

08-02-2002

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To the Honorable Commissioner of Patents and Trademarks. Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

WILLIAM L. KONRAD

7-30-02

Additional names of conveying parties attached? \_ yes  no

2. Name & Address of receiving party:

Name: **The United States of America as represented by the Secretary of the Navy**

Internal Address: **Naval Undersea Warfare Center  
Office Of Counsel  
(Attn: Code 00oc)**

Street Address: **1176 Howell Street**

City: **Newport**

State: **Rhode Island**

Zip: **02841-1708**

3. Nature of Conveyance:

Assignment     Other

Execution Date 5 June 2002

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

**10/161,993**

Attorney Docket No.: **83154**

B. Patent No.(s)

5. Name & Address of party to whom correspondence concerning document should be mailed:

Name: **Office of Counsel, Bldg 112T**

Internal Address: **Naval Undersea Warfare Center,  
Division Newport**

Street Address: **1176 Howell Street**

City: **Newport**

State: **RI**

Zip: **02841-1708**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$ 40.00

8. Charge to deposit account number: 14-0590  
(Attach a duplicate copy of this page when paying by a deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael J. McGowan  
Name of Person signing

Signature

7-25-02  
Date

**ASSIGNMENT**

TITLE  
**FILIGREE ELECTRODE PATTERN APPARATUS FOR STEERING PARAMETRIC MODE  
 ACOUSTIC BEAMS**

INVENTOR(S) (Name) WILLIAM L. KONRAD		CONTRACTOR KONRAD CONSULTANTS	
CONTRACT NO.		GOVERNMENT AGENCY U.S. NAVY	
CONTRACTOR INVENTION DOCKET NO.		AGENCY DOCKET NO. 83154	
DATE EXECUTED <i>5 June 2002</i>	SERIAL NO. <i>10/161,993</i>	FILING DATE <i>31 May 02</i>	

The undersigned inventor(s): (a) in recognition of (his) obligation as employees of Konrad Consultants and (b) because of an agreement between the Konrad Consultants and the U.S. Navy (NUWCDIVNPT) for the U.S. Navy to bear the cost of processing and prosecuting instant patent application and in return the Konrad Consultants, Inc.'s agreement to assign the instant invention to the U.S. Navy, hereby (assigns) to the United States of America, subject to a non-exclusive and royalty-free license which in hereby reserved to the Konrad Consultants all right and interest in and each invention disclosed and claimed in the above U.S. patent application.

The license reserved to the Konrad Consultants shall extend to all existing and future associated and affiliated companies, if any, within the corporate structure of which Konrad Consultants is a part and shall be assignable to the successor of that part of the Konrad Consultants business to which such invention pertains.

The Inventor(s) further agree to assist Konrad Consultants, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to make this assignment effective.

The Konrad Consultants joins in and agrees to the foregoing assignment, and except for the above reservation of a license relinquishes and assigns all right, title and interest in and to such invention, and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for patent (including prosecution and settlement of interferences), and any substitution, division, continuation-in-part, or continuation of such patent application and any application for reissue of any patent resulting from such patent application.

DATE	INVENTOR (Seal)
<i>June 5, 02</i>	WILLIAM L. KONRAD <i>William L. Konrad</i> (Seal)
DATE	INVENTOR

DATE	INVENTOR (Seal)
DATE	INVENTOR

DATE	INVENTOR (Seal)
SIGNED THIS <i>5<sup>th</sup></i> DAY OF	<i>June</i> <i>2002</i>

ATTEST:  
*Maysun S. Saad*

FOR THE CONTRACTOR (Seal)  
**MAYSUN S. SAAD**  
**NOTARY PUBLIC**  
 MY COMMISSION EXPIRES OCT. 31, 2005