[FR Doc. 97-17890 Filed 7-8-97; 8:45 am]

BILLING CODE 3910-01-P

**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, Adelphi, Maryland.

**ACTION:** Notice.

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

These patents cover a wide variety of technical arts including (1) *Eliminating Undesirable Reflections from Optical Systems* (2) *Composite Structures for Transmitting High Shear Loads* (3) *A Ceramic Ferroelectric Material Having a High Dielectric Constant* (4) *A Ceramic Ferroelectric Material Having a Low Dielectric Constant*, as well as many other different technical arts.

Under the authority of Section 11(a)(2) of the Federal Technology Transfer Act of 1986 (Pub. L. 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. patents listed below in a non-exclusive, exclusive or partially exclusive manner to any party interested in manufacturing, using, and/or selling devices or processes covered by these patents.

**Title:** Technique for Eliminating Undesirable Reflections From Optical Systems.

**Inventor:** Thomas J. Gleason.  
**Patent Number:** 5,629,492.

**Issue Date:** May 13, 1997.

**Title:** Composite Structure for Transmitting High Shear Loads.  
**Inventor(s):** Travis A. Bogetti and Christopher P.R. Hoppel.

**Patent Number:** 5,635,272.

**Issue Date:** June 3, 1997.

**Title:** Ceramic Ferroelectric Composite Material-BSTO-ZNO.

**Inventor:** Louise Sengupta.

**Patent Number:** 5,635,433.

**Issue Date:** June 3, 1997.

**Title:** Ceramic Ferroelectric Composite Material-BSTO-Magnesium Based Compound.

**Inventor:** Louise Sengupta.

**Patent Number:** 5,635,434.

**Issue Date:** June 3, 1997.

**FOR FURTHER INFORMATION CONTACT:** Ms. Norma Vaught, Technology Transfer Office, AMSRL-CS-TT, U.S. Army Research Laboratory, Adelphi, MD 20783-1197; tel: (301) 394-2952; fax: (301) 394-5815; e-mail: nvaught@arl.mil.

**SUPPLEMENTARY INFORMATION:** None.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

[FR Doc. 97-17904 Filed 7-8-97 8:45 am]

BILLING CODE 3710-08-M

**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, Adelphi, Maryland.

**ACTION:** Notice.

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

These patents cover a wide variety of technical arts including (1) *An Optical Waveguide Based on the Talbot Effect* (2) *A Technique to Mitigate Groove Drag in KE Projectiles* (3) *An Ammunition Primer and Tool Holder*, as well as many other different technical arts.

Under the authority of Section 11(a)(2) of the Federal Technology Transfer Act of 1986 (Pub. L. 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. patents listed below in a non-

exclusive, exclusive or partially exclusive manner to any party interested in manufacturing, using, and/or selling devices or processes covered by these patents.

**Title:** Easily Manufacturable Optical Self-Imaging Waveguide.

**Inventor:** Tristan Tayag.

**Patent Number:** 5,640,474.

**Issue Date:** June 17, 1997.

**Title:** Groove Drag Mitigation.

**Inventor(s):** James M. Garner and Harris L. Edge.

**Patent Number:** 5,639,985.

**Issue Date:** June 17, 1997.

**Title:** Holder for Primers and Tools.

**Inventor:** Jim A. Faughn.

**Patent Number:** 5,639,983.

**Issue Date:** June 17, 1997.

**FOR FURTHER INFORMATION CONTACT:** Ms. Norma Vaught, Technology Transfer Office, AMSRL-CS-TT, U.S. Army Research Laboratory, Adelphi, MD 20783-1197; tel: (301) 394-2952; fax: (301) 394-5815; e-mail: nvaught@arl.mil.

**SUPPLEMENTARY INFORMATION:** None.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

[FR Doc. 97-17903 Filed 7-8-97; 8:45 am]

BILLING CODE 3710-08-M

**DEPARTMENT OF DEFENSE****Department of the Army****Corps of Engineers****Inland Waterways Users Board**

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

**ACTION:** Notice of request for nominations.

**SUMMARY:** Section 302 of Public Law (Pub. L.) 99-662 established the Inland Waterways Users Board. The Board is an independent Federal advisory committee. Its 11 members are appointed by the Secretary of the Army. This notice is to solicit nominations for five (5) appointments or reappointments to two-year terms that will begin January 1, 1998.

**ADDRESSES:** Office of the Assistant Secretary of the Army (Civil Works), Department of the Army, Washington, D.C. 20310-0103. Attention: Inland Waterways Users Board Nominations Committee.

**FOR FURTHER INFORMATION CONTACT:** Dr. John H. Zirschky, Acting Assistant Secretary of the Army (Civil Works) (703) 697-4671.

**SUPPLEMENTARY INFORMATION:** The selection, service, and appointment of

Board members are covered by provisions of Section 302 of Public Law 99-662. The substance of those provisions is as follows:

#### a. Selection

Members are to be selected from the spectrum of commercial carriers and shippers using the inland and intracoastal waterways, to represent geographical regions, and to be representative of waterborne commerce as determined by commodity ton-miles statistics.

#### b. Service

The Board is required to meet at least semi-annually to develop and make recommendations to the Secretary of the Army on waterways construction and rehabilitation priorities and spending levels for commercial navigation improvements, and report its recommendations annually to the Secretary and Congress.

#### c. Appointment

The operation of the Board and appointment of its members are subject to the Federal Advisory Committee Act (PL 92-463, as amended) and departmental implementing regulations. Members serve without compensation but their expenses due to Board activities are reimbursable. The considerations specified in section 302 for the selection of the Board members, and certain terms used therein, have been interpreted, supplemented, or otherwise clarified as follows:

##### (1) Carriers and Shippers

The law uses the terms "primary users and shippers." Primary users has been interpreted to mean the providers of transportation services on inland waterways such as barge or towboat operators. Shippers have been interpreted to mean the purchasers of such services for the movement of commodities they own or control. Individuals are appointed to the Board, but they must be either a carrier or shipper, or represent a firm that is a carrier or shipper. For that purpose a trade or regional association is neither a shipper or primary user.

##### (2) Geographical Representation

The law specifies "various" regions. For the purpose of selecting Board members, the waterways subjected to fuel taxes and described in PL 95-502, as amended, have been aggregated into six regions. They are (1) the Upper Mississippi River and its tributaries above the mouth of the Ohio; (2) the Lower Mississippi River and its tributaries below the mouth of the Ohio

and above Baton Rouge; (3) the Ohio River and its tributaries; (4) the Gulf Intracoastal Waterway in Louisiana and Texas; (5) the Gulf Intracoastal Waterway east of New Orleans and associated fuel-taxed waterways including the Tennessee-Tombigbee, plus the Atlantic Intracoastal Waterway below Norfolk; and (6) the Columbia-Snake Rivers System and Upper Willamette. The intent is that each region shall be presented by at least one Board member, with that representation determined by the regional concentration of the individual's traffic on the waterways.

##### (3) Commodity Representation

Waterway commerce has been aggregated into six commodity categories based on "inland" ton-miles shown in Waterborne Commerce of the United States. In rank order they are (1) Farm and Food Products; (2) Coal and Coke; (3) Petroleum, Crude and Products; (4) Minerals, Ores, and Primary Metals and Mineral Products; (5) Chemicals and Allied Products; and (6) All other. A consideration in the selection of Board members will be that the commodities carried or shipped by those individuals or their firms will be reasonably representative of the above commodity categories.

#### d. Nomination

Reflecting preceding selection criteria, the current representation by the five (5) Board members whose terms expire December 31, 1997, is as follows: one member representing the Upper Mississippi River (Region 1), two members representing the Lower Mississippi River (Region 2), one member representing the Ohio River (Region 3), and one member representing the GIWW-East of New Orleans, Tenn-Tombigbee, and AIWW below Norfolk (Region 5). Also, these Board members represent two shippers and three carriers.

Three (3) of the five members whose terms expire December 31, 1997, are eligible for reappointment.

Nominations to replace Board members whose terms expire December 31, 1997, may be made by individuals, firms or associations. Nominations will:

- (1) State the region to be represented;
- (2) State whether the nominee is representing carriers, shippers or both;
- (3) Provide information on the nominee's personal qualifications;
- (4) Include the commercial operations of the carrier and/or shipper with whom the nominee is affiliated. This commercial operations information will show the actual or estimated ton-miles of each commodity carried or shipped

on the inland waterways system in a recent year (or years) using the waterway regions and commodity categories previously listed.

Nominations received in response to last year's **Federal Register** notice, published on July 10, 1996, have been retained for consideration. Renomination is not required but may be desirable.

#### Deadline for Nomination

All nominations must be received at the address shown above no later than August 31, 1996.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

[FR Doc. 97-17916 Filed 7-8-97; 8:45 am]

BILLING CODE 3710-92-M

## DEPARTMENT OF DEFENSE

### Department of the Army

#### Corps of Engineers

#### **Intent To Prepare an Environmental Impact Statement (EIS) for the Evaluation of Proposed Placement of Dredged Material at Site 104, Chesapeake Bay, Queen Anne's County, MD**

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

**ACTION:** Notice of intent.

**SUMMARY:** Pursuant to Sections 313 and 404 of the Clean Water Act of 1977 (33 USC 1323 and 1344), the Baltimore District, U.S. Army Corps of Engineers will evaluate the placement of dredged material at Site 104, Chesapeake Bay, Queen Anne's County, Maryland. Pursuant to Section 102 of the National Environmental Policy Act, the Baltimore District will prepare an Environmental Impact Statement (EIS) for Evaluation of the Proposed Placement of Dredged Material at Site 104, Chesapeake Bay, Queen Anne's County, Maryland. The dredged material to be placed at Site 104 would be clean material from Federal navigation channels in the main stem of the Chesapeake Bay leading to Baltimore Harbor and the Port of Baltimore. Site 104 is located in the main stem of the Chesapeake Bay, north of the William Preston Lane Jr. Memorial Bridge, and west of Kent Island and encompasses approximately 1,800 acres. The Section 404 Evaluation will investigate the use of alternative placement equipment and methods for the placement of approximately 18 million cubic yards of additional dredged material in the deepest part of the site. To facilitate the Evaluation, the Baltimore District will also prepare and